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Official Gazette

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LAWRENCE C. KINGSLAND, *Commissioner*

PUBLISHED WEEKLY BY AUTHORITY OF CONGRESS

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Condition of Applications Under Examination at Close of Business Feb. 13, 1948

(Total number of applications awaiting action, excluding Trade-Mark Division, 153,188; Trade-Mark Division, 32,271. Oldest new case, Mar. 4, 1946; oldest amended, Jan. 25, 1946.)

DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application awaiting office action: New	Oldest new application awaiting office action: Amended	Applications awaiting action
1. GOLDBERG, A. J., Food Apparatus; Closure Operators; Fences; Gates; Planters; Plows; Harrows and Diggers; Plant Husbandry; Scattering Unloaders; Baths, Closets, Sinks, and Spittoons; Sewerage.	May 22	Jun 7	3,587
2. HERRMANN, D., Fishing, Trapping and Vermin Destroying; Bee Culture; Dairy; Animal Husbandry; Presses; Tobacco; Textile Wringers; Butchering.	Apr. 19	Mar. 4	4,009
3. MARMELSTEIN, N., Metal Founding and Treatment; Metallurgy (Process and Apparatus)	†Apr. 23	Nov. 8	1,552
4. BISHOP, WALTER C., Conveyors; Hoists; Handling Apparatus; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Package and Article Carriers; Pneumatic Dispatch; Store Service; Mining, Quarrying, and Ice Harvesting.	Apr. 22	June 6	4,068
5. ROBINSON, C. W., Harvesters; Acoustics; Sound Recording; Knotters	Mar. 4	Mar. 11	2,379
6. SURLE, H., Carbon Chemistry (part)	†Mar. 22	†Feb. 12	1,835
7. HANLIN, GEORGE, Optics; Photographic Apparatus	†Apr. 21	†Jan. 22	1,828
8. IMUS, A. E., Furniture; Racks and Cabinets	May 16	May 13	4,050
9. BENSON, R. B., Pumps and Fans; Fluid and Fluid-Current Motors	July 12	Apr. 10	2,377
10. ANDRUS, L. M., Radiant Energy (part, e. g., Portable Radio Sets, Radio Accessories, Detectors, Oscillation Generators, Wave Meters, Tuners); music; Modulators; Piezo-electric Crystals.	†May 20	†Feb. 27	857
11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus.	†May 15	†May 22	840
12. SPINTMAN, S., Machine Elements (part); Engine Starters: Motor Control with Clutch or Brake; Transmission with Clutch or Brake.	†Jan. 24	June 14	1,935
13. BEALL, T. E., Gear Cutting, Milling, Planing, Metal Working (part); Needle and Pin Making; Turning	Apr. 27	Apr. 6	2,475
14. FREEHOF, H. B., Metal Working (Bending; Sheet-Metal; Wire; Misc. Processes); Wire Fabrics; Farriery	†Mar. 10	Nov. 15	1,180
15. HENKIN, B., Plastics; Plastic Block and Earthenware Apparatus; Glass	Sept. 26	Mar. 14	1,978
16. LOVEWELL, N. N., Telegraphy; Telephony	†May 2	Oct. 4	1,865
17. HABECKER, LEON B., Paper Manufactures; Typewriters; Printing; Type Casting and Setting; Sheet Material Associating or Folding; Sheet or Web Feeding.	Sept. 21	May 9	1,817
18. KURZ, J. A., Motors, Expansible-Chamber Type; Power Plants; Speed Responsive Devices; Rotary Internal-Combustion Engines.	Aug. 15	Apr. 12	1,709
19. PATRICK, P. L., Liquid and Gaseous Fuel Burners; Stoves and Furnaces	Aug. 23	July 17	1,940
20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Undertaking; Bread, Pastry, and Confection Making; Bank Protection; Safes; Tents, Canopies, Umbrellas and Canes.	June 8	June 12	2,097
21. MADER, R. C., Textiles	†Apr. 12	†Jan. 2	1,185
22. CARPENTER, B. H., Aeronautics; Firearms; Ordnance	Aug. 16	June 26	1,898
23. LEWIS, J. B., Cash Registers; Calculators and Counters; Education	June 25	May 7	1,315
24. LUSBY, CHARLES, Apparel; Apparel Apparatus; Sewing Machines	†Apr. 15	†Apr. 19	1,849
25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Distillation.	†Jan. 31	June 11	1,750
26. YOUNG, R. R., Electricity—Generation and Motive Power	†Jan. 10	May 21	1,546
27. JAMES, S., Brushing, Scrubbing; Fluid Treatment of Textiles (Apparatus); Liquid Treatment of Solids; General Cleaning; Ironing; Brush, Broom and Mop Making.	Dec. 16	Aug. 23	3,016
28. SOLYOM, H. L., Heating, Metallurgical Apparatus; Internal-Combustion Engines (part); Cylinders; Pistons	†Jan. 8	Sept. 13	1,220
29. SHKLARIN, J. B., Baggage; Cloth, Leather, and Rubber Receptacles; Button Making; Woodworking; Tools	Oct. 10	June 5	2,932
30. BISHOFF, A., Automatic Temperature and Humidity Regulation; Illumination; Thermostats and Humidostats; Heating Systems; Ammunition and Explosive Devices.	†Feb. 7	Aug. 2	2,382
31. DUNCOMBE, C. S., Mineral Oils; Carbocyclic or Acyclic Carbon Compounds (part)—e. g., Ketones, Aldehydes, Ethers, Hydroxy Compounds, Hydrocarbons, Halogenated Hydrocarbons.	†Apr. 30	†Apr. 22	2,118
32. LESH, KARL R., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation; Agitating; Wells; Earth Boring.	Apr. 6	Apr. 24	2,880
33. KAUFFMAN, H. E., Bridges; Hydraulic and Earth Engineering; Building Structures; Roads and Pavements	May 6	Apr. 6	3,470
34. SAPERSTEIN, S., Electricity—Transmission to Vehicles; Railways; Track Sanders; Signals and Indicators	July 10	Apr. 3	1,355
35. BROMLEY, E. D., Card and Sign Exhibiting; Dispensing; Filling and Closing Portable Receptacles; Ammunition and Explosive Charge Making.	Aug. 10	June 23	2,848
36. McFADYEN, A. D., Automatic Weighers; Measuring and Testing; Force Measuring	Apr. 5	Mar. 21	2,034
37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	Sept. 23	Sept. 11	1,533
38. ARNOLD, D., Coating Processes and Apparatus; Coating or Plastic Compositions (part); Rubber	Oct. 10	Sept. 12	1,699
39. WHITNEY, F. L., Fluid-Pressure Regulators; Valves; Water Distribution	Apr. 11	Mar. 5	2,844
40. DRUMMOND, E. J., Receptacles (part); Packages	†Feb. 10	Aug. 8	3,034
41. HERTZ, M., Recorders; Check-controlled Apparatus; Coin Handling; Article Dispensing Cabinets; Deposit Receptacles; Buckles, Buttons, Clasps.	Apr. 1	Mar. 6	2,724
42. MARANS, H., Electric Signaling; Variable Transformer and Reactor Structure; Electricity, Voltage Magnitude and Phase Control Systems.	†Apr. 19	†May 20	882
43. STONE, I. G., Medicines, Poisons and Cosmetics; Explosive Compositions; Sugar and Starch; Bleaching and Dyeing; Fluid Treatment of Textiles; Hides, Skins and Leathers.	†Mar. 8	†Apr. 16	1,479
44. HARVEY, L. P., Refrigeration; Preserving	Mar. 23	Apr. 18	1,310
45. MANTER, W. B., Shafting and Flexible Shaft Couplings; Wheels, Tires, Axles and Wheel Substitutes; Lubrication; Bearings and Guides; Belt and Sprocket Gearing; Spring Devices; Land Vehicles (part); Spring, Weight and Horsepower Motors.	June 6	Mar. 25	2,844
46. MUSHAKE, W. I., Concentrating Evaporators; Fluid Sprinkling, Spraying and Diffusing; Fire Extinguishers, Liquid Heaters and Vaporizers; Kitchen and Table Articles.	Aug. 2	June 4	1,845

NOTE.—The dates given are 1946 except where † indicates 1947.

(Total number of applications awaiting action, excluding Trade-Mark Division, 153,156; Trade-Mark Division, 32,271. Oldest new case, Mar. 4, 1946; oldest amended, Jan. 25, 1946.)

DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application awaiting office action	Oldest amended application awaiting office action	Applications awaiting action
	New	Amended	
47. KANOF, WM. J., Motor Vehicles; Land Vehicles (part); Fluid Pressure Brakes	†Feb. 20	Oct. 19	1,946
48. BERNSTEIN, S., Electricity, General Applications; Electric Igniters	July 24	June 3	1,596
49. SHEFFIELD, E. L., Drying and Gas or Vapor Contact with Solids; Ventilation; Liquid Separation or Purification.	†Jan. 17	July 11	1,665
50. LEVIN, SAMUEL, Synthetic Resins	†Apr. 5	Oct. 19	2,366
51. FRIEDMAN, M. H., Radiant Energy (part, e. g. Radio Transmission and Reception, Transmitters, Receivers, Antennae); Radiant Energy Communications.	†Mar. 1	Aug. 30	1,891
52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Pipes and Tubular Conduits.	†Jan. 2	July 17	3,875
53. BRINDISI, M. V., Label Pasting and Paper Hanging; Book Making; Manifolding; Printed Matter; Stationery; Paper Files and Binders; Cutlery; Closures, Partitions and Panels, Flexible and Portable.	July 3	Mar. 6	3,602
54. STRAOHAN, O. W., Electric Lamp and Discharge Devices, Systems, Structure, Manufacture and Repair; Light Sensitive Circuits; Ray Energy Applications.	†Mar. 26	Nov. 6	1,926
55. BOWEN, S. T., Artificial Body Members; Dentistry; Surgery; Toilet	†Jan. 7	Apr. 5	1,846
56. COCKERILL, S., Electrical and Wave Energy Chemistry; Paper Making; Acetylene; Gas Mixing	†Apr. 11	†Mar. 1	1,155
57. NICOLSON, G. D., Toys; Amusement and Exercising Devices; Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks.	May 17	May 1	3,558
58. DQWELL, E. F., Abrading; Bottles and Jars; Stone Working; Making Metal Tools and Implements	†Feb. 8	June 24	1,355
59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Heterocyclic Compounds (part)	July 2	May 6	2,124
60. GLASS, R. L., Electricity—Heating; Welding; Furnaces; Battery Charging and Discharging; Consumable Electrode Lamp and Discharge Devices; Resistances and Rheostats; Prime Mover Dynamo Plants.	†Apr. 22	Oct. 21	1,505
61. LANNAN, J., Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery; Boats, Buoys, Ships and Marine Propulsion.	Aug. 7	May 1	3,202
62. PUGH, E. C., Games; Tables; Mechanical Guns and Projectors	Oct. 18	May 28	1,477
63. WINKELSTEIN, A. H., Fermentation; Foods and Beverages; Heterocyclic Compounds (part); Oils and Fats.	†Mar. 28	†Feb. 5	1,539
64. NASH, P. M., Compositions—Coating or Plastic (part); Fuel and Miscellaneous	†June 25	†June 14	1,531
65. McDERMOTT, F. P., Batteries: Electrical Conductors, Conduits, Insulators and Connectors	†Apr. 16	Dec. 4	1,149
66. LISANN, I., Geometrical Instruments	Apr. 19	Jan. 25	2,257
67. KRAFFT, C. F., Laminated Fabrics; Photographic Processes and Products; Ornamentation	Aug. 21	June 19	2,066
68. BERMAN, H., Brakes, Boring and Drilling; Clutches and Power Stop Control	†Mar. 1	Oct. 12	1,599
69. GALVIN, D. J., Electricity—Wave Transmission, Repeaters and Relays (e. g., Amplifiers), Galvanometers and Meters.	Oct. 17	May 10	1,006
TRADE-MARKS: MERCHANT, J. H	July 5	Aug. 9	32,271
DESIGNS: BREHM, G. L	July 5	Aug. 29	8,152

NOTE.—The dates given are 1946 except where † indicates 1947.

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

Abbott Laboratories, North Chicago, Ill. Multiple vitamin preparation. Serial No. 531,572, Mar. 2. Class 6.

Acme Aluminum Alloys, Inc., Dayton, Ohio. Metallic products. Serial No. 508,084, Mar. 2. Class 14.

Acme Aluminum Alloys, Inc., Dayton, Ohio. Metallic products. Serial No. 508,086, Mar. 2. Class 14.

Adco, Inc., Sedalia, Mo. Product for deodorizing and perfuming interior spaces. Serial No. 510,636, Mar. 2. Class 6.

Adventure Co.: *See*—
La Venture, Wm. L.

Ainsworth, Wm., & Sons, Inc., Denver, Colo. Beam balances, parts and accessories, balance weights, etc Serial No. 485,319, Mar. 2. Class 26.

American Cyanamid Company, New York, N. Y. Synthetic organic chemical. Serial No. 533,291, Mar. 2. Class 6.

American Cyanamid Company, New York, N. Y. Parathion in wettable powder, dust aerosol emulsion or solution form. Serial No. 535,363, Mar. 2. Class 6.

American Industries, Incorporated, Hartford, Conn. Kerosene-fired cook stoves, range oil burners, power oil burners, etc. Serial No. 520,671, Mar. 2. Class 34.

American Leather Novelty Corporation, Jersey City, N. J. Wallets, key cases, purses, etc. Serial No. 501,302, Mar. 2. Class 3.

American Oak Leather Co., Cincinnati, Ohio. Leather. Serial No. 525,174, Mar. 2. Class 1.

American Thread Company, The, New York, N. Y. Thread and yarn. Serial Nos. 531,181–2, Mar. 2. Class 43.

Armstrong, James A., Rocky River, Ohio. Hair waving kits. Serial No. 512,312, Mar. 2. Class 50.

Atlas Powder Company, Wilmington, Del. Emulsifying agents in the nature of polyoxyethylene derivatives of fatty acids derived from fat or oils. Serial No. 516,884, Mar. 2. Class 46.

B. C. Remedy Company, Durham, N. C. Remedy for headache and neuralgia. Serial No. 536,035, Mar. 2. Class 6.

B & W Fruit Company, Inc., Groveland, Fla. Canned citrus juices. Serial No. 505,388, Mar. 2. Class 46.

Baby Bleach Corp., Milwaukee, Wis. Disinfecting and deodorizing bleach. Serial No. 508,960, Mar. 2. Class 6.

Bayisank Pharmaceuticals, Inc., New York, N. Y. Nasal solution. Serial No. 529,546, Mar. 2. Class 6.

Bell Bedspreads, Inc., New York, N. Y. Bedspreads. Serial No. 502,681, Mar. 2. Class 42.

Bendel, Henri, Inc., New York, N. Y. Girls', misses' and women's coats, suits, dresses, etc. Serial No. 508,964, Mar. 2. Class 39.

Binzer, Harry, Terre Haute, Ind. Deep fat fried wienerwurst. Serial No. 505,796, Mar. 2. Class 46.

Blanke-Baer Extract & Preserving Company, St. Louis, Mo. Flavoring extracts and fountain syrups. Serial No. 527,416, Mar. 2. Class 45.

Bode, Joe C., Jr., doing business as Manson Distributors, Aurora, Ill. Preparation in stick form used in the treatment of minor skin ailments. Serial No. 530,716, Mar. 2. Class 6.

Bowman, A. Smith, Jr., assignee et al.: *See*—
Bowman, Abram S.

Bowman, A. Smith, Distillery: *See*—
Bowman, Abram S.

Bowman, Abram S., doing business as A. Smith Bowman Distillery, assignor to A. S., E. D., and A. S. Bowman, Jr., doing business as A. Smith Bowman Distillery, Sunset Hills, Va. Whiskey. Serial No. 497,774, Mar. 2. Class 49.

Bowman, E. DeLong, assignee et al.: *See*—
Bowman, Abram S.

Bowman, Smith A., assignee et al.: *See*—
Bowman, Abram S.

Boyle Leather Goods Co., Inc., New York, N. Y. Wardrobe travelling bags, wardrobe trunks, suit cases, etc. Serial No. 531,297, Mar. 2. Class 3.

Boyle Leather Goods Co. Inc., New York, N. Y. Wardrobe travelling bags and wardrobe trunks. Serial No. 531,298, Mar. 2. Class 3.

Boyle Leather Goods Co. Inc., New York, N. Y. Wardrobe travelling bags, wardrobe trunks, suit cases, etc. Serial Nos. 531,299–301, Mar. 2. Class 3.

Buckeye Glove Co., Toledo, Ohio. Work gloves of fabric, leather, and combinations thereof. Serial No. 535,473, Mar. 2. Class 39.

Buckeye Glove Co., Toledo, Ohio. Work gloves of fabric, leather and combinations thereof. Serial Nos. 535,477–8, Mar. 2. Class 39.

Burlington Mills, Inc., Burlington, Wis. Collar pads, saddle pads and housings. Serial No. 530,617, Mar. 2. Class 3.

Burt, Eugene, Company, Kansas City, Mo. Scalp and hair tonic. Serial No. 528,553, Mar. 2. Class 6.

C. & D. Prescription Pharmacy, Texas City, Tex. Preparation used in the treatment of colds and fever, and an ointment. Serial No. 517,161, Mar. 2. Class 6.

California Ink Company, Inc., The, San Francisco, Calif. Inks. Serial No. 537,412, Mar. 2. Class 11.

Cello-Masters, Incorporated, New York, N. Y. Cellophane and cellulose acetate bags. Serial No. 522,379, Mar. 2. Class 2.

Champion Paper and Fibre Company, The, Hamilton, Ohio. Mixture of chestnut wood and pine bark tannins. Serial No. 527,791, Mar. 2. Class 6.

Chemical Corporation of America, Los Angeles, Calif. Lubricating oil. Serial No. 507,968, Mar. 2. Class 15.

Climax Industries, Inc., Cleveland, Ohio. Preparation for cleaning wallpaper. Serial No. 529,367, Mar. 2. Class 4.

Coachella Valley Grape Growers Association Inc., Coachella, Calif. Fresh grapes. Serial No. 514,011, Mar. 2. Class 46.

Codo Manufacturing Corp., Coraopolis, Pa., and Chicago, Ill. Carbon paper. Serial No. 523,241, Mar. 2. Class 11.

Columbia Ribbon & Carbon Manufacturing Company, Inc., Glen Cove, N. Y. Carbon paper. Serial Nos. 535,303–4, Mar. 2. Class 11.

Corman & Wasserman, assignor to Corman & Wasserman, Inc., Baltimore, Md. Men's slacks and slacks and shirt ensembles. Serial No. 528,112, Mar. 2. Class 39.

Corman & Wasserman, Inc., assignee: *See*—
Corman & Wasserman.

De Luxe Girdlecraft Co. Inc., New York, N. Y. Maternity belts made of satin elastic material. Serial No. 534,756, Mar. 2. Class 39.

Diamond Case Co. Inc., New York, N. Y. Luggage. Serial No. 531,451, Mar. 2. Class 3.

Diversey Corporation, The, Chicago, Ill. Insecticide. Serial No. 514,528, Mar. 2. Class 6.

Diversey Corporation, The, Chicago, Ill. Scale and milkstone deposit remover in powdered form. Serial No. 531,778, Mar. 2. Class 4.

Eagle-Ottawa Leather Company, Grand Haven, Mich. Leather. Serial No. 522,856, Mar. 2. Class 1.

Eagle-Ottawa Leather Company, Grand Haven, Mich. Leather. Serial Nos. 522,860–1, Mar. 2. Class 1.

Edmilton Corporation, Ridgefield, Conn. Perfume dispensers. Serial No. 517,838, Mar. 2. Class 2.

Elbon Laboratories, The: *See*—
McNulty, William J.

Evans, Case Co., North Attleboro, Mass. Handbags. Serial No. 530,487, Mar. 2. Class 3.

Firestone Tire & Rubber Company, Akron, Ohio. Knitted, netted, and textile fabrics. Serial Nos. 495,020–1, Mar. 2. Class 42.

Forse Corporation, Anderson, Ind. Steam and air pressing machines. Serial No. 516,181, Mar. 2. Class 24.

French Art Silk Creations Co.: *See*—
Tardy, Suzanne.

Geigy Company, Inc., New York, N. Y. Insecticides. Serial No. 529,890, Mar. 2. Class 6.

Geigy Company, Inc., New York, N. Y. Insecticides. Serial No. 534,430, Mar. 2. Class 6.

General Dyestuff Corporation, New York, N. Y. Emulsifying agents. Serial No. 511,079, Mar. 2. Class 6.

Gorton, Slade, Company: *See*—
Gorton, Thomas S., Jr.

Gorton, Thomas S., Jr., doing business as Slade Gorton Company, Chicago, Ill. Frozen fish, smoked and frozen shrimp. Serial No. 514,273, Mar. 2. Class 46.

Graff, George B., Company, Cambridge, Mass. Paper clips, file-signals, and index tabs. Serial No. 527,030, Mar. 2. Class 37.

Great Atlantic & Pacific Tea Company, The, New York, N. Y. Dried apricots, peaches, prunes, etc. Serial No. 528,274, Mar. 2. Class 46.

Great Atlantic & Pacific Tea Company, The, New York, N. Y. Canned tomatoes, red beans, red kidney beans, etc. Serial No. 528,276, Mar. 2. Class 46.

Great Atlantic & Pacific Tea Company, The, New York, N. Y. Peanut butter; jam. Serial No. 528,277, Mar. 2. Class 46.

Gruber, Abe, New York, N. Y. Ladies' and misses' corsets and girdles. Serial No. 534,775, Mar. 2. Class 39.

Guth, Edwin F., Company, The, St. Louis, Mo. Electric lighting fixtures. Serial No. 527,007, Mar. 2. Class 21.

Guth, Edwin F., Company, St. Louis, Mo. Electric lighting fixtures. Serial No. 527,018, Mar. 2. Class 21.

Guth, Edwin F., Company, The, St. Louis, Mo. Fixtures for electric lights. Serial No. 527,103, Mar. 2. Class 21.

Hagerstown Leather Company, Hagerstown, Md. Billfolds. Serial No. 503,727, Mar. 2. Class 3.

Harnischefeger Corporation, Milwaukee, Wis. Electric generators; electric welding generators; electric welding transformers, etc. Serial No. 518,221, Mar. 2. Class 21.

House Beautiful Curtains, Inc., New York, N. Y. Window curtains and curtain materials. Serial No. 516,286, Mar. 2. Class 42.

Howland House Distributors: *See*—
McPheeters, Jeannette E.
Hudnut, Richard, New York, N. Y. Talcum powder, dusting powder, face powder, etc. Serial No. 503,446, Mar. 2. Class 6.
Huntington Medical Laboratory, Inc., Huntington, N. Y. Antigenic substance for asthma. Serial No. 532,453, Mar. 2. Class 6.
International Harvester Company, Chicago, Ill. Twine. Serial No. 530,204, Mar. 2. Class 7.
Itinerette Products Company, Vallejo, Calif. Toilet kit. Serial No. 515,663, Mar. 2. Class 50.
Johns-Manville Corporation, New York, N. Y. Flexible tubular thermal insulation. Serial No. 532,235, Mar. 2. Class 12.
Knapp-Monarch Company, St. Louis, Mo. Syphon bulbs or capsules. Serial Nos. 515,767–8, Mar. 2. Class 6.
Knapp-Monarch Company, St. Louis, Mo. Syphon bulbs or capsules. Serial No. 515,770, Mar. 2. Class 6.
Knoll, Jacob, doing business as Victory Winery, Lodi, Calif. Wines. Serial No. 515,315, Mar. 2. Class 47.
Kress & Owen Company, New York, N. Y. Cough drops. Serial No. 534,896, Mar. 2. Class 6.
Kungsholm Baking Co., Inc., Chicago, Ill. Cookies. Serial No. 496,634, Mar. 2. Class 46.
Kungsholm Baking Co., Inc., Chicago, Ill. Cookies. Serial No. 496,636, Mar. 2. Class 46.
Lactona Incorporated, St. Paul, Minn. Hair brushes and hair brush handles. Serial No. 500,987, Mar. 2. Class 29.
Lanman & Kemp-Barclay & Co., Incorporated, New York, N. Y. Soap. Serial No. 509,519, Mar. 2. Class 4.
Lanolin Corporation of America, Los Angeles, Calif. Facial oil for softening the skin. Serial No. 523,685, Mar. 2. Class 6.
La Venture, Wm. L., doing business as Adventure Co., Huntington Park, Calif. Foot cushions. Serial No. 531,687, Mar. 2. Class 44.
Lees, James, and Sons Company, Bridgeport, Pa. Yarns. Serial No. 523,674, Mar. 2. Class 43.
Les Parfums Norante, Société à Responsibilité Limitée, Melun, France. Perfumes, toilet waters, rouge lipstick, etc. Serial No. 528,497, Mar. 2. Class 6.
Lilly, Eli, and Company, Indianapolis, Ind. Medicinal preparation. Serial No. 530,738, Mar. 2. Class 6.
Little, A. P., Inc., Rochester, N. Y. Typewriter ribbons and carbon paper. Serial No. 535,418, Mar. 2. Class 11.
Mallinckrodt Chemical Works, St. Louis, Mo. Organic mercury compounds. Serial No. 504,371, Mar. 2. Class 6.
Mallinckrodt Chemical Works, St. Louis, Mo. Solution of egg albumin. Serial No. 526,929, Mar. 2. Class 6.
Manson Distributors: *See*—
Bode, Joe C., Jr.
Markem Machine Company, Keene, N. H. Ink for use in marking machines, and thinning compound for such inks. Serial No. 538,019, Mar. 2. Class 11.
McNulty, William J., doing business as The Elbon Laboratories, Montclair, N. J. Solution, the active ingredients of which are boric acid, pontocaine, etc. Serial No. 534,542, Mar. 2. Class 6.
McPheeters, Jeannette E., doing business as Howland House Distributors, Indianapolis, Ind. Cream shampoo. Serial No. 536,625, Mar. 2. Class 6.
Mighty Midget Leather Goods Co., New York, N. Y. Leather and fabric garment belts. Serial No. 518,245, Mar. 2. Class 39.
Miller, G. S., Co.: *See*—
Miller, Louis S.
Miller, Louis S., doing business as G. S. Miller Co., Sheffield, Mass. Oil. Serial No. 511,173, Mar. 2. Class 15.
Mitchellhill Seed Company, St. Joseph, Mo. Field seed and grass seed. Serial No. 523,601, Mar. 2. Class 1.
Mitcheom, Darrey D., doing business as Pensacola Coffee Company, Pensacola, Fla. Coffee. Serial No. 499,260, Mar. 2. Class 46.
Monsanto Chemical Company, St. Louis, Mo. Synthetic resins for general use. Serial No. 513,675, Mar. 2. Class 6.
Monsanto Chemical Company, St. Louis, Mo. Fire-repellent composition. Serial No. 514,617, Mar. 2. Class 6.
Monsanto Chemical Company, St. Louis, Mo. Chemical products. Serial No. 519,483, Mar. 2. Class 6.
Moss, Theron V., doing business as Southeastern Cordage, Cleveland, Ohio. Cotton, flax, jute, etc. Serial No. 531,232, Mar. 2. Class 7.
Muriel Blouse & Sportswear, New York, N. Y. Women's and misses' blouses. Serial No. 513,896, Mar. 2. Class 39.
New York Merchandise Co., Inc., New York, N. Y. Electric Christmas tree light sets. Serial No. 503,317, Mar. 2. Class 21.
Nussbaum, Helimuth, Belleville, N. J. Cleaner. Serial No. 513,331, Mar. 2. Class 4.
One Mor, Inc., Wilkes Barre, Pa. Nonalcoholic, noncereal, maltless beverages. Serial No. 504,683, Mar. 2. Class 45.
Onyx Oil & Chemical Company, Jersey City, N. J. Foaming agent. Serial No. 508,812, Mar. 2. Class 6.
Oronite Chemical Company, Wilmington, Del., and San Francisco, Calif. Cleaning, washing, and polishing compounds. Serial No. 538,583, Mar. 2. Class 4.
Paper Craft Products, Inc., Worcester, Mass. Greeting cards. Serial No. 532,156, Mar. 2. Class 38.
Parke, Davis & Company, Detroit, Mich. Hypnotic preparation. Serial No. 532,337, Mar. 2. Class 6.
Parker Pen Company, The, Janesville, Wis. Writing ink. Serial No. 509,722, Mar. 2. Class 11.
Pensacola Coffee Company: *See*—
Mitcheom, Darrey D.
Pepsi-Cola Company, Long Island City, N. Y. Sparkling carbonated water. Serial No. 490,963, Mar. 2. Class 45.
Pfizer, Chas., & Co., Inc., New York, N. Y. Penicillin preparation. Serial No. 526,912, Mar. 2. Class 6.
Quaker Ridge Farms Baking Co., Inc., New York, N. Y. Cookies, fruit preserves, marmalade, etc. Serial No. 521,821, Mar. 2. Class 46.
Quinn, J. W., Drug Company, Greenwood, Miss. Insecticides. Serial No. 524,564, Mar. 2. Class 6.
Resinous Products & Chemical Company, The, Philadelphia, Pa. Synthetic resinous materials. Serial No. 507,849, Mar. 2. Class 1.
Rivchun, Charles S., & Sons, Cleveland, Ohio. Watches and clocks. Serial No. 520,473, Mar. 2. Class 27.
Robbins, Anatole: *See*—
Robbins, Anatole, Inc.
Robbins, Anatole, Inc., Los Angeles, Calif. Perfume. Serial No. 524,817, Mar. 2. Class 6.
Robbins, Anatole, Inc., doing business as Anatole Robbins, Los Angeles, Calif. Make-up preparation for the face, etc. Serial No. 536,984, Mar. 2. Class 6.
Robinson Milling Company, The, Salina, Kans. Wheat flour. Serial No. 515,317, Mar. 2. Class 46.
Roerig, J. B., and Company, Chicago, Ill. Tooth powder. Serial No. 531,153, Mar. 2. Class 6.
Rohm & Haas Company, Philadelphia, Pa. Powdered synthetic resins and solutions thereof. Serial No. 534,474, Mar. 2. Class 6.
Rubico Brush Manufacturers, Inc., New York, N. Y. Paint brushes, wall brushes, stucco wall brushes, etc. Serial No. 533,204, Mar. 2. Class 29.
Schape Manufacturing Company, assignee: *See*—
Urdahl, Thomas H.
Selig Company, The, Atlanta, Ga. Disinfectant germicide. Serial No. 525,506, Mar. 2. Class 6.
Sharp & Dohme, Incorporated, Philadelphia, Pa. Preparation for uses comprising those of analgesic, anesthetic, hypnotic, etc., agents. Serial No. 535,188, Mar. 2. Class 6.
Sharp & Dohme, Incorporated, Philadelphia, Pa. Antibacterial preparation. Serial No. 535,189, Mar. 2. Class 6.
Simtex Mills, Division of Simmons Company, New York, N. Y. Table napery; bedspreads; tickings; etc. Serial Nos. 507,858–9, Mar. 2. Class 42.
Soil-Off Manufacturing Co., Glendale, Calif. Preparation in powdered form. Serial No. 509,172, Mar. 2. Class 4.
Southeastern Cordage: *See*—
Moss, Theron V.
Specific Pharmaceuticals, Inc., New York, N. Y. Medicinal or pharmaceutical preparation. Serial No. 531,624, Mar. 2. Class 6.
Strasenburgh, R. J., Company, Rochester, N. Y. Medicinal preparation. Serial No. 532,169, Mar. 2. Class 6.
Stromeyer, J., Company, Philadelphia, Pa. Molasses. Serial No. 510,126, Mar. 2. Class 46.
Susquehanna Chemical Corporation, Bradford, Pa. Charcoal. Serial No. 511,581, Mar. 2. Class 1.
Talon, Inc., Meadville, Pa. Staples. Serial No. 512,293, Mar. 2. Class 13.
Tardy, Suzanne, doing business as French Art Silk Creations Co., New York, N. Y. Wearing apparel. Serial No. 526,628, Mar. 2. Class 39.
Tennessee Corporation, New York, N. Y., and Tampa, Fla. Wettable sulphur. Serial No. 537,101, Mar. 2. Class 6.
Thermoid Company, Trenton, N. J. Transmission belting. Serial No. 531,540, Mar. 2. Class 35.
Thiriez, J., Pere & Fils & Cartier-Bresson, Societe a Responsabilite Limitee, Lille, France. Cotton thread. Serial No. 509,743, Mar. 2. Class 43.
Union Starch & Refining Company, Columbus, Ind. Marshmallow cream. Serial No. 513,992, Mar. 2. Class 46.
U. S. Sanitary Specialties Corporation, Chicago, Ill. Insecticide, deodorant, and disinfectant. Serial No. 531,632, Mar. 2. Class 6.
Urdahl, Thomas H., Orlando, Fla., assignor, by mesne assignments, to Schape Manufacturing Company, Baltimore, Md. Dehumidifying units. Serial No. 509,617, Mar. 2. Class 34.
Valentine Company, The, Seattle, Wash. Chemicals. Serial No. 530,264, Mar. 2. Class 6.
Victor Winery: *See*—
Knoll, Jacob.
West Coast Growers & Packers, Inc., Fresno, Calif. Seedless raisins, seeded raisins, and dried currants. Serial No. 512,035, Mar. 2. Class 46.
Williams, Geo. L., Company, The, Cleveland, Ohio. Soap. Serial No. 533,689, Mar. 2. Class 4.
Willis, Paul: *See*—
Willis, Paul G.
Willis, Paul G., doing business as Paul Willis, Long Beach, Calif. Beds, dressers, chest of drawers, etc. Serial No. 522,288, Mar. 2. Class 32.

LIST OF REGISTRANTS OF TRADE-MARKS

Adamopoulos, Peter, doing business as Adams Mfg. Co., Haverhill, Mass. Ointment for skin irritations. 436,985, Mar. 2; Serial No. 519,247, published Nov. 11, 1947. Class 6.
Adams Mfg. Co.: *See*—
Adamopoulos, Peter.
Adco, Inc.: *See*—
American Disinfecting Company.
Agency Paper Company, New York, N. Y. Papeteries, mailing envelopes, writing paper, etc. 436,970, Mar. 2; Serial No. 517,543, published Nov. 25, 1947. Class 37.
Air-Tred Shoe Corp: *See*—
Eaton, Charles A.
Allied Stores Corporation, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash., Dey Brothers & Company, Syracuse, N. Y., and Quackenbush Company, Paterson, N. J. Canned sardines, celery salt, and fruit jellies. 436,876, Mar. 2; Serial No. 499,597, published Dec. 2, 1947. Class 46.
American Axe and Tool Company, The, Pittsburgh, Pa., and Charleston, W. Va., by The American Fork and Hoe Company, Cleveland, Ohio. Axes, scythes, hatches, etc. 164,880, Feb. 27, 1928. Republished Mar. 2. Class 23.
American Brass Company, Waterbury, Conn. Wire, sheets, tubes, rods, and special shapes and ingots made of bronze. 239,610, renewed Mar. 6, 1948. O. G. Mar. 2. Class 14.
American Carbon Paper Mfg. Co., doing business as The Dunlee Company, Ennis, Tex. Rubbing alcohol, brilliantine, and rose hair oil. 436,913, Mar. 2; Serial No. 510,419, published Dec. 2, 1947. Class 6.
American Chair Company, Sheboygan, Wis. Davenports both sectional and stationary with matching chairs, upholstered occasional chairs, etc. 437,064, Mar. 2. Class 32.
American Crayon Company: *See*—
Hi-Jen Crayon Co.
American Disinfecting Company, by Adco, Inc., Sedalia, Mo. Liquid wax preparation. 252,967, Feb. 19, 1929. Republished Mar. 2. Class 16.
American Disinfecting Company, by Adco, Inc., Sedalia, Mo. Spray preparation. 261,304, Sept. 17, 1929. Republished Mar. 2. Class 6.
American Fork and Hoe Company, The: *See*—
American Axe and Tool Company, The.
Kelly Axe Manufacturing Company.
Skelton Shovel Co., Inc.
American Fork and Hoe Company, The, Cleveland, Ohio. Rail anchors and rail joint shims. 258,575, July 9, 1929. Republished Mar. 2. Class 14.
American Fork and Hoe Company, The, Cleveland, Ohio. Cultivators, seeders, forks, etc. 260,024, Aug. 13, 1929. Republished Mar. 2. Class 28.
American Home Foods, Inc.: *See*—
Washington, G., Coffee Refining Co.
American Locomotive Company: *See*—
Railway Steel Spring Company.
American Metal Products Corporation, San Francisco, Calif., to Universal Match Corporation, St. Louis, Mo. Automatic electrical lighters and dispensers. 241,802, renewed May 8, 1948. O. G. Mar. 2. Class 21.
American Solder & Flux Co.: *See*—
McBride, Frank D.
American Stove Company, Jersey City, N. J., and St. Louis, Mo., to American Stove Company, St. Louis, Mo. Gas stoves, gas ranges, gas heaters, etc. 66,758, renewed Dec. 24, 1947. O. G. Mar. 2. Class 34.
American Woolen Company, Boston, Mass. Woolen piece goods. 243,907, July 3, 1928. Republished Mar. 2. Class 42.
American Woolen Company, Boston, Mass. Woolen piece goods. 259,641, Aug. 6, 1929. Republished Mar. 2. Class 42.
Amity Products Co.: *See*—
Gallitano, Leo.
Ammco Tolls, Inc.: *See*—
Automotive Maintenance Machinery Co.
Anre: *See*—
Koenig, Harry D.
Antillean Music Features, Inc., New York, N. Y. Mechanically grooved phonograph records. 437,058, Mar. 2; Serial No. 525,761, published Dec. 9, 1947. Class 36.
Aris Gloves, Inc., New York, N. Y. Gloves and mittens. 436,988, Mar. 2; Serial No. 519,372, published Nov. 25, 1947. Class 39.
Ariston, Incorporated, New York, N. Y. Cut flowers. 436,951, Mar. 2; Serial No. 515,250, published Dec. 2, 1947. Class 1.
Arlington Window Shade Corporation, New York, N. Y. Venetian blinds. 437,074, Mar. 2. Class 32.
Armsby, J. K., Company, The, Chicago, Ill., and San Francisco, Calif., to California Packing Corporation, San Francisco, Calif. Dried fruits. 67,271, re-renewed Jan. 28, 1948. O. G. Mar. 2. Class 46.
Armsby, J. K., Company, The, Chicago, Ill., and San Francisco, Calif., to California Packing Corporation, San Francisco, Calif. Canned fruits and dried fruits. 67,278, re-renewed Jan. 28, 1948. O. G. Mar. 2. Class 46.
Armstrong Cork Company: *See*—
Armstrong Cork & Insulation Company.
Armstrong Cork Company, Mannheim Township, Lancaster County, Pa. Felt base floor coverings. 500,004, Mar. 2. Class 20.
Armstrong Cork & Insulation Company, Pittsburgh and Lancaster, Pa., by Armstrong Cork Company, Manheim Township, Manchester County, Pa. Boards or sheets. 250,503, Dec. 11, 1928. Republished Mar. 2. Class 12.
Atkins, E. C., and Company, Indianapolis, Ind. Machine knives. 229,630, July 5, 1927. Republished Mar. 2. Class 23.
Atkins, E. C., and Company, Indianapolis, Ind. Cross cut saws. 242,812, June 5, 1928. Republished Mar. 2. Class 23.
Atkins, E. C., and Company, Indianapolis, Ind. Files. 255,151, Apr. 16, 1929. Republished Mar. 2. Class 23.
Atkins, E. C., and Company, Indianapolis, Ind. Handsaw handles, handsaws, crosscut saws, etc. 271,387, June 3, 1930. Republished Mar. 2. Class 23.
Atkins, E. C., and Company, Indianapolis, Ind. Cutter blades. 283,211, May 19, 1931. Republished Mar. 2. Class 23.
Atlas Powder Company: *See*—
Potts Powder Company, The.
Attorney General of the United States: *See*—
Mühlens, Paul P.
Austin, Nichols & Co., Incorporated, Brooklyn, N. Y. Wine. 437,066, Mar. 2. Class 47.
Austinized Corporation: *See*—
Austinized Fabrics, Inc.
Austinized Fabrics, Inc., New York, N. Y., now by change of name Austinized Corporation. Piece goods of rayon. 436,940, Mar. 2; Serial No. 514,464, published Nov. 25, 1947. Class 42.
Automatic Ticket Register Corporation, New York, N. Y., to General Register Corporation, Long Island City, N. Y. Ticket printing, registering, and issuing machines. 234,624, renewed Nov. 1, 1947. O. G. Mar. 2. Class 26.
Automotive Maintenance Machinery Co., by Ammco Tolls, Inc., Chicago, Ill. Automotive maintenance tools. 282,012–13, Apr. 7, 1931. Republished Mar. 2. Class 23.
Avon Products, Inc., New York, N. Y. Perfume. 430,312, June 10, 1947. Canceled Jan. 6, 1948. O. G. Mar. 2. Class 6.
Axtell, Frances C., Bellingham, to F. C. Axtell, Seattle, Wash. Pills for constipation. 234,948, renewed Nov. 8, 1947. Mar. 2. Class 6.
B-I Beverage Co.: *See*—
B-I Beverage Company.
B-I Beverage Company, also doing business as B-I Beverage Co., St. Louis, Mo. Non-alcoholic, non-cereal, maltless, etc., beverages. 436,850, Mar. 2; Serial No. 474,017, published Nov. 25, 1947. Class 45.
B-L Company, Inc., The: *See*—
Blud Life Company, Inc.
Baar & Beards, Inc., New York, N. Y. Ladies' blouses. 437,045, Mar. 2; Serial No. 524,048, published Dec. 2, 1947. Class 39.
Bach, Vincent, Corporation, New York, N. Y. Wind and percussion musical instruments. 240,440, renewed Mar. 27, 1948. O. G. Mar. 2. Class 36.
Barbasol Company, The, Indianapolis, Ind. Paste-like preparation for shaving. 436,851, Mar. 2; Serial No. 477,833, published Nov. 18, 1947. Class 4.
Bassick Company, The, Bridgeport, Conn. Slider and wheels for furniture casters. 240,590, renewed Apr. 3, 1948. O. G. Mar. 2. Class 13.
Beacon Manufacturing Company, New Bedford, Mass. and Providence, R. I., to Beacon Manufacturing Company, Swannanoa, N. C. Cotton blankets. 236,176, renewed Dec. 6, 1947. O. G. Mar. 2. Class 42.
Beam, Edward, Jr., Washington, D. C. Gloves, belts, and shoes. 437,003, Mar. 2; Serial No. 520,680, published Dec. 2, 1947. Class 39.
Bear Brand Hosiery Co.: *See*—
Paramount Knitting Co.
Paramount Knitting Company.
Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 237,829, renewed Jan. 17, 1948. O. G. Mar. 2. Class 39.
Bearium Bearings, Inc., Buffalo, N. Y., to Bearium Metals Corporation, Rochester, N. Y. Lead and alloys used for bearing and packing metals. 240,220, renewed Mar. 20, 1948. O. G. Mar. 2. Class 14.
Bearium Bearings, Inc., to Bearium Metals Corporation, Buffalo, N. Y. Lead and alloys. 241,054, renewed Apr. 17, 1948. O. G. Mar. 2. Class 14.
Bearium Metals Corporation: *See*—
Bearium Bearings, Inc.

Beautykote Corporation, Newark, N. J. Automobile cleaner having incidental polishing qualities. 436,901, Mar. 2; Serial No. 507,097, published Nov. 11, 1947. Class 4.

Behrens, Sir Jacob, & Sons, Bradford, England. Piece goods wholly or mainly of wool. 436,962, Mar. 2; Serial No. 516,759, published Nov. 4, 1947. Class 42.

Bendix Aviation Corporation: *See*—
Bendix Brake Company.
Eclipse Machine Company.

Bendix Brake Company, Chicago, Ill., by Bendix Aviation Corporation, South Bend, Ind. Brakes and brake systems and parts thereof. 258,394, July 9, 1929. Republished Mar. 2. Class 19.

Bendix Brake Company, Chicago, Ill., by Bendix Aviation Corporation, South Bend, Ind. Rivets. 273,981, Aug. 19, 1930. Republished Mar. 2. Class 13.

Berkeley Company, by International Cellucotton Products Company, Chicago, Ill. Sanitary napkins. 249,257, Nov. 13, 1928. Republished Mar. 2. Class 44.

Berland Shoe Stores, Inc., The, St. Louis, Mo. Women's, girls', and children's shoes. 376,609, Apr. 2, 1940. Corrected. O. G. Mar. 2. Class 39.

Berland Shoe Stores, Inc., The, St. Louis, Mo. Women's, girls' and children's shoes. 388,691, July 8, 1941. Corrected. O. G. Mar. 2. Class 39.

Berland Shoe Stores, Inc., The, St. Louis, Mo. Women's shoes. 411,062, Jan. 2, 1945. Corrected. O. G. Mar. 2. Class 39.

Berland Shoe Stores, Inc., The, St. Louis, Mo. Women's shoes. 423,695, Sept. 10, 1946. Corrected. O. G. Mar. 2. Class 39.

Biggs Remedy Company, Fayetteville, N. C. Preparation for the treatment of minor aches and pains. 437,037, Mar. 2; Serial No. 523,456, published Dec. 2, 1947. Class 6.

Bilfred Enterprises, Los Angeles, Calif. Greeting cards. 436,885, Mar. 2; Serial No. 503,795, published Nov. 18, 1947. Class 38.

Billie and George, Inc., Brooklyn, N. Y. Shoes. 437,020, Mar. 2; Serial No. 521,789, published Dec. 9, 1947. Class 39.

Bishop, Dexter Co. Inc.: *See*—
Horton, Sidney.

Blud Life Company, Inc., to The B-L Company, Inc., Atlanta, Ga. Medicine. 210,926, renewed Mar. 30, 1946. O. G. Mar. 2. Class 6.

Bond Stores, Incorporated, New York, N. Y. Girls', misses' and women's suits, coats, dresses, etc. 436,854, Mar. 2; Serial No. 479,914, published Dec. 9, 1947. Class 39.

Bon Marche, The: *See*—
Allied Stores Corporation.

Bontee Laboratories, Pomona, Calif. Cleanser for manikins and similar painted or enameled display fixtures, etc. 436,889, Mar. 2; Serial No. 504,878, published May 6, 1947. Class 4.

Boott Mills, Lowell, Mass. Cotton or cotton and rayon scrim. 242,330, renewed May 22, 1948. O. G. Mar. 2. Class 42.

Boott Mills, Lowell, Mass. Curtains. 242,331, renewed May 22, 1948. O. G. Mar. 2. Class 42.

Borden Company, The, New York, N. Y. Ice cream stabilizer and improver ingredient. 436,968, Mar. 2; Serial No. 517,346, published Dec. 9, 1947. Class 46.

Botany Worsted Mills, Passaic, N. J., now by change of name Botany Mills, Inc. Soap and brushless shave cream. 436,925, Mar. 2; Serial No. 512,572, published Nov. 11, 1947. Class 4.

Boyle-Midway Inc.: *See*—
Wells & Richardson Company.

Brandenfels', Carl, Inc., St. Helens, Oreg. Tonics, stimulators and treatments for the scalp and hair. 436,918, Mar. 2; Serial No. 511,198, published Dec. 2, 1947. Class 6.

Breuer Electric Mfg. Co., Chicago, Ill. Electrically-driven portable electric blowers, suction cleaners, and sprayers. 246,727, Sept. 11, 1928. Republished Mar. 2. Class 21.

Briegleb, Gustav, The Firm of Amsterdam, Netherlands, to Societe Le Ripolin (Societe Anonyme Francaise de Peintures Laquees et d'Enduits Sous-Marins-Procedes Lefrance & Briegleb reunis), Paris, France. Painting-color and varnish. 30,076, re-renewed May 25, 1947. O. G. Mar. 2. Class 16.

Brock Chemical Co., Inc., North Abington, Mass. Penetrating oil preparations. 436,984, Mar. 2; Serial No. 519,055, published Nov. 11, 1947. Class 4.

Brooks Shoe Mfg. Co.: *See*—
Brooks Shoe Manufacturing Company.

Brooks Shoe Manufacturing Company, to Brooks Shoe Manufacturing Company (also known as Brooks Shoe Mfg. Co.), Philadelphia, Pa. Leather and fabric ballet slippers. 235,583, renewed Nov. 22, 1947. O. G. Mar. 2. Class 39.

Brown & Bigelow, St. Paul, Minn. Periodical. 228,600, June 7, 1927. Republished Mar. 2. Class 38.

Brown & Bigelow, St. Paul, Minn. Wall calendars, wall mailing cards, and greeting cards. 249,433, Nov. 13, 1928. Republished Mar. 2. Class 38.

Brown & Bigelow, St. Paul, Minn. Periodical. 249,632–3, Nov. 20, 1928. Republished Mar. 2. Class 38.

Brown & Bigelow, St. Paul, Minn. Periodical. 249,803, Nov. 20, 1928. Republished Mar. 2. Class 38.

Brown, Fred A., assignee: *See*—
Kezar, Hiram L.

Brown, Victor, Undies, Inc., New York, N. Y. Slips. 436,987, Mar. 2; Serial No. 519,370, published Nov. 18, 1947. Class 39.

Buescher Band Instrument Co., Elkhart, Ind. Band and orchestra instruments. 241,033, renewed Apr. 17, 1948. O. G. Mar. 2. Class 36.

Builder's Specialty Company: *See*—
Builder's Specialty Co., Inc.

Builder's Specialty Co., Inc., to George W. Orth, doing business as Builder's Specialty Company, Philadelphia, Pa. Cement colors. 232,170, renewed Sept. 6, 1947. O. G. Mar. 2. Class 12.

Burma-Vita Company, assignee: *See*—
Burma-Vita Co.

Burma-Vita Co., assignor to Burma-Vita Company, to Burma-Vita Company, Minneapolis, Minn. Shaving cream. 227,135, renewed Jan. 5, 1948. O. G. Mar. 2. Class 4.

Byard Manufacturing Company Limited, Nottingham, England. Silk lace nets. 436,856, Mar. 2; Serial No. 488,449, published Dec. 2, 1947. Class 42.

C & S Products: *See*—
Chappel, Albert R.

California Packing Corporation: *See*—
Armsby, J. K., Company, The.

California Packing Corporation, San Francisco, Calif. Canned fruits, canned vegetables, dried fruits, and catchup. 237,241, renewed Jan. 3, 1948. O. G. Mar. 2. Class 46.

Cameo Vineyards Co., Fresno, Calif. Brandy. 436,983, Mar. 2; Serial No. 519,046, published Nov. 11, 1947. Class 49.

Campana Corporation, by Campana Corporation (1928), Batavia, Ill. Skin-softening preparation. 234,573, Nov. 1, 1927. Republished Mar. 2. Class 6.

Campana Corporation (1928): *See*—
Campana Corporation.

Cando Company: *See*—
Cando Corporation, The.

Cando Corporation, The, Cambridge, Mass., by Cando Company, Boston, Mass. Deodorizers. 260,302, Aug. 20, 1929. Republished Mar. 2. Class 6.

Cannon Valley Milling Co.: *See*—
Stephenson, John W.

Caplin, Samuel: *See*—
Real Sport Clothing Co.

Carborundum Company, The, Niagara Falls, N. Y., by The Carborundum Company, Niagara Falls, N. Y. Grinding machines and parts thereof. 267,942, Mar. 4, 1930. Republished Mar. 2. Class 23.

Caron Corporation: *See*—
Daltroff, E., et Cie.

Caron Corporation of New York, N. Y., assignee: *See*—
Daltroff, E., et Cie.

Carrier Corporation: *See*—
York Heating & Ventilating Corporation.

Carter Products, Inc., New York, N. Y. Cosmetic preparations. 436,894, Mar. 2; Serial No. 505,041, published Dec. 2, 1947. Class 6.

Cascadian Fruit Shippers, Inc., also doing business as Cascadian Sales, Wenatchee, Wash. Fresh apples. 436,935, Mar. 2; Serial No. 514,007, published Sept. 16, 1947. Class 46.

Cascadian Sales: *See*—
Cascadian Fruit Shippers, Inc.

Central Wisconsin Canneries, to Minnesota Valley Canning Company, Beaver Dam, Wis. Canned peas and canned corn. 238,711, renewed Feb. 14, 1948. O. G. Mar. 2. Class 46.

Chamberlain, Evert H., doing business as Follow Me Plaks, Oak Park, Ill. Plaques of wood for display. 436,921, Mar. 2; Serial No. 511,980, published Dec. 2, 1947. Class 50.

Champion Animal Food Company, Minneapolis, Minn. Dog foods. 237,680, renewed Jan. 17, 1948. O. G. Mar. 2. Class 46.

Champion Coated Paper Company, The, by The Champion Paper and Fibre Company, Hamilton, Ohio. Mineral coated paper. 271,664, June 17, 1930. Republished Mar. 2. Class 37.

Champion Coated Paper Company, The, by The Champion Paper and Fibre Company, Hamilton, Ohio. Mineral coated paper. 271,757, June 17, 1930. Republished Mar. 2. Class 37.

Champion Paper and Fibre Company, The: *See*—
Champion Coated Paper Company, The.

Chappel, Albert R., Jerseyville, Ill., doing business as C & S Products, assignor to James T. Jones, St. Louis County, Mo. Hand cleaner. 436,936, Mar. 2; Serial No. 514,009, published Nov. 18, 1947. Class 4.

Charles of the Ritz, Inc., New York, N. Y. Toilet soap. 436,860, Mar. 2; Serial No. 491,398, published Apr. 9, 1946. Class 4.

Charleston Milling Company: *See*—
Charleston Milling & Produce Company.

Charleston Milling & Produce Company, by Charleston Milling Company, Charleston, W. Va. Flour. 182,643, Apr. 15, 1924. Republished Mar. 2. Class 46.

Charleston Milling & Produce Company, by Charleston Milling Company, Charleston, W. Va. Middlings, dairy feed, wheat flour, etc. 186,585, July 22, 1924. Republished Mar. 2. Class 46.

Charleston Milling & Produce Company, Charleston-Kanawha, W. Va., by Charleston Milling Company, Charleston, W. Va. Feed for live stock. 212,708, May 11, 1926. Republished Mar. 2. Class 46.

Charleston Milling & Produce Company, by Charleston Milling Company, Charleston, W. Va. Cake flour and for stock feed. 277,480, Nov. 11, 1930. Republished Mar. 2. Class 46.

Cheramy, Inc., New York, N. Y. Perfumes, toilet water, face powder, etc. 240,112, renewed Mar. 20, 1948. O. G. Mar. 2. Class 6.

Chestnut & Smith Corporation, Tulsa, Okla., to Lone Star Producing Company, Dallas, Tex. Gasoline. 235,487, renewed Nov. 22, 1947. O. G. Mar. 2. Class 15.

Chicago Carton Company, Chicago, Ill., by Chicago Carton Company, Chicago, Ill. Cartons and boxes. 275,984, Oct. 7, 1930. Republished Mar. 2. Class 2.

Chicago Eye Shield Company, Chicago, Ill. Protective garments. 436,878, Mar. 2; Serial No. 501,363, published Nov. 26, 1947. Class 39.

Chicago Spring Hinge Company, Chicago, Ill. Hinges. 212,396, May 4, 1926. Republished Mar. 2. Class 13.

Chicles Atlas, S. A., Guadalajara, Mexico. Chewing gum. 436,869, Mar. 2; Serial No. 497,231, published Dec. 9, 1947. Class 46.

Chocolate Products Company, Chicago, Ill. Chocolate syrups and powders. 281,421, Mar. 17, 1931. Republished Mar. 2. Class 46.

Christian Endeavor World, Inc., The: *See*—
Golden Rule Company, The.

Church Grape Juice Co., Kennewick, Wash. Grape juice. 437,065, Mar. 2. Class 45.

Cinemart, Incorporated, New York, N. Y. Physically cut and grooved disc sound recordings. 436,898, Mar. 2; Serial No. 506,229, published Dec. 2, 1947. Class 36.

Cities Service Oil Company, Cleveland, Ohio, to Cities Service Oil Company, Bartlesville, Okla. Kerosene, gasoline, lubricating oils, and greases. 231,505, renewed Aug. 23, 1947. O. G. Mar. 2. Class 15.

Cities Service Oil Company, Cleveland, Ohio, to Cities Service Oil Company, Bartlesville, Ohio. Gasoline, lubricating oils, and greases. 236,786, renewed Dec. 20, 1947. O. G. Mar. 2. Class 15.

Closure Service Company, The, by Owens-Illinois Glass Company, Toledo, Ohio. Closure caps. 309,885, Feb. 6, 1934. Republished Mar. 2. Class 50.

Cochran, Jacqueline, New York, N. Y., assignor to Jacqueline Cochran, Inc., Newark, N. J. Bath soaps and perfumed soaps. 436,990, Mar. 2; Serial No. 519,514, published Nov. 11, 1947. Class 4.

Cochran, Jacqueline, Inc.: *See*—
Cochran, Jacqueline.

Cohn-Hall-Marx Co., New York, N. Y. Piece goods of cotton, rayon, wool, etc. 436,858, Mar. 2; Serial No. 490,286, published Nov. 25, 1947. Class 42.

Cohn-Hall-Marx Co., New York, N. Y. Piece goods. 436,954, Mar. 2; Serial No. 515,541, published Dec. 2, 1947. Class 42.

Colledge, E. W., General Sales Agent, Inc., Jacksonville, Fla. Pine tar. 235,384, renewed Nov. 15, 1947. O. G. Mar. 2. Class 1.

Colorado Milling & Elevator Co., The, also doing business as The Pacific Seed House, Denver, Colo., and Salt Lake City, Utah, to Kelly-Western Seed Company, Salt Lake City, Utah. Horse feed, cow feed, chicken feed, etc. 232,417, renewed Sept. 6, 1947. O. G. Mar. 2. Class 46.

Columbian Enameling & Stamping Co., by Columbian Enameling & Stamping Co., Inc., Terre Haute, Ind. Enameled ware. 269,510, Apr. 8, 1930. Republished Mar. 2. Class 13.

Columbian Enameling & Stamping Co., Inc.: *See*—
Columbian Enameling & Stamping Co.

Comfort Paper Corporation: *See*—
National Paper Products Company.

Comic Togs, Inc., New York, N. Y. Infants', children's, girls', and misses' coats, sweaters, caps, etc. 437,002, Mar. 2; Serial No. 520,552, published Dec. 2, 1947. Class 39.

Compania General de Tabacos de Filipinas, New York, N. Y., to Compania General de Tabacos de Filipinas, Barcelona, Spain. Cigars. 240,270, renewed Mar. 20, 1948. O. G. Mar. 2. Class 17.

Concordia-Gallia Corporation, New York, N. Y. Textile fabrics in the piece. 437,056, Mar. 2; Serial No. 525,478, published Dec. 2, 1947. Class 42.

Concordian Shoe Company, The: *See*—
Hill, George A., Jr.

Con-ferro Paint & Varnish Company, St. Louis, Mo., and New York, N. Y. Paint enamel. 436,943, Mar. 2; Serial No. 514,577, published Oct. 14, 1947. Class 16.

Consolidated Cosmetics, Chicago, Ill. Silver polish, shoe polish, toilet soap, etc. 436,915, Mar. 2; Serial No. 510,764, published Nov. 11, 1947. Class 4.

Continental Building Specialties, Los Angeles, Calif., by L. M. Scofield Company, Huntingdon Park, Los Angeles, Calif. Composition building materials. 246,880, Sept. 18, 1928. Republished Mar. 2. Class 12.

Converted Rice, Inc., Houston, Tex. Rice. 436,998–9, Mar. 2; Serial Nos. 520,321–2, published Dec. 9, 1947. Class 46.

Cooper, Leo M., doing business as Leo M. Cooper Co., New York, N. Y. Uniform dresses. 236,856, renewed Dec. 27, 1947. O. G. Mar. 2. Class 39.

Cooper, Leo M., Co.: *See*—
Cooper, Leo M.

Cormany, S. J., Jr., doing business as Million Dollar Grape Manufacturing Company, Mount Vernon, Ill. Nonalcoholic, non-cereal maltless beverages. 436,949, Mar. 2; Serial No. 514,887, published Nov. 18, 1947. Class 45.

Coronet Beauty Products, Inc., Hartford, Conn. Cold-wave preparation. 436,978, Mar. 2; Serial No. 518,718, published Dec. 2, 1947. Class 6.

Coules, James D., Boston, Mass. French pastries and ice cream. 296,889, Aug. 23, 1932. Canceled Feb. 6, 1948. O. G. Mar. 2. Class 46.

Cove Creek Industries, Inc., Covesville, Va. Prepared clay. 437,000, Mar. 2; Serial No. 520,325, published Nov. 18, 1947. Class 1.

Crescent Brass & Pin Company, Detroit, Mich. Nails. 272,503, July 8, 1930. Republished Mar. 2. Class 13.

Crescent Tool Company, Jamestown, N. Y. Wrenches and pliers. 67,460, re-renewed Feb. 4, 1948. O. G. Mar. 2. Class 23.

Crest Company, The, Chicago, Ill. Electrical lamps, torchères, and candelabra. 234,588, renewed Nov. 1, 1947. O. G. Mar. 2. Class 21.

Crest Company, The, Chicago, Ill. Electrical lamps, torchères and candelabra. 236,711, renewed Dec. 20, 1947. O. G. Mar. 2. Class 21.

Crest Company, The, Chicago, Ill. Ferneries, ornamental chairs, benches, etc. 238,017, renewed Jan. 24, 1948. O. G. Mar. 2. Class 32.

Crest Fabrics Corp., New York, N. Y. Ladies', misses' and girls' dresses, blouses, playsuits, etc. 437,028, Mar. 2; Serial No. 522,495, published Nov. 18, 1947. Class 39.

Crown Margarin Company, St. Louis, Mo. Oleomargarin. 145,550, Aug. 9, 1921. Canceled Feb. 6, 1948. O. G. Mar. 2. Class 46.

Crown Overall Manufacturing Company, The: *See*—
Larned, Carter & Company.

Crown Willamette Paper Company, by Crown Zellerbach Corporation, also doing business as Crown Willamette Paper Company, San Francisco, Calif. Papers. 250,760, Dec. 18, 1928. Republished Mar. 2. Class 37.

Crown Willamette Paper Company, by Crown Zellerbach Corporation, doing business as National Paper Products Sales Company, San Francisco, Calif. Paper towels. 254,308, Mar. 19, 1929. Republished Mar. 2. Class 37.

Crown Zellerbach Corporation: *See*—
Crown Willamette Paper Company.

D. & B. Pump and Supply Co., by Emsco Derrick & Equipment Company, Los Angeles, Calif. Well pumps, well-pump parts and fittings, etc. 204,079, Oct. 6, 1925. Republished Mar. 2. Class 23.

D. D. D. Corporation, Batavia, Ill. Toilet soap. 276,653, Oct. 21, 1930. Republished Mar. 2. Class 4.

Daltroff, E., et Cie., doing business as Parfumerie Caron, assignor to Caron Corporation of New York, N. Y., Paris, France, by Caron Corporation, New York, N. Y. Perfume. 255,198, Apr. 16, 1929. Republished Mar. 2. Class 6.

Daltroff, E., et Cie, doing business as Parfumerie Caron, assignor to Caron Corporation of New York, N. Y., Paris, France, by Caron Corporation, New York, N. Y. Perfume. 257,146, May 28, 1929. Republished Mar. 2. Class 6.

Darling Shoe Co.: *See*—
Oloff, Morris.

Davies-Young Soap Company, The, Dayton, Ohio. Carpet and rug soap. 258,011, June 25, 1929. Republished Mar. 2. Class 4.

Dean-Osking Company, to Dean Osking Company, Hatton, N. Dak. Graded raw potatoes. 234,389, renewed Oct. 25, 1947. O. G. Mar. 2. Class 46.

De Herrera, Carmela Nieto; E Hijos, Habana, Cuba, and New York, N. Y., by Lanolin Plus Cosmetics, Inc., Chicago, Ill. Perfumes, toilet waters, toilet powders, etc. 256,386, May 14, 1929. Republished Mar. 2. Class 6.

De la Vallade, Mathew K., Los Angeles, Calif. Brassières. 436,912, Mar. 2; Serial No. 510,163, published Nov. 18, 1947. Class 39.

Demoro, V.: *See*—
Demoro, Virginia.

Demoro, Virginia, doing business as V. Demoro, Riverdale, N. Y. Skin lotion. 434,162, Nov. 11, 1947. Corrected. O. G. Mar. 2. Class 6.

Desco Shoe Corporation, Long Island City, N. Y. Ladies' and misses' shoes. 437,027, Mar. 2; Serial No. 522,462, published Dec. 9, 1947. Class 39.

Dewar, John, & Sons, Limited, Perth, Scotland. Whisky. 66,490, re-renewed Dec. 3, 1947. O. G. Mar. 2. Class 49.

Dey Brothers & Company: *See*—
Allied Stores Corporation.

Die Eau de Cologne- & Parfumerie Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mülhens: *See*—
Mülhens, Paul P.

Divco Corporation: *See*—
Divco-Detroit Corporation.

Divco-Detroit Corporation, by Divco Corporation, Detroit, Mich. Motor trucks and constructive parts thereof. 248,683, Oct. 30, 1928. Republished Mar. 2. Class 19.

Doran, W. B., Men's Store, assignor to W. B. Doran Men's Store, Inc., Rockford, Ill. Men's and boys' wearing apparel. 436,897, Mar. 2; Serial No. 505,741, published Dec. 2, 1947. Class 39.

Doran, W. B., Men's Store, Inc.: *See*—
Doran, W. B., Men's Store.

Dow Chemical Company, The, Midland, Mich. Thermoplastic synthetic resins. 385,043, Feb. 11, 1941. Cancelled Feb. 3, 1948. O. G. Mar. 2. Class 1.

Dow Chemical Company, The, Midland, Mich. Films, foil, or sheets composed of co-polymers of vinylidene chloride etc. 406,036, Mar. 7, 1944. Cancelled Feb. 3, 1948. O. G. Mar. 2. Class 37.

Dow Corning Corporation, Midland, Mich. Compositions in physical character comparable to milled and compounded rubber. 436,948, Mar. 2; Serial No. 514,807, published Dec. 2, 1947. Class 1.

Drake Bakeries, Incorporated, Brooklyn, N. Y. Cookies. 437,016, Mar. 2; Serial No. 521,570, published Nov. 11, 1947. Class 46.

Dubl-Rich Bottling Co.: *See*—
Pruzan, Saul.

Dunlee Company, The: *See*—
American Carbon Paper Mfg. Co.

Durand & Huguenin S. A., Basel, Switzerland. Artificial dyestuffs and chemical products. 231,675, renewed Aug. 23, 1947. O. G. Mar. 2. Class 6.

Durst, S. F., & Co., Inc., Philadelphia, Pa. Sterile, injectible solution of vitamins of the B-complex group. 436,995, Mar. 2; Serial No. 520,150, published Dec. 2, 1947. Class 6.

Durst, S. F., & Co., Inc., Philadelphia, Pa. Sterile injectible solution and/or microsuspension of crystalline progesterone. 436,996, Mar. 2; Serial No. 520,151, published Dec. 2, 1947. Class 6.

Dziaklewicz, Zofia D., doing business as Fifth Avenue Cosmetics, New York, N. Y. Cleansing cream, medicated cream, hormone cream, etc. 437,036, Mar. 2; Serial No. 523,446, published Dec. 2, 1947. Class 6.

Eagle Roller Mill Co.: *See*—
New Ulm Roller Mill Company.

Eaton, Charles A., Company, Brockton, Mass., to Air-Tred Shoe Corp., Auburn, Maine. Shoes. 232,607, renewed Sept. 13, 1947. O. G. Mar. 2. Class 39.

Eau de Cologne & Parfumerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mülhens: *See*—
Mülhens, Paul P.

Eclipse Machine Company, to Bendix Aviation Corporation, Elmira Heights, N. Y. Drives and parts of drives. 169,006, renewed Jan. 5, 1948. O. G. Mar. 2. Class 23.

Ehlers, Albert, Inc.: *See*—
Little, Mildred A.

Electric Power Equipment Corporation, to Electric Power Equipment Corporation, Philadelphia, Pa. Switches, bus-bar clamps, bus supports, etc. 238,412, renewed Feb. 7, 1948. O. G. Mar. 2. Class 21.

Elimore Silver Co., Inc., The, Meriden, Conn. Forks, knives, spoons, etc. 437,033, Mar. 2; Serial No. 523,046, published Dec. 9, 1947. Class 28.

Elimore Silver Co., Inc., The, Meriden, Conn. Forks, knives, spoons, etc. 437,040–1; Mar. 2; Serial Nos. 523,888–9, published Dec. 9, 1947. Class 28.

Elroy, Aurora, New York, N. Y. Ladies', misses', and juniors' garments. 436,922, Mar. 2; Serial No. 511,990, published Nov 18, 1947. Class 39.

Empire Briar Pipe Co., Inc., Brooklyn, N. Y. Smokers' pipes. 436,849, Mar. 2; Serial No. 473,774, published Sept. 9, 1947. Class 8.

Empire Shape Preserver Hanger Co.: *See*—
Levenson, Augusta.

Emsco Derrick & Equipment Company: *See*—
D. & B. Pump and Supply Co.

Enid Frocks, Inc., to Maiden Form Brassiere Co., Inc., New York, N. Y. Brassières. 192,834, renewed Jan. 5, 1948. O. G. Mar. 2. Class 39.

Envostat Distributors, Cincinnati, Ohio. Combination envelope and statement form. 437,057, Mar. 2; Serial No. 525,479, published Nov. 25, 1947. Class 37.

Everhot Heater Company, Detroit, Mich. Water heaters. 239,835, renewed Mar. 13, 1948. O. G. Mar. 2. Class 34.

Express Rubber Co., Limited, The, London, England. Waterproof and rainproof coats. 236,906, renewed Dec. 27, 1947. O. G. Mar. 2. Class 39.

Fashion Form Mfg. Corporation, White Plains, N. Y. Garter belts. 436,952, Mar. 2; Serial No. 515,375, published Nov. 18, 1947. Class 39.

Federal Phosphorus Company, Birmingham, Ala., by Monsanto Chemical Company, St. Louis, Mo. Chlorinated aromatic hydrocarbons and their derivatives. 271,947, June 17, 1930. Republished Mar. 2. Class 6.

Felt and Tarrant Manufacturing Company, Chicago, Ill. Periodical. 249,028, Nov. 6, 1928. Republished Mar. 2. Class 38.

Felters Company, The, Boston, Mass. Felt. 436,986, Mar. 2; Serial No. 519,323, published Oct. 28, 1947. Class 50.

Ferguson, W. R., doing business as W. R. Ferguson Company, Los Angeles, Calif. Soda crackers, canned fruits, canned vegetables, etc. 437,034, Mar. 2; Serial No. 523,102, published Nov. 25, 1947. Class 46.

Ferguson, W. R., Company: *See*—
Ferguson, W. R.

Fifth Avenue Cosmetics: *See*—
Dziaklewicz, Zofia D.

Fish & Lenox Co., Newark, N. J. Butter. 72,902, Mar. 2, 1909. Canceled Jan. 28, 1948. O. G. Mar. 2. Class 46.

Fisher, Herman C., to Herman C. Fisher Company, San Francisco, Calif. Almonds. 235,460, renewed Nov. 22, 1947. O. G. Mar. 2. Class 46.

Fisher, Herman C., Company: *See*—
Fisher, Herman C.

Florsheim Shoe Company, The, Chicago, Ill. Shoes. 436,920, Mar. 2; Serial No. 511,603, published Dec. 9, 1947. Class 39.

Follow Me Flaks: *See*—
Chamberlain, Evert H.

Form Flex Foundations, Inc., New York, N. Y. Corsets and girdles. 437,048, Mar. 2; Serial No. 524,602, published Dec. 9, 1947. Class 39.

Franco Corset Company, New York, N. Y. Corsets. 268,070, Mar. 4, 1930. Republished Mar. 2. Class 39.

Freeman-Daughaday Company, Providence, R. I. Jewelry. 436,904, Mar. 2; Serial No. 507,355, published Dec. 2, 1947. Class 28.

Friedlander, Sam, Inc., New York, N. Y. Ladies' dresses. 437,051, Mar. 2; Serial No. 524,698, published Dec. 9, 1947. Class 39.

Gallaher Limited, Belfast, Northern Ireland. Smoking and chewing tobacco. 237,883, renewed Jan. 17, 1948. O. G. Mar. 2. Class 17.

Gallitano, Leo, doing business as Amity Products Co., Waltham, Mass. Chemical for coloring hearth fires. 436,960, Mar. 2; Serial No. 517,360, published Dec. 9, 1947. Class 6.

Gantner & Mattern Company, San Francisco, Calif. Swimsuits, coats, jackets, etc. 436,928, Mar. 2; Serial No. 513,045, published Dec. 2, 1947. Class 39.

Gantner & Mattern Company, San Francisco, Calif. Swimsuits, coats, jackets, etc. 436,930, Mar. 2; Serial No. 513,173, published Dec. 2, 1947. Class 39.

Gates Rubber Company, The, Denver, Colo. Rubber and garden hose. 257,568, June 11, 1929. Republished Mar. 2. Class 35.

Gehring, Henry, Company, The, Cleveland, Ohio, to Maurice J. White, Rochester, N. Y. Ginger ale. 232,369, renewed Sept. 6, 1947. O. G. Mar. 2. Class 45.

General Fireproofing Company, The, Youngstown, Ohio. Safes, filing safes, note cases, etc. 273,959, Aug. 19, 1930. Republished Mar. 2. Class 25.

General Foods Corporation: *See*—
New York Canners, Inc.

General Register Corporation: *See*—
Automatic Ticket Register Corporation.

General Tire and Rubber Company, The, Akron, Ohio. Vehicle tires. 246,976, Sept. 18, 1928. Republished Mar. 2. Class 35.

Globe Tailoring Company, The, Cincinnati, Ohio. Men's, young men's, and boys' clothing. 437,075, Mar. 2. Class 39.

Globe-Union Inc.: *See*—
Globe-Union Mfg. Co.

Globe-Union Mfg. Co., by Globe-Union Inc., Milwaukee, Wis. Wet storage batteries. 271,944, June 17, 1930. Republished Mar. 2. Class 21.

Globe-Wernicke Co., The: *See*—
Globe-Wernicke Company, The.

Globe-Wernicke Company, The, Cincinnati, Ohio, by The Globe-Wernicke Co., Norwood, Ohio. Document-files. 63,197, June 11, 1907. Republished Mar. 2. Class 37.

Globe-Wernicke Company, The, Cincinnati, Ohio, by The Globe-Wernicke Co., Norwood, Ohio. Bookcases, legal-blank cases, etc. 63,441–2, June 18, 1907. Republished Mar. 2. Class 32.

Globe-Wernicke Company, The, Cincinnati, Ohio, by The Globe-Wernicke Co., Norwood, Ohio. Document files. 63,724, July 2, 1907. Republished Mar. 2. Class 37.

Globe-Wernicke Company, The, Cincinnati, Ohio, by The Globe-Wernicke Co., Norwood, Ohio. Board clips and parts thereof, document-files, compressor-covers, etc. 63,725, July 2, 1907. Republished Mar. 2. Class 37.

Globe-Wernicke Company, The, Cincinnati, Ohio, by The Globe-Wernicke Co., Norwood, Cincinnati, Ohio. Document-files, shelf-boxes, etc. 63,726, July 2, 1907. Republished Mar. 2. Class 37.

Glyco Products Co. Inc., Brooklyn, N. Y. Emulsifying agent. 436,919, Mar. 2; Serial No. 511,552, published Dec. 9, 1947. Class 6.

Goldberg-Kirschman Company, New York, N. Y. Jewelry. 436,865, Mar. 2; Serial No. 493,952, published Dec. 2, 1947. Class 28.

Golden Nugget Sweets, by Golden Nugget Sweets Ltd., San Francisco, Calif. Candy. 269,832, Apr. 22, 1930. Republished Mar. 2. Class 46.

Golden Nugget Sweets Ltd.: *See*—
Golden Nugget Sweets.

Golden Rule Company, The, Boston, Mass., to The Christian Endeavor World, Inc., Columbus, Ohio. Magazines. 55,381, re-renewed Aug. 14, 1946. O. G. Mar. 2. Class 38.

Golden Valley Fruit Company, Brownsville, Tex. Fresh citrus fruit. 436,910, Mar. 2; Serial No. 509,838, published Dec. 9, 1947. Class 46.

Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Footwear. 436,927, Mar. 2; Serial No. 512,737, published Dec. 2, 1947. Class 39.

Gordon, Pauline, doing business as Pollyanna Pillow Company, Pawtucket, R. I. Pillows. 437,018, Mar. 2; Serial No. 521,735, published Nov. 25, 1947. Class 32.

Governor and Company of Adventurers of England Trading into Hudson's Bay, The, to Job Bros. & Co. Ltd., St. Johns, Newfoundland. Fresh frozen and canned fish. 235,261–2, renewed Nov. 15, 1947. O. G. Mar. 2. Class 46.

Governor and Company of Adventurers of England Trading into Hudson's Bay, The, Winnipeg, Canada. Smoking and/or chewing tobacco. 296,152, July 26, 1932. Canceled Jan. 21, 1948. O. G. Mar. 2. Class 17.

Graphic Arts Corporation of Ohio, Toledo, Ohio. Lithographing printing plates. 437,013, Mar. 2; Serial No. 521,388, published Nov. 18, 1947. Class 50.

Green, Alexandre M., New York, N. Y. Fabric scarfs for women's wear. 261,276, Sept. 10, 1929. Canceled Feb. 6, 1948. O. G. Mar. 2. Class 39.

Greenblatt, Samuel, doing business as Monogram Soap Company, Hollywood, Calif. Soap. 436,864, Mar. 2; Serial No. 493,924, published Feb. 11, 1947. Class 4.

Gross Metal Products Company, Minneapolis, Minn., by Siems Bros. Inc., St. Paul, Minn. Hollow sheet-metal units. 261,928, Sept. 24, 1929. Republished Mar. 2. Class 12.

Hall, William H., deceased; H. J. S., W. H., and M. M. Hall, and I. Hawley, executors, to Hall & Ruckel, Inc., New York, N. Y. Dentifrices in liquid, powder, paste, and soap form. 65,631, re-renewed Oct. 15, 1947. O. G. Mar. 2. Class 6.

Hall, Martha M., executrix, et al.: *See*—
Hall, William H.

Hall & Ruckel, Inc.: *See*—
Hall, William H.

Hall, Wm. Henry, executor, et al.: *See*—
Hall, William H.

Halt Brassiere Co. Inc., New York, N. Y. Brassières. 437,052, Mar. 2; Serial No. 524,704, published Dec. 9, 1947. Class 39.

Hammer Company, The, Cleveland, Ohio. Muscatel, sherry, and port wines. 437,072, Mar. 2. Class 47.

Hark Company, The, Lockhart, Tex. Healing ointment or salve. 436,933, Mar. 2; Serial No. 513,564, published Dec. 9, 1947. Class 6.

Harlis Inc.: *See*—
San-I-Sal Laboratories, Inc.

Hart-Ross Coal Company, Mortons Gap, Ky. Coal. 434,249, Nov. 11, 1947. Corrected. O. G. Mar. 2. Class 1.

Hartman Furniture and Carpet Company, by United Furniture Stores, Chicago, Ill. Kitchen gas ranges. 253,446, Feb. 25, 1929. Republished Mar. 2. Class 34.

Hartmann Company: *See*—
Hartmann Trunk Company.

Hartmann Trunk Company, by Hartmann Company, Racine, Wis. Imitation-leather lining for trunks. 197,920, Apr. 28, 1925. Republished Mar. 2. Class 3.

Hartmann Trunk Company, by Hartmann Company, Racine, Wis. Wardrobe cases, suitcases, luggage, etc. 253,559, Feb. 26, 1929. Republished Mar. 2. Class 3.

Hartung, Tom P.: *See*—
Kezar, Hiram L.

Haspel Brothers, Inc., New Orleans, La. Men's and boys' suits, pants, and vests. 437,014, Mar. 2; Serial No. 521,448, published Nov. 18, 1947. Class 39.

Hawley, Irad, executor, et al.: *See*—
Hall, William H.

Heald Machine Company, The, Worcester, Mass. Precision grinding machines. 248,760, Oct. 30, 1928. Republished Mar. 2. Class 23.

Hearn Department Stores, Inc.: *See*—
Hearn, James A., & Son, Inc.

Hearn, James A., & Son, Inc., to Hearn Department Stores, Inc., New York, N. Y. Cotton piece goods. 235,063, renewed Nov. 8, 1947. O. G. Mar. 2. Class 42.

Hearn, James A., & Son, Inc., to Hearn Department Stores, Inc., New York, N. Y. Hosiery. 236,859, renewed Dec. 27, 1947. O. G. Mar. 2. Class 39.

Herwitz, Frances, doing business as Morrillcraft Company, Brookline, Mass. Clothes hangers. 436,992, Mar. 2; Serial No. 520,031, published Nov. 4, 1947. Class 50.

Hewitt, Charles, & Sons Co., Des Moines, Iowa, to Winston and Newell Company, Minneapolis, Minn. Tea and coffee. 65,821, re-renewed Oct. 22, 1947. O. G. Mar. 2. Class 46.

Hi-Jen Crayon Co., Valley Park, Mo., to The American Crayon Company, Sandusky, Ohio. Crayons. 235,076, renewed Nov. 8, 1947. O. G. Mar. 2. Class 37.

Hill, George A., Jr., doing business as The Concordian Shoe Company, West Concord, Mass. Men's shoes. 437,023, Mar. 2; Serial No. 522,099, published Dec. 9, 1947. Class 39.

Holmes-Darst Coal Corporation, Knoxville, Tenn. Coal. 436,861, Mar. 2; Serial No. 491,831, published Nov. 18, 1947. Class 1.

Holton & Adams, to Holton & Adams, Inc., New York, N. Y. Brushes. 66,951, re-renewed Jan. 7, 1948. O. G. Mar. 2. Class 29.

Holton & Adams, Inc.: *See*—
Holton & Adams.

Hookless Fastener Company, by Talon, Inc., Meadville, Pa. Separable fasteners. 250,113, Nov. 27, 1928. Republished Mar. 2. Class 13.

Hookless Fastener Company, by Talon, Inc., Meadville, Pa. Tobacco pouches, cigarette cases, and cigar cases. 270,090, Apr. 29, 1930. Republished Mar. 2. Class 8.

Hookless Fastener Company, by Talon, Inc., Meadville, Pa. Tobacco pouches, cigarette cases, and cigar cases. 270,509, May 6, 1930. Republished Mar. 2. Class 8.

Hookless Fastener Company, by Talon, Inc., Meadville, Pa. Handbags, pocketbooks, portable cases, etc. 270,773, May 13, 1930. Republished Mar. 2. Class 3.

Hookless Fastener Company, by Talon, Inc., Meadville, Pa. Separable fasteners. 271,179, Mar. 27, 1930. Republished Mar. 2. Class 13.

Hookless Fastener Company, by Talon, Inc., Meadville, Pa. Bridge sets, tennis racket covers, and golf bags. 271,679–80, June 17, 1930. Republished Mar. 2. Class 22.

Hookless Fastener Company, by Talon, Inc., Meadville, Pa. Handbags, pocketbooks, portable cases, etc. 272,191, July 1, 1930. Republished Mar. 2. Class 3.

Hookless Fastener Company, by Talon, Inc., Meadville, Pa. Trunks for gym suits or swimming suits; boots and shoes, children's blouses, etc. 273,995, Aug. 19, 1930. Republished Mar. 2. Class 39.

Hookless Fastener Company, by Talon, Inc., Meadville, Pa. Trunks for gym suits or swimming suits; boots and shoes, children's blouses, etc. 274,250, Aug. 26, 1930. Republished Mar. 2. Class 39.

Hoosier Industries, Inc., La Porte, Ind. Revolving clothes racks and revolving shelf units and cabinets. 436,914, Mar. 2; Serial No. 510,690, published Nov. 18, 1947. Class 32.

Horton, Sidney, to Dexter Bishop Co. Inc., New York, N. Y. Butter. 241,116, renewed Apr. 17, 1948. O. G. Mar. 2. Class 46.

House Beautiful Curtains, Inc., New York, N. Y. Window curtains, drapes, and curtain and drapery fabrics in the piece. 437,054, Mar. 2; Serial No. 525,331, published Dec. 2, 1947. Class 42.

Household Aids Co., San Francisco, Calif. Cleaning preparation. 436,997, Mar. 2; Serial No. 520,215, published Nov. 11, 1947. Class 4.

Hoyo & Fernandez Sociedad en Comandita, Habana, Cuba. Banana flour, wheat flour, lentil flour, etc. 436,867, Mar. 2; Serial No. 494,790, published Dec. 9, 1947. Class 46.

Hudnut, Richard, New York, N. Y. Lipstick, rouge, and face powder. 436,937, Mar. 2; Serial No. 514,037, published Dec. 9, 1947. Class 6.

Hudnut, Richard, New York, N. Y. Lipsticks. 436,941, Mar. 2; Serial No. 514,476, published Dec. 9, 1947. Class 6.

Hudson, H. D., Manufacturing Company: *See*—
Hudson Manufacturing Co.

Hudson, H. D., Manufacturing Company, Chicago, Ill. Poultry equipment. 437,071, Mar. 2. Class 50.

Hudson Manufacturing Co., Minneapolis, Minn., to H. D. Hudson Manufacturing Company, Chicago, Ill. Hand-operated portable sprayers and parts thereof. 232,872–3, renewed Sept. 20, 1947. O. G. Mar. 2. Class 23.

Hudson Manufacturing Co., Minneapolis, Minn., to H. D. Hudson Manufacturing Company, Chicago, Ill. Hand-operated portable sprayers and parts thereof. 232,943, renewed Sept. 20, 1947. O. G. Mar. 2. Class 23.

Humitube Mfg. Co., Peoria, Ill. Containers of a diaphanous material. 270,633, May 13, 1930. Republished Mar. 2. Class 2.

Hunter Milling Co., The, Wellington, Kans. Wheat-flour. 64,310, re-renewed July 30, 1947. O. G. Mar. 2. Class 46.

Inderrieden Canning Co., by The J. B. Inderrieden Co., Chicago, Ill. Canned corn, canned peas, canned red kidney beans, etc. 227,567, May 10, 1927. Republished Mar. 2. Class 46.

Inderrieden, J. B., Co., The: *See*—
Inderrieden Canning Co.

Industrial Products Company, Philadelphia, Pa. Safety protection clothing. 224,484, renewed Mar. 1, 1947. O. G. Mar. 2. Class 39.

Industrial Synthetics Corporation, Irvington, N. J. Rods, tubes, and partly prepared articles. 436,863, Mar. 2; Serial No. 493,601, published Dec. 2, 1947. Class 1.

Ingalls Packing Corporation, Auburn, Wash. Frozen deciduous fruits and vegetables. 436,931, Mar. 2; Serial No. 513,310, published Dec. 9, 1947. Class 46.

Ingersoll, Robt. H., & Bro., New York, N. Y. Watches and clocks. 89,265, Dec. 3, 1912. Corrected. O. G. Mar. 2. Class 27.

Ingersoll, Robt. H., & Bro., New York, N. Y. Watches and clocks. 93,997, Oct. 28, 1913. Corrected. O. G. Mar. 2. Class 27.

International Cellucotton Products Company: *See*—
Berkeley Company.
Kotex Company.
U. S. Sanitary Specialties Corporation.
Veldown Company, Inc.

International Harvester Company, Chicago, Ill. Automobiles and motor trucks and structural parts thereof. 275,762, Sept. 30, 1930. Republished Mar. 2. Class 19.

International Salt Company, Inc., New York, N. Y. Table salt. 177,354, Dec. 18, 1923. Corrected. O. G. Mar. 2. Class 6.

Jacobson Sales Co., Memphis, Tenn. Hosiery and underwear. 436,909, Mar. 2; Serial No. 509,659, published Nov. 18, 1947. Class 39.

Jeannette Company, The: *See*—
Kaplan, Karl.

Jenkin-Guerin Inc.: *See*—
Jenkin-Guerin Oil Company.

Jenkin-Guerin Oil Company, by Jenkin-Guerin Inc., St. Louis, Mo. Lubricating oils, greases, and compounds. 269,882, Apr. 22, 1930. Republished Mar. 2. Class 15.

Job Bros. & Co. Ltd.: *See*—
Governor and Company of Adventurers of England trading into Hudson's Bay, The.

Johnsen, Carl, Company, Dallas, Tex. Pulverized powder having polishing characteristics. 436,911, Mar. 2; Serial No. 509,850, published Nov. 11, 1947. Class 4.

Jones, James T., assignee: *See*—
Chappel, Albert R.

Kaplan, Karl, doing business as The Jeannette Company, New York, N. Y. Women's and children's slips, nightgowns, panties, etc. 436,958, Mar. 2; Serial No. 516,020, published Nov. 18, 1947. Class 39.

Kayser, Julius, & Co., New York, N. Y. Gloves. 237,656, renewed Jan. 17, 1948. O. G. Mar. 2. Class 39.

Keasbey & Mattison Company, Ambler, Pa. Brake linings and surfacing materials for brakes. 436,974, Mar. 2; Serial No. 518,407, published Dec. 2, 1947. Class 35.

Keller Mechanical Engineering Corporation, Brooklyn, N. Y., by Niles-Bement-Pond Company, West Hartford, Conn. Portable and flexible shaft bench grinders and parts thereof. 271,015, May 20, 1930. Republished Mar. 2. Class 23.

Kelly Axe Manufacturing Company, Charleston, West Virginia, by The American Fork and Hoe Company, Cleveland, Ohio. Hammers. 175,128, Oct. 30, 1923. Republished Mar. 2. Class 23.

Kelly-Western Seed Company: *See*—
Colorado Milling & Elevator Co., The.

Kerfoot, Thomas, & Co., Limited, Bardsley, Lancashire, England. Saline preparation. 436,966, Mar. 2; Serial No. 517,191, published Dec. 2, 1947. Class 6.

Kezar, Hiram L., Durand, Wis., assignor to F. A. Brown and H. W. Randall, to T. P. Hartung, Arkansaw, Wis. Healing salve. 234,438, renewed Oct. 25, 1947. O. G. Mar. 2. Class 6.

Khoubesser & Co.: *See*—
Khoubesser, George.

Khoubesser, George, doing business as Khoubesser & Co., Royal Oak, Mich. Briar pipes. 436,975, Mar. 2; Serial No. 518,534, published Nov. 25, 1947. Class 8.

Kimble Glass Company, Vineland, N. J., by Owens-Illinois Glass Company, Toledo, Ohio. Vacuum tubes. 224,076, Feb. 15, 1927. Republished Mar. 2. Class 44.

Kimble Glass Company, Vineland, N. J., by Owens-Illinois Glass Company, Toledo, Ohio. Glass tubes or rods. 306,798, Sept. 26, 1933. Republished Mar. 2. Class 33.

Kimble Glass Company, Vineland, N. J., by Owens-Illinois Glass Company, Toledo, Ohio. Laboratory glassware. 311,933, Apr. 10, 1934. Republished Mar. 2. Class 26.

Kimble Glass Company, Vineland, N. J., by Owens-Illinois Glass Company, Toledo, Ohio. Glass funnels. 377,989, May 21, 1940. Republished Mar. 2. Class 26.

Kimble Glass Company, Vineland, N. J., by Owens-Illinois Glass Company, Toledo, Ohio. Chemical, scientific, and laboratory glassware. 379,844, July 30, 1940. Republished Mar. 2. Class 26.

Kimble Glass Company, Vineland, N. J., by Owens-Illinois Glass Company, Toledo, Ohio. Chemical, scientific, and laboratory glassware. 381,836, Oct. 8, 1940. Republished Mar. 2. Class 26.

Kimble Glass Company, Vineland, N. J., by Owens-Illinois Glass Company, Toledo, Ohio. Hydrometers. 384,792, Feb. 4, 1941. Republished Mar. 2. Class 26.

Kimble Glass Company, Vineland, N. J., by Owens-Illinois Glass Company, Toledo, Ohio. Chemical and laboratory glassware. 393,743, Mar. 3, 1942. Republished Mar. 2. Class 26.

Kimble Glass Company, Vineland, N. J., by Owens-Illinois Glass Company, Toledo, Ohio. Glass rods, glass tubing and glass containers. 398,686, Nov. 17, 1942. Republished Mar. 2. Class 33.

Kimble Glass Company, Vineland, N. J. and Chicago Heights, Ill., by Owens-Illinois Glass Company, Toledo, Ohio. Glass floats. 401,881, June 15, 1943. Republished Mar. 2. Class 33.

Kinard & Company, Incorporated, New York, N. Y. Fabrics in the piece. 436,979, Mar. 2; Serial No. 518,840, published Dec. 2, 1947. Class 42.

Kirk, C. F., Company, New York, N. Y. Intramuscular injection. 436,917, Mar. 2; Serial No. 511,162, published Dec. 9, 1947. Class 6.

Kloster Steel Corporation, Chicago, Ill. Tool steel. 235,975, renewed Nov. 29, 1947. O. G. Mar. 2. Class 14.

Kloster Steel Corporation, Chicago, Ill. Tool steel. 252,027, Jan. 22, 1929. Republished Mar. 2. Class 14.

Koenig, Harry D., doing business as Anre, New York, N. Y. Toilet water, perfume, face powder, etc. 436,938, Mar. 2; Serial No. 514,046, published Nov. 11, 1947. Class 6.

Kotex Company, by International Cellucotton Products Company, Chicago, Ill. Paper handkerchiefs. 273,735, Aug. 12, 1930. Republished Mar. 2. Class 37.

Kraft Cheese Company, to Kraft Foods Company, Chicago, Ill. Cheese. 241,112, renewed Apr. 17, 1948. O. G. Mar. 2. Class 46.

Kraft Foods Company: *See*—
Kraft Cheese Company.

Kushins, Inc., Santa Rosa, Calif. Men's shoes and boots. 436,953, Mar. 2; Serial No. 515,380, published Nov. 4, 1947. Class 39.

Lanolin Plus Cosmetics, Inc.: *See*—
De Herrera, Carmela Nieto, E Hijos.

Larned, Carter & Company, Detroit, Mich., to The Crown Overall Manufacturing Company, Cincinnati, Ohio. Workingmen's clothing. 241,216, renewed Apr. 17, 1948. O. G. Mar. 2. Class 39.

Leavitt Machine Company, The, Orange, Mass. Automatic separators. 437,068, Mar. 2. Class 13.

Lentheric, Incorporated, New York, N. Y. Perfumes, toilet waters and cosmetic creams. 436,944, Mar. 2; Serial No. 514,661, published Dec. 9, 1947. Class 6.

Levenson, Augusta, doing business as Empire Shape Preserver Hanger Co., New York, N. Y. Garment hangers. 437,001, Mar. 2; Serial No. 520,460, published Nov. 11, 1947. Class 50.

Levinsohn Textile Co., New York, N. Y. Tickings, ready-made pillow ticks. 436,859, Mar. 2; Serial No. 490,593, published Nov. 25, 1947. Class 42.

Little, Mildred A., to Albert Ehlers, Inc., Brooklyn, N. Y. Coffee. 227,656, renewed May 10, 1947. O. G. Mar. 2. Class 46.

Little Mistress Togs, New York, N. Y. Girls' blouses. 437,021, Mar. 2; Serial No. 521,814, published Nov. 18, 1947. Class 39.

Littonian Shoe Co., Germany Township, Littlestown, Pa. Infant shoes. 436,959, Mar. 2; Serial No. 516,297, published Nov. 18, 1947. Class 39.

Lo-Calory Food Corporation, New York, N. Y. Vitamin bearing dietary food supplement. 437,015, Mar. 2; Serial No. 521,527, published Dec. 2, 1947. Class 6.

Lomas & Reid (1933) Ltd., Nottingham, England. Underwear, hosiery, pyjamas, etc. 436,857, Mar. 2; Serial No. 489,877, published Nov. 18, 1947. Class 39.

Lone Star Producing Company: *See*—
Chestnut & Smith Corporation.

Loo, San, Inc., St. Louis, Mo. Women's and misses' shoes. 437,026, Mar. 2; Serial No. 522,290, published Dec. 9, 1947. Class 39.

L'Opera Hosiery Mill Inc.: *See*—
Weber & Friedrich, Inc.

Lyons, J. Arthur: *See*—
Reliable Typewriter & Adding Machine Corporation.

Mackintosh, John, and Sons, Limited, Halifax, England, by John Mackintosh & Sons Ltd., Boston, Mass. Toffee. 268,159, Mar. 11, 1930. Republished Mar. 2. Class 46.

Mackintosh, John, and Sons, Limited, Halifax, England, by John Mackintosh & Sons Ltd., Inc., Boston, Mass. Toffee. 268,183, Mar. 11, 1930. Republished Mar. 2. Class 46.

Mackintosh, John, & Sons Ltd., Inc.: *See*—
Mackintosh, John, and Sons, Limited.

Mackintosh, John, & Sons Ltd., Inc., Boston, Mass. Candy. 279,624, Jan. 20, 1931. Republished Mar. 2. Class 46.

Magnolia Metal Company, Elizabeth, N. J. Phosphor bronze. 259,359, July 30, 1929. Republished Mar. 2. Class 14.

Magnolia Metal Company, Elizabeth, N. J. Babbitt metals, antifriction metals and metallic alloys. 273,185, July 22, 1930. Republished Mar. 2. Class 14.

Malden Form Brassiere Co., Inc.: *See*—
Enid Frocks, Inc.

Malden Form Brassiere Company, Inc., New York, N. Y. Brassières, bandeaux, corsets, etc. 437,024, Mar. 2; Serial No. 522,112, published Nov. 18, 1947. Class 39.

Malsh, Chas A., Co., The, Cincinnati, Ohio. Comforts. 67,286, re-renewed Jan. 28, 1948. O. G. Mar. 2. Class 42.

Makepeace Preserving Company, Wareham, Mass., by National Cranberry Association, Hanson, Mass. Canned fruits and vegetables. 268,304, Mar. 11, 1930. Republished Mar. 2. Class 46.

Manchester Knitted Fashions, Inc., Manchester, N. H. Knitted and woven sport shirts. 436,976, Mar. 2; Serial No. 518,543, published Dec. 2, 1947. Class 39.

Mangelsdorf, Ed. F., & Bro., Inc., St. Louis, Mo. Field seeds and grain seeds. 437,017, Mar. 2; Serial No. 521,586, published Nov. 25, 1947. Class 1.

Marine Products Company, San Diego, Calif. Canned abalone. 437,050, Mar. 2; Serial No. 524,657, published Dec. 2, 1947. Class 46.

Marshall Field & Company, Chicago, Ill. Silk hosiery. 248,838, Oct. 30, 1928. Republished Mar. 2. Class 39.

Marshall Field & Company, Chicago, Ill. Women's dresses and coats. 257,562, June 11, 1929. Republished Mar. 2. Class 39.

May Department Stores Company, The, New York, N. Y. Bicycles. 360,369, Sept. 13, 1938. Canceled Jan. 28, 1948. O. G. Mar. 2. Class 19.

McBride, Frank D., doing business as American Solder & Flux Co., Philadelphia, Pa. Abrasive flux, welding flux, soldering flux, etc. 436,896, Mar. 2; Serial No. 505,430, published Nov. 18, 1947. Class 6.

Melflex Products Company, assignee: *See*—
Warford, L. E.

Merrow Machine Company, The, Hartford, Conn. Sewing machines, overseaming and crochet sewing machines. 151,396, renewed Jan. 5, 1948. O. G. Mar. 2. Class 23.

Mexican Chile Supply Company, Fort Worth, Tex. Chile preparations in powdered form. 224,461, renewed Mar. 1, 1947. O. G. Mar. 2. Class 46.

Michigan City Tanning Company, The, Michigan City, Ind., by Pioneer Suspender Company, Philadelphia, Pa. Leather. 272,001, June 24, 1930. Republished Mar. 2. Class 1.

Micro Musical Products Corp.: *See*—
Schwartz, J., Music Co. Inc.

Miles Shoes Incorporated: *See*—
Roth, Chester, H., Co., Inc.

Milford Shoe Company, Milford, Mass. Shoes. 249,722, Nov. 20, 1928. Republished Mar. 2. Class 39.

Miller, Charles N., by Charles N. Miller Co., Boston, Mass. Candy. 88,913, Oct. 29, 1912. Republished Mar. 2. Class 46.

Miller, Charles N., Co.: *See*—
Miller, Charles N.

Miller, Charles N., Co., Boston, Mass. Candy. 280,848, Mar. 3, 1931. Republished Mar. 2. Class 46.

Miller, I., & Sons, Inc., Long Island City, N. Y. Compact powders and compact rouges, lip sticks, etc. 238,541, renewed Feb. 7, 1948. O. G. Mar. 2. Class 6.

Miller, I., & Sons, Inc., Long Island City, N. Y. Canes, parasols, and umbrellas. 239,040, renewed Feb. 21, 1948. O. G. Mar. 2. Class 41.

Million Dollar Grape Manufacturing Company: *See*—
Cormany, S. J., Jr.

Milwaukee Glove Company, Milwaukee, Wis. Cloth and combination leather and cloth gloves and mittens. 236,924, renewed Dec. 27, 1947. O. G. Mar. 2. Class 39.

Minard Company: *See*—
Minard's Liniment Manufacturing Company.

Minard's Liniment Manufacturing Company, Framingham and Boston, Mass., to Minard Company, Hyannis, Mass. Liniment. 67,620, re-renewed Feb. 11, 1948. O. G. Mar. 2. Class 6.

Minneapolis-Heat Regulator Company, by Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermally-operated electric cut-out switches. 241,954, May 8, 1928. Republished Mar. 2. Class 21.

Minneapolis-Honeywell Regulator Company: *See*—
Minneapolis-Heat Regulator Company.

Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Device to limit the temperature of the air in the casing of a warm-air furnace. 250,607, Dec. 11, 1928. Republished Mar. 2. Class 34.

Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermally-operated electric cut-out switches. 271,566, June 10, 1930. Republished Mar. 2. Class 21.

Minnesota Valley Canning Company: *See*—
Central Wisconsin Canneries.

Mitchell, J. D., doing business as Peninsular Bulb Company, Sebring, Fla. Flower bulbs. 436,964, Mar. 2; Serial No. 516,908, published Dec. 2, 1947. Class 1.

Mo-Grow Chemical Co., Flora, Miss., to Plough, Inc., Memphis, Tenn. Fair-skin ointment, skin balm, hair dressing and grower, etc. 234,557, renewed Nov. 1, 1947. O. G. Mar. 2. Class 6.

Momberger, Christian H., Baltimore, Md. Insecticide. 437,053, Mar. 2; Serial No. 524,806, published Dec. 9, 1947. Class 6.

Mom's Cleaner Co.: *See*—
Perew, Frank, Jr.

Mondavi, C., & Sons, St. Helan, Calif. Wines. 436,906, Mar. 2; Serial No. 508,064, published Nov. 18, 1947. Class 47.

Monogram Soap Company: *See*—
Greenblatt, Samuel.

Monsanto Chemical Company: *See*—
Federal Phosphorus Company.
Rubber Service Laboratories Co., The.

Monsanto Chemical Company, St. Louis, Mo. Synthetic resins in solid and solution forms for general use in the industrial arts. 425,552, Nov. 26, 1946. Canceled Jan. 29, 1948. O. G. Mar. 2. Class 1.

Monsanto Chemical Company, St. Louis, Mo. Inorganic phosphates. 436,871, Mar. 2; Serial No. 497,955, published Dec. 2, 1947. Class 1.

Monsanto Chemical Company, St. Louis, Mo. Chemical products. 436,923, Mar. 2; Serial No. 512,194, published Dec. 9, 1947. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Chemical toxicants. 437,010, Mar. 2; Serial No. 521,083, published Nov. 11, 1947. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Chemical adjuvants. 437,031, Mar. 2; Serial No. 522,724, published Dec. 2, 1947. Class 6.

Monsanto Chemical Works, by Monsanto Chemical Company, St. Louis, Mo. Flavors for foods. 267,719, Feb. 25, 1930. Republished Mar. 2. Class 46.

Monsanto Chemical Works, St. Louis, Mo. Clear viscous solutions or resins. 273,144, July 22, 1930. Republished Mar. 2. Class 1.

Montana Flour Mills Company, Great Falls, Mont. Biscuit mix and rolled oats. 437,046, Mar. 2; Serial No. 524,370, published Dec. 2, 1947. Class 46.

Moran, R. J., Co., Boston, Mass. Medicinal elixir and a medicinal tablet. 437,042, Mar. 2; Serial No. 523,975, published Nov. 18, 1947. Class 6.

Moran, R. J., Co., Boston, Mass. Medicinal capsules of granular products. 437,043, Mar. 2; Serial No. 523,978, published Dec. 9, 1947. Class 6.

Morganton Full Fashioned Hosiery Company: *See*—
Rollins Hosiery Mills.

Morgin Robes, Inc., New York, N. Y. Ladies' housecoats, brunchcoats, and housedresses. 436,902, Mar. 2; Serial No 507,146, published Nov. 25, 1947. Class 39.

Morrillcraft Company: *See*—
Herwitz, Frances.

Morton, C. & E., Limited, London, England. Tinned preserved fruits. 236,237, renewed Dec. 6, 1947. O. G. Mar. 2. Class 46.

Moseley, David, & Sons Limited, Manchester, England. Man-tailored coats. 436,924, Mar. 2; Serial No. 512,441, published Nov. 18, 1947. Class 39.

Mülhens, Paul P., doing business as Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenuber der Pferdepost von Ferd. Mülhens, Cologne-on-the-Rhine, Germany vested in the Attorney General of the United States, Washington, D. C., and renewed to him. Soaps. 235,702–4, renewed Nov. 22, 1947. O. G. Mar. 2. Class 4.

Mülhens, Paul P., doing business as Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenuber der Pferdepost von Ferd. Mülhens, Cologne-on-the-Rhine, Germany. Eau de cologne water, perfumery, hair tonics, shampoo, etc. 235,736–40, renewed Nov. 22, 1947. O. G. Mar. 2. Class 6.

Mülhens, Paul P., doing business as Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenuber der Pferdepost von Ferd. Mülhens, Cologne-on-the-Rhine, Germany. Soaps. 235,775–6, renewed Nov. 22, 1947. O. G. Mar. 2. Class 4.

Musicommercials By Novak: *See*—
Novak, Frank.

National Cranberry Association: *See*—
Makepeace Preserving Company.

National Paper Products Company, by Comfort Paper Corporation, San Francisco, Calif. Toilet paper. 279,461, Jan. 13, 1931. Republished Mar. 2. Class 37.

National Paper Products Sales Company: *See*—
Crown Willamette Paper Company.

National Plastic Products Company, The, Odenton, Md. Plastic bristles for brushes. 437,022, Mar. 2; Serial No. 522,078, published Nov. 25, 1947. Class 1.

Neal's, Inc., Boston, Mass., and Los Angeles, Calif. Ladies' dresses, coats, suits, etc., and men's shirts and neckties. 500,005, Mar. 2. Class 39.

Neidich Process Company, Burlington, N. J., to Underwood Corporation, New York, N. Y. Carbon paper. 235,308, renewed Nov. 15, 1947. O. G. Mar. 2. Class 11.

Newark Paraffine & Parchment Paper Co., Newark, N. J. Waxed papers, glassine papers, and waxed glassine papers. 237,413, renewed Jan. 10, 1948. O. G. Mar. 2. Class 37.

New England Advertising Inc., Boston, Mass. Nonelectrical plastic letters for signs. 436,879–80, Mar. 2; Serial Nos. 502,074–5, published Dec. 2, 1947. Class 50.

Newport Industries, Inc., Pensacola, Fla. Polymerized or partially polymerized rosin. 437,004, Mar. 2; Serial No. 520,961, published Nov. 18, 1947. Class 1.

Newport Industries, Inc., Pensacola, Fla. High melting rosin. 437,005, Mar. 2; Serial No. 520,962, published Nov. 18, 1947. Class 1.

Newport Industries, Inc., Pensacola, Fla. High melting pale rosin. 437,006, Mar. 2; Serial No. 520,963, published Nov. 18, 1947. Class 1.

Newport Industries, Inc., Pensacola, Fla. B grade wood resin. 437,007, Mar. 2; Serial No. 520,964, published Nov. 18, 1947. Class 1.

Newport Industries, Inc., Pensacola, Fla. Limed rosin. 437,008, Mar. 2; Serial No. 520,965, published Nov. 18, 1947. Class 1.

New Ulm Roller Mill Company, by Eagle Roller Mill Co., New Ulm, Minn. Flour made from wheat. 227,427, May 3, 1927. Republished Mar. 2. Class 46.

New York Canners, Inc., Rochester, N. Y., to General Foods Corporation, New York, N. Y. Canned fruits, canned vegetables. 234,952, renewed Nov. 8, 1947. O. G. Mar. 2. Class 46.

Niles-Bement-Pond Company: *See*—
Keller Mechanical Engineering Corporation.

Northern Paper Mills, Green Bay, Wis. Toilet paper. 226,976, renewed Apr. 26, 1947. O. G. Mar. 2. Class 37.

Northrup, King & Co., Minneapolis, Minn. Lawn-grass seed. 191,520, Nov. 11, 1924. Republished Mar. 2. Class 1.

Novak, Frank, doing business as Musicommercials By Novak, New York, N. Y. Drums; cymbals; fifes; etc. 437,049, Mar. 2; Serial No. 524,615, published Dec. 9, 1947. Class 36.

Nyanza Color & Chemical Co. Inc., New York, N. Y. Chemicals in liquid form used in dyeing operations. 240,201, renewed Mar. 20, 1948. O. G. Mar. 2. Class 6.

Nye Drug Company: *See*—
Nye, George L.

Nye, George L., doing business as Nye Drug Company, Mullins, S. C. Preparation for the prevention and relief of sunburn. 436,994, Mar. 2; Serial No. 520,117, published Dec. 9, 1947. Class 6.

Offset Fine Arts, Inc., Chicago, Ill. Offset press plates. 437,011, Mar. 2; Serial No. 521,272, published Nov. 4, 1947. Class 50.

Ohio-Apex, Inc., Nitro, W. Va. Bulk chemical. 436,932, Mar. 2; Serial No. 513,453, published Dec. 9, 1947. Class 6.

Oldtmann, Charles J., New York, N. Y. Food flavors, food essences, and food extracts, etc. 425,868, Dec. 3, 1946. Canceled Feb. 6, 1948. O. G. Mar. 2. Class 46.

Oloff, Morris, doing business as Darling Shoe Co., New York, N. Y. Children's shoes. 436,971, Mar. 2; Serial No. 517,658, published Nov. 4, 1947. Class 39.

Orbon Stove Co.: *See*—
Orbon Stove and Range Co.

Orbon Stove and Range Co., to Orbon Stove Co., Belleville, Ill. Stoves and ranges. 67,651, re-renewed Feb. 11, 1948. O. G. Mar. 2. Class 34.

Oregon Packaging Company, Inc., Eugene, Oreg. Natural and cut flowers. 436,890–3, Mar. 2; Serial Nos. 504,995–8, published Dec. 2, 1947. Class 1.

Orth, George W.: *See*—
Builder's Specialty Co., Inc.

Owbridge, Limited, Hull, England. Lung tonic. 66,650, re-renewed Dec. 17, 1947. O. G. Mar. 2. Class 6.

Owens Bottle Company, The, by Owens-Illinois Glass Company, Toledo, Ohio. Nursing bottles. 226,475, Apr. 12, 1927. Republished Mar. 2. Class 44.

Owens Brush Company: *See*—
Owens Staple-Tied Brush Company.

Owens, Clarence W., Warren, Ohio. Herb vegetable compound and salve. 436,957, Mar. 2; Serial No. 515,984, published Dec. 9, 1947. Class 6.

Owens-Illinois Glass Company: *See*—
Closure Service Company, The.
Kimble Glass Company.
Owens Bottle Company.

Owens-Illinois Glass Company, Toledo, Ohio. Bottles, decanter sets, and liquor sets comprising liquor decanters, etc. 333,325, Mar. 17, 1936. Republished Mar. 2. Class 33.

Owens-Illinois Glass Company, Toledo, Ohio. Table ware. 349,774, Sept. 7, 1937. Republished Mar. 2. Class 33.

Owens-Illinois Glass Company, Toledo, Ohio. Jars and bottles made of glass. 350,543, Sept. 28, 1937. Republished Mar. 2. Class 33.

Owens-Illinois Glass Company, Toledo, Ohio. Nursery sets each including a plurality of jars and a holder therefor. 358,786, July 26, 1938. Republished Mar. 2. Class 2.

Owens-Illinois Glass Company, Toledo, Ohio. Glass bottles. 385,988, Mar. 25, 1941. Republished Mar. 2. Class 33.

Owens-Illinois Glass Company, Toledo, Ohio. Caps or closures. 393,120, Jan. 27, 1942. Republished Mar. 2. Class 50.

Owens-Illinois Glass Company, Toledo, Ohio. Closures for bottles, jars, and other containers. 398,795, Nov. 24, 1942. Republished Mar. 2. Class 50.

Owens-Illinois Glass Company, Toledo, Ohio. Closures for bottles, jars, jugs, etc. 409,695, Oct. 17, 1944. Republished Mar. 2. Class 50.

Owens-Illinois Glass Company, Toledo, Ohio. Thermal and sound insulating and building materials. 421,786, June 18, 1946. Republished Mar. 2. Class 12.

Owens Staple-Tied Brush Company, The, by Owens Brush Company, Toledo, Ohio. Toothbrushes. 386,790–2, Apr. 22, 1941. Republished Mar. 2. Class 29.

Owens Staple-Tied Brush Company, The, by Owens Brush Company, Toledo, Ohio. Toothbrushes. 388,622, July 1, 1941. Republished Mar. 2. Class 29.

Pacific Mills, Lawrence and Boston, Mass., to Pacific Mills, New York, N. Y. Worsted piece goods. 237,769, renewed Jan. 17, 1948. O. G. Mar. 2. Class 42.

Pacific Seed House, The: *See*—
Colorado Milling & Elevator Co., The.

Padi Clothes Company, Philadelphia, Pa. Men's clothing. 436,907, Mar. 2; Serial No. 509,240, published Dec. 2, 1947. Class 39.

Pantasote Leather Co., The, Passaic, N. J. Manufactured imitation leather. 57,945, Dec. 4, 1906. Corrected. O. G. Mar. 2. Class 50.

Paraffine Companies, Inc., The: *See*—
Schumacher Wall Board Corporation.

Paraffine Companies, Inc., The, San Francisco, Calif. Floor covering. 234,863, renewed Nov. 8, 1947. O. G. Mar 2. Class 20.

Paramount Knitting Company, to Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 66,340, re-renewed Nov. 19, 1947. O. G. Mar. 2. Class 39.

Paramount Knitting Company, to Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 66,525, re-renewed Dec. 10, 1947. O. G. Mar. 2. Class 39.

Paramount Knitting Company, to Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 66,702, re-renewed Dec. 24, 1947. O. G. Mar. 2. Class 39.

Parfumerie Caron: *See*—
Daltroff, E., et Cie.

Patch, E. L., Company, The, Stoneham, Mass. Cough syrup. 240,349, renewed Mar. 27, 1948. O. G. Mar. 2. Class 6.

Peninsular Bulb Company: *See*—
Mitchell, J. D.

Pepperell Manufacturing Company, Boston, Mass. Piece goods. 436,872, Mar. 2; Serial No. 498,160, published Dec. 2, 1947. Class 42.

Perew, Frank, Jr., doing business as Mom's Cleaner Co., Beverly Hills, Calif. Cleaner for removing grease and soil. 436,946, Mar. 2; Serial No. 514,718, published June 17, 1947. Class 4.

Petersen, P. F., Baking Company: *See*—
Petersen & Pegau Baking Company.

Petersen & Pegau Baking Company, now by change of name P. F. Petersen Baking Company, by P. F. Petersen Baking Company, Omaha, Nebr. Bread. 190,771, Oct. 21, 1924. Republished Mar. 2. Class 46.

Physicians Co-Operative Association, The, Chicago, Ill. Remedy for inebriety. 65,858, re-renewed Oct. 29, 1947. O. G. Mar. 2. Class 6.

Pillsbury Flour Mills Company, by Pillsbury Mills, Inc., Minneapolis, Minn. Wheat flour. 275,995, Oct. 7, 1930. Republished Mar. 2. Class 46.

Pillsbury Mills, Inc.: *See*—
Pillsbury Flour Mills Company.

Pioneer Suspender Company: *See*—
Michigan City Tanning Company, The.

Plough Chemical Company, doing business as The St. Joseph Company, to Plough, Inc., Memphis, Tenn. Medicinal preparation. 235,685, renewed Nov. 22, 1947. O. G. Mar. 2. Class 6.

Plough, Inc.: *See*—
Mo-Grow Chemical Co.
Plough Chemical Company.

Plymouth Wholesale Dry Goods Corporation, New York, N. Y. Bedroom suites, dining room suites, living room furniture, etc. 436,961, Mar. 2; Serial No. 516,502, published Oct. 28, 1947. Class 32.

Pollyanna Pillow Company: *See*—
Gordon, Pauline.

Poor & Company, Chicago, Ill. Articles made of ceramic materials. 436,934, Mar. 2; Serial No. 513,981, published Nov. 25, 1947. Class 30.

Potter Drug & Chemical Corporation, Malden, Mass. Preparation for treatment of minor irritations of the skin and scalp. 436,973, Mar. 2; Serial No. 518,319, published Dec. 2, 1947. Class 6.

Potts Powder Company, The, Reynolds, Pa., and New York, N. Y., to Atlas Powder Company, Wilmington, Del. Nitroglycerin dynamite. 68,557, re-renewed Apr. 14, 1948. O. G. Mar. 2. Class 9.

Prescott, J. L., Company, New York, N. Y., to J. L. Prescott Company, Passaic, N. J. Stove enamel polish. 235,110, renewed Nov. 8, 1947. O. G. Mar. 2. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Soap. 225,057, Mar. 8, 1927. Republished Mar. 2. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Soap flakes. 246,898, Sept. 18, 1928. Republished Mar. 2. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Soap. 252,108, Jan. 22, 1929. Republished Mar. 2. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Soap. 253,180, Feb. 19, 1929. Republished Mar. 2. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Soap. 269,029, Mar. 25, 1930. Republished Mar. 2. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Soap. 269,142, Mar. 25, 1930. Republished Mar. 2. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Material composed of saturated fatty acids. 271,221, May 27, 1930. Republished Mar. 2. Class 6.

Procter & Gamble Company, The, Cincinnati, Ohio. Soap. 272,867, July 15, 1930. Republished Mar. 2. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Glycerine. 275,166, Sept. 16, 1930. Republished Mar. 2. Class 6.

Procter & Gamble Company, The, Cincinnati, Ohio. Soap. 279,586, Jan. 20, 1931. Republished Mar. 2. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Soap. 281,577, Mar. 24, 1931. Republished Mar. 2. Class 4.

Pruzan, Saul, doing business as Dubl-Rich Bottling Co., Kansas City, Mo. Non-alcoholic, non-cereal, maltless beverage. 437,069, Mar. 2. Class 45.

Pumicite Company, The: *See*—
Volcanic Ash Company of America.

Pure Oil Company, The, Chicago, Ill. Lubricating oils. 243,822, July 3, 1928. Republished Mar. 2. Class 15.

Pure Oil Company, The, Chicago, Ill. Lubricating greases. 252,484, Feb. 12, 1929. Republished Mar. 2. Class 15.

Pure Oil Company, The, Chicago, Ill. Lubricating oils. 252,544–6, Feb. 12, 1929. Republished Mar. 2. Class 15.

Pure Oil Company, The, Chicago, Ill. Lubricating oils. 252,550, Feb. 12, 1929. Republished Mar. 2. Class 15.

Pure Oil Company, The, Chicago, Ill. Lubricating oils. 252,565, Feb. 12, 1929. Republished Mar. 2. Class 15.

Pure Oil Company, The, Chicago, Ill. Lubricating oils. 270,318, May 6, 1930. Republished Mar. 2. Class 15.

Pyrene Manufacturing Company, Newark, N. J. Automobile tire chains. 235,596, renewed Nov. 22, 1947. O. G. Mar. 2. Class 13.

Quackenbush Company: *See*—
Allied Stores Corporation.

Railway Steel Spring Company, to American Locomotive Company, New York, N. Y. Railway-car springs, railway-car wheels and tires, etc. 68,223, re-renewed Mar. 17, 1948. O. G. Mar. 2. Class 19.

Randall, Henry W., assignee: *See*—
Kezar, Hiram L.

Real Sport Clothing Company: *See*—
Real Sport Clothing Co.

Real Sport Clothing Co., by Samuel Caplin, doing business as Real Sport Clothing Company, Philadelphia, Pa. Breeches, riding breeches, service breeches, etc. 272,370, July 8, 1930. Republished Mar. 2. Class 39.

Real Sport Clothing Co., by Samuel Caplin, doing business as Real Sport Clothing Company, Philadelphia, Pa. Breeches, riding breeches, service breeches, etc. 280,455, Feb. 17, 1931. Republished Mar. 2. Class 39.

Red Head Brand Company, Chicago, Ill. Hunting and fishing coats, vests, pants, etc. 436,945, Mar. 2; Serial No. 514,669, published Nov. 4, 1947. Class 39.

Reed & Carnrick, Jersey City, N. J. Preparation for diseases of the kidneys. 236,377, renewed Dec. 13, 1947. O. G. Mar. 2. Class 6.

Reed, E. P., & Co., Rochester, N. Y. Boots and shoes. 273,993–4, Aug. 19, 1930. Republished Mar. 2. Class 39.

Regal Shoe Company, Whitman, Mass. Leather dressing, blacking and polish. 261,648, Sept. 17, 1929. Republished Mar. 2. Class 4.

Rehn, Anna, New York, N. Y. Lubricant. 436,884, Mar. 2; Serial No. 503,754, published Nov. 18, 1947. Class 6.

Reliable Tanners, Inc., Gloversville, N. Y. Processed skins. 436,942, Mar. 2; Serial No. 514,494, published Dec. 2, 1947. Class 1.

Reliable Textile Co., Inc., New York, N. Y. Piece goods. 436,848, Mar. 2; Serial No. 470,680, published Dec. 2, 1947. Class 42.

Reliable Typewriter and Adding Machine Company: *See*—
Reliable Typewriter & Adding Machine Corporation.

Reliable Typewriter & Adding Machine Corporation, by J. Arthur Lyons, doing business as Reliable Typewriter and Adding Machine Company, Chicago, Ill. Calculating machines. 244,386, July 17, 1928. Republished Mar. 2. Class 26.

Reliable Typewriter & Adding Machine Corporation, by J. Arthur Lyons, doing business as Reliable Typewriter and Adding Machine Company, Chicago, Ill. Calculating machines. 252,921, Feb. 19, 1929. Republished Mar. 2. Class 26.

Reliance Art Metal Company, The, Cincinnati, Ohio. Interior and exterior admission doors. 437,063, Mar. 2. Class 12.

Respro Inc., Cranston, R. I. Artificial leather. 280,658, Feb. 24, 1931. Republished Mar. 2. Class 50.

Rexall Drug Company, Los Angeles, Calif. Glass cooking ware. 436,963, Mar. 2; Serial No. 516,869, published Nov. 18, 1947. Class 33.

Ritter, W. M., Lumber Company, Columbus, Ohio. Rough and dressed lumber. 267,986, Mar. 4, 1930. Republished Mar. 2. Class 12.

Ritter, W. M., Lumber Company, Columbus, Ohio. Rough and dressed lumber boards. 268,022, Mar. 4, 1930. Republished Mar. 2. Class 12.

Ritter, W. M., Lumber Company, Columbus, Ohio. Rough and dressed lumber. 268,023, Mar. 4, 1930. Republished Mar. 2. Class 12.

Ritter, W. M., Lumber Company, Columbus, Ohio. Rough and dressed lumber. 272,550, July 8, 1930. Republished Mar. 2. Class 12.

Robbins & Myers, Inc., Springfield, Ohio. Electric fans. 260,760, Aug. 27, 1929. Republished Mar. 2. Class 21.

Robbins & Myers, Inc., Springfield, Ohio. Metal castings. 269,545, Apr. 8, 1930. Republished Mar. 2. Class 14.

Robely Laboratories Inc., New York, N. Y. Chemical for use in the treatment of photographic film and photographic printing paper. 437,019, Mar. 2; Serial No. 521,754, published Nov. 11, 1947. Class 6.

Rogers, Charles P., & Co., Inc., New York, N. Y. Bedsprings, mattresses, and pillows. 436,852, Mar. 2; Serial No. 479,093, published Nov. 25, 1947. Class 32.

Rollins Hosiery Mills, Des Moines, Iowa, to Morganton Full Fashioned Hosiery Company, Morganton, N. C. Hosiery. 238,834, renewed Feb. 14, 1948. O. G. Mar. 2. Class 39.

Roma Wine Company, Fresno, Calif., assignor to Schenley Distillers Corporation, New York, N. Y. Wine. 436,874, Mar. 2; Serial No. 499,285, published Nov. 18, 1947. Class 47.

Rosalind Underwear Company, Inc., New York, N. Y. Panties. 436,950, Mar. 2; Serial No. 515,131, published Nov. 18, 1947. Class 39.

Rosenstein, Nettie, Inc., New York, N. Y. Toilet soap. 436,977, Mar. 2; Serial No. 518,690, published Nov. 11, 1947. Class 4.

Roth, Chester H., Co., Inc., assignor to Miles Shoes Incorporated, New York, N. Y. Hosiery. 436,853, Mar. 2; Serial No. 479,308, published May 15, 1945. Class 39.

Rubber Service Laboratories Co., The, Akron, Ohio, by Monsanto Chemical Company, St. Louis, Minn. Compound used as a vulcanization accelerator. 257,182, May 28, 1929. Republished Mar. 2. Class 6.

Rubin Brothers, Chicago, Ill. Overalls and coats. 235,342, renewed Nov. 15, 1947. O. G. Mar. 2. Class 39.

Ruediger, George, Chicago, Ill. New and ornamental design of a novelty or souvenir. 436,965, Mar. 2; Serial No. 517,004, published Dec. 9, 1947. Class 50.

S. and S. Co., Ltd., Oklahoma City, Okla. Estrogenic hormone cream. 437,012, Mar. 2; Serial No. 521,290, published Dec. 2, 1947. Class 6.

Sager, Solomon M., Chicago, Ill. Mechanical pencils and fountain pens. 436,955, Mar. 2; Serial No. 515,681, published Nov. 25, 1947. Class 37.

St. Joseph Company, The: *See*—
Plough Chemical Company.

St. Lawrence Textile Corp., New York, N. Y. Thin transparent or translucent plastic film or sheets. 436,875, Mar. 2; Serial No. 499,356, published Nov. 25, 1947. Class 42.

San-I-Sal Laboratories, Inc., Washington, D. C., to Harlis Inc., Miami, Fla. Astringent, deodorant, antiseptic, etc. 235,844, renewed Nov. 29, 1947. O. G. Mar. 2. Class 6.

Sanitax Brush Company, by Sanitax Brush and Products Company, Chicago, Ill. Brushes. 259,164, July 23, 1929. Republished Mar. 2. Class 29.

Sanitax Brush and Products Company: *See*—
Sanitax Brush Company.

Schaefer, Chas., Corporation, Brooklyn, N. Y. Beer. 436,989, Mar. 2; Serial No. 519,448, published Nov. 18, 1947. Class 48.

Schenley Distillers Corporation: *See*—
Roma Wine Company.

Schenley Import Corporation, New York, N. Y. Wines. 436,972, Mar. 2; Serial No. 517,872, published Nov. 18, 1947. Class 47.

Schneidewind, Howard B., Montclair, N. J. Textile fabrics in the piece. 436,947, Mar. 2; Serial No. 514,724, published Nov. 18, 1947. Class 42.

Schumacher Wall Board Corporation, Wilmington, Del., Seattle, Wash., and Los Angeles, Calif., to The Paraffine Companies, Inc., San Francisco, Calif. Plaster board, wall board, and composition board. 235,372, renewed Nov. 15, 1947. O. G. Mar. 2. Class 12.

Schwartz, J., Music Co. Inc. to Micro Musical Products Corp., New York, N. Y. Musical instrument accessories. 234,009, renewed Oct. 18, 1947. O. G. Mar. 2. Class 36.

Schwarzschild, Sol M., Richmond, Va. Bracelets, necklaces, and earrings. 436,855, Mar. 2; Serial No. 488,053, published Dec. 2, 1947. Class 28.

Scofield, L. M., Company: *See*—
Continental Building Specialties.

Scripto, Inc., Atlanta, Ga. Writing pens. 436,960, Mar. 2; Serial No. 516,444, published Nov. 25, 1947. Class 37.

Sengbusch, Self-Closing Inkstand Company, Milwaukee, Wis. Writing pens. 239,400, renewed Mar. 6, 1948. O. G. Mar. 2. Class 37.

Sharon Robe Co., Inc., Boston, Mass. Men's and boys' lounging robes and bath robes, etc. 437,070, Mar. 2. Class 39.

Shattuck, Frank G., Company, New York, N. Y. Cakes. 240,053, renewed Mar. 20, 1948. O. G. Mar. 2. Class 46.

Shattuck, Frank G., Co., New York, N. Y. Bakery product. 306,568, Sept. 26, 1933. Corrected. O. G. Mar. 2. Class 46.

Siems Bros., Inc.: *See*—
Gross Metal Products Company.

Sierra Talc Company, Los Angeles, Calif. Bleaching clay; decolorizing clay, and fuller's earth. 437,025, Mar. 2; Serial No. 522,172, published Nov. 25, 1947. Class 1.

Sigma Nu Fraternity, Indianapolis, Ind. Chinaware. 437,035, Mar. 2; Serial No. 523,425, published Nov. 25, 1947. Class 30.

Sigma Nu Fraternity, Indianapolis, Ind. Chinaware. 437,059–60, Mar. 2; Serial Nos. 526,301–2, published Dec. 2, 1947. Class 30.

Silica Gel Products Corporation, The, Baltimore, Md. Toilet powder. 230,618, Aug. 2, 1927. Republished Mar. 2. Class 6.

Simonin's C. F., Sons, Inc., Philadelphia, Pa. Salad oil. 274,153, Aug. 19, 1930. Republished Mar. 2. Class 46.

Sinclair, Robert, Tobacco Company, Limited, The, Newcastle-on-Tyne, England. Tobacco pipes. 436,939, Mar. 2; Serial No. 514,141, published Dec. 2, 1947. Class 8.

Skelton Shovel Co., Inc., Dunkirk, N. Y., by The American Fork and Hoe Company, Cleveland, Ohio. Shovels and spades. 252,390, Feb. 5, 1929. Republished Mar. 2. Class 23.

Skillmill, Inc., New York, N. Y. Fabrics made of cotton and rayon and combinations thereof. 437,073, Mar. 2. Class 42.

Smith Brothers Manufacturing Company, Carthage, Mo. Overalls, jackets, work and semi-dress pants, etc. 437,038, Mar. 2; Serial No. 523,485, published Dec. 9, 1947. Class 39.

Smith, F., Co.: *See*—
Smith, Fenwick.

Smith, Fenwick, doing business as F. Smith Co., San Francisco, Calif. Bottled fruit juices. 436,868, Mar. 2; Ser.al No. 495,104, published Dec. 9, 1947. Class 46.

Smith, Kline & French Laboratories, Philadelphia, Pa. General tonic, medicine for diseases of the nervous system, etc. 436,908, Mar. 2; Serial No. 509,610, published Dec. 2, 1947. Class 6.

Smith, Wm. J., Music Co. Inc., New York, N. Y. Musical publications. 237,329, renewed Jan. 10, 1948. O. G. Mar. 2. Class 38.

Société à Responsabilité Limitée, Carven, Paris, France. Wearing apparel for women. 436,899, Mar. 2; Serial No. 506,698, published Dec. 9, 1947. Class 39.

Societe d'Etudes et d'Expansion de la Parfumerie de Luxe, Paris and Asnieres near Paris, France. Perfumes. 436,881–2, Mar. 2; Serial Nos. 502,084–5, published Dec. 2, 1947. Class 6.

Societe Le Ripolin (Societe Anonyme Francaise de Peintures Laquees et d'Enduits Sous-Marins, Procedes Lefrance & Briegleb reunis): *See*—
Briegleb, Gustav, The Firm of.

Socolof, Jos., Co., Inc., Brooklyn, N. Y., to Sweet Life Food Corporation, New York, N. Y. Canned vegetables and fruits. 228,059, renewed May 24, 1947. O. G. Mar. 2. Class 46.

Sonart Record Corporation, New York, N. Y. Mechanically grooved phonograph records. 436,870, Mar. 2; Serial No. 497,344, published Dec. 9, 1947. Class 36.

Sonberg, M. P., Company, The: *See*—
Sonberg, Max P.

Sonberg, Max P., doing business as The M. P. Sonberg Company, New York, N. Y. Infants', children's, and girls' coats, suits, and snowsuits. 437,047, Mar. 2; Serial No. 524,425, published Dec. 9, 1947. Class 39.

Soulé Steel Company, San Francisco, Calif. Forms for concrete construction. 273,177, July 22, 1930. Republished Mar. 2. Class 12.

Southwestern Milling Company, Inc., The, New York, N. Y., by Standard Milling Company, Chicago, Ill. Wheat flour. 260,547, Aug. 27, 1929. Republished Mar. 2. Class 46.

Southwestern Milling Company, Inc., The, New York, N. Y., by Standard Milling Company, Chicago, Ill. Wheat flour. 260,747, Aug. 27, 1929. Republished Mar. 2. Class 46.

Specifide, Inc., Indianapolis, Ind. Vitamin preparation. 436,980, Mar. 2; Serial No. 518,917, published Nov. 18, 1947. Class 6.

Sport-Modes of Boston, Boston, Mass. Ladies' and misses' dresses, blouses, jackets, etc. 436,916, Mar. 2; Serial No. 510,808, published Dec. 9, 1947. Class 39.

Standard Fabricators: *See*—
Stienen, Ernest A.

Standard Milling Company: *See*—
Southwestern Milling Company, Inc., The.

Standard Oil Company of California, Wilmington, Del., and San Francisco, Calif. Rust preventives and rust inhibitors. 437,009, Mar. 2; Serial No. 520,978, published Nov. 25, 1947. Class 6.

Stearns, Frederick, & Co., to Sterling Drug Inc., Detroit, Mich. Remedies for indigestion and dyspepsia. 67,970, re-renewed Mar. 3, 1948. O. G. Mar. 2. Class 6.

Stephanie Limited Inc., Cleveland, Ohio. Cosmetics. 436,929, Mar. 2; Serial No. 513,140, published Dec. 2, 1947. Class 6.

Stephenson, John W., Little Falls, Minn., by Cannon Valley Milling Co., Minneapolis, Minn. Wheat-flour. 79,531, Sept. 13, 1910. Republished Mar. 2. Class 46.

Sterling Drug Inc.: *See*—
Stearns, Frederick, & Co.

Sterling Drug Inc., Wilmington, Del., assignor to Winthrop-Stearns Inc., New York, N. Y. Broncho-dilator and antispasmodic. 436,982, Mar. 2; Serial No. 519,037, published Nov. 11, 1947. Class 6.

Stienen, Ernest A., doing business as Standard Fabricators, New York, N. Y. Dyeing machinery. 437,076, Mar. 2. Class 23.

Strohmeyer & Arpe Company, New York, N. Y. Canned sardines, concentrated tomato paste, canned tomatoes packed with puree, etc. 232,985, Sept. 20, 1927. Republished Mar. 2. Class 46.

Strohmeyer & Arpe Company, New York, N. Y. Canned fish, canned vegetables, olives, etc. 271,088, May 27, 1930. Republished Mar. 2. Class 46.

Stuart, Betty, Inc., New York, N. Y. Ladies' dresses. 437,044, Mar. 2; Serial No. 524,023, published Dec. 2, 1947. Class 39.

Swan-Finch Oil Corporation, New York, N. Y. Petroleum grease. 239,059, renewed Feb. 21, 1948. O. G. Mar. 2. Class 15.

Sweet Life Food Corporation: *See*—
Socolof, Jos., Co., Inc.

Synthetic Nitrogen Products Corporation, New York, N. Y. Fertilizer. 244,000, July 3, 1928. Republished Mar. 2. Class 10.

Table Corporation of America, Cheltenham, Pa. Occasional tables. 436,866, Mar. 2; Serial No. 494,413, published Oct. 28, 1947. Class 32.

Talon, Inc.: *See*—
Hookless Fastener Company.

Tanqueray, Charles, & Co. Limited: *See*—
Tanqueray Gordon & Co. Limited.

Tanqueray Gordon & Co. Limited, to Charles Tanqueray & Co. Limited, London, England. Gin. 64,866, re-renewed Aug. 27, 1947. O. G. Mar. 2. Class 49.

Taylor, H. P., Jr., to H. P. Taylor, Jr., Inc., Richmond, Va. Canned fruits and vegetables. 66,059, re-renewed Nov. 5, 1947. O. G. Mar. 2. Class 46.

Taylor, H. P., Jr., Inc.: *See*—
Taylor, H. P. Jr.

Taylor, Stiles & Company, to Taylor, Stiles & Company, Riegelsville, N. J. Machinery and parts of machinery. 63,869, re-renewed July 9, 1947. O. G. Mar. 2. Class 23.

Teen Row Fashions Inc., New York, N. Y. Girls' dresses. 436,883, Mar. 2; Serial No. 503,141, published Nov. 18, 1947. Class 39.

Tennessee Supply Co., Greeneville, Tenn. Toilet bowl cleanser. 437,030, Mar. 2; Serial No. 522,671, published Nov. 11, 1947. Class 4.

Tex Products, Inc., Newark, N. J. Synthetic resins, in liquid, sheet, rod and tube form. 436,903, Mar. 2; Serial No. 507,157, published Dec. 2, 1947. Class 1.

Theonett & Co., Chicago, Ill. Dressing or sauce. 237,455, renewed Jan. 10, 1948. O. G. Mar. 2. Class 46.

Thomson-Porcelite Paint Co.: *See*—
Thomson Wood Finishing Co., The.

Thomson Wood Finishing Co., The, to Thomson-Porcelite Paint Co., Philadelphia, Pa. Varnishes, enamels, and varnish-paints. 67,845, re-renewed Feb. 18, 1948. O. G. Mar. 2. Class 16.

Thomson Wood Finishing Co., The, to Thomson-Porcelite Paint Co., Philadelphia, Pa. Prepared and mixed paints, varnishes, colors, etc. 68,484, re-renewed Apr. 13, 1948. O. G. Mar. 2. Class 16.

Tinklepaugh, John R., Livingston, N. Y. Apples, pears, cherries, etc. 436,873, Mar. 2; Serial No. 498,326, published Dec. 9, 1947. Class 46.

Top-Notch Manufacturing Company, Inc., El Paso, Tex. Men's and boys' overalls and pants. 436,967, Mar. 2; Serial No. 517,273, published Nov. 4, 1947. Class 39.

Transo Envelope Company, Chicago, Ill. Mailing envelopes. 228,598, June 7, 1927. Republished Mar. 2. Class 37.

Transo Envelope Company, Chicago, Ill. Envelopes. 253,871, Mar. 5, 1929. Republished Mar. 2. Class 37.

Truax-Traer Coal Company, Chicago, Ill. Coal. 436,895, Mar. 2; Serial No. 505,369, published Nov. 25, 1947. Class 1.

Underwood Corporation: *See*—
Neidich Process Company.
Underwood Typewriter Company.

Underwood Typewriter Company, to Underwood Corporation, New York, N. Y. Typewriting machines and typewriting-machine parts. 68,628, re-renewed Apr. 21, 1948. O. G. Mar. 2. Class 23.

Union Metal Manufacturing Company, The, Canton, Ohio. Materials handling equipment. 436,900, Mar. 2; Serial No. 506,707, published Nov. 18, 1947. Class 50.

United Furniture Stores: *See*—
Hartman Furniture and Carpet Company.

United Laboratories, The, to United Laboratories, Ltd., Pasadena, Calif. Emulsion petrolatum with malt. 214,970–1, renewed July 6, 1946. O. G. Mar. 2. Class 6.

United Laboratories, Ltd.: *See*—
United Laboratories, The.

United Merchants and Manufacturers, Inc., New York, N. Y. Piece goods. 436,905, Mar. 2; Serial No. 507,699, published Dec. 2, 1947. Class 42.

U. S. Sanitary Specialties Corporation, Chicago, Ill. General cleaning or washing compound. 237,099, renewed Jan. 3, 1948. O. G. Mar. 2. Class 4.

U. S. Sanitary Specialties Corporation, Chicago, Ill. Insecticides. 240,415, renewed Mar. 27, 1948. O. G. Mar. 2. Class 6.

U. S. Sanitary Specialties Corporation, Chicago, Ill. Compound adapted for use in cleaning and polishing. 242,078, May 15, 1928. Republished Mar. 2. Class 4.

U. S. Sanitary Specialties Corporation, by International Cellucotton Products Company, Chicago, Ill. Fabric cleansing soap compound. 270,368, May 6, 1930. Republished Mar. 2. Class 4.

Universal Match Products Corporation: *See*—
American Metal Products Corporation.

Valley Chemical Company, Inc., Springfield, Mass. Chemical preparation. 436,877, Mar. 2; Serial No. 500,782, published Dec. 2, 1947. Class 6.

Vanadium-Alloys Steel Company, Latrobe, Pa. High-speed steels, alloy steels, and carbon tool steels. 237,018, renewed Jan. 3, 1948. O. G. Mar. 2. Class 14.

Van Ness, Marvin L., Welsh, La. Irrigation and drainage pumps. 437,067, Mar. 2. Class 23.

Veldown Company, Inc., New York, N. Y., by International Cellucotton Products Company, Chicago, Ill. Catamenial bandages. 254,162, Mar. 12, 1929. Republished Mar. 2. Class 44.

Veldown Company, Inc., New York, N. Y., by International Cellucotton Products Company, Chicago, Ill. Catamenial napkins. 254,390, Mar. 26, 1929. Republished Mar. 2. Class 44.

Virginia Shoe Corporation, Fredericksburg, Va. Shoes. 437,032, Mar. 2; Serial No. 522,847, published Dec. 9, 1947. Class 39.

Volcanic Ash Company of America, The, to The Pumicite Company, St. Louis, Mo. Volcanic ash. 232,966, renewed Sept. 20, 1947. O. G. Mar. 2. Class 1.

Walker Pharmacal Company, St. Louis, Mo., to Baybank Pharmaceuticals, Inc., New York, N. Y. Ointment for skin diseases. 237,485, renewed Jan. 10, 1948. O. G. Mar. 2. Class 6.

Wallace & Tiernan Co., Inc., Newark, N. J. Laundry bleaching material. 237,527, Jan. 10, 1928. Corrected. O. G. Mar. 2. Class 6.

Warford, L. E., doing business as Melflex Products Company, assignor to Melflex Products Company, Akron, Ohio. Mats and runners. 436,887–8, Mar. 2; Serial Nos. 504,723–4, published Nov. 11, 1947. Class 50.

Washington, G., Coffee Refining Co., to American Home Foods, Inc., New York, N. Y. Prepared coffee. 178,722, renewed Jan. 5, 1948. O. G. Mar. 2. Class 46.

Wasserman-Rosenthal Co., Boston, Mass. Men's and young men's suits, topcoats and overcoats. 437,029, Mar. 2; Serial No. 522,552, published Dec. 9, 1947. Class 39.

Waterway Company, The, Toledo, Ohio. Clothes washers and extractors. 436,956, Mar. 2; Serial No. 515,923, published Nov. 11, 1947. Class 24.

Watkins, J. R., Company, The, Winona, Minn. Soaps. 437,055, Mar. 2; Serial No. 525,464, published Nov. 11, 1947. Class 4.

Watson-Park Company, Boston, Mass. Chemical preparation for bleaching or stripping colors from textile, etc. 255,263, Apr. 16, 1929. Republished Mar. 2. Class 6.

Watson-Park Company, Boston, Mass. Chemicals preparation for use in water-proofing textile materials, etc. 255,265, Apr. 16, 1929. Republished Mar. 2. Class 6.

Weber & Friedrich, Inc., Philadelphia, Pa., to L'Opera Hosiery Mill Inc., Glassboro, N. J. Hosiery. 239,376, renewed Mar. 6, 1948. O. G. Mar. 2. Class 39.

Wells Lamont Corporation, Chicago, Ill. Work gloves. 436,862, Mar. 2; Serial No. 493,498, published Nov. 18, 1947. Class 39.

Wells & Richardson Company, Incorporated, Burlington, Vt., to Boyle-Midway Inc., New York, N. Y. Dyes. 189,484, renewed Jan. 5, 1948. O. G. Mar. 2. Class 6.

Werner, R. D., Co., Inc., New York, N. Y. Unfinished or partly finished non-ferrous metal sheets and rods. 437,062, Mar. 2. Class 14.

Western Land Roller Company, Hastings, Nebr. Land rollers. 272,617, July 8, 1930. Republished Mar. 2. Class 23.

Western Land Roller Company, Hastings, Nebr. Feed grinders. 278,343, Dec. 16, 1930. Republished Mar. 2. Class 23.

Westover Fashions, Inc., New York, N. Y. Women's and misses' dresses. 436,981, Mar. 2; Serial No. 518,926, published Nov. 18, 1947. Class 39.

Weyenberg Shoe Mfg. Co., Milwaukee, Wis. Leather shoes. 260,274, Aug. 20, 1929. Republished Mar. 2. Class 39.

White, H. N., Company, The, Cleveland, Ohio. Trumpets, cornets, trombones, etc. 165,363, Mar. 6, 1923. Republished Mar. 2. Class 36.

White, Jeffery, Studio, Inc., Detroit, Mich. Printing plates and photo films. 231,306, renewed Aug. 16, 1947. O. G. Mar. 2. Class 26.

White, Maurice J.: *See*—
Gehring, Henry, Company, The.

White, R. P., Drug Company, Youngstown, Ohio. Alkalizing preparation. 436,993, Mar. 2; Serial No. 520,076, published Dec. 2, 1947. Class 6.

Wichita Flour Mills Company, The, Wichita, Kans. Wheat flour. 236,247, renewed Dec. 6, 1947. O. G. Mar. 2. Class 46.

Wildt and Company, Limited, Leicester, England. Knitting machines. 437,061, Mar. 2. Class 23.

Wilson Fastener Company, The, Cleveland, Ohio. Shoulder-strap holders and shoulder-strap loops. 276,535, Oct. 21, 1930. Republished Mar. 2. Class 40.

Winning-Rattner Co., Inc., New York, N. Y. Students' and young men's clothing. 436,991, Mar. 2; Serial No. 520,001, published Nov. 18, 1947. Class 39.

Winston and Newell Company: *See*—
Hewitt, Charles, & Sons Co.

Winston Products Company, Auburn, Maine. Canned clam cakes, canned minced clams, canned lobster a la Newburg, etc. 436,926, Mar. 2; Serial No. 512,727, published Nov. 18, 1947. Class 46.

Winthrop-Stearns Inc.: *See*—
Sterling Drug Inc.

Wolf, Jacques, & Co., Clifton, N. J. Emulsifier which is a special condensate of poly-glycol. 436,886, Mar. 2; Serial No. 503,848, published Nov. 11, 1947. Class 4.

Woodville Lime Products Company, The, Toledo, Ohio. Lime. 233,049–50, renewed Sept. 20, 1947. O. G. Mar. 2. Class 12.

Worthington Ball Company, The, Elyria, Ohio. Golf balls. 270,844–7, May 13, 1930. Republished Mar. 2. Class 22.

York Heating & Ventilating Corporation, Bridgeport and Philadelphia, Pa., to Carrier Corporation, Syracuse, N. Y. Airconditioning apparatus. 235,974; renewed Nov. 29, 1947. O. G. Mar. 2. Class 34.

Zander & Company, Inc., New Orleans, La. Coffee. 240,705, renewed Apr. 3, 1948. O. G. Mar. 2. Class 46.

Zimmerman, David G., doing business as Zimmerman Laboratories, Pascagoula, Miss. External fungus medicine. 437,039, Mar. 2; Serial No. 523,554, published Dec. 9, 1947. Class 6.

Zimmerman Laboratories: *See*—
Zimmerman, David G.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Ash, Volcanic. Volcanic Ash Company of America. 232,966, renewed Sept. 20, 1947. O. G. Mar. 2.

Bristles for brushes, Plastic. National Plastic Products Company. 437,022, Mar. 2; Serial No. 522,078, published Nov. 25, 1947.

Bulbs, Flower. J. D. Mitchell. 436,964, Mar. 2; Serial No. 516,908, published Dec. 2, 1947.

Clay, decolorizing clay, and Fuller's earth, Bleaching. Sierra Talc Company. 437,025, Mar. 2; Serial No. 522,172, published Nov. 25, 1947.

Clay, Prepared. Cove Creek Industries, Inc. 437,000, Mar. 2; Serial No. 520,325, published Nov. 18, 1947.

Coal. Hart-Ross Coal Company. 434,249, Nov. 11, 1947. Corrected. O. G. Mar. 2.

Coal. Holmes-Darst Coal Corporation. 436,861, Mar. 2; Serial No. 491,831, published Nov. 18, 1947.

Coal. Truax-Traer Coal Company. 436,895, Mar. 2; Serial No. 505,369, published Nov. 25, 1947.

Compositions in physical character comparable to milled and compounded rubber. Dow Corning Corporation. 436,948, Mar. 2; Serial No. 514,807, published Dec. 2, 1947.

Flowers, Cut. Ariston, Incorporated. 436,951, Mar. 2; Serial No. 515,250, published Dec. 2, 1947.

Flowers, Natural and cut. Oregon Packaging Company, Inc. 436,890–3. Mar. 2; Serial Nos. 504,995–8, published Dec. 2, 1947.

Leather. Michigan City Tanning Company. 272,001, June 24, 1930. Republished Mar. 2.

Phosphates, Inorganic. Monsanto Chemical Company. 436,871, Mar. 2; Serial No. 497,955, published Dec. 2, 1947.

Resin, B grade wood. Newport Industries, Inc. 437,007, Mar. 2; Serial No. 520,964, published Nov. 18, 1947.

Resins, in liquid, sheet, rod and tube form, Synthetic. Tex Products, Inc. 436,903, Mar. 2; Serial No. 507,157, published Dec. 2, 1947.

Resins in solid and solution forms for general use in the industrial arts, Synthetic. Monsanto Chemical Company. 425,352, Nov. 26, 1946. Canceled Jan. 29, 1948. O. G. Mar. 2.

Resins, Thermoplastic synthetic. Dow Chemical Company. 385,043, Feb. 11, 1941. Canceled Feb. 3, 1948. O. G. Mar. 2.

Rod, tubes and partly prepared articles. Industrial Synthetics Corporation. 436,863, Mar. 2; Serial No. 493,601, published Dec. 2, 1947.

Rosin, High melting. Newport Industries, Inc. 437,005, Mar. 2; Serial No. 520,962, published Nov. 18, 1947.

Rosin, High melting pale. Newport Industries, Inc. 437,006, Mar. 2; Serial No. 520,963, published Nov. 18, 1947.

Rosin, Limed. Newport Industries, Inc. 437,008, Mar. 2; Serial No. 520,965, published Nov. 18, 1947.

Rosin, Polymerized or partially polymerized. Newport Industries, Inc. 437,004, Mar. 2; Serial No. 520,961, published Nov. 18, 1947.

Seed, Lawn-grass. Northrup, King & Co. 191,520, Nov. 11, 1924. Republished Mar. 2.

Seeds and grain seeds, Field. Ed. F. Mangeldorf & Bro., Inc. 437,017, Mar. 2; Serial No. 521,586, published Nov. 25, 1947.

Skins, Processed. Reliable Tanners, Inc. 436,942, Mar. 2; Serial No. 514,494, published Dec. 2, 1947.

Solutions or resins, Clear viscous. Monsanto Chemical Works. 273,144, July 22, 1930. Republished Mar. 2.

Tar, Pine. E. W. Colledge General Sales Agent, Inc. 235,384, renewed Nov. 15, 1947. O. G. Mar. 2.

CLASS 2

Cartons and boxes. Chicago Carton Company. 275,984, Oct. 7, 1930. Republished Mar. 2.
Containers of a diaphanous material. Humitube Mfg. Co. 270,633, May 13, 1930. Republished Mar. 2.
Nursery sets each including a plurality of jars and a holder therefor. Owens-Illinois Glass Company. 358,786, July 26, 1938. Republished Mar. 2.

CLASS 3

Bags, pocketbooks, portable cases, etc., Hand. Hookless Fastener Company. 272,191, July 1, 1930. Republished Mar. 2.
Handbags, pocketbooks, portable cases, etc. Hookless Fastener Company. 270,773, May 13, 1930. Republished Mar. 2.
Lining for trunks, imitation-leather. Hartmann Trunk Company. 197,920, Apr. 28, 1925. Republished Mar. 2.
Wardrobe cases, suitcases, luggage, etc. Hartmann Trunk Company. 253,559, Feb. 26, 1929. Republished Mar. 2.

CLASS 4

Cleaner for removing grease and soil. F. Perew, Jr. 436,946, Mar. 2; Serial No. 514,718, published June 17, 1947.
Cleaner, Hand. A. R. Chappel. 436,936, Mar. 2; Serial No. 514,009, published Nov. 18, 1947.
Cleaner having incidental polishing qualities, Automobile. Beautykote Corporation. 436,901, Mar. 2; Serial No. 507,097, published Nov. 11, 1947.
Cleaning. preparation. Household Aids Co. 436,997, Mar. 2; Serial No. 520,215, published Nov. 11, 1947.
Cleanser for manikins and similar painted or enameled display, etc. Bontee Laboratories. 436,889, Mar. 2; Serial No. 504,878, published May 6, 1947.
Cleanser, Toilet bowl. Tennessee Supply Co. 437,030, Mar. 2; Serial No. 522,671, published Nov. 11, 1947.
Compound adapted for use in cleaning and polishing. U. S. Sanitary Specialties Corporation. 242,078, May 15, 1928. Republished Mar. 2.
Compound, General cleaning or washing. U. S. Sanitary Specialties Corporation. 237,099, renewed Jan. 3, 1948. O. G. Mar. 2.
Cream, Shaving. Burma-Vita Co. 227,135, renewed Jan. 5, 1948. O. G. Mar. 2.
Dressing, blacking, and polish, Leather. Regal Shoe Company. 261,648, Sept. 17, 1929. Republished Mar. 2.
Emulsifier which is a special condensate of poly-glycol. Jacques Wolf & Co. 436,886, Mar. 2; Serial No. 503,848, published Nov. 11, 1947.
Paste-like preparation for shaving. Barbasol Company. 436,851, Mar. 2; Serial No. 477,833, published Nov. 18, 1947.
Penetrating oil preparations. Brock Chemical Co., Inc. 436,984, Mar. 2; Serial No. 519,055, published Nov. 11, 1947.
Polish, shoe polish, toilet soap, etc., Silver. Consolidated Cosmetics. 436,915, Mar. 2; Serial No. 510,764, published Nov. 11, 1947.
Polish, Stove enamel. J. L. Prescott Company. 235,110, renewed Nov. 8, 1947. O. G. Mar. 2.
Powder having polishing characteristics, Pulverized. Carl Johnsen Company. 436,911, Mar. 2; Serial No. 509,850, published Nov. 11, 1947.
Soap. S. Greenblatt. 436,864, Mar. 2; Serial No. 493,924, published Feb. 11, 1947.
Soap. Procter & Gamble Company. 225,057, Mar. 8, 1927. Republished Mar. 2.
Soap. Procter & Gamble Company. 252,108, Jan. 22, 1929. Republished Mar. 2.
Soap. Procter & Gamble Company. 252,180, Feb. 19, 1929. Republished Mar. 2.
Soap. Procter & Gamble Company. 269,029, Mar. 25, 1930. Republished Mar. 2.
Soap. Procter & Gamble Company. 269,142, Mar. 25, 1930. Republished Mar. 2.
Soap. Procter & Gamble Company. 272,867, July 15, 1930. Republished Mar. 2.
Soap. Procter & Gamble Company. 279,586, Jan. 20. 1931. Republished Mar. 2.
Soap. Procter & Gamble Company. 281,577, Mar. 24, 1931. Republished Mar. 2.
Soap and brushless shave cream. Botany Worsted Mills. 436,925, Mar. 2; Serial No. 512,572, published Nov. 11, 1947.
Soap, Carpet and rug. Davies-Young Soap Company. 258,011, June 25, 1929. Republished Mar. 2.
Soap compound, Fabric cleansing. U. S. Sanitary Specialties Corporation. 270,368, May 6, 1930. Republished Mar. 2.
Soap flakes. Procter & Gamble Company. 246,898, Sept. 18, 1928. Republished Mar. 2.
Soap, Toilet. Charles of The Ritz, Inc. 436,860, Mar. 2; Serial No. 491,398, published Apr. 9, 1946.
Soap, Toilet. D. D. D. Corporation. 276,653, Oct. 21, 1930. Republished Mar. 2.
Soap, Toilet. Nettie Rosenstein, Inc. 436,977, Mar. 2; Serial No. 518,690, published Nov. 11, 1947.
Soaps. P. P. Mülhens. 235,702–4, renewed Nov. 22, 1947. O. G. Mar. 2.
Soaps. Paul Peter Mülhens. 235,775–6, renewed Nov. 22, 1947. O. G. Mar. 2.
Soaps. J. R. Watkins Company. 437,055, Mar. 2; Serial No. 525,464, published Nov. 11, 1947.
Soaps and perfumed soaps, Bath. J. Cochran. 436,990, Mar. 2; Serial No. 519,514, published Nov. 11, 1947.

CLASS 6

Alcohol, brilliantine and rose hair oil, Rubbing. American Carbon Paper Mfg. Co. 436,913, Mar. 2; Serial No. 510,419, published Dec. 2, 1947.
Alkalizing preparation. R. P. White Drug Company. 436,983, Mar. 2; Serial No. 520,076, published Dec. 2, 1947.
Astringent, deodorant, antiseptic, etc. San-I-Sal Laboratories, Inc. 235,844, renewed Nov. 29, 1947. O. G. Mar. 2.
Bleaching material, Laundry. Wallace & Tiernan Co., Inc. 237,527, Jan. 10, 1928. Corrected. O. G. Mar. 2.
Broncho-dilator and antispasmodic. Sterling Drug Inc. 436,982, Mar. 2; Serial No. 519,037, published Nov. 11, 1947.
Capsules of granular products, Medicinal. R. J. Moran Co. 437,043, Mar. 2; Serial No. 523,978, published Dec. 9, 1947.
Chemical adjuvants. Monsanto Chemical Company. 437,031, Mar. 2; Serial No. 522,724, published Dec. 2, 1947.
Chemical, Bulk. Ohio-Apex, Inc. 436,932, Mar. 2; Serial No. 513,453, published Dec. 9, 1947.
Chemical for coloring hearth fires. L. Gallitano. 436,969, Mar. 2; Serial No. 517,360, published Dec. 9, 1947.
Chemical for use in the treatment of photographic film and photographic printing paper. Robely Laboratories Inc. 437,019, Mar. 2; Serial No. 521,754, published Nov. 11, 1947.
Chemical preparation. Valley Chemical Company, Inc. 436,877, Mar. 2; Serial No. 500,782, published Dec. 2, 1947.
Chemical preparation for bleaching or stripping colors from textile, etc. Watson-Park Company. 255,263, Apr. 16, 1929. Republished Mar. 2.
Chemical preparation for use in water-proofing textile materials, etc. Watson-Park Company. 255,265, Apr. 16, 1929. Republished Mar. 2.
Chemical products. Monsanto Chemical Company. 436,923, Mar. 2; Serial No. 512,194, published Dec. 9, 1947.
Chemical toxicants. Monsanto Chemical Company. 437,010, Mar. 2; Serial No. 521,083, published Nov. 11, 1947.
Chemicals in liquid form used in dyeing operations. Nyanza Color & Chemical Co. Inc. 240,201, renewed Mar. 20, 1948. O. G. Mar. 2.
Cold-wave preparation. Coronet Beauty Products, Inc. 436,978, Mar. 2; Serial No. 518,718, published Dec. 2, 1947.
Compound used as a vulcanization accelerator. Rubber Service Laboratories Co. 257,182, May 28, 1929. Republished Mar. 2.
Cosmetic preparations. Carter Products, Inc. 436,894, Mar. 2; Serial No. 505,041, published Dec. 2, 1947.
Cosmetics. Stephanie Limited Inc. 436,929, Mar. 2; Serial No. 513,140, published Dec. 2, 1947.
Cough syrup. E. L. Patch Company. 240,349, renewed Mar. 27, 1948. O. G. Mar. 2.
Cream, medicated cream, night hormone cream, etc., Cleansing. Zofia Dolega Dzinkiewicz. 437,036, Mar. 2; Serial No. 523,446, published Dec. 2, 1947.
Dentifrices in liquid, powder, paste and soap form. H. J. S., W. H. and M. M. Hall and I. Hawley. 65,631, re-renewed Oct. 15, 1947. O. G. Mar. 2.
Deodorizers. Cando Corporation. 260,302, Aug. 20, 1929. Republished Mar. 2.
Dyes. Wells & Richardson Company, Incorporated. 189,484, renewed Jan. 5, 1948. O. G. Mar. 2.
Dyestuffs and chemical products, Artificial. Durand & Huguenin S. A. 231,675, renewed Aug. 23, 1947. O. G. Mar. 2.
Eau de cologne water, perfumery, hair tonics, shampoo, etc. P. P. Mülhens. 235,736–40; renewed Nov. 22, 1947. O. G. Mar. 2.
Elixir and a medicinal tablet, Medicinal. R. J. Moran Co. 437,042, Mar. 2; Serial No. 523,975, published Nov. 18, 1947.
Emulsifying agent. Glyco Products Co. Inc. 436,919, Mar. 2; Serial No. 511,552, published Dec. 9, 1947.
Emulsion of petrolatum with malt. United Laboratories. 214,970–1, renewed July 6, 1946. O. G. Mar. 2.
Estrogenic hormone cream. S. and S. Co., Ltd. 437,012, Mar. 2; Serial No. 521,290, published Dec. 2, 1947.
Flux, welding flux, soldering flux, etc., Abrasive. F. S. McBride. 436,896, Mar. 2; Serial No. 505,430, published Nov. 18, 1947.
Glycerine. Procter & Gamble Company. 275,166, Sept. 16, 1930. Republished Mar. 2.
Herb vegetable compound and salve. C. W. Owens. 436,957, Mar. 2; Serial No. 515,984, published Dec. 9, 1947.
Hydrocarbons and their derivatives, Chlorinated aromatic. Federal Phosphorus Company. 271,947, June 17, 1930. Republished Mar. 2.
Injection, Intramuscular. C. F. Kirk Company. 436,917, Mar. 2; Serial No. 511,162, published Dec. 9, 1947.

Insecticide. C. H. Momberger. 437,053, Mar. 2; Serial No. 524,806, published Dec. 9, 1947.
Insecticides. U. S. Sanitary Specialties Corporation. 240,415, renewed Mar. 27, 1948. O. G. Mar. 2.
Liniment. Minard's Liniment Manufacturing Company. 67,620, re-renewed Feb. 11, 1948. O. G. Mar. 2.
Lipstick, rouge and face powder. R. Hudnut. 436,937, Mar. 2; Serial No. 514,037, published Dec. 9, 1947.
Lipsticks. R. Hudnut. 436,941, Mar. 2; Serial No. 514,476, published Dec. 9, 1947.
Lotion, Skin. V. Demoro. 434,162, Nov. 11, 1947. Corrected. O. G. Mar. 2.
Lubricant. A. Rehn. 436,884, Mar. 2; Serial No. 503,754, published Nov. 18, 1947.
Material composed of saturated fatty acids. Procter & Gamble Company. 271,221, May 27, 1930. O. G. Mar. 2.
Medicinal preparation. Plough Chemical Company. 235,685, renewed Nov. 22, 1947. O. G. Mar. 2.
Medicine. Blud Life Company, Inc. 210,926, renewed Mar. 30, 1946. O. G. Mar. 2.
Medicine, External fungus. D. G. Zimmerman. 437,039, Mar. 2; Serial No. 523,554, published Dec. 9, 1947.
Ointment for skin diseases. Walker Pharmacal Company. 237,485, renewed Jan. 10, 1948. O. G. Mar. 2.
Ointment for skin irritations. P. Adamopoulos. 436,985, Mar. 2; Serial No. 519,247, published Nov. 11, 1947.
Ointment or salve, Healing. Hark Company. 436,933, Mar. 2; Serial No. 513,564, published Dec. 9, 1947.
Ointment, skin balm, hair dressing and grower, etc., Fairskin. Mo-Grow Chemical Co. 234,557, renewed Nov. 1, 1947. O. G. Mar. 2.
Perfume. Avon Products, Inc. 430,312, June 10, 1947. Canceled Jan. 6, 1948. O. G. Mar. 2.
Perfume. E. Daltroff et Cie. 255,198, Apr. 16, 1929. Republished Mar. 2.
Perfume. E. Daltroff et Cie. 257,146, May 28, 1929. Republished Mar. 2.
Perfumes. Societe D'Etudes et D'Expansion de la Parfumerie de Luxe. 436,881–2, Mar. 2; Serial Nos. 502,084–5, published Dec. 2, 1947.
Perfumes, toilet water, face powder, etc. Cheramy, Inc. 240,112, renewed Mar. 20, 1948. O. G. Mar. 2.
Perfumes, toilet waters, and cosmetic creams. Lentheric, Incorporated. 436,944, Mar. 2; Serial No. 514,661, published Dec. 9, 1947.
Perfumes, toilet waters, toilet powders, etc. Carmela Nieto de Herreara E Hijos. 256,386, May 14, 1929. Republished Mar. 2.
Pills for constipation. F. C. Axtell. 234,948, renewed Nov. 8, 1947. O. G. Mar. 2.
Powder, Toilet. Silica Gel Products Corporation. 230,618, Aug. 2, 1927. Republished Mar. 2.
Powders and compact rouges, lip sticks, etc., Compact. I. Miller & Sons, Inc. 238,541, renewed Feb. 7, 1948. O. G. Mar. 2.
Preparation for diseases of the kidneys. Reed & Carnrick. 236,377, renewed Dec. 13, 1947. O. G. Mar. 2.
Preparation for the prevention and relief of sunburn. G. L. Nye. 436,994, Mar. 2; Serial No. 520,117, published Dec. 9, 1947.
Preparation for the treatment of minor aches and pains. Riggs Remedy Company. 437,037, Mar. 2; Serial No. 523,456, published Dec. 2, 1947.
Preparation for treatment of minor irritations of the skin and scalp. Potter Drug & Chemical Corporation. 436,973, Mar. 2; Serial No. 518,319, published Dec. 2, 1947.
Remedies for indigestion and dyspepsia. Frederick Stearns & Co. 67,970, re-renewed Mar. 3, 1948. O. G. Mar. 2.
Remedy for inebriety. Physicians Co-Operative Association. 65,858, re-renewed Oct. 29, 1947. O. G. Mar. 2.
Rust preventives and rust inhibitors. Standard Oil Company of California. 437,009, Mar. 2; Serial No. 520,978, published Nov. 25, 1947.
Saline preparation. Thomas Kerfoot & Co., Limited. 436,966, Mar. 2; Serial No. 517,191, published Dec. 2, 1947.
Salt, Table. International Salt Company, Inc. 177,354, Dec. 18, 1923. Corrected. O. G. Mar. 2.
Salve, Healing. H. L. Kezar. 234,438, renewed Oct. 25, 1947. O. G. Mar. 2.
Skin-softening preparation. Campana Corporation. 234,573, Nov. 1, 1927. Republished Mar. 2.
Solution of vitamins of the B-complex group, Sterile, injectible. S. F. Durst & Co., Inc. 436,995, Mar. 2; Serial No. 520,150, published Dec. 2, 1947.
Spray preparation. American Disinfecting Company. 261,304, Sept. 17, 1929. Republished Mar. 2.
Sterile injectible solution and/or microsuspension of crystalline progesterone. S. F. Durst & Co., Inc. 436,996, Mar. 2; Serial No. 520,151, published Dec. 2, 1947.
Toilet water, perfume, face powder, etc. H. D. Koenig. 436,938, Mar. 2; Serial No. 514,046, published Nov. 11, 1947.
Tonic, Lung. Owbridge, Limited. 66,650, re-renewed Dec. 17, 1947. O. G. Mar. 2.
Tonic, medicine for diseases of the nervous system, etc., General. Smith, Kline & French Laboratories. 436,908, Mar. 2; Serial No. 509,610, published Dec. 2, 1947.
Tonics, stimulators, and treatments for the scalp and hair. Carl Brandenfels, Inc. 436,918, Mar. 2; Serial No. 511,198, published Dec. 2, 1947.
Vitamin-bearing dietary food supplement. Lo-Calory Food Corporation. 437,015, Mar. 2; Serial No. 521,527, published Dec. 2, 1947.
Vitamin preparation. Specifide, Inc. 436,980, Mar. 2; Serial No. 518,917, published Nov. 18, 1947.

CLASS 8

Pipes, Briar. G. Khoubesser. 436,975, Mar. 2; Serial No. 518,534, published Nov. 25, 1947.
Pipes, Smoker's. Empire Briar Pipe Co., Inc. 436,849, Mar. 2; Serial No. 473,774, published Sept. 9, 1947.
Pipes, Tobacco. Robert Sinclair Tobacco Company, Limited. 436,939, Mar. 2; Serial No. 514,141, published Dec. 2, 1947.
Pouches, cigarette cases, and cigar cases, Tobacco. Hookless Fastener Company. 270,090, Apr. 29, 1930. Republished Mar. 2.
Pouches, cigarette cases, and cigar cases, Tobacco. Hookless Fastener Company. 270,509, May 6, 1930. Republished Mar. 2.

CLASS 9

Dynamite, Nitroglycerin. Potts Powder Company. 68,557, re-renewed Apr. 14, 1948. O. G. Mar. 2.

CLASS 10

Fertilizer. Synthetic Nitrogen Products Corporation. 244,000, July 3, 1928. Republished Mar. 2.

CLASS 11

Paper, Carbon. Neidich Process Company. 235,308, renewed Nov. 15, 1947. O. G. Mar. 2.

CLASS 12

Boards or sheets. Armstrong Cork & Insulation Company. 250,503, Dec. 11, 1928. Republished Mar. 2.
Boards, Rough and dressed lumber. W. M. Ritter Lumber Company. 268,022, Mar. 4, 1930. Republished Mar. 2.
Cement colors. Builder's Specialty Co., Inc. 232,170, renewed Sept. 6, 1947. O. G. Mar. 2.
Composition building materials. Continental Building Specialties. 246,880, Sept. 18, 1928. Republished Mar. 2.
Doors, Interior and exterior admission. Reliance Art Metal Company. 437,063, Mar. 2.
Forms for concrete construction. Soulé Steel Company. 273,177, July 22, 1930. Republished Mar. 2.
Insulating and building materials, Thermal and sound. Owens-Illinois Glass Company. 421,786, July 18, 1946. Republished Mar. 2.
Lime. Woodville Lime Products Company. 233,049–50, renewed Sept. 20, 1947. O. G. Mar. 2.
Lumber, Rough and dressed. W. M. Ritter Lumber Company. 267,986, Mar. 4, 1930. Republished Mar. 2.
Lumber, Rough and dressed. W. M. Ritter Lumber Company. 268,023, Mar. 4, 1930. Republished Mar. 2.
Lumber, Rough and dressed. W. M. Ritter Lumber Company. 272,550, July 8, 1930. Republished Mar. 2.
Plaster board, wall board, and composition board. Schumacher Wall Board Corporation. 235,372, renewed Nov. 15, 1947. O. G. Mar. 2.
Sheet-metal units, Hollow. Gross Metal Products Company. 261,928, Sept. 24, 1929. Republished Mar. 2.

CLASS 13

Automatic separators. Leavitt Machine Company. 437,068, Mar. 2.
Enameled ware. Columbian Enameling & Stamping Co. 269,510, Apr. 8, 1930. Republished Mar. 2.
Fasteners, Separable. Hookless Fastener Company. 250,113, Nov. 27, 1928. Republished Mar. 2.
Fasteners, Separable. Hookless Fastener Company. 271,179, Mar. 27, 1930. Republished Mar. 2.
Hinges. Chicago Spring Hinge Company. 212,396, May 4, 1926. Republished Mar. 2.
Nails. Crescent Brass & Pin Company. 272,503, July 8, 1930. Republished Mar. 2.
Rivets. Bendix Brake Company. 273,981, Aug. 19, 1930. Republished Mar. 2.
Slider and wheels for furniture casters. Bassick Company. 240,590, renewed Apr. 3, 1948. O. G. Mar. 2.
Tire chains, Automobile. Pyrene Manufacturing Company. 235,596, renewed Nov. 22, 1947. O. G. Mar. 2.

CLASS 14

Bronze, Phosphor. Magnolia Metal Company. 259,359, July 30, 1929. Republished Mar. 2.
Lead and alloys. Bearium Bearings, Inc. 241,054, renewed Apr. 17, 1948. O. G. Mar. 2.
Lead and alloys used for bearing and packing metals. Bearium Bearings, Inc. 240,220, renewed Mar. 20, 1948. O. G. Mar. 2.
Metal castings. Robbins & Myers, Inc. 269,545, Apr. 8, 1930. Republished Mar. 2.
Metal sheets and rods, Unfinished or partly finished nonferrous. R. D. Werner Co., Inc. 437,062, Mar. 2.
Metals, antifriction metals, and metallic alloys, Babbitt. Magnolia Metal Company. 273,185, July 22, 1930. Republished Mar. 2.

Rail anchors and rail joint shims. American Fork and Hoe Company. 258,575, July 9, 1929. Republished Mar. 2.
Steel, Tool. Kloster Steel Corporation. 235,975, renewed Nov. 29, 1947. O. G. Mar. 2.
Steel, Tool. Kloster Steel Corporation. 252,027, Jan. 22, 1929. Republished Mar. 2.
Steels, alloy steels, and carbon tool steels, High-speed. Vanadium-Alloys Steel Company. 237,018, renewed Jan. 3, 1948. O. G. Mar. 2.
Wire, sheets, tubes, rods and special shapes and ingots made of bronze. American Brass Company. 239,610, renewed Mar. 6, 1948. O. G. Mar. 2.

CLASS 15

Gasoline. Chestnut & Smith Corporation. 235,487, renewed Nov. 22, 1947. O. G. Mar. 2.
Gasoline, lubricating oils and greases. Cities Service Oil Company. 236,786, renewed Dec. 20, 1947. O. G. Mar. 2.
Grease, Petroleum. Swan-Finch Oil Corporation. 239,059, renewed Feb. 21, 1948. O. G. Mar. 2.
Greases, Lubricating. Pure Oil Company. 252,484, Feb. 12, 1929. Republished Mar. 2.
Kerosene, gasoline, lubricating oils and greases. Cities Service Oil Company. 231,505, renewed Aug. 23, 1947. O. G. Mar. 2.
Oils, greases, and compounds, Lubricating. Jenkin-Guerin Oil Company. 269,882, Apr. 22, 1930. Republished Mar. 2.
Oils, Lubricating. Pure Oil Company. 243,822, July 3, 1928. Republished Mar. 2.
Oils, Lubricating. Pure Oil Company. 252,544–6, Feb. 12, 1929. Republished Mar. 2.
Oils, Lubricating. Pure Oil Company. 252,530, Feb. 12, 1929. Republished Mar. 2.
Oils, Lubricating. Pure Oil Company. 252,565, Feb. 12, 1929. Republished Mar. 2.
Oils, Lubricating. Pure Oil Company. 270,318, May 6, 1930. Republished Mar. 2.

CLASS 16

Enamel, Paint. Con-Ferro Paint & Varnish Company. 436,943, Mar. 2; Serial No. 514,577, published Oct. 14, 1947.
Painting-color and varnish. Firm of Gustav Briegleb. 30,076, re-renewed Mar. 25, 1947. O. G. Mar. 2.
Paints, varnishes, color, etc., Prepared and mixed. Thomson Wood Finishing Co. 68,484, re-renewed Apr. 14, 1948. O. G. Mar. 2.
Varnishes, enamels, and varnish-paints. Thomson Wood Finishing Co. 67,845, re-renewed Feb. 18, 1948. O. G. Mar. 2.
Wax preparation, Liquid. American Disinfecting Company. 252,967, Feb. 19, 1929. Republished Mar. 2.

CLASS 17

Cigars. Compania General de Tabacos de Filipinas. 240,270, renewed Mar. 20, 1948. O. G. Mar. 2.
Tobacco, Smoking and chewing. Gallaher Limited. 237,883, renewed Jan. 17, 1948. O. G. Mar. 2.
Tobacco, Smoking and/or chewing. Governor and Company of Adventurers of England Trading into Hudson's Bay. 296,152, July 26, 1932. Canceled Jan. 21, 1948. O. G. Mar. 2.

CLASS 19

Automobiles and motor trucks and structural parts thereof. International Harvester Company. 275,762, Sept. 30, 1930. Republished Mar. 2.
Bicycles. May Department Stores Company. 360,369, Sept. 13, 1938. Canceled Jan. 28, 1948. O. G. Mar. 2.
Brakes and brake systems and parts thereof. Bendix Brake Company. 258,394, July 9, 1929. Republished Mar. 2.
Springs, railway-car wheels and tires, etc., Railway-car. Railway Steel Spring Company. 68,223, re-renewed Mar. 17, 1948. O. G. Mar. 2.
Trucks and constructive parts thereof, Motor. Divco-Detroit Corporation. 248,683, Oct. 30, 1928. Republished Mar. 2.

CLASS 20

Covering, Floor. Paraffine Companies, Inc. 234,863, renewed Nov. 8, 1947. O. G. Mar. 2.
Coverings, Felt base floor. Armstrong Cork Company. 500,004, Mar. 2.

CLASS 21

Batteries, Wet storage. Globe-Union Mfg. Co. 271,944, June 17, 1930. Republished Mar. 2.
Blowers, suction cleaners, and sprayers, Electrically-driven portable electric. Breuer Electric Mfg. Co. 246,727, Sept. 11, 1928. Republished Mar. 2.
Electrical lamps, torchères and candelabra. Crest Company. 236,711, renewed Dec. 20, 1947. O. G. Mar. 2.
Electrical lighters and dispensers, Automatic. American Metal Products Corporation. 241,892, renewed May 8, 1948. O. G. Mar. 2.
Fans, Electric. Robbins & Myers, Inc. 260,760, Aug. 27, 1929. Republished Mar. 2.
Lamps, torchères, and candelabra, Electrical. Crest Company. 234,588, renewed Nov. 1, 1947. O. G. Mar. 2.
Switches, bus-bar clamps, bus supports, etc. Electric Power Equipment Corporation. 238,412, renewed Feb. 7, 1948. O. G. Mar. 2.
Switches, Thermally-operated electric cut-out. Minneapolis-Heat Regulator Company. 241,954, May 8, 1928. Republished Mar. 2.
Switches, Thermally-operated electric cut-out. Minneapolis-Honeywell Regulator Company. 271,566, June 10, 1930. Republished Mar. 2.

CLASS 22

Balls, Golf. Worthington Ball Company. 270,844–7, May 13, 1930. Republished Mar. 2.
Bridge sets, tennis racket covers, and golf bags. Hookless Fastener Company. 271,679–80, June 17, 1930. Republished Mar. 2.

CLASS 23

Axes, scythes, hatchets, etc. American Axe and Tool Company. 164,880, Feb. 27, 1923. Republished Mar. 2.
Blades, Cutter. E. C. Atkins and Company. 283,211, May 19, 1931. Republished Mar. 2.
Cultivators, seeders, forks, etc. American Fork and Hoe Company. 260,024, Aug. 13, 1929. Republished Mar. 2.
Drives and parts of drives. Eclipse Machine Company. 169,006, renewed Jan. 5, 1948. O. G. Mar. 2.
Dyeing machinery. E. A. Stienen. 437,076, Mar. 2.
Files. E. C. Atkins and Company. 255,151, Apr. 16, 1929. Republished Mar. 2.
Grinders and parts thereof, Portable and flexible shaft bench. Keller Mechanical Engineering Corporation. 271,015, May 20, 1930. Republished Mar. 2.
Grinders, Feed. Western Land Roller Company. 278,343, Dec. 16, 1930. Republished Mar. 2.
Grinding machines and parts thereof. Carborundum Company. 267,942, Mar. 4, 1930. Republished Mar. 2.
Hammers. Kelly Axe Manufacturing Company. 175,128, Oct. 30, 1923. Republished Mar. 2.
Handles, handsaws, crosscut saws, etc., Handsaw. E. C. Atkins and Company. 271,387, June 3, 1930. Republished Mar. 2.
Knitting machines. Wildt and Company, Limited. 437,061, Mar. 2.
Knives, Machine. E. C. Atkins and Company. 229,630, July 5, 1927. Republished Mar. 2.
Machinery and parts of machinery. Taylor, Stiles & Company. 63,869, re-renewed July 9, 1947. O. G. Mar. 2.
Machines, Precision grinding. Heald Machine Company. 248,760, Oct. 30, 1928. Republished Mar. 2.
Pumps, Irrigation and drainage. M. L. Van Ness. 437,067, Mar. 2.
Pumps, well-pump parts and fittings, etc., Well. D. & B. Pump and Supply Co. 204,079, Oct. 6, 1925. Republished Mar. 2.
Rollers, Land. Western Land Roller Company. 272,617, July 8, 1930. Republished Mar. 2.
Saws, Cross cut. E. C. Atkins and Company. 242,812, June 5, 1928. Republished Mar. 2.
Sewing machines, overseaming and crochet sewing machines. Merrow Machine Company. 151,396, renewed Jan. 5, 1948. O. G. Mar. 2.
Shovels and spades. Skelton Shovel Co., Inc. 252,390, Feb. 5, 1929. Republished Mar. 2.
Sprayers and parts thereof, Hand-operated portable. Hudson Manufacturing Co. 232,872–3, renewed Sept. 20, 1947. O. G. Mar. 2.
Sprayers and parts thereof, Hand-operated portable. Hudson Manufacturing Co. 232,943, renewed Sept. 20, 1947. O. G. Mar. 2.
Tools, Automotive maintenance. Automotive Maintenance Machinery Co. 282,012–13, Apr. 7, 1931. Republished Mar. 2.
Typewriting machines and typewriting-machine parts. Underwood Typewriter Company. 68,628, re-renewed Apr. 21, 1948. O. G. Mar. 2.
Wrenches and pliers. Crescent Tool Company. 67,460, re-renewed Feb. 4, 1948. O. G. Mar. 2.

CLASS 24

Washers and extractors, Clothes. Waterway Company. 436,956, Mar. 2; Serial No. 515,923, published Nov. 11, 1947.

CLASS 25

Safes, filing safes, note cases, etc. General Fireproofing Company. 273,959, Aug. 19, 1930. Republished Mar. 2.

CLASS 26

Calculating machines. Reliable Typewriter & Adding Machine Corporation. 244,386, July 17, 1928. Republished Mar. 2.
Calculating machines. Reliable Typewriter & Adding Machine Corporation. 252,921, Feb. 19, 1929. Republished Mar. 2.
Glass funnels. Kimble Glass Company. 377,989, May 21, 1940. Republished Mar. 2.
Glassware, Chemical and laboratory. Kimble Glass Company. 393,743, Mar. 3, 1942. Republished Mar. 2.

Glassware, Chemical, scientific, and laboratory. Kimble Glass Company. 379,844, July 30, 1940. Republished Mar. 2.
Glassware, Chemical, scientific, and laboratory. Kimble Glass Company. 381,836, Oct. 8, 1940. Republished Mar. 2.
Glassware, Laboratory. Kimble Glass Company. 311,933, Apr. 10, 1934. Republished Mar. 2.
Hydrometers. Kimble Glass Company. 384,792, Feb. 4, 1941. Republished Mar. 2.
Plates and photo films, Printing. Jeffery White Studio, Inc. 231,306, renewed Aug. 16, 1947. O. G. Mar. 2.
Printing, registering, and issuing machines, Ticket. Automatic Ticket Register Corporation. 234,624, renewed Nov. 1, 1947. O. G. Mar. 2.

CLASS 27

Watches and clocks. Robt. H. Ingersoll & Bro. 89,265, Dec. 3, 1912. Corrected. O. G. Mar. 2.
Watches and clocks. Robt. H. Ingersoll & Bro. 93,997, Oct. 28, 1913. Corrected. O. G. Mar. 2.

CLASS 28

Bracelets, necklaces, and earrings. S. M. Schwarzschild. 436,855, Mar. 2; Serial No. 488,053, published Dec. 2, 1947.
Forks, knives, spoons, etc. Ellmore Silver Co., Inc. 437,033, Mar. 2; Serial No. 523,046, published Dec. 9, 1947.
Forks, knives, spoons, etc. Ellmore Silver Co., Inc. 437,040–1, Mar. 2; Serial Nos. 523,888–89, published Dec. 9, 1947.
Jewelry. Freeman-Daughaday Company. 436,904, Mar. 2; Serial No. 507,355, published Dec. 2, 1947.
Jewelry. Goldberg-Kirschman Company. 436,865, Mar. 2; Serial No. 493,952, published Dec. 2, 1947.

CLASS 29

Brushes. Holton & Adams. 66,951, re-renewed Jan. 7, 1948. O. G. Mar. 2.
Brushes. Sanitax Brush Company. 259,164, July 23, 1929. Republished Mar. 2.
Toothbrushes. Owens Staple-Tied Brush Company. 386,790–2, Apr. 22, 1941. Republished Mar. 2.
Toothbrushes. Owens Staple-Tied Brush Company. 388,622, July 1, 1941. Republished Mar. 2.

CLASS 30

Articles made of ceramic materials. Poor & Company. 436,934, Mar. 2; Serial No. 513,981, published Nov. 25, 1947.
Chinaware. Sigma Nu Fraternity. 437,035, Mar. 2; Serial No. 523,425, published Nov. 25, 1947.
Chinaware. Sigma Nu Fraternity. 437,059–60, Mar. 2; Serial Nos. 526,301–2, published Dec. 2, 1947.

CLASS 32

Bedroom suites, dining room suites, living room furniture, etc. Plymouth Wholesale Dry Goods Corporation. 436,961, Mar. 2; Serial No. 516,502, published Oct. 28, 1947.
Bed-springs, mattresses, and pillows. Charles P. Rogers & Co., Inc. 436,852, Mar. 2; Serial No. 479,093, published Nov. 25, 1947.
Bookcases, legal-blank cases, etc. Globe-Wernicke Company. 63,441–2, June 18, 1907. Republished Mar. 2.
Davenports, both sectional and stationary, with matching chairs, upholstered occasional chairs, etc. American Chair Company. 437,064, Mar. 2.
Ferneries, ornamental chairs, benches, etc. Crest Company. 238,017, renewed Jan. 24, 1948. O. G. Mar. 2.
Pillows. P. Gordon. 437,018, Mar. 2; Serial No. 521,735, published Nov. 25, 1947.
Racks and revolving shelf units and cabinets, Revolving clothes. Hoosier Industries, Inc. 436,914, Mar. 2; Serial No. 510,690, published Nov. 18, 1947.
Tables, Occasional. Table Corporation of America. 436,866, Mar. 2; Serial No. 494,413, published Oct. 28, 1947.
Venetian blinds. Arlington Window Shade Corporation. 437,074, Mar. 2.

CLASS 33

Bottles, decanter sets, and liquor sets comprising liquor decanters, etc. Owens-Illinois Glass Company. 333,325, Mar. 17, 1936. Republished Mar. 2.
Bottles, Glass. Owens-Illinois Glass Company. 385,988, Mar. 25, 1941. Republished Mar. 2.
Floats, Glass. Kimble Glass Company. 401,881, June 15, 1943. Republished Mar. 2.
Glass cooking ware. Rexall Drug Company. 436,963, Mar. 2; Serial No. 516,869, published Nov. 18, 1947.
Jars and bottles made of glass. Owens-Illinois Glass Company. 350,543, Sept. 28, 1937. Republished Mar. 2.
Rods, glass tubing and glass containers, Glass. Kimble Glass Company. 398,686, Nov. 17, 1942. Republished Mar. 2.
Table ware. Owens-Illinois Glass Company. 349,774, Sept. 7, 1937. Republished Mar. 2.
Tubes or rods, Glass. Kimble Glass Company. 306,798, Sept. 26, 1933. Republished Mar. 2.

CLASS 34

Airconditioning apparatus. York Heating & Ventilating Corporation. 235,974, renewed Nov. 29, 1947. O. G. Mar. 2.
Device to limit the temperature of the air in the casing of a warm-air furnace. Minneapolis-Honeywell Regulator Company. 250,607, Dec. 11, 1928. Republished Mar. 2.
Gas ranges, Kitchen. Hartman Furniture and Carpet Company. 253,446, Feb. 26, 1929. Republished Mar. 2.
Heaters, Water. Everhot Heater Company. 239,835, renewed Mar. 13, 1948. O. G. Mar. 2.
Stoves and ranges. Orbon Stove and Range Co. 65,651, re-renewed Feb. 11, 1948. O. G. Mar. 2.
Stoves, gas ranges, gas heaters, Gas, etc. American Stove Company. 66,758, re-renewed Dec. 24, 1947. O. G. Mar. 2.

CLASS 35

Hose, Rubber and garden. Gates Rubber Company. 257,568, June 11, 1929. Republished Mar. 2.
Linings and surfacing materials for brakes, Brake. Keasbey & Mattison Company. 436,974, Mar. 2; Serial No. 518,407, published Dec. 2, 1947.
Tires, Vehicle. General Tire and Rubber Company. 246,976, Sept. 18, 1928. Republished Mar. 2.

CLASS 36

Drums; cymbals; fifes; etc. F. Novak. 437,049, Mar. 2; Serial No. 524,615, published Dec. 9, 1947.
Instrument accessories, Musical. J. Schwartz Music Co. Inc. 234,009, renewed Oct. 18, 1947. O. G. Mar. 2.
Instruments, Band and orchestra. Buescher Band Instrument Co. 241,033, renewed Apr. 17, 1948. O. G. Mar. 2.
Musical instruments, Wind and percussion. Vincent Bach Corporation. 240,440, renewed Mar. 27, 1948. O. G. Mar. 2.
Recordings, Physically cut and grooved disc sound. Cinemart, Incorporated. 436,898, Mar. 2; Serial No. 506,229, published Dec. 2, 1947.
Records, Mechanically grooved phonograph. Antillean Music Features, Inc. 437,058, Mar. 2; Serial No. 525,761, published Dec. 9, 1947.
Records, Mechanically grooved phonograph. Sonart Record Corporation. 436,870, Mar. 2; Serial No. 497,344, published Dec. 9, 1947.
Trumpets, cornets, trombones, etc. H. N. White Company. 165,363, Mar. 6, 1923. Republished Mar. 2.

CLASS 37

Board clips, and parts thereof, document-files, compressor-covers, etc. Globe-Wernicke Company. 63,725, July 2, 1907. Republished Mar. 2.
Crayons. Hi-Jen Crayon Co. 235,076, renewed Nov. 8, 1947. O. G. Mar. 2.
Document-files. Globe-Wernicke Company. 63,197, June 11, 1907. Republished Mar. 2.
Document-files. Globe-Wernicke Company. 63,724, July 2, 1907. Republished Mar. 2.
Document-files, shelf-boxes, etc. Globe-Wernicke Company. 63,726, July 2, 1907. Republished Mar. 2.
Envelope and statement form, Combination. Envostat Distributors. 437,057, Mar. 2; Serial No. 525,479, published Nov. 25, 1947.
Envelopes. Transo Envelope Company. 253,871, Mar. 5, 1929. Republished Mar. 2.
Envelopes, Mailing. Transo Envelope Company. 228,598, June 7, 1927. Republished Mar. 2.
Films, foil, or sheets composed of co-polymers of vinylidene chloride, etc. Dow Chemical Company. 406,036, Mar. 7, 1944. Canceled Feb. 3, 1948. O. G. Mar. 2.
Paper. Crown Willamette Paper Company. 250,760, Dec. 18, 1928. Republished Mar. 2.
Paper handkerchiefs. Kotex Company. 273,735, Aug. 12, 1930. Republished Mar. 2.
Paper, Mineral coated. Champion Coated Paper Company. 271,664, June 17, 1930. Republished Mar. 2.
Paper, Mineral coated. Champion Coated Paper Company. 271,757, June 17, 1930. Republished Mar. 2.
Paper, Toilet. National Paper Products Company. 279,461, Jan. 13, 1931. Republished Mar. 2.
Paper, Toilet. Northern Paper Mills. 226,976, renewed Apr. 26, 1947. O. G. Mar. 2.
Paper towels. Crown Willamette Paper Company. 254,308, Mar. 19, 1929. Republished Mar. 2.
Papers, glassine papers, and waxed glassine papers, Waxed. Newark Parafine & Parchment Paper Co. 237,455, renewed Jan. 10, 1948. O. G. Mar. 2.
Papeteries, mailing envelopes, writing paper, etc. Agency Paper Company. 436,970, Mar. 2; Serial No. 517,543, published Nov. 25, 1947.
Pencils and fountain pens, Mechanical. S. M. Sager. 436,955, Mar. 2; Serial No. 515,681, published Nov. 25, 1947.
Pens, Writing. Scripto, Inc. 436,960, Mar. 2; Serial No. 516,444, published Nov. 25, 1947.
Pens, Writing. Sengbusch Self-Closing Inkstand Company. 239,400, renewed Mar. 6, 1948. O. G. Mar. 2.

CLASS 38

Calendars, wall mailing cards, and greeting cards. Wall. Brown & Bigelow. 249,433, Nov. 13, 1938. Republished Mar. 2.
Cards, Greeting. Bilfred Enterprises. 436,885, Mar. 2; Serial No. 503,795, published Nov. 18, 1947.
Magazines. Golden Rule Company. 55,381, re-renewed Aug. 14, 1946. O. G. Mar. 2.
Periodical. Brown & Bigelow. 228,600, June 7, 1927. Republished Mar. 2.
Periodical. Brown & Bigelow. 249,632-3, Nov. 20, 1928. Republished Mar. 2.
Periodical. Brown & Bigelow. 249,803, Nov. 20, 1928. Republished Mar. 2.
Periodical. Felt and Tarrant Manufacturing Company 249,028, Nov. 6, 1928. Republished Mar. 2.
Publications, Musical. Wm. J. Smith Music Co. Inc. 237,329, renewed Jan. 10, 1948. O. G. Mar. 2.

CLASS 39

Belts, Garter. Fashion Form Mfg. Corporation. 436,952, Mar. 2; Serial No. 515,375, published Nov. 18, 1947.
Blouses, Girls'. Little Mistress Togs. 437,021, Mar. 2; Serial No. 521,814, published Nov. 18, 1947.
Blouses, Ladies'. Baar & Beards, Inc. 437,045, Mar. 2; Serial No. 524,048, published Dec. 2, 1947.
Boots and shoes. E. P. Reed & Co. 273,993-4, Aug. 19, 1930. Republished Mar. 2.
Brassières. M. K. de la Vallade. 436,912, Mar. 2; Serial No. 510,163, published Nov. 18, 1947.
Brassières. Enid Frocks, Inc. 192,834, renewed Jan. 5, 1948. O. G. Mar. 2.
Brassières. Halt Brassiere Co. Inc. 437,052, Mar. 2; Serial No. 524,704, published Dec. 9, 1947.
Brassières, bandeaux, corsets, etc. Maiden Form Brassiere Company, Inc. 437,024, Mar. 2; Serial No. 522,112, published Nov. 18, 1947.
Breeches, riding breeches, service breeches, etc. Real Sport Clothing Co. 272,370, July 8, 1930. Republished Mar. 2.
Breeches, riding breeches, service breeches, etc. Real Sport Clothing Co. 280,455, Feb. 17, 1931. Republished Mar. 2.
Clothing, Men's. Padl Clothes Company. 436,907, Mar. 2; Serial No. 509,240, published Dec. 2, 1947.
Clothing, Men's, young men's, and boys'. Globe Tailoring Company. 437,075, Mar. 2.
Clothing, Safety protection. Industrial Products Company. 224,484, renewed Mar. 1, 1947. O. G. Mar. 2.
Clothing, Students' and young men's. Winning-Rattner Co., Inc. 436,991, Mar. 2; Serial No. 520,001, published Nov. 18, 1947.
Clothing, Workingmen's. Larned, Carter & Company. 241,216, renewed Apr. 17, 1948. O. G. Mar. 2.
Coats, Man-tailored. David Moseley & Sons Limited. 436,924, Mar. 2; Serial No. 512,441, published Nov. 18, 1947.
Coats, suits and snowsuits, Infant's, children's and girl's. M. P. Somberg. 437,047, Mar. 2; Serial No. 524,425, published Dec. 9, 1947.
Coats, sweaters, caps, etc., Infants', children's, girl's, and misses'. Comic Togs, Inc. 437,002, Mar. 2; Serial No. 520,552, published Dec. 2, 1947.
Coats, vests, pants, etc., Hunting and fishing. Red Head Brand Company. 436,945, Mar. 2; Serial No. 514,669, published Nov. 4, 1947.
Coats, Waterproof and rainproof. Express Rubber Co. Limited. 236,906, renewed Dec. 27, 1947. O. G. Mar. 2.
Corsets. Franco Corset Company. 268,070, Mar. 4, 1930. Republished Mar. 2.
Corsets and girdles. Form Flex Foundations, Inc. 437,048, Mar. 2; Serial No. 524,602, published Dec. 9, 1947.
Dresses and coats, Women's. Marshall Field & Company. 257,562, June 11, 1929. Republished Mar. 2.
Dresses, blouses, jackets, etc., Ladies' and misses'. Sport-Modes of Boston. 436,916, Mar. 2; Serial No. 510,808, published Dec. 9, 1947.
Dresses, blouses, playsuits, etc., Ladies', misses', and girls'. Crest Fabrics Corp. 437,028, Mar. 2; Serial No. 522,495, published Nov. 18, 1947.
Dresses, coats, suits, etc., and men's shirts and neckties, Ladies. Neal's, Inc. 500,005, Mar. 2.
Dresses, Girls'. Teen Row Fashions Inc. 436,883, Mar. 2; Serial No. 503,141, published Nov. 18, 1947.
Dresses, Ladies'. Sam Friedlander, Inc. 437,051, Mar. 2; Serial No. 524,698, published Dec. 9, 1947.
Dresses, Ladies'. Betty Stuart, Inc. 437,044, Mar. 2; Serial No. 524,023, published Dec. 2, 1947.
Dresses, Uniform. L. M. Cooper. 236,856, renewed Dec. 27, 1947. O. G. Mar. 2.
Dresses, Women's and misses'. Westover Fashions, Inc. 436,981, Mar. 2; Serial No. 518,926, published Nov. 18, 1947.
Footwear. B. F. Goodrich Company. 436,927, Mar. 2; Serial No. 512,737, published Dec. 2, 1947.
Garments, Ladies', misses' and juniors'. A. Elroy. 436,922, Mar. 2; Serial No. 511,990, published Nov. 18, 1947.
Garments, Protective. Chicago Eye Shield Company. 436,878, Mar. 2; Serial No. 501,363, published Nov. 25, 1947.
Gloves. Julius Kayser & Co. 237,656, renewed Jan. 17, 1948. O. G. Mar. 2.
Gloves and mittens. Aris Gloves, Inc. 436,988, Mar. 2; Serial No. 519,372, published Nov. 25, 1947.
Gloves and mittens, Cloth and combination leather and cloth. Milwaukee Glove Company. 236,924, renewed Dec. 27, 1947. O. G. Mar. 2.
Gloves, belts, and shoes. E. Beam, Jr. 437,003, Mar. 2; Serial No. 520,680, published Dec. 2, 1947.
Gloves, Work. Wells Lamont Corporation. 436,862, Mar. 2; Serial No. 493,498, published Nov. 18, 1947.
Hosiery. Bear Brand Hosiery Co. 237,829, renewed Jan. 17, 1948. O. G. Mar. 2.
Hosiery. James A. Hearn & Son, Inc. 236,859, renewed Dec. 27, 1947. O. G. Mar. 2.
Hosiery. Paramount Knitting Company. 66,340, Nov. 19, 1947. O. G. Mar. 2.
Hosiery. Paramount Knitting Company. 66,525, re-renewed Dec. 10, 1947. O. G. Mar. 2.
Hosiery. Paramount Knitting Co. 66,702, re-renewed Dec. 24, 1947. O. G. Mar. 2.
Hosiery. Rollins Hosiery Mills. 238,834, renewed Feb. 14, 1948. O. G. Mar. 2.
Hosiery. Chester H. Roth Co., Inc. 436,853, Mar. 2; Serial No. 479,308, published May 15, 1945.
Hosiery. Weber & Friedrich, Inc. 239,376, renewed Mar. 6, 1948. O. G. Mar. 2.
Hosiery and underwear. Jacobson Sales Co. 436,909, Mar. 2; Serial No. 509,659, published Nov. 18, 1947.
Hosiery, Silk. Marshall Field & Company. 248,838, Oct. 30, 1928. Republished Mar. 2.
Housecoats, brunchcoats, and housedresses, Ladies'. Morgin Robes, Inc. 436,902, Mar. 2; Serial No. 507,146, published Nov. 25, 1947.
Overalls and coats. Rubin Brothers. 235,342, renewed Nov. 15, 1947. O. G. Mar. 2.
Overalls and pants, Men's and boys'. Top-Notch Manufacturing Company, Inc. 436,967, Mar. 2; Serial No. 517,273, published Nov. 4, 1947.
Overalls, jackets, work and semi-dress pants, etc. Smith Brothers Manufacturing Company. 437,038, Mar. 2; Serial No. 523,485, published Dec. 9, 1947.
Panties. Rosalind Underwear Company, Inc. 436,950, Mar. 2; Serial No. 515,131, published Nov. 18, 1947.
Robes and bath robes, etc., Men's and boys' lounging. Sharon Robe Co., Inc. 437,070, Mar. 2.
Scarfs for women's wear, Fabric. A. M. Grean. 261,276, Sept. 10, 1929. Cancelled Feb. 6, 1948. O. G. Mar. 2.
Shirts, Knitted and woven sport. Manchester Knitted Fashions, Inc. 436,976, Mar. 2; Serial No. 518,543, published Dec. 2, 1947.
Shoes. Billie and George, Inc. 437,020, Mar. 2; Serial No. 521,789, published Dec. 9, 1947.
Shoes. Charles A. Eaton Company. 232,607, renewed Sept. 13, 1947. O. G. Mar. 2.
Shoes. Florsheim Shoe Company. 436,920, Mar. 2; Serial No. 511,603, published Dec. 9, 1947.
Shoes. Milford Shoe Company. 249,722, Nov. 20, 1928. Republished Mar. 2.
Shoes. Virginia Shoe Corporation. 437,032, Mar. 2; Serial No. 522,847, published Dec. 9, 1947.
Shoes and boots, Men's. Kushins, Inc. 436,953, Mar. 2; Serial No. 515,380, published Nov. 4, 1947.
Shoes, Children's. M. Oloff. 436,971, Mar. 2; Serial No. 517,658, published Nov. 4, 1947.
Shoes, Infant. Littonian Shoe Co. 436,959, Mar. 2; Serial No. 516,297, published Nov. 18, 1947.
Shoes, Ladies' and misses'. Desco Shoe Corporation. 437,027, Mar. 2; Serial No. 522,462, published Dec. 9, 1947.
Shoes, Leather. Weyenberg Shoe Mfg. Co. 260,274, Aug. 20, 1929. Republished Mar. 2.
Shoes, Men's. G. A. Hill, Jr. 437,023, Mar. 2; Serial No. 522,099, published Dec. 9, 1947.
Shoes, Women's. Berland Shoe Stores, Inc. 411,062, Jan. 2, 1945. Corrected. O. G. Mar. 2.
Shoes, Women's. Berland Shoe Stores, Inc. 423,695, Sept. 10, 1946. Corrected. O. G. Mar. 2.
Shoes, Women's and misses'. San Loo, Inc. 437,026, Mar. 2; Serial No. 522,290, published Dec. 9, 1947.
Shoes, Women's, girls', and children's. Berland Stores, Inc. 376,609, Apr. 2, 1940. Corrected. O. G. Mar. 2.
Shoes, Women's, girls', and children's. Berland Shoe Stores, Inc. 388,691, July 8, 1941. Corrected. O. G. Mar. 2.
Slippers, Leather and fabric ballet. Brooks Shoe Manufacturing Company. 235,583, renewed Nov. 22, 1947. O. G. Mar. 2.
Slips. Victor Brown Undies, Inc. 436,987, Mar. 2; Serial No. 519,370, published Nov. 18, 1947.
Slips, nightgowns, panties, etc., Women's and children's. K. Kaplan. 436,958, Mar. 2; Serial No. 516,020, published Nov. 18, 1947.
Suits, coats, dresses, etc., Girls', misses', and women's. Bond Stores, Incorporated. 486,854, Mar. 2; Serial No. 479,914, published Dec. 9, 1947.
Suits, pants, and vests, Men's and boys'. Haspel Brothers, Inc. 437,014, Mar. 2; Serial No. 521,448, published Nov. 18, 1947.
Suits, topcoats, and overcoats, Men's and young men's. Wasserman-Rosenthal Co. 437,029, Mar. 2; Serial No. 522,552, published Dec. 9, 1947.

Swimsuits, coats, jackets, etc. Gantner & Mattern Company. 436,928, Mar. 2; Serial No. 513,045, published Dec. 2, 1947.
Swimsuits, coats, jackets, etc. Gantner & Mattern Company. 436,930, Mar. 2; Serial No. 513,173, published Dec. 2, 1947.
Trunks for gym suits or swimming suits; boots and shoes, children's blouses, etc. Hookless Fastener Company. 273,995, Aug. 19, 1930. Republished Mar. 2.
Trunks for gym suits or swimming suits; boots and shoes, children's blouses, etc. Hookless Fastener Company. 274,250, Aug. 26, 1930. Republished Mar. 2.
Underwear, hosiery, pyjamas, etc. Lomas & Reid (1933) Ltd. 436,857, Mar. 2; Serial No. 489,877, published Nov. 18, 1947.
Wearing apparel for women. Société à Responsabilité Limitée Carvin. 436,899, Mar. 2; Serial No. 506,698, published Dec. 9, 1947.
Wearing apparel, Men's and boys'. W. B. Doran Men's Store. 436,897, Mar. 2; Serial No. 505,741, published Dec. 2, 1947.

CLASS 40

Shoulder-strap holders and shoulder-strap loops. Wilson Fastener Company. 276,535, Oct. 21, 1930. Republished Mar. 2.

CLASS 41

Canes, parasols, and umbrellas. I. Miller & Sons, Inc. 239,040, renewed Feb. 21, 1948. O. G. Mar. 2.

CLASS 42

Blankets, Cotton. Beacon Manufacturing Company. 236,176, renewed Dec. 6, 1947. O. G. Mar. 2.
Comforts. Chas. A. Maish Co. 67,286, re-renewed Jan. 28, 1948. O. G. Mar. 2.
Curtains. Bootts Mills. 242,331, renewed May 22, 1948. O. G. Mar. 2.
Curtains, drapes, and curtain and drapery fabrics in the piece, Window. House Beautiful Curtains, Inc. 437,054, Mar. 2; Serial No. 525,331, published Dec. 2, 1947.
Fabrics in the piece. Kinard & Company, Incorporated. 436,979, Mar. 2; Serial No. 518,840, published Dec. 2, 1947.
Fabrics in the piece, Textile. Concordia-Gallia Corporation. 437,056, Mar. 2; Serial No. 525,478, published Dec. 2, 1947.
Fabrics made of cotton and rayon and combinations thereof. Skillmill, Inc. 437,073, Mar. 2.
Film or sheets, Thin transparent or translucent plastic. St. Lawrence Textile Corp. 436,875, Mar. 2; Serial No. 499,356, published Nov. 25, 1947.
Piece goods. Cohn-Hall-Marx Co. 436,954, Mar. 2; Serial No. 515,541, published Dec. 2, 1947.
Piece goods. Pepperell Manufacturing Company. 436,872, Mar. 2; Serial No. 498,169, published Dec. 2, 1947.
Piece goods. Reliable Textile Co., Inc. 436,848, Mar. 2; Serial No. 470,680, published Dec. 2, 1947.
Piece goods. United Merchants and Manufacturers, Inc. 436,905, Mar. 2; Serial No. 507,699, published Dec. 2, 1947.
Piece goods, Cotton. James A. Hearn & Son, Inc. 235,063, renewed Nov. 8, 1947. O. G. Mar. 2.
Piece goods of cotton, rayon, wool, etc. Cohn-Hall-Marx Co. 436,858, Mar. 2; Serial No. 490,286, published Nov. 25, 1947.
Piece goods of rayon. Austinized Fabrics, Inc. 436,940, Mar. 2; Serial No. 514,464, published Nov. 25, 1947.
Piece goods wholly or mainly of wool. Sir Jacob Behrens & Sons. 436,962, Mar. 2; Serial No. 516,759, published Nov. 4, 1947.
Piece goods, Woolen. American Woolen Company. 243,907, July 3, 1928. Republished Mar. 2.
Piece goods, Woolen. American Woolen Company. 259,641, Aug. 6, 1929. Republished Mar. 2.
Piece goods, Worsted. Pacific Mills. 237,769, renewed Jan. 17, 1948. O. G. Mar. 2.
Serim, Cotton or cotton and rayon. Boott Mills. 242,331, renewed May 22, 1948. O. G. Mar. 2.
Silk lace nets. Byard Manufacturing Company Limited. 436,856, Mar. 2; Serial No. 488,449, published Dec. 2, 1947.
Textile fabrics in the piece. H. B. Schneidewind. 436,947, Mar. 2; Serial No. 514,724, published Nov. 18, 1947.
Tickings, ready-made pillow ticks. Levinsohn Textile Co. 436,859, Mar. 2; Serial No. 490,593, published Nov. 25, 1947.

CLASS 44

Bandages, Catamenial. Veldown Company, Inc. 254,162, Mar. 12, 1929. Republished Mar. 2.
Bottles, Nursing. Owens Bottle Company. 226,475, Apr. 12, 1927. Republished Mar. 2.
Napkins, Catamenial. Veldown Company, Inc. 254,390, Mar. 26, 1929. Republished Mar. 2.
Napkins, Sanitary. Berkeley Company. 249,257, Nov. 13, 1928. Republished Mar. 2.
Tubes, Vacuum. Kimble Glass Company. 224,076, Feb. 15, 1927. Republished Mar. 2.

CLASS 45

Beverage, Non-alcoholic, non-cereal, maltless. S. Pruzan. 437,069, Mar. 2.
Beverages, Non-alcoholic, non-cereal, maltless. S. J. Cormany, Jr. 436,949, Mar. 2; Serial No. 514,887, published Nov. 18, 1947.
Beverages, Non-alcoholic, non-cereal, maltless, etc. B-1 Beverage Company. 436,850, Mar. 2; Serial No. 474,017, published Nov. 25, 1947.
Ginger ale. Henry Gehring Company. 232,369, renewed Sept. 6, 1947. O. G. Mar. 2.
Juice, Grape. Church Grape Juice Co. 437,065, Mar. 2.

CLASS 46

Almonds. H. C. Fisher. 235,460, renewed Nov. 22, 1947. O. G. Mar. 2.
Apples, Fresh. Cascadian Fruit Shippers, Inc. 436,935, Mar. 2; Serial No. 514,007, published Sept. 16, 1947.
Apples, pears, cherries, etc. J. R. Tinklepaugh. 436,873, Mar. 2; Serial No. 498,326, published Dec. 9, 1947.
Bakery product. Frank G. Shattuck Co. 306,568, Sept. 26, 1933. Corrected. O. G. Mar. 2.
Biscuit mix and rolled oats. Montana Flour Mills Company. 437,046, Mar. 2; Serial No. 524,370, published Dec. 2, 1947.
Bread. Petersen & Pegau Baking Company. 190,771, Oct. 21, 1924. Republished Mar. 2.
Butter. Fish & Lenox Co. 72,902, Mar. 2, 1909. Cancelled Jan. 28, 1948. O. G. Mar. 2.
Butter. S. Horton. 241,116, renewed Apr. 17, 1948. O. G. Mar. 2.
Cakes. Frank G. Shattuck Company. 240,053, renewed Mar. 20, 1948. O. G. Mar. 2.
Candy. Golden Nugget Sweets. 269,832, Apr. 22, 1930. Republished Mar. 2.
Candy. John Mackintosh & Sons Ltd., Inc. 279,624, Jan. 20, 1931. Republished Mar. 2.
Candy. C. N. Miller. 88,913, Oct. 29, 1912. Republished Mar. 2.
Candy. Charles N. Miller Co. 280,848, Mar. 3, 1931. Republished Mar. 2.
Canned abalone. Marine Products Company. 437,050, Mar. 2; Serial No. 524,657, published Dec. 2, 1947.
Canned clam cakes, canned minced clams, canned lobster a la Newburg, etc. Winston Products Company. 436,926, Mar. 2; Serial No. 512,727, published Nov. 18, 1947.
Canned corn, canned peas, canned red kidney beans, etc. Inderrieden Canning Co. 227,567, May 10, 1927. Republished Mar. 2.
Canned fish, canned vegetables, olives, etc. Strohmeyer & Arpe Company. 271,088, May 27, 1930. Republished Mar. 2.
Canned fruits and dried fruits. J. K. Armsby Company. 67,278, re-renewed Jan. 28, 1948. O. G. Mar. 2.
Canned fruits and vegetables. Makepeace Preserving Company. 268,304, Mar. 11, 1930. Republished Mar. 2.
Canned fruits and vegetables. H. P. Taylor, Jr. 66,059, re-renewed Nov. 5, 1947. O. G. Mar. 2.
Canned fruits, canned vegetables. New York Canners, Inc. 234,952, renewed Nov. 8, 1947. O. G. Mar. 2.
Canned fruits, canned vegetables, dried fruits, and catch-up. California Packing Corporation. 237,241, renewed Jan. 3, 1948. O. G. Mar. 2.
Canned peas and canned corn. Central Wisconsin Canneries. 238,711, renewed Feb. 14, 1948. O. G. Mar. 2.
Canned sardines, celery salt, and fruit jellies. Allied Stores Corporation. 436,876, Mar. 2; Serial No. 499,597, published Dec. 2, 1947.
Canned sardines, concentrated tomato paste, canned tomatoes packed with puree, etc. Strohmeyer & Arpe Company. 232,985, Sept. 20, 1927. Republished Mar. 2.
Canned vegetables and fruits. Jos. Socolof Co., Inc. 228,059, renewed May 2, 1947. O. G. Mar. 2.
Cheese. Kraft Cheese Company. 241,112, renewed Apr. 17, 1948. O. G. Mar. 2.
Chewing gum. Chicles Atlas, S. A. 436,869, Mar. 2; Serial No. 497,231, published Dec. 9, 1947.
Chile preparations in powdered form. Mexican Chile Supply Company. 224,461, renewed Mar. 1, 1947. O. G. Mar. 2.
Chocolate syrups and powders. Chocolate Products Company. 281,421, Mar. 17, 1931. Republished Mar. 2.
Coffee. M. A. Little. 227,656, renewed May 10, 1947. O. G. Mar. 2.
Coffee. Zander & Company, Inc. 240,705, renewed Apr. 3, 1948. O. G. Mar. 2.
Coffee, Prepared. G. Washington Coffee Refining Co. 178,722, renewed Jan. 5, 1948. O. G. Mar. 2.
Cookies. Drake Bakeries, Incorporated. 437,016, Mar. 2; Serial No. 521,570, published Nov. 11, 1947.
Crackers, canned fruits, canned vegetables, etc., Soda. W. R. Ferguson. 437,034, Mar. 2; Serial No. 523,102, published Nov. 25, 1947.
Dog foods. Champion Animal Food Company. 237,680, renewed Jan. 17, 1948. O. G. Mar. 2.
Dressing or sauce. Theonett & Co. 237,455, renewed Jan. 10, 1948. O. G. Mar. 2.

Feed, cow feed, chicken feed, etc., Horse. Colorado Milling & Elevator Co. 232,417, renewed Sept. 6, 1947. O. G. Mar. 2.
Feed for live stock. Charleston Milling & Produce Company. 212,708, May 11, 1926. Republished Mar. 2.
Fish, Fresh frozen and canned. Governor and Company of Adventurers of England trading into Hudson's Bay. 235,261–2, renewed Nov. 15, 1947. O. G. Mar. 2.
Flavors, food essences, and food extracts, etc., Food. C. J. Oidtmann. 425,868, Dec. 3, 1946. Canceled Feb. 6, 1948. O. G. Mar. 2.
Flavors for foods. Monsanto Chemical Works. 267,719, Feb. 25, 1930. Republished Mar. 2.
Flour. Charleston Milling & Produce Company. 182,643, Apr. 15, 1924. Republished Mar. 2.
Flour and for stock feed, Cake. Charleston Milling & Produce Company. 277,480, Nov. 11, 1930. Republished Mar. 2.
Flour made from wheat. New Ulm Roller Mill Company. 227,427, May 3, 1927. Republished Mar. 2.
Flour, Wheat. Pillsbury Flour Mills Company. 275,995, Oct. 7, 1930. Republished Mar. 2.
Flour, Wheat. Wichita Flour Mills Company. 236,247, renewed Dec. 6, 1947. O. G. Mar. 2.
Flour, wheat flour, lentil flour, etc., Banana. Hoyo & Fernandez Sociedad en Comandita. 436,867, Mar. 2; Serial No. 494,790, published Dec. 9, 1947.
Fruit, Fresh citrus. Golden Valley Fruit Company. 436,910, Mar. 2; Serial No. 509,838, published Dec. 9, 1947.
Fruits and vegetables, Frozen deciduous. Ingalls Packing Corporation. 436,931, Mar. 2; Serial No. 513,310, published Dec. 9, 1947.
Fruits, Dried. J. K. Armsby Company. 67,271, re-renewed Jan. 28, 1948. O. G. Mar. 2.
Fruits, Tinned preserved. C. & E. Morton, Limited. 236,237, renewed Dec. 6, 1947. O. G. Mar. 2.
Ice cream stabilizer and improver ingredient. Borden Company. 436,968, Mar. 2; Serial No. 517,346, published Dec. 9, 1947.
Juices, Bottled fruit. F. Smith. 436,868, Mar. 2; Serial No. 495,104, published Dec. 9, 1947.
Middlings, dairy feed, wheat flour, etc. Charleston Milling & Produce Company. 186,585, July 22, 1924. Republished Mar. 2.
Oleomargarin. Crown Margarin Company. 145,550, Aug. 9, 1921. Canceled Feb. 6, 1948. O. G. Mar. 2.
Pastries and ice cream, French. J. D. Coules. 296,889, Aug. 23, 1932. Canceled Feb. 6, 1948. O. G. Mar. 2.
Potatoes, Graded raw. Dean-Osking Company. 234,389, renewed Oct. 25, 1947. O. G. Mar. 2.
Rice. Converted Rice, Inc. 436,998–9, Mar. 2; Serial Nos. 520,321–2, published Dec. 9, 1947.
Salad oil. C. F. Simonin's Sons, Inc. 274,153, Aug. 19, 1930. Republished Mar. 2.
Tea and coffee. Charles Hewitt & Sons Co. 65,821, re-renewed Oct. 22, 1947. O. G. Mar. 2.
Toffee. John Mackintosh and Sons, Limited. 268,159, Mar. 11, 1930. Republished Mar. 2.
Toffee. John Mackintosh and Sons, Limited. 268,183, Mar. 11, 1930. Republished Mar. 2.
Wheat-flour. Hunter Milling Co. 64,310, re-renewed July 30, 1947. O. G. Mar. 2.
Wheat-flour. J. W. Stephenson. 79,531, Sept. 13, 1910. Republished Mar. 2.
Wheat flour. Southwestern Milling Company, Inc. 260,547, Aug. 27, 1929. Republished Mar. 2.
Wheat flour. Southwestern Milling Company, Inc. 260,747, Aug. 27, 1929. Republished Mar. 2.

CLASS 47

Wine. Austin, Nichols & Co., Incorporated. 437,066, Mar. 2.
Wine. Roma Wine Company. 436,874, Mar. 2; Serial No. 499,285, published Nov. 18, 1947.
Wines. C. Mondavi & Sons. 436,906, Mar. 2; Serial No. 508,064, published Nov. 18, 1947.
Wines. Schenley Import Corporation. 436,972, Mar. 2; Serial No. 517,872, published Nov. 18, 1947.
Wines, Muscatel, sherry, and port. Hammer Company. 437,072, Mar. 2.

CLASS 48

Beer. Chas. Schaefer Corporation. 436,989, Mar. 2; Serial No. 519,448, published Nov. 18, 1947.

CLASS 49

Brandy. Cameo Vineyards Co. 436,983, Mar. 2; Serial No. 519,046, published Nov. 11, 1947.
Gin. Tanqueray Gordon & Co. Limited. 64,866, re-renewed Aug. 27, 1947. O. G. Mar. 2.
Whisky. John Dewar & Sons, Limited. 66,490, re-renewed Dec. 3, 1947. O. G. Mar. 2.

CLASS 50

Caps, Closure. Closure Service Company. 309,885, Feb. 6, 1934. Republished Mar. 2.
Caps or closures. Owens-Illinois Glass Company. 393,120, Jan. 27, 1942. Republished Mar. 2.
Closures for bottles, jars, and other containers. Owens-Illinois Glass Company. 398,795, Nov. 24, 1942. Republished Mar. 2.
Closures for bottles, jars, jugs, etc. Owens-Illinois Glass Company. 409,695, Oct. 17, 1944. Republished Mar. 2.
Design of a novelty or souvenir, New and ornamental. G. Ruediger. 436,965, Mar. 2; Serial No. 517,004, published Dec. 9, 1947.
Felt. Felters Company. 436,986, Mar. 2; Serial No. 519,323, published Oct. 28, 1947.
Hangers, Clothes. F. Herwitz. 436,992, Mar. 2; Serial No. 520,031, published Nov. 4, 1947.
Hangers, Garment. A. Levenson. 437,001, Mar. 2; Serial No. 520,460, published Nov. 11, 1947.
Leather, Artificial. Respro Inc. 280,658, Feb. 24, 1931. Republished Mar. 2.
Leather, Manufactured imitation. Pantasote Leather Co. 57,945, Dec. 4, 1906. Corrected. O. G. Mar. 2.
Lithographing printing plates. Graphic Arts Corporation of Ohio. 437,013, Mar. 2; Serial No. 521,388, published Nov. 18, 1947.
Materials handling equipment. Union Metal Manufacturing Company. 436,900, Mar. 2; Serial No. 506,707, published Nov. 18, 1947.
Mats and runners. L. E. Warford. 436,887–8, Mar. 2; Serial Nos. 504,723–4, published Nov. 11, 1947.
Plaques of wood for display. E. H. Chamberlain. 436,921, Mar. 2; Serial No. 511,980, published Dec. 2, 1947.
Plastic letters for signs, Nonelectrical. New England Advertising Inc. 436,879–80, Mar. 2; Serial Nos. 502,074–5, published Dec. 2, 1947.
Poultry equipment. H. D. Hudson Manufacturing Company. 437,071, Mar. 2.
Press plates, Offset. Offset Fine Arts, Inc. 437,011, Mar. 2; Serial No. 521,272, published Nov. 4, 1947.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 2D DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Esselen, Gustavus J., Swampscott, Mass. Food product. Re. 22,978, Mar. 2.
Lambert, Walter E., Maryville, assignor to McMurray Structural Steel Company, Inc., Nashville, Tenn. Conveying rig. Re. 22,979, Mar. 2.
McMurray Structural Steel Company, Inc., assignee: *See*— Lambert, Walter E.

LIST OF PLANT PATENTEES

Schmidt, Paul J., Youngstown, assignor to The Wayside Gardens Company, Mentor, Ohio. Buddleia plant. 786, Mar. 2.
Wayside Gardens Company, The, assignee: *See*— Schmidt, Paul J.

LIST OF DESIGN PATENTEES

Anderson, Robert I., Grand Haven, and B. Hoeker, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Score table. 148,838, Mar. 2.
Anderson, Robert I., Grand Haven, and B. Hoeker, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Masking unit for bowling alley pin setters or the like. 148,839, Mar. 2.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 148,840, Mar. 2.
Barnett, Milton A.: *See*— Fisher, Harvey M., and Barnett.
Benevolent and Protective Order of Elks, United States of America, assignee: *See*— Malley, John F., and Ribera.
Berwyn Lamp & Shade Manufacturing Co., assignee: *See*— Tatar, Frank.
Brown, Russell A., assignee: *See*— Lown, John C.
Brunswick-Balke-Collender Company, The, assignee: *See*— Anderson, Robert I., and Hoeker.
Bush, Leon D., Chicago, Ill. Cake ornament. 148,841, Mar. 2.
Castleton China, Incorporated, assignee: *See*— Zeisel, Eva S.
Coro, Inc., assignee: *See*— Katz, Adolph.
Cresale Incorporated, assignee: *See*— Kelley, Miles J.
Cushman, Gordon S., assignor to Cushman's Sons, Inc., New York, N. Y. Showcase. 148,842, Mar. 2.
Cushman's Sons, Inc., assignee: *See*— Cushman, Gordon S.
Doux, Alfredo W., assignor to Snap-Lite Corporation, New York, N. Y. Lighter. 148,843, Mar. 2.
Doux, Alfredo W., assignor to Snap-Lite Corporation, New York, N. Y. Lighter. 148,844, Mar. 2.
Finkelstein, Nathan, New York, N. Y. Jacket. 148,845, Mar. 2.
Finkelstein, Nathan, New York, N. Y. Jacket. 148,846, Mar. 2.
Fisher, Harvey M., and M. A. Barnett, St. Louis, Mo. Game board. 148,847, Mar. 2.
Gezari, Zvi, New York, N. Y. Scooter. 148,848, Mar. 2.
Glass, Beatrice, New York, N. Y. Brooch or similar article. 148,849, Mar. 2.
Glass, Beatrice, New York, N. Y. Brooch or similar article. 148,850, Mar. 2.
Glass, Beatrice, New York, N. Y. Brooch or similar article. 148,851, Mar. 2.
Glass, Beatrice, New York, N. Y. Brooch or similar article. 148,852, Mar. 2.
Glass, Beatrice, New York, N. Y. Brooch or similar article. 148,853, Mar. 2.
Glass, Beatrice, New York, N. Y. Brooch or similar article. 148,854, Mar. 2.
Glass, Beatrice, New York, N. Y. Brooch or similar article. 148,855, Mar. 2.
Grand Products, Inc., assignee: *See*— Yaeger, Henry C.
Gruber, Eli H., Malvern, Pa. Xylophone. 148,856, Mar. 2.
Hoeker, Bert: *See*— Anderson, Robert I., and Hoeker.
Hurlbut, Gordon K.: *See*— Ward, Vincent S., and Hurlbut.
Hurwitz, Bernard, New York, N. Y. Dress. 148,857, Mar. 2.
Irwin, Neel S., Weaverville, N. C. Sectional display table. 148,858, Mar. 2.
Irwin, Neel S., Weaverville, N. C. Sectional display stand. 148,859, Mar. 2.
Jones, Thomas H., Washington, D. C., assignor to the United States of America, as represented by the Secretary of War. Medallion or similar article. 148,860, Mar. 2.
Jones, Thomas H., Washington, D. C., assignor to the United States of America, as represented by the Secretary of War. Medal or similar article. 148,861, Mar. 2.
Kasin, Vincent A., Hollywood, Calif. Salt shaker. 148,862, Mar. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 148,863, Mar. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 148,864, Mar. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or similar article. 148,865, Mar. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 148,866, Mar. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or similar article. 148,867, Mar. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 148,868, Mar. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 148,869, Mar. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 148,870, Mar. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 148,871, Mar. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 148,872, Mar. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 148,873, Mar. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 148,874, Mar. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 148,875, Mar. 2.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 148,876, Mar. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 148,877, Mar. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 148,878, Mar. 2.
Kelly, Miles J., assignor to Cresale Incorporated, Waterbury, Conn. Oval pocket flashlight. 148,879, Mar. 2.
Lewis, Benjamin, New York, N. Y., assignor to L. G. Rothschild, Dallas, Tex. Bottle. 148,880, Mar. 2.
Lown, John C., assignor, by mesne assignments, to R. A. Brown, Toronto, Ontario, Canada. Shrine. 148,881, Mar. 2.
Malley, John F., Boston, Mass., and L. Ribera, New York, N. Y., assignors to Benevolent and Protective Order of Elks, United States of America, Chicago, Ill. Medal or similar article of manufacture. 148,882, Mar. 2.
Marvel Jewelry Mfg. Company, assignee: *See*—
Rice, Franklin S.
McGraw Electric Company, assignee: *See*—
Reinecke, Jean O.
Meyercord Co., The, assignee: *See*—
Westrate, Ada.
Panzer, William C., Chicago, Ill. Serving tray for glasses or the like. 148,883, Mar. 2.
Pellegrin, Elmer D., Woodstock, Ill. Cooking range. 148,884, Mar. 2.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 148,885, Mar. 2.
Post, Jordan A., Detroit, Mich. Lamp base. 148,886, Mar. 2.
Reinecke, Jean O., Oak Park, assignor to McGraw Electric Company, Elgin, Ill. Electric iron. 148,887, Mar. 2.
Ribera, Lucien: *See*—
Malley, John F., and Ribera.
Rice, Franklin S., Cranston, assignor to Marvel Jewelry Mfg. Company, Providence, R. I. Expansible bracelet. 148,888, Mar. 2.
Rothschild, Lionel G., assignee: *See*—
Lewis, Benjamin.
Sebel, Harry, London, England. Merry-go-round. 148,889, Mar. 2.
Snap-Lite Corporation, assignee: *See*—
Doux, Alfredo W.
Strassner, John F., New York, N. Y. Dress. 148,890, Mar. 2.
Suman, Alwin L., Sierra Madre, Calif. Dish. 148,891, Mar. 2.
Swimmer, Morris, Pittsburgh, Pa. Hose nozzle. 148,892, Mar. 2.
Tatar, Frank, assignor to Berwyn Lamp & Shade Manufacturing Co., Cincinnati, Ohio. Pedestal. 148,893, Mar. 2.
Trenholm, Portia L., Montgomery, Ala. Earring rack. 148,894, Mar. 2.
Trenholm, Portia L., Montgomery, Ala. Earring rack. 148,895, Mar. 2.
Trifari, Krussman & Fishel, Inc., assignee: *See*—
Philippe, Alfred.
Turk, Solomon, Brooklyn, N. Y. Electric plug. 148,896, Mar. 2.
Uncas Manufacturing Company, assignee: *See*—
Barbieri, Nicholas.
War, the United States of America, as represented by the Secretary of, assignee: *See*—
Jones, Thomas H.
Ward, Vincent S., and G. K. Hurlbut, assignors to B. M. C. Manufacturing Corp., Binghamton, N. Y. Electrical connection plug. 148,897, Mar. 2.
Westrate, Ada, assignor to The Meyercord Co., Chicago, Ill. Wallpaper border or similar article. 148,898, Mar. 2.
Yaeger, Henry C., Ridgewood, N. J., assignor to Grand Products, Inc., New York, N. Y. Portable atomizer. 148,899, Mar. 2.
Zeisel, Eva S., assignor to Castleton China, Incorporated, New York, N. Y. Teapot or the like. 148,900, Mar. 2.
Zeisel, Eva S., assignor to Castleton China, Incorporated, New York, N. Y. Coffeepot or the like. 148,901, Mar. 2.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 2D DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abeel, James M., Sebastopol, Calif. Gopher trap. 2,436,985, Mar. 2.
Adams, Alva, Connersville, Ind. Combination oil pan and internal engine cleaner. 2,437,013, Mar. 2.
Agriculture, United States of America, as represented by the Secretary of the, assignee: *See*—
Gertler, Samuel I., and Haller.
Aircraft Tools, assignee: *See*—
Glanz, Joseph J.
Aktiebolaget Imo-Industri, assignee: *See*—
Montelius, Carl O. J.
Aktiengesellschaft Brown, Boveri & Cie, assignee: *See*—
Weier, Heinrich.
Alexander, Lloyd, assignee, et al.: *See*—
Hensley, Urban N.
Allen, Edward J., assignor to The Leece-Neville Company, Cleveland, Ohio, Electrical connector. 2,437,180, Mar. 2.
Allen, Frank B.: *See*—
Cahusac, Clarence N., and Allen.
Allis-Chalmers Manufacturing Company, assignee: *See*—
Bonham, Albert W., Jr.
American Can Company, assignee: *See*—
Nordquist, Ronald E. J.
Nordquist, Ronald E. J., and Cox.
American Optical Company, assignee: *See*—
Reardon, Joseph D., and Guellich.
American Smelting and Refining Company, assignee: *See*—
Lebedeff, Yurii E.
American Steel Foundries, assignee: *See*—
Bachman, Fred E.
Ames, Robert G., assignor of one-half to G. W. Williams, and one-fourth to S. Ames, Burlingame, Calif. Pressure plastic applicator. 2,436,783, Mar. 2.
Ames, Stanley, assignee, et al.: *See*—
Ames, Robert G.
Anderson, Alf. E., Milton, Mass. Swivel electrical connector with floatable means. 2,436,949, Mar. 2.
Anderson, Andrew T.: *See*—
Regad, Eugene D., and Anderson.
Andresen, John H., Jr., Port Washington, N. Y., assignor to Square D Company, Detroit, Mich. Two-phase motor control. 2,437,064, Mar. 2.
Arbee Products Company, assignee: *See*—
Smith, Travis O.
Arenco Aktiebolag, assignee: *See*—
Danielsson, Paul.
Örström, Gustaf.
Armour and Company, assignee: *See*—
Harrington, Bertie S.
Arnesen, Walter A., and B. Hertweck, Flushing, and S. W. Doty, Baldwin, assignors to National Electric Instrument Company, Inc., Elmhurst, Long Island, N. Y. Dental and surgical hammer. 2,437,014, Mar. 2.
Ashbaugh, Bernard D., Mount Gilead, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Valve arrangement for halting reversible rams to prevent over-stroking thereof. 2,436,986, Mar. 2.
Ashdown, Robert F.: *See*—
Ballerino, Richard E., and Ashdown.
Ateliers Neyret-Beylier & Piccard-Pictet (Societe Anonyme), assignee: *See*—
Danel, Pierre F.
Atlas Powder Company, assignee: *See*—
Cohan, Alvin M.
Attorney General of the United States: *See*—
Bergier, Jacques, Eskenazi, and Helbronner.
Bricout, Pierre.
Austin, Seneca B., Balboa, C. Z. Breathing shoe. 2,437,065, Mar. 2.
Automatic Electric Laboratories, Inc., assignee: *See*—
Giannini, Gabriel M.
Ostline, John E.
Automatic Products Company, assignee: *See*—
McCarty, Lourdes V.
Bach, Henry M., Woodmere, assignor to Premier Crystal Laboratories, Incorporated, New York, N. Y. Method and means for mounting piezo crystal plates. 2,437,218, Mar. 2.
Bachman, Fred E., assignor to American Steel Foundries, Chicago, Ill. Shock strut. 2,437,219, Mar. 2.
Bailleaux, Paul A., Glendale, Calif. Exercising apparatus. 2,436,987, Mar. 2.
Baker, Erwin G., Indianapolis, Ind. Rotary valve mounting. 2,437,181, Mar. 2.
Bakst, Myron: *See*—
Warner, Arthur J., and Bakst.
Ballerino, Richard E., Los Angeles, and R. F. Ashdown, Montebello, assignors to Farmer Bros. Coffee Co., Los Angeles, Calif. Coffee brewing apparatus. 2,436,784, Mar. 2.
Baltz, William, Pocahontas, Ark. Suspended horse. 2,437,015, Mar. 2.
Barbati, Guido J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lockstitch sewing machine. 2,436,782, Mar. 2.
Barney, Arthur L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of fluorine hydrocarbon compounds. 2,437,148, Mar. 2.
Barr, Frank T.: *See*—
Scharmann, Walter G., and Barr.
Barr, James A., Evanston, Ill., and W. A. Smith, Carlsbad, N. Mex., assignors to International Minerals & Chemical Corporation. Potassium sulphate manufacture. 2,437,182, Mar. 2.
Baxter, Howard F., Grand Rapids, Mich. Compartmented laundry bag provided with identifying legends. 2,437,149, Mar. 2.
Beach, Ralph M.: *See*—
Robinson, Edwin A., and Beach.
Bear Brand Hosiery Co., assignee: *See*—
Shea, Frederick M.
Beck, Roland A.: *See*—
Sensel, Eugene E., and Beck.
Belfils, Georges, Belfort, France, assignor to General Electric Company. Electric control circuit. 2,437,066, Mar. 2.
Bell, Charles S., Oakley, near Aylesbury, England. Towed aircraft and towing the same. 2,436,988, Mar. 2.
Bell Telephone Laboratories, Incorporated, assignee: *See*—
Joel, Amos E., Jr.
Potter, Ralph K.
Ring, Douglas H.
Sharpless, William M.
Bell and Wallace Manufacturing Corporation, assignee: *See*—
Wallace, Walter E.
Bemis Bro. Bag Company, assignee: *See*—
Brady, Charles V., and Ottinger.
Bendix Aviation Corporation, assignee: *See*—
Cox, Parker G., and Hansen.
Noxon, Paul A.
Benjamin, Milton L., Shaker Heights, and F. E. Winnen, Cleveland, Ohio; said Winnen assignor to said Benjamin. Chuck. 2,436,848, Mar. 2.
Berg, Isadore A., Cincinnati, Ohio. Compressed cereal. 2,437,150, Mar. 2.
Berg, Otto G., Spokane, Wash. Blower. 2,437,183, Mar. 2.
Bergier, Jacques, A. Eskenazi, and A. Helbronner, Lyon, France; vested in the Attorney General of the United States. Automatic measurement of length by means of electrical impulses. 2,436,785, Mar. 2.
Biederman, Joseph B., Cincinnati, Ohio. Inhaler. 2,436,877, Mar. 2.
Biederman, Joseph B., Cincinnati, Ohio. Inhaler. 2,436,878, Mar. 2.
Billetter, Halton A., Youngstown, Ohio. Downward stroke air evacuating jar sealing apparatus. 2,436,849, Mar. 2.
Bingley, Frank J., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Adjusting means for transmission lines. 2,437,067, Mar. 2.
Birdwell, Benjamin F., assignor to Porcelain Metals Corporation, Louisville, Ky. Drain connector for shower bath receptors. 2,437,068, Mar. 2.
Bjorksten, Johan: *See*—
Fiedler, Stuart O., and Bjorksten.
Bjorksten Research Laboratories, Inc., assignee: *See*—
Fiedler, Stuart O., and Bjorksten.
Black Rock Manufacturing Company, The, assignee: *See*—
Maquat, Lloyd E.
Blair, James W.: *See*—
Steinhoff, Gordon R., and Blair.
Boeing Airplane Company, assignee: *See*—
Steinhoff, Gordon R., and Blair.
Bonham, Albert W., Jr., Salt Lake City, Utah, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Drive control mechanism for motor vehicles and detent device therefor. 2,436,912, Mar. 2.
Bonwitt, Wilhelm F., Mount Vernon, N. Y., assignor to Brundy Engineering Company, Inc. Aluminum connection parts treated with concentrated nitric acid. 2,437,220, Mar. 2.
Borg-Warner Corporation, assignee: *See*—
Nutt, Harold.
Revick, John D.
Zeidler, Reinhold C.
Bourland, Eli, Millbrae Highlands, assignor to Pacific Can Company, San Francisco, Calif. Continuous cooker-cooler drive. 2,436,913, Mar. 2.

Bowen, Edward L., McComb City, Miss. Air brake slack adjuster. 2,436,850, Mar. 2.

Boyar, Harry, Oak Park, assignor to Boyar-Schultz Corporation, Chicago, Ill. Knurling tool. 2,436,950, Mar. 2.

Boyar-Schultz Corporation, assignee: *See*—
Boyar, Harry.
Ross, Albert R.

Bracke, Oscar J. J., Antwerp, Belgium, assignor to International Standard Electric Corporation, New York, N. Y. Selector switch mounting for telecommunication systems. 2,436,786, Mar. 2.

Bradbury, Frederick G., assignee: *See*—
Frick, Albion N.

Brady, Charles V., and A. F. Ottinger, assignors to Bemis Bro. Bag Company, St. Louis, Mo. Labeled fabric bag and the like. 2,437,184, Mar. 2.

Brady, Charles V., and A. F. Ottinger, assignors to Bemis Bro. Bag Company, St. Louis, Mo. Making labeled bags and the like. 2,437,185, Mar. 2.

Braner, Henry J., assignor to The National Cash Register Company, Dayton, Ohio. Electric soldering apparatus. 2,437,151, Mar. 2.

Bray, Frederick H., assignor to Standard Telephones and Cables Limited, London, England. Arrangement for producing electric impulses. 2,436,787, Mar. 2.

Breisch, Edgar W., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Detachable electrical connector. 2,436,914, Mar. 2.

Bricout, Pierre, Senlis (Oise), France; vested in the Attorney General of the United States. Method and apparatus for curve distortion of alternating currents. 2,436,788, Mar. 2.

Bridges, John H., Paterson, N. J., assignor, by mesne assignments, to National Inventions Corporation. Luminescent tube system and apparatus. 2,436,951, Mar. 1.

Brown Instrument Company, The, assignee: *See*—
Moore, Coleman B.

Brownsey, Oscar, assignor to U. S. Slicing Machine Company, La Porte, Ind. Cleaning tool for food tendering machines. 2,437,069, Mar. 2.

Brundy Engineering Company, Inc., assignee: *See*—
Bonwitt, Wilhelm F.

Bryant, Leslie E., assignor to Nye-Wait Company, Inc., Auburn, N. Y. Portable loom creel and adjusting means therefor. 2,437,070, Mar. 2.

Buck, Leo F., Camden, N. J. Repair patch for garment pockets. 2,436,879, Mar. 2.

Buckbee-Mears Company, assignee: *See*—
Mears, Norman B.
Mears, Norman B., and Hofsapple.

Burgett, Lynn S., Euclid, assignor to The Clark Controller Company, Cleveland, Ohio. Electromagnetic brake mechanisms 2,436,880, Mar. 2.

Burleigh, Arthur C., Wellesley, Mass. Sanding or rubbing machine. 2,437,152, Mar. 2.

Businger, Albert, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Bicyclic sulfur compounds and manufacture thereof. 2,436,851, Mar. 2.

Cahusac, Clarence N., Newark, and F. B. Allen, Verona, assignors to C-O-Two Fire Equipment Co., Newark, N. J. Multiple smoke detector. 2,437,071, Mar. 2.

Camloc Fastener Corporation, assignee: *See*—
Eisele, Karl.

Campbell, Norman H., Toronto, Ontario, Canada. Bag and bag handle construction. 2,437,072, Mar. 2.

Carlson, George, Bridgeport, Conn., assignor to General Electric Company. Electric cable clamp and box. 2,437,073, Mar. 2.

Carmichael, Robert, Lakewood, and A. W. Seidler, Cleveland, Ohio, assignors to National Carbon Company, Inc. Staked type shunt connection for carbon brushes. 2,436,852, Mar. 2.

Carnegie-Illinois Steel Corporation, assignee: *See*—
Collins, Tappan.

Case, Rogers, Orange, N. J. Wire-transposing device. 2,436,789, Mar. 2.

Cavanagh, John F.: *See*—
Kenney, George M., and Cavanagh.

Chapin, Harold E., Los Angeles, Calif. Bookmark. 2,437,074, Mar. 2.

Christensen, Harry E., San Francisco, Calif. Therapeutic apparatus. 2,437,016, Mar. 2.

Clark Controller Company, The, assignee: *See*—
Burgett, Lynn S.

Clark, Douglas C.: *See*—
Deschamps, Desire J., Clarke, and Ferguson.

Clayton, Benjamin, assignor, by mesne assignments, to B. Clayton, Houston, Tex., doing business as Refining Unincorporated. Glyceride oil refining with foots softening agent. 2,437,075, Mar. 2.

Clemens, Jerome H., Chicago, Ill. Crutch. 2,437,076, Mar. 2.

Cleveland Punch & Shear Works Company, The, assignee: *See*—
Longfield, William F.

Coffing, Frederick, Danville, Ill. Bedpan system. 2,436,915, Mar. 2.

Cohan, Alvin M., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Electric fuse lighter. 2,437,153, Mar. 2.

Cole, Lyndon C., Cleveland, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Hydraulic circuit for halting reciprocable rams. 2,437,077, Mar. 2.

Coleman, Edwin D., Maywood, Ill. Respiration apparatus. 2,436,853, Mar. 2.

Collins, Tappan, Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Grating and making the same. 2,437,186, Mar. 2.

Conkey, Edward L., Seneca Falls, N. Y. Machine tool attachment. 2,436,952, Mar. 2.

Consolidated Vultee Aircraft Corporation, assignee: *See*—
Salisbury, Robert H., and Oehser.

Continental Carbon Company, assignee: *See*—
Ivester, Cecil B.

Conyne, Richard F.: *See*—
Rothrock, David A., Jr., and Conyne.

Cooper, Benjamin, Jersey City, N. J. Adding machine. 2,436,790, Mar. 2.

Copeland, Frank B., assignor to The Joyce-Cridland Company, Dayton, Ohio. Adjustable fulcrum for lever mechanisms. 2,436,916, Mar. 2.

Corey, James J., Jackson Heights, N. Y. Compressor. 2,436,854, Mar. 2.

Cornell-Dubilier Electric Corporation, assignee: *See*—
Dubilier, William.

Corning Glass Works, assignee: *See*—
McGregor, Rob R., and Warrick.

Corn Products Refining Company, assignee: *See*—
Leuck, Gerald J.

C-O-Two Fire Equipment Co., assignee: *See*—
Cahusac, Clarence N., and Allen.

Cox, Herbert F., Jr.: *See*—
Nordquist, Ronald E. J., and Cox.

Cox, Parker G., and H. A. Hansen, Detroit, Mich., assignors to Bendix Aviation Corporation, South Bend, Ind. Sediment trap for filter provided with magnetic means. 2,437,221, Mar. 2.

Crane, Charles A., Chicago, Ill. Lifting jack. 2,437,078, Mar. 2.

Cray, Frank W., assignor to Interchemical Corporation, New York, N. Y. Typographic ink. 2,436,791, Mar. 2.

Cronin, Helen, Cincinnati, Ohio. Shoe cleaning guard. 2,436,953, Mar. 2.

Crowley, John A., Jr., New York, and O. G. Hayes, Manhasset, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Hydrocarbon conversion process. 2,437,222, Mar. 2.

Culbert, Fred J., Norfolk, Va. Internal-combustion engine. 2,436,855, Mar. 2.

Cunningham, Robert E., Jackson, Miss. Air or water attachment for dental engines. 2,437,017, Mar. 2.

Curtiss, Frank R., New Haven, Conn. Container. 2,437,079, Mar. 2.

Dahlander, Noël L., New Milford, Pa., assignor of one-half to R. J. Earl, Deerfield Beach, Fla. Cargo hook. 2,436,792, Mar. 2.

Dale, George T., Sea Cliff, N. Y. Adjustable hose drier. 2,436,856, Mar. 2.

Dana Corporation, assignee: *See*—
Miller, Kay.

Daniel, Pierre F., assignor to Ateliers Neyret-Beylier & Piccard-Pictet (Societe Anonyme), Grenoble, France. Sea wave power installation. 2,436,793, Mar. 2.

Daniel, Frederick K., Kew Gardens, assignor, by mesne assignments, to Sun Chemical Corporation, New York, N. Y. Fractionation of lacteal liquids. 2,437,080, Mar. 2.

Daniels, Oscar C., Sr., Oriental, N. C. Tonsillectome. 2,436,989, Mar. 2.

Danielsson, Paul, Stora Essingen, assignor to Arenco Aktiebolag, Stockholm, Sweden. Fish dressing machine. 2,437,081, Mar. 2.

Darling, Louis H., Vallejo, Calif., assignor to Fol-Gaf Limited. Cargo hook. 2,436,990, Mar. 2.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber for railway draft riggings. 2,436,917, Mar. 2.

Davis, Herbert L., Highland Park, N. J., and L. R. B. Hervey, West Concord, Mass., assignors to Johnson & Johnson. Wash resistant filter media. 2,437,082, Mar. 2.

Dawson, John W., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Method and apparatus for charging an electrical condenser. 2,436,794, Mar. 2.

Deere Manufacturing Co., assignee: *See*—
Petersen, Harry E.

De Forest, Taber, assignor to Magnaflux Corporation, Chicago, Ill. Magnetic inspection apparatus. 2,436,918, Mar. 2.

Dennis, Raymond B., Camp Blanding, Fla. Material conveying and screening machine. 2,436,795, Mar. 2.

Denton, Richard A., Riverton, N. J., assignor to Sun Chemical Corporation, New York, N. Y. Printing ink. 2,436,954, Mar. 2.

Denyven, Howard G.: *See*—
Hess, Arthur L., and Denyven.

De Rosa, Louis A., West Brighton, Staten Island, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Keyed radio beacon. 2,436,796, Mar. 2.

Deschamps, Desire J., Rutherford, and D. C. Clarke, Mountain Lakes, N. J., and F. E. Ferguson, Bronxville, assignors to Deschamps Fuel Injection Corporation, New York, N. Y. Fuel injection pump. 2,436,797, Mar. 2.

Deschamps Fuel Injection Corporation, assignee: *See*—
Deschamps, Desire J., Clarke, and Ferguson.

Deutsch, Harold F.: *See*—
Williams, John W., and Deutsch.

Dirksen, Ole A., Spencer, Iowa. Combination bicycle seat and luggage carrier. 2,436,991, Mar. 2.

Dishal, Milton: *See*—
Richardson, Avery G., Dishal, and Le Grand.

Ditto, Incorporated, assignee: *See*—
Hess, Arthur L., and Denyven.

Dodge, Wesley, Oakland, Calif., assignor to Paterson Parchment Paper Company, Bristol, Pa. Bag handling machinery. 2,436,955, Mar. 2.

Dodson, Jesse L., Kingston, assignor of one-half to H. Hoder, Scranton, Pa. Electrical indicating apparatus and circuit closer therefor. 2,437,018, Mar. 2.

Dohanian, Luke M., Somerville, Mass. Vertically pivoted automobile side-window laminated mirror. 2,437,154, Mar. 2.

Donahue, Joseph, Shamokin, Pa. Drill chuck. 2,436,881, Mar. 2.

Dons, Eddie M., Tulsa, and J. V. Stevens, Oakhurst, Okla. Pipe coupling. 2,437,083, Mar. 2.

Doty, Spencer W.: *See*—
Arnesen, Walter A., Hertweck, and Doty.

Downes, John M.: *See*—
Prevost, Gerard T., and Downes.

Dubilier, William, New Rochelle, N. Y., assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Container and terminal for electrical devices. 2,436,857, Mar. 2.

Du Mont, Allen B., Laboratories, Inc., assignee: *See*—
Rutherford, Robert E.

Dunkley, Melville E., Modesto, Calif. Treatment of green peas. 2,437,155, Mar. 2.

Dunlop, James, Ridgewood, N. J., assignor, by mesne assignments, to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gear mechanism. 2,436,798, Mar. 2.

Du Pont, E. I., de Nemours & Company, assignee: *See*—
Barney, Arthur L.
Jacobson, Ralph A.
Kramer, Edward N.
Signaigo, Frank K.

Du Pras, Louis, Marquette, Mich. Snowplow. 2,436,956, Mar. 2.

Dutrow, Claude H., Frederick, Md. Sportsman's coat. 2,437,223, Mar. 2.

Earl, Robert J., assignee: *See*—
Dahlander, Noël L.

Eastman, Du Bois, Scarsdale, assignor to The Texas Company, New York, N. Y. Catalytic synthesis of hydrocarbons with controlled recycle of carbon dioxide. 2,436,957, Mar. 2.

Eastman Kodak Company, assignee: *See*—
Von Bramer, Harold, and Ruggles.

Edelhart, Edward S., Lima, assignor of one-half to H. R. Meredith, Allen County, Ohio. Double reversible film developing hanger. 2,436,882, Mar. 2.

Edwards, George, & Sons, Limited, assignee: *See*—
Hunt, Arthur L.

Eich, Sebastian, Chicago, Ill. Colostomy receptacle. 2,437,019, Mar. 2.

Eisele, Karl, Belleville, N. J., assignor to Camloc Fastener Corporation, New York, N. Y. Nut-assembling machine. 2,436,858, Mar. 2.

Eisenberg, Irwin W., Alhambra, Calif. Switch. 2,436,958, Mar. 2.

Ekin, Hursel L., Galion, and J. O. Young, Rocky River, assignors to The Galion Metallic Vault Company, Galion, Ohio. Vehicle transporting means. 2,436,959, Mar. 2.

Electric Storage Battery Company, The, assignee: *See*—
Woodbridge, Joseph L.

Ellis Drier Co., The, assignee: *See*—
Ellis, Hubert C.

Ellis, Hubert C., Evanston, assignor to The Ellis Drier Co., Chicago, Ill. Washing machine with pivotally supported outer and inner shells and power means on the outer shell for rotating the inner shell. 2,436,883, Mar. 2.

Emerson, Elizabeth K., executrix: *See*—
Emerson, Walter H.

Emerson, Walter H., deceased, East Liverpool, Ohio: E. K. Emerson, executrix, assignor to The Homer Laughlin China Company, Newell, W. Va. Decorating apparatus. 2,437,224, Mar. 2.

Enochs, John R.: *See*—
Welch, Alfred F., and Enochs.

Eras, Vincent J. M., assignor to Lips' Brandkasten-en Slotenfabrieken N. V., Dordrecht, Netherlands. Combination lock with rotating tumbler discs. 2,436,859, Mar. 2.

Ernst, Walter: *See*—
Geiger, George M., and Ernst.
Greene, Arthur M., Jr., and Ernst.
MacMillin, Howard F., Ernst, and Waldie.

Ernst, Walter, Mount Gilead, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Solenoid with plunger. 2,436,992, Mar. 2.

Esecson, Simon, Malden, Mass. Pleat holding or clamping device. 2,437,084, Mar. 2.

Eshbaugh, Jesse E., Flint, assignor to General Motors Corporation, Detroit, Mich. Valve for aircraft cooling systems. 2,437,187, Mar. 2.

Eskenazi, Alfred: *See*—
Bergier, Jacques, Eskenazi, and Heilbronner.

Evans, John, Kingston, N. J., assignor to Radio Corporation of America. Heat detection device. 2,437,085, Mar. 2.

Evans, Theodore W.: *See*—
Morris, Rupert C., and Evans.

Fairey Aviation Company Limited, The, assignee: *See*—
Forsyth, Archibald G.

Farmer Bros. Coffee Co., assignee: *See*—
Ballerino, Richard E., and Ashdown.

Fassnacht, Paul H., West Nyack, assignor to Precision Shapes, Inc., New York, N. Y. Apparatus for milling. 2,436,960, Mar. 2.

Fast, Johann D., Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Coated welding rod. 2,436,884, Mar. 2.

Federal Telephone and Radio Corporation, assignee: *See*—
De Rosa, Louis A.
Hoffman, Ross B.
Neidorf, Samuel W.
Pickles, Sidney B.
Richardson, Avery G., Dishal, and Le Grand.
Soreny, Ernest V.
Warner, Arthur J.
Warner, Arthur J., and Bakst.
Watts, Chester B., Jr., and Himmel.

Ferguson, Frank E.: *See*—
Deschamps, Desire J., Clarke, and Ferguson.

Fiedler, Stuart O., and J. Bjorksten; said Fiedler assignor to Bjorksten Research Laboratories, Inc., Chicago, Ill. Electric current interrupter. 2,437,225, Mar. 2.

Field, Lester M.: *See*—
Spangenberg, Karl, Field, and Helm.

Fischer Casting Company, assignee: *See*—
Fischer, Louis.

Fischer, Louis, assignor to Fischer Casting Company, Plainfield, N. J. Smoker's stand. 2,437,226, Mar. 2.

Fisher, Irving, New Haven, Conn. Global map. 2,436,860, Mar. 2.

Fisher, John R., Jr., Dayton, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Apparatus for injection molding. 2,436,993, Mar. 2.

Fol-Gaf Limited, assignee: *See*—
Darling, Louis H.

Food Machinery Corporation, assignee: *See*—
Kerr, Charles E.

Foote Bros. Gear and Machine Corporation, assignee: *See*—
Mackmann, Arthur.

Forberg, David A.: *See*—
Wheeler, Harold E., and Forberg.

Ford, Charles J., New York, N. Y. Trap. 2,437,020, Mar. 2.

Forsyth, Archibald G., Cheam, assignor to The Fairey Aviation Company Limited, Hayes, Middlesex, England. Self-contained variable pitch propeller. 2,437,188, Mar. 2.

Forsyth, Archibald G., Cheam, assignor to Fairey Aviation Company Limited, Hayes, Middlesex, England. Self-contained unit for variable pitch propellers. 2,437,189, Mar. 2.

Frank, Edward J., and C. S. Keller, Springfield, Pa., assignors to General Electric Company. Control for pressure operated switches. 2,437,086, Mar. 2.

Frick, Albion N., assignor to F. G. Bradbury, Los Angeles, Calif. Method and apparatus for cooling by evaporation. 2,437,156, Mar. 2.

Fries, Eduard, Zurich-Oerlikon, Switzerland. Transformer with regulatable leakage reactance. 2,437,021, Mar. 2.

Fritzinger, George H., West Orange, N. J., assignor of one-half to H. G. Kendall, Brooklyn, N. Y. Apparatus for using adhesive tape. 2,437,022, Mar. 2.

Fröhlich, Alfred: *See*—
Zeh, Walter, Schneider, and Frölich.

Frobner, Rudolph: *See*—
Fryzel, Louis V.

Frost, Lester P., U. S. Army, Fort Belvoir, Va. Outrigger type support. 2,436,799, Mar. 2.

Fryzel, Louis V., and R. Frobner, New York, N. Y. Adjustable stanchion. 2,436,800, Mar. 2.

Fuel Research Corporation, assignee: *See*—
Zwoyer, Ellsworth B. A.

Gabriel, Christopher K., Portland, Oreg. Retractable vehicle step. 2,436,961, Mar. 2.

Gale, Harold W., assignor to Hexagon Tool and Engineering Corporation, Dearborn, Mich. Manually controlled tracer. 2,437,190, Mar. 2.

Galion Metallic Vault Company, The, assignee: *See*—
Ekin, Hursel L., and Young.

Gasio, James, Los Angeles, Calif. Practical paper perforator. 2,436,801, Mar. 2.

Gates, Marshall D., Jr., Arlington, Va. Condensation products of quinones with active ethylene compounds. 2,437,087, Mar. 2.

Gaucher, Leon P., Mount Vernon, assignor to The Texas Company, New York, N. Y. Catalytic synthesis of hydrocarbons and the like from hydrogen and the oxides of carbon. 2,436,962, Mar. 2.

Geiger, George M., and W. Ernst, Mount Gilead, Ohio, assignors to H-P-M Development Corporation, Wilmington, Del. Pintle porting. 2,437,089, Mar. 2.

Gellman Manufacturing Company, assignee: *See*—
Petskeyes, Charles H.

General American Transportation Corporation, assignee: *See*—
Shanor, Edgar E.

General Aniline & Film Corporation, assignee: *See*—
Zeh, Walter, Schneider, and Frölich.

General Electric Company, assignee: *See*—
Belfils, Georges.
Carlson, George.
Frank, Edward J., and Keller.
Lum, Walter O.
Scott, William J., and Milner.
Sinks, Allen T.
Welch, Alfred F., and Enochs.
Zuvers, Howard E.

General Foods Corporation, assignee: *See*—
Muser, Harvey K., and Mitchell.

General Motors Corporation, assignee: *See*—
Eshbaugh, Jesse E.
Gould, Louis P., and Whiteside.
Rabezzana, Hector.
Rataiczak, Francis I.
Rossman, Edwin F.
Short, Brooks H.
Werner, Calvin J.

General Tire & Rubber Company, The, assignee: *See*—
Neher, Eldon P.

Gertler, Samuel I., and H. L. J. Haller, Washington, D. C., assignors to the United States of America as represented by the Secretary of Agriculture. Fly sprays comprising an N-alkylphthalimide and DDT. 2,436,919, Mar. 2.

Gertler, Samuel I., and H. L. J. Haller, Washington, D. C., assignors to United States of America, as represented by the Secretary of Agriculture. Fly sprays comprising an N, N-dialkyleinnamamide and DDT. 2,436,920, Mar. 2.

Giannini, Gabriel M., West Los Angeles, Calif., assignor, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Microphone assembly. 2,437,088, Mar. 2.

Gilbert, Lewis W., Seneca Falls, N. Y. Automatic starting switch. 2,437,023, Mar. 2.

Gill, Ray H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Upsetting tool for hollow rivets. 2,437,191, Mar. 2.

Gillespie, J. W., Henderson, Tex. Sucker rod guide. 2,436,994, Mar. 2.

Glanz, Joseph J., New Haven, assignor to Aircraft Tools, West Haven, Conn. Hinge. 2,437,192, Mar. 2.

Glassford, Donald C.: *See*—
Wilson, Jack P., Lewis, and Glassford.

Giessner, Jack M., Dayton, Ohio. System of modulation utilizing a cathode follower. 2,436,802, Mar. 2.

Gold, Ira, Chicago, Ill. Educational toy. 2,437,090, Mar. 2.

Goldsby, Arthur R., assignee, et al.: *See*—
Korpi, Karl, and Goldsby.

Goldsby, Arthur R., Beacon, and C. W. Watson, Eastchester, assignors to The Texas Company, New York, N. Y. Sulfuric acid fortification in isoparaffin alkylation. 2,437,091, Mar. 2.

Goldstine, Hallan E., and O. F. Voigt, Port Jefferson Station, N. Y., assignors to Radio Corporation of America. Dial lock. 2,436,921, Mar. 2.

Goodman Manufacturing Company, assignee: *See*—
Slomer, Joseph J.

Goodrich, B. F., Company, The, assignee: *See*—
Gill, Ray H.
Heston, Eugene E.

Gould, Louis P., and J. W. Whiteside, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Dielectric composition comprising polychloroprene, wax, age resistor and antioxidant. 2,436,885, Mar. 2.

Gowland, John P., Woking, England. Sound producing toy. 2,436,886, Mar. 2.

Grant, Robert Y., Jr., Townsend, Mass. Whistle. 2,437,024, Mar. 2.

Greene, Arthur M., Jr., Princeton, N. J., and W. Ernst, Mount Gilead, Ohio, assignors to H-P-M Development Corporation, Wilmington, Del. Metal-stretching press. 2,437,092, Mar. 2.

Gregoire, Horace W., Boston, assignor to O. W. Wikstrom, Newton, Mass. Machine for setting up box blanks. 2,437,157, Mar. 2.

Greisman, Hyman, assignor to Monroe Paper Box Co. Inc., New York, N. Y. Reel. 2,436,861, Mar. 2.

Greth, Douglas T.: *See*—
Riemenschneider, Edmund W., and Greth.

Grosdoff, Igor E., Princeton, N. J., assignor to Radio Corporation of America. Electronic counting chain with decimal indicators. 2,436,963, Mar. 2.

Grote, Henry W., Downers Grove, assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion process. 2,436,922, Mar. 2.

Guellich, Gustav E.: *See*—
Reardon, Joseph D., and Guellich.

H-P-M Development Corporation, assignee: *See*—
Asbbaugh, Bernard D.
Cole, Lyndon C.
Ernst, Walter.
Fisher, John R., Jr.
Geiger, George M., and Ernst.
Greene, Arthur M., Jr., and Ernst.
Lindsey, Robert J.
MacMillin, Howard F., Ernst, and Waldie.
Muller, Johan A., and Tucker.
Richardson, Lloyd D.
Shaw, Victor S.
Tucker, Warren R.
Waldie, George A.

Haensel, Vladimir, Clarendon Hills, assignor to Universal Oil Products Company, Chicago, Ill. Demethylation of hydrocarbons in presence of water. 2,436,923, Mar. 2.

Hall, Manville, Akron, Ohio. Cushioned shoe sole. 2,437,227, Mar. 2.

Haller, Herbert L. J.: *See*—
Gertler, Samuel I., and Haller.

Hamilton, James D., Winnipeg, Manitoba, Canada. Illuminating device. 2,436,995, Mar. 2.

Hamilton, Virgil A., assignee: *See*—
Tatro, Frank B.

Hammond Iron Works, assignee: *See*—
Plummer, Fred L.

Hanke, Adolph W., Weleetka, Okla. Paraffin dislodging tool. 2,437,193, Mar. 2.

Hansen, Einer F., Highland Park, Mich. Painter's accessory. 2,436,924, Mar. 2.

Hansen, Fred A.: *See*—
Haug, Eugene H., and Hansen.

Hansen, Hans A.: *See*—
Cox, Parker G., and Hansen.

Harrington, Bertie S., assignor to Armour and Company, Chicago, Ill. Consistometer. 2,437,194, Mar. 2.

Hartford National Bank & Trust Co., trustee, assignee: *See*—
Fast, Johann D.
Rubin, Leon.
Van Weenen, Franciscus L., and Stigter.

Hatten, Herman, Buffalo, N. Y. Machine for cutting holes in pipes and similar articles. 2,437,025, Mar. 2.

Haug, Eugene H., assignor to La Salle National Bank, Chicago, Ill., as trustee. Electric control system. 2,436,803, Mar. 2.

Haug, Eugene H., Chicago, and F. A. Hansen, River Forest, Ill. Electric regulating apparatus. 2,436,925, Mar. 2.

Hayes, Oswald G.: *See*—
Crowley, John A., Jr., and Hayes.

Heiney, John W., Allentown, Pa., assignor to Mack Manufacturing Corporation, New York, N. Y. Yieldable bogie spring mounting. 2,437,158, Mar. 2.

Heibronner, Andre: *See*—
Bergier, Jacques, Eskenazi, and Heibronner.

Helm, Robert: *See*—
Spangenberg, Karl, Field, and Helm.

Hensley, Marvin M., assignee, et al.: *See*—
Hensley, Urban N.

Hensley, Urban N., Reno, assignor of forty per cent to L. Alexander, Greenville, and eight per cent to M. M. Hensley, Reno, Ill. Electrical soldering device with attachment. 2,436,887, Mar. 2.

Herbert, Edward J., Scarsdale, N. Y. Combined sun shade and reflector for cameras. 2,437,159, Mar. 2.

Hertweck, Bernhard: *See*—
Arnesen, Walter A., Hertweck, and Doty.

Hervey, Laurence R. B.: *See*—
Davis, Herbert L., and Hervey.

Hess, Arthur L., Milford, and H. G. Denyven, Cincinnati, Ohio, assignors to Ditto, Incorporated, Chicago, Ill. Process for making unit strips. 2,436,888, Mar. 2.

Heston, Eugene E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Protective apparatus for preventing accumulation of ice on airfoils. 2,436,889, Mar. 2.

Hexagon Tool and Engineering Corporation, assignee: *See*—
Gale, Harold W.

Hiers, Franklin J., assignor of one-fourth to T. A. Hodges, Portsmouth, Va. Adjustable scaffold or staging. 2,436,862, Mar. 2.

Higinbotham, William A., Santa Fe, N. Mex., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War. Modulated saw tooth sweep generator. 2,436,890, Mar. 2.

Higinbotham, William A., Santa Fe, N. Mex., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War. Electronic system for differentiating voltage waveforms. 2,436,891, Mar. 2.

Hill, John S., assignor to Masonite Corporation, Laurel, Miss. Process of recovering organic compounds. 2,436,804, Mar. 2.

Himmel, Leon: *See*—
Watts, Chester B., Jr., and Himmel.

Hitchcox, Annie, assignee, et al.: *See*—
Milwain, Alfred.

Hitchcox, Herbert H. G., assignee, et al.: *See*—
Milwain, Alfred.

Hoder, Harry, assignee: *See*—
Dodson, Jesse L.

Hodges, Thomas A., assignee: *See*—
Hiers, Franklin J.

Hoffman, Ross B., Glen Ridge, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Radio indicating system. 2,436,805, Mar. 2.

Hoffmann-La Roche Inc., assignee: *See*—
Businger, Albert.
Karrer, Paul.
Morrison, Alexander L., and Konigstein.

Holsapple, Harvey T.: *See*—
Mears, Norman B., and Holsapple.

Homer Laughlin China Company, The, assignee: *See*—
Emerson, Walter H.

Homrighous, John H., Oak Park, Ill. Time division multiplex communication system. 2,437,027, Mar. 2.

Hooker, Ralph J., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Rack fastening for free-piston units. 2,437,026, Mar. 2.

Hoover Company, The, assignee: *See*—
Schug, Howard L.
Sutton, Otis B.

Horsting, William F., Wilmette, Ill. Shoe tree. 2,437,028, Mar. 2.

Hotchkiss Realty Corporation, assignee: *See*—
Peterson, Roy E., and Larsen.

Howard, William B., La Jolla, Calif. Collapsible shopping cart. 2,437,029, Mar. 2.

Howser, Walter M., Indianapolis, Ind. Sealed driving bushing. 2,436,996, Mar. 2.

Hoza, John, Belcamp, Md. Attachment of rubber soles to uppers of shoes. 2,437,030, Mar. 2.

Huge, Henry M., assignor, by mesne assignments, to Lorain Products Corporation, Lorain, Ohio. Magnetic frequency changer. 2,437,093, Mar. 2.

Hull, Leonard J., assignee: *See*—
Larter, Raymond B.

Humphrey, Stanley M., assignor to Taylor-Winfield Corporation, Warren, Ohio. Welding apparatus. 2,436,863, Mar. 2.

Hunt, Arthur L., Nottingham, assignor to George Edwards & Sons, Limited, Somercotes, Derbyshire, England. Circular knitted stocking. 2,437,195, Mar. 2.

Hunt, Everett M., Portsmouth, N. H. Forming and shearing device. 2,436,806, Mar. 2.

Hunter, Ralph W., Jacksonville, Fla. Method and apparatus for aligning machinery. 2,436,892, Mar. 2.

Huttner, Daniel, and R. S. Kramer, Chicago, Ill.: said Kramer assignor to said Huttner. Pillow filling machine with suction creating means. 2,437,196, Mar. 2.

Hyland, William A., Horicon, Wis., assignor to John Deere Van Brunt Company. Gear shifting mechanism for grain drills or the like. 2,437,094, Mar. 2.

Illinois Clay Products Company, The, assignee: *See*—
Prosser, Robert A., and Nichols.

Industrial Rayon Corporation, assignee: *See*—
Standley, George P., and McLellan.

Interchemical Corporation, assignee: *See*—
Cray, Frank W.

International Business Machines Corporation, assignee: *See*—
Roth, Robert I.

International Minerals & Chemical Corporation, assignee: *See*—
Barr, James A., and Smith.

International Resistance Company, assignee: *See*—
Lodge, Edmund G.

International Standard Electric Corporation, assignee: *See*—
Bracke, Oscar J. J.
Spangenberg, Karl, Field, and Helm.
Wolfson, Henry.

Inventions Corporation, assignee: *See*—
Bridges, John H.

Isbister, Eric J., Brooklyn, N. Y., assignor to The Sperry Corporation. Electrical follow-up system. 2,436,807, Mar. 2.

Ivester, Cecil B., Sunray, Tex., assignor to Continental Carbon Company. Time delay switch. 2,437,197, Mar. 2.

Jacobsen, Bent B., and M. M. Levy, assignors to Standard Telephones and Cables Limited, London, England. Multivibrator. 2,436,808, Mar. 2.

Jacobsen, Peter E. V., Copenhagen, Denmark. Cardboard box for eggs. 2,436,997, Mar. 2.

Jacobson, Ralph A., Landenburg, Pa., assignor to E. I. du Pont de Nemoura & Company, Wilmington, Del. Polymerization of acrylic acid nitriles. 2,436,926, Mar. 2.

Jasmer, Pearley A., Milwaukee, Wis. Tire chain. 2,437,031, Mar. 2.

Jefferson Electric Company, assignee: *See*—
Rickmeyer, Ernst W.

Joel, Amos E., Jr., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric combination lock. 2,436,809, Mar. 2.

Johnson & Johnson, assignee: *See*—
Davis, Herbert L., and Hervey.

Johnson, Paul W., Hartford, Conn. Pivoted jaw gage. 2,437,160, Mar. 2.

Johnson, Robert, Verona, assignor to Koppers Company, Inc., Pittsburgh, Pa. Dehydration process. 2,436,864, Mar. 2.

Jones, George M., Jenkintown Manor, assignor to Luxor Corporation, Philadelphia, Pa. Knife sharpener. 2,436,810, Mar. 2.

Jones, Ralph W., Sr., assignee: *See*—
Jones, Robert M.

Jones, Robert M., Bellevue, Nebr., assignor to R. W. Jones, Sr., St. Paul, Minn. Drill press. 2,436,964, Mar. 2.

Joy Toys, Inc., assignee: *See*—
McBride, Charles L.

Joyce-Cridland Company, The, assignee: *See*—
Copeland, Frank B.

Kähr, Gustaf, Stockholm, Sweden. Wooden deck covering on ships. 2,437,095, Mar. 2.

Kane, Garold A., assignor to The Northern Pump Company, Minneapolis, Minn. Hydraulic hoist system. 2,437,161, Mar. 2.

Kaprelian, Edward K., Alexandria, Va. Variable field range and view finder. 2,437,032, Mar. 2.

Karrer, Paul, Zurich, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Derivatives of 3-oxo-4-hydroxy-thiophan and the manufacture thereof. 2,436,865, Mar. 2.

Kassel, Louis S., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Prevention of afterburning in fluidized catalytic cracking processes. 2,436,927, Mar. 2.

Kay, James A., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Packaging machinery. 2,437,198, Mar. 2.

Keller, Charles S.: *See*—
Frank, Edward J., and Keller.

Keller, William M., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Table for vehicles. 2,437,162, Mar. 2.

Kempe, Robert A., assignor to Thompson Products, Inc., Cleveland, Ohio. Method of and apparatus for making poppet valves. 2,436,928, Mar. 2.

Kendall, Harold G., assignee: *See*—
Fritzinger, George H.

Kenney, George M., Cranston, and J. F. Cavanagh, Providence, assignors to Kenney Manufacturing Company, Cranston, R. I. Curtain rod or similar article. 2,436,811; Mar. 2.

Kenney Manufacturing Company, assignee: *See*—
Kenney, George M., and Cavanagh.

Kent-Owens Machine Company, assignee: *See*—
Tremblay, Albert F.

Kerr, Charles E., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Filling machine. 2,436,812, Mar. 2.

Khakiani, Hassanally K., Bombay, British India. Hospital bedstead. 2,437,096, Mar. 2.

King, Aden J., assignor to King Laboratories Inc., Syracuse, N. Y. Getter structure. 2,437,097, Mar. 2.

King Laboratories Inc., assignee: *See*—
King, Aden J.

Kirk, Philip, Philadelphia, Pa. Seat for use in aircraft. 2,437,199, Mar. 2.

Königstein, Marianne: *See*—
Morrison, Alexander L., and Königstein.

Koppel, Ernst R., Chicago, Ill., assignor to A. O. Smith Corporation, Milwaukee, Wis. Gas valve safety shutoff. 2,437,163, Mar. 2.

Koppers Company, Inc., assignee: *See*—
Johnson, Robert.

Korpi, Karl, and A. R. Goldsby, Port Arthur, Tex., assignors, by mesne assignments, to The Texas Company, New York, N. Y. Alkylation of hydrocarbons. 2,436,965, Mar. 2.

Kramer, Edward N., assignor to E. I. du Pont de Nemoura & Company, Wilmington, Del. Processing of titanium ores. 2,437,164, Mar. 2.

Kramer, Richard S.: *See*—
Huttner, Daniel, and Kramer.

Kroll, Nathan J.: *See*—
Kroll, Samuel and N. J.

Kroll, Samuel and N. J., Chicago, Ill. Baby carriage with detachable body. 2,437,098, Mar. 2.

Kronhaus, Semen, Los Angeles, Calif. Portable folding electric clothes presser. 2,436,998, Mar. 2.

Krupp, Louis, Brooklyn, N. Y. Combination handle and closure means for handbags. 2,437,099, Mar. 2.

Kuppersmith, Fred W., Bloomington, Ill. Clamping device. 2,437,200, Mar. 2.

Lackner, Emma H., assignee: *See*—
Lackner, Rolph J.

Lackner, Rolph J., assignor to E. H. Lackner, Richmond Hill, N. Y. Swinging scaffold. 2,436,813, Mar. 2.

Lambach, Fritz, Tenafly, N. J. Auxiliary bobbin support for use on the shank of a bobbin holder. 2,437,100, Mar. 2.

Lancaster, John E., New York, N. Y., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Mechanical seal. 2,436,866, Mar. 2.

Landgraf, Francis J. and R. P., Chicago, Ill. Synchronous electric clock motor. 2,437,201, Mar. 2.

Landgraf, Richard P.: *See*—
Landgraf, Francis J. and R. P.

Larsen, Elmer J., and O. G. Nelson, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Length measuring apparatus in combination with a twisting machine. 2,437,101, Mar. 2.

Larsen, Howard M.: *See*—
Peterson, Roy E., and Larsen.

Larter, Raymond B., assignor of one-half to L. J. Hull, Los Angeles, Calif. Index device. 2,437,102, Mar. 2.

LaSalle National Bank, assignee, trustee: *See*—
Haug, Eugene H.

Lawson, Frank C., Anderson, Ind. Fluid drive for motorcycles. 2,436,893, Mar. 2.

Leach, John F., Childress, Tex. Centrifugal pump. 2,437,103, Mar. 2.

Lebedeff, Yurii E., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Recovering tin from stannic chloride. 2,436,868, Mar. 2.

Lee Foundation for Nutritional Research, assignee: *See*—
Lee, Royal.

Lee, Richard K., assignor to The McKay Company, York, Pa. Welding rod. 2,436,867, Mar. 2.

Lee, Royal, assignor to Lee Foundation for Nutritional Research, Milwaukee, Wis. Food product and producing same. 2,437,104, Mar. 2.

Leece-Neville Company, The, assignee: *See*—
Allen, Edward J.

Le Grand, Jesse S.: *See*—
Richardson, Avery G., Dishal, and Le Grand.

Legris, Joseph A., Toronto, Ontario, Canada. Photographic exposure meter. 2,436,966, Mar. 2.

Leitch, James L., Bel Air, Md. Ortho-tolidine tablet composition. 2,436,814, Mar. 2.

Leppla, Rudolph, assignor to McConway & Torley Corporation, Pittsburgh, Pa. Spring plank. 2,437,033, Mar. 2.

Lester Engineering Company, assignee: *See*—
Lester, Nathan.

Lester, Nathan, Shaker Heights, assignor to Lester Engineering Company, Cleveland, Ohio. Injection molding machine spreader. 2,436,869, Mar. 2.

Leuck, Gerald J., Brooklyn, assignor to Corn Products Refining Company, New York, N. Y. Polymerization of sugars. 2,436,967, Mar. 2.

Levy, Maurice M.: *See*—
Jacobsen, Bent B., and Levy.

Lewis, Herbert T., Jr.: *See*—
Wilson, Jack P., Lewis, and Glassford.

Lindsey, Robert J., Mount Gilead, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Metal stretching press having slidable platen supports provided with clamping faces. 2,437,105, Mar. 2.

Linn, Carl B., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Polymerization of olefinic hydrocarbons. 2,436,929, Mar. 2.

Lipe-Rollway Corporation, assignee: *See*—
Spase, Charles B.

Lips Brandkasten-en Slotenfabrieken N. V., assignee: *See*—
Eras, Vincent J. M.

Livingstone, Harry, Longsight, Manchester, and W. E. Rogers, Timperley, Altrincham, assignors to Manchester Repetition Engineers Limited, Longsight, Manchester, England. Grinding or like machines. 2,437,106, Mar. 2.

Locke, Arthur A., Detroit, Mich. Helicopter lifting screw operating mechanism. 2,437,165, Mar. 2.

Lodge, Edmund G., Rosemont, assignor to International Resistance Company, Philadelphia, Pa. Volume control. 2,437,166, Mar. 2.

Longfield, William F., assignor to The Cleveland Punch & Shear Works Company, Cleveland, Ohio. Combined clutch and brake. 2,436,968, Mar. 2.

Lorain Products Corporation, assignee: *See*—
Huge, Henry M.

Lovelock, Arthur R., Boat of Garten, Scotland. Match draw indicator. 2,437,167, Mar. 2.

Lum, Walter O., Schenectady, N. Y., assignor to General Electric Company. Pressure operated valve. 2,436,815, Mar. 2.

Luxor Corporation, assignee: *See*—
Jones, George M.

Lyons, Lee J., Webster Groves, Mo. Apparatus for forming axle bearings. 2,437,107, Mar. 2.

Mack Manufacturing Corporation, assignee: *See*—
Heiney, John W.

Mackmann, Arthur, assignor to Foote Bros. Gear and Machine Corporation, Chicago, Ill. Motor reducer unit. 2,436,930, Mar. 2.

MacMillin, Howard F., W. Ernst, and G. A. Waldie, Mount Gilead, Ohio, assignors to H-P-M Development Corporation. Method and apparatus for plastic injection. 2,436,939, Mar. 2.

Madison, Martin J., Oteen, N. C. Chocks for aircraft and other vehicles. 2,437,108, Mar. 2.

Magee, Edward B., assignor to Port Colborne Iron Works Limited, Port Colborne, Ontario, Canada. Fair-lead for cables, ropes, and the like. 2,436,894, Mar. 2.

Magnaflux Corporation, assignee: *See*—
De Forest, Taber.

Manchester Repetition Engineers Limited, assignee: *See*—
Livingstone, Harry, and Rogers.

Maquat, Lloyd E., Easton, assignor to The Black Rock Manufacturing Company, Bridgeport, Conn. Dipping machine. 2,437,109, Mar. 2.

Marencik, William J., Parma, assignor to Thompson Products, Inc., Cleveland, Ohio. Preventing scaling during the forging of hollow metal articles. 2,436,931, Mar. 2.

Marihart, Leo A., Monterey, Calif. Timing apparatus. 2,437,168, Mar. 2.

Marino, Salvatore, Chicago, Ill. Ravioli machine. 2,437,202, Mar. 2.

Markowitz, Louis C., San Diego, Calif. Medicinal applicator and therapeutic device. 2,436,895, Mar. 2.

Marler, Milton T., Los Angeles, Calif. Package. 2,437,110, Mar. 2.

Marty, Amos R., Marion, Ohio. Nonvibratory massaging device. 2,436,969, Mar. 2.

Masonite Corporation, assignee: *See*—
Hill, John S.

Mattox, William J., La Grange, assignor to Universal Oil Products Company, Chicago, Ill. Production of polycyclic hydrocarbons. 2,436,932, Mar. 2.

McBride, Charles, assignor to Joy Toys, Inc., Tampa, Fla. Toy ferris wheel. 2,437,000, Mar. 2.

McCandless, William, Toledo, Ohio. Fuel tank gage. 2,437,203, Mar. 2.

McCarty, Lourdes V., assignor to Automatic Products Company, Milwaukee, Wis. Different density fuel level control device. 2,436,933, Mar. 2.

McConway & Torley Corporation, assignee: *See*—
Leppla, Rudolph.

McGregor, Rob R., Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Sulfuric acid polymerization of diorganosiloxanes. 2,437,204, Mar. 2.

McKay Company, The, assignee: *See*—
Lee, Richard K.

McKeige, Edward E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cable clamp. 2,437,111, Mar. 2.

McLellan, Kenneth M.: *See*—
Standley, George P., and McLellan.

Mears, Norman B., West St. Paul, assignor to Buckbee-Mears Company, St. Paul, Minn. Photo-printing apparatus. 2,437,229, Mar. 2.

Mears, Norman B., West St. Paul, Minn., and H. T. Holsapple, New Rochelle, N. Y., assignors to Buckbee-Mears Company, St. Paul, Minn. Reticle. 2,437,228, Mar. 2.

Meinzer, Gotthold H., Glendale, Calif. Polishing machine. 2,437,034, Mar. 2.

Meredith, Harry R., assignee: *See*—
Edelhart, Edward S.

Metal & Thermit Corporation, assignee: *See*—
Richter, Hartmut W.

Meyer, Maximilian C., Brooklyn, N. Y. Baseball game. 2,436,816, Mar. 2.

Meyers, W. F., Company, assignee: *See*—
Sneva, Ingolf.

Middleton, Leslie H., and D. H. Stoltenberg, Toledo, Ohio. Spark plug. 2,437,205, Mar. 2.

Miller, Abe, Detroit, Mich. Washing machine with divided container and axial inlet. 2,437,169, Mar. 2.

Miller, Kay, Kalamazoo, Mich., assignor, by mesne assignments, to Dana Corporation, Toledo, Ohio. Clutch actuating mechanism. 2,436,817, Mar. 2.

Milner, Christopher J.: *See*—
Scott, William J., and Milner.

Milwain, Alfred, assignor of two-thirds to H. H. G. and A. Hitchcox, Coventry, England. Cycle or like locking mechanisms. 2,437,112, Mar. 2.

Miner, W. H., Inc., assignee: *See*—
Dath, George E.

Minich, Arthur, Westfield, assignor to Nuodex Products Co., Inc., Elizabeth, N. J. Dodecylamine salt of 2-mercaptobenzothiazole and making the same. 2,437,170, Mar. 2.

Mistretta, Vincent F., Fanwood, N. J., assignor to Standard Oil Development Company. Ferrous metal supported zinc oxide-bismuth oxide catalyst. 2,436,970, Mar. 2.

Mitchell, William A.: *See*—
Murer, Harvey K., and Mitchell.

Monroe Paper Box Co., Inc., assignee: *See*—
Greisman, Hyman.

Monsanto Chemical Company, assignee: *See*—
Mowry, David T.

Montelius, Carl O. J., assignor to Aktiebolaget Imo-Industri, Stockholm, Sweden. Fluid regulating device. 2,437,113, Mar. 2.

Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument chart plate support. 2,436,971, Mar. 2.

Moore, George A., assignor to National Biscuit Company, New York, N. Y. Container. 2,437,114, Mar. 2.

Morris, Rupert C., Berkeley, and T. W. Evans, Oakland, assignors to Shell Development Company, San Francisco, Calif. Recovery of olefinic hydrocarbons. 2,437,230, Mar. 2.

Morrison, Alexander L., and M. Königstein, Welwyn Garden City, England, assignors to Hoffmann-La Roche Inc., Nutley, N. J. Ether-esters of organic hydroxy diphenyl acetic acid and manufacture of same. 2,437,035, Mar. 2.

Mowry, David T., Dayton, Ohio, assignor to Monsanto Chemical Company. Copolymers of styrene and a beta-cyanoacrylate. 2,437,231, Mar. 2.

Muller, Johan A., and W. R. Tucker, Dayton, Ohio., assignors to The H-P-M Development Corporation, Wilmington, Del. Mechanically actuated hydraulic control system for pump control. 2,437,115, Mar. 2.

Mummert, Arden J., and H. P. Phillips, St. Louis County, Mo., assignors, by mesne assignments, to Perfect Circle Corporation. Piston packing. 2,436,896, Mar. 2.

Murer, Harvey K., Summit, and W. A. Mitchell, Cedar Grove, N. J., assignors to General Foods Corporation, New York, N. Y. Production of starch from cereal grains. 2,437,036, Mar. 2.

Murphree, Eger V., Summit, N. J., assignor to Standard Oil Development Company. Preparation of chlorine. 2,436,870, Mar. 2.

Musher Foundation Incorporated, assignee: *See*—
Musher, Sidney.

Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Cosmetic preparations. 2,436,818, Mar. 2.

National Biscuit Company, assignee: *See*—
Moore, George A.

National Carbon Company, Inc., assignee: *See*—
Carmichael, Robert, and Seidler.

National Cash Register Company, The, assignee: *See*—
Braner, Henry J.

National Electric Instrument Company, Inc., assignee: *See*—
Arnesen, Walter A., Hertweck, and Doty.

National Pitch Corporation, assignee: *See*—
Norbom, Ragnar A.

Neher, Eldon P., North Manchester, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Shock absorbing device. 2,437,206, Mar. 2.

Neidorf, Samuel W., Nutley, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Method of forming glass beads. 2,436,819, Mar. 2.

Nelson, Oscar G.: *See*—
Larsen, Elmer J., and Nelson.

Nelson, Perley A. and W. R., El Segundo, Calif. Delayed action electric switch. 2,437,037, Mar. 2.

Nelson, William R.: *See*—
Nelson, Perley A. and W. R.

Nichols, Arthur S.: *See*—
Prosser, Robert A., and Nichols.

Nielsen, Niels E., Summit, and F. G. Stirling, Maplewood, N. J. Bristle tuft and holding bar. 2,436,934, Mar. 2.

Nopco Chemical Company, assignee: *See*—
Robinson, Edwin A., and Beach.

Norbom, Ragnar A., New York, N. Y., assignor to National Pitch Corporation. Locking containers on vehicles. 2,436,972, Mar. 2.

Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Feeding and gauging mechanism. 2,436,821, Mar. 2.

Nordquist, Ronald E. J., Maplewood, and H. F. Cox, Jr., Summit, N. J., assignors to American Can Company, New York, N. Y. Feeding articles to be marked. 2,436,820, Mar. 2.

Northern Pump Company, The, assignee: *See*—
Kane, Garold A.

Nowka, Wilfred A., Hastings, Nebr. Kite. 2,437,038, Mar. 2.

Noxon, Paul A., Tenafly, assignor to Bendix Aviation Corporation, Bendix, N. J. Clutch. 2,437,207, Mar. 2.

Nuodex Products Co., Inc., assignee: *See*—
Minich, Arthur.

Nutt, Harold, assignor to Borg-Warner Corporation, Chicago, Ill. Carburetor control linkage. 2,436,897, Mar. 2.

Nye-Wait Company, Inc., assignee: *See*—
Bryant, Leslie E.

Odessey, Paul H., Great Neck, N. Y., assignor to Raytheon Manufacturing Company, Newton, Mass. Stabilizer for alternating current line regulators. 2,436,822, Mar. 2.

Oehser, Edward M.: *See*—
Salisbury, Robert H., and Oehser.

Ohler, Albert A., Detroit, Mich. Fastener for tying elements. 2,436,935, Mar. 2.

Oppegaard, Parnell H., McIntosh, Minn. Snow plow. 2,437,116, Mar. 2.

Örström, Gustaf. Alsten, Sweden, assignor to Arenco Aktiebolag. Bag feeding machine with bag opening and expanding means. 2,437,117, Mar. 2.

Ostline, John E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Automatic telephone system having rating independent of routing. 2,437,118, Mar. 2.

Ottinger, August F.: *See*—
Brady, Charles V., and Ottinger.

Overby, Stanley, Inglewood, and C. S. Viall, Sr., Los Angeles, Calif.; said Viall assignor to said Overby. Spring seat construction. 2,437,119, Mar. 2.

Pacific Can Company, assignee: *See*—
Bourland, Eli.

Page, Herbert E., Pasadena, Calif. Variable-speed drive. 2,436,936, Mar. 2.

Parker, Ruth F., Memphis, Tenn. Compact. 2,437,120, Mar. 2.

Paterson Parchment Paper Company, assignee: *See*—
Dodge, Wesley.

Pechukas, Alphonse, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Composite titanium dioxide–metal oxide pigment. 2,437,171, Mar. 2.

Pennsylvania Railroad Company, The, assignee: *See*—
Keller, William M.

Pereles, Maurice, East Orange, N. J. Spark plug. 2,436,973, Mar. 2.

Perfect Circle Corporation, assignee: *See*—
Mummert, Arden J., and Phillips.

Petersen, Harry E., Waterloo, Iowa, assignor to Deere Manufacturing Co. Starting control mechanism for internal-combustion engines. 2,437,121, Mar. 2.

Petersén, Tor, Stockholm, Sweden. Hand grenade. 2,437,001, Mar. 2.

Peterson, Roy E., Norwalk, and H. M. Larsen, Fairfield, assignors, by mesne assignments, to Hotchkiss Realty Corporation, Norwalk, Conn. Staple driving implement. 2,437,039, Mar. 2.

Peterson, William R., Oswego, assignor to St. Regis Paper Company, New York, N. Y. Valve bag filler. 2,437,172, Mar. 2.

Petskeyes, Charles H., Davenport, Iowa, assignor to Gellman Manufacturing Company, Rock Island, Ill. Knife frame attaching means for multiple reciprocating blade bread slicing machines. 2,437,122, Mar. 2.

Petskeyes, Charles H., Davenport, Iowa, assignor to Gellman Manufacturing Company, Rock Island, Ill. Blade mounting means for multiple blade bread slicing machines. 2,437,123, Mar. 2.

Petskeyes, Charles H., Davenport, Iowa, assignor to Gellman Manufacturing Company, Rock Island, Ill. Feeding device for multiple blade bread slicing machines. 2,437,124, Mar. 2.

Philco Corporation, assignee: *See*—
Bingley, Frank J.

Phillips, Harold P.: *See*—
Mummert, Arden J., and H. P. Phillips.

Phillips Petroleum Company, assignee: *See*—
Roberts, Perry L.

Pickles, Sidney B., Jackson Heights, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Course modifying system. 2,436,823, Mar. 2.

Pittsburgh Plate Glass Company, assignee: *See*—
Pechukas, Alphonse.

Plummer, Fred L., assignor to Hammond Iron Works, Warren, Pa. Floating roof for tanks. 2,437,125, Mar. 2.

Pope, Daniel K., Thomaston, Ga. Twister ring lubricating device. 2,437,208, Mar. 2.

Porcelain Metals Corporation, assignee: *See*—
Birdwell, Benjamin F.

Port Colborne Iron Works Limited, assignee: *See*—
Magee, Edward B.

Potter, Ralph K., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio paging for vehicles. 2,436,824, Mar. 2.

Precision Shapes, Inc., assignee: *See*—
Fassnacht, Paul H.

Premier Crystal Laboratories, Incorporated, assignee: *See*—
Bach, Henry M.

Prevost, Gerard T., and J. M. Downes, Bridgeport, Conn. Nonskid device for tires. 2,437,040, Mar. 2.

Prior, Harold D., Plainfield, N. J., assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Superopaque enamel. 2,436,825, Mar. 2.

Proctor & Schwartz, Inc., assignee: *See*—
Wilson, Jack P., Lewis, Jr., and Glassford.

Proell, Wayne A., assignor to Standard Oil Company, Chicago, Ill. Hydrocarbon fuel oil. 2,437,041, Mar. 2.

Prosser, Robert A., Riverside, and A. S. Nichols, Oak Park, assignors to The Illinois Clay Products Company, Joliet, Ill. Material projecting apparatus. 2,437,042, Mar. 2.

Quality Appliances, Inc., assignee: *See*—
Snyder, Leland H.

Rabezzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Making spark plugs. 2,437,209, Mar. 2.

Radio Corporation of America, assignee: *See*—
Evans, John.
Goldstine, Hallan E., and Voigt.
Grosdoff, Igor E.

Radio Patents Corporation, assignee: *See*—
Rath, Karl.

Ratajczak, Francis I., assignor to General Motors Corporation, Dayton, Ohio. Shell ejecting mechanism for machine guns. 2,436,937, Mar. 2.

Rath, Karl, assignor to Radio Patents Corporation, New York, N. Y. Center frequency stabilized frequency modulated oscillator. 2,436,871, Mar. 2.

Raytheon Manufacturing Company, assignee: *See*—
Dawson, John W.
Odessey, Paul H.
Stutsman, Paul W.

Reardon, Joseph D., and G. E. Guellich, Buffalo, N. Y., assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Cemented optical element having light absorbing coating. 2,437,126, Mar. 2.

Refining Unincorporated, assignee: *See*—
Clayton, Benjamin.

Regad, Eugene D., and A. T. Anderson, Dover, N. J. Primer. 2,436,826, Mar. 2.

Resinous Products & Chemical Company, The, assignee: *See*—
Rothrock, David A., Jr., and Conyne.

Richardson, Avery G., Boonton, and M. Dishal and J. S. Le Grand, Nutley, N. J., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Channel identifying system. 2,436,827, Mar. 2.

Richardson, Lloyd D., Dayton, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Apparatus for powder metallurgy. 2,437,127, Mar. 2.

Richter, Hartmut W., Rahway, N. J., assignor to Metal & Thermit Corporation, New York, N. Y. Preparing potassium stannate. 2,436,974, Mar. 2.

Rickmeyer, Ernst W., Elmhurst, assignor to Jefferson Electric Company, Bellwood, Ill. Plunger switch. 2,436,898, Mar. 2.

Rieber, William K., Los Angeles, Calif. Variable-speed transmission. 2,437,128, Mar. 2.

Riebli, Walter W., Oakland, Calif. Drainage system for stables. 2,437,210, Mar. 2.

Riedling, John H., assignor of one-half to M. Wilkerson, Memphis, Tenn. Ring grinding machine. 2,437,002, Mar. 2.

Riemenschneider, Edmund W., and D. T. Greth, assignors to The Union Metal Manufacturing Company, Canton, Ohio. Collapsible pile-driving mandrel. 2,437,043, Mar. 2.

Ring, Douglas H., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coupling arrangement for use in wave transmission systems. 2,436,828, Mar. 2.

Rivest, Paul E., London, Ontario, Canada. Circular cutter. 2,436,899, Mar. 2.

Roberts, Perry L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Removal of traces of water from mixtures of hydrogen chloride with low-boiling hydrocarbons. 2,436,900, Mar. 2.

Robinson, Edwin A., Chatham, and R. M. Beach, Florham Park, assignors to Nopco Chemical Company, Harrison, N. J. Tanning with chromiates of lignin sulfonic acids. 2,437,044, Mar. 2.

Rogers, William E.: *See*—
Livingstone, Harry, and Rogers.

Roper, Edwin E., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Determination of hydrocarbon concentration in soil samples. 2,437,045, Mar. 2.

Rose Brothers (Gainsborough) Limited, assignee: *See*—
Kay, James A.

Ross, Albert R., Western Springs, assignor to Boyar-Schultz Corporation, Chicago, Ill. Knurling tool. 2,436,975, Mar. 2.

Rossman, Edwin F., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Hydraulic shock absorber. 2,436,901, Mar. 2.

Roth, Robert I., Hawthorne, assignor to International Business Machines Corporation, New York, N. Y. Bipolar magnetic control record. 2,436,829, Mar. 2.

Rothrock, David A., Jr., and R. F. Conyne, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Stabilization of polyesters. 2,437,046, Mar. 2.

Rothrock, David A., Jr., and R. F. Conyne, Philadelphia, Pa., assignors to The Resinous Products & Chemical Company. Stabilization of polyesters from dihydric alcohols and both saturated and unsaturated dicarboxylic acids. 2,437,232, Mar. 2.

Rovick, John D., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Gear grinding fixture. 2,436,902, Mar. 2.

Rubin, Leon, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Phase modulation. 2,437,047, Mar. 2.

Ruegg, Arthur E., Zurich, Switzerland. Machine for molding concrete units. 2,437,003, Mar. 2.

Ruggles, Albert C.: *See*—
Von Bramer, Harold, and Ruggles.

Rutherford, Robert E., Nutley, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Device for discriminating between fixed and moving objects. 2,437,173, Mar. 2.

Rutledge, William J., Lucy, Tenn. Steam head for drier drums. 2,437,004, Mar. 2.

St. Regis Paper Company, assignee: *See*—
Petersen, William R.

Salisbury, Robert H., and E. M. Oehser, assignors to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Ear protector. 2,437,049, Mar. 2.

Sallés, Jaime, Montevideo, Uruguay. Apparatus for determining the relative differences of speed of two rotary elements. 2,437,048, Mar. 2.

Schafer, Minnie M., San Diego, Calif. Bathtub handhold construction. 2,436,903, Mar. 2.

Scharmann, Walter G., Westfield, and Frank T. Barr, Summit, N. J., assignors to Standard Oil Development Company. Producing motor fuel. 2,436,938, Mar. 2.

Schermuly, Alfred J.: *See*—
Schermuly, Conrad D., A. J., and C.

Schermuly, Charles: *See*—
Schermuly, Conrad D., A. J., and C.

Schermuly, Conrad D., A. J., and C., assignors to The Schermuly Pistol Rocket Apparatus Limited, Parkgate, Newdigate, Surrey, England. Rocket. 2,437,211, Mar. 2.

Schermuly Pistol Rocket Apparatus Limited, The, assignee: *See*—
Schermuly, Conrad D., A. J., and C.

Schneider, Wilhelm: *See*—
Zeh, Walter, Schneider, and Fröhlich.

Schottland, Frederic D., Forest Hills, N. Y. Electric condenser and method for making the same. 2,437,212, Mar. 2.

Schreiber, John H., St. Louis, Mo. Rotary cathead. 2,437,129, Mar. 2.

Schug, Howard L., Palo Alto, Calif., assignor to The Hoover Company, North Canton, Ohio. Magnetic coupling and bearing. 2,436,939, Mar. 2.

Schulein, Joseph, Corvallis, Oreg. Regenerating anodizing baths. 2,436,940, Mar. 2.

Schulz, Armand C., Milwaukee, Wis. Dampening roller. 2,437,050, Mar. 2.

Schwarz, Egon H., Zurich, Switzerland. Production of print pictures on print bodies. 2,437,005, Mar. 2.

Scott, William J., and C. J. Milner, Rugby, England, assignors to General Electric Company. Ultra high frequency electric discharge device. 2,437,130, Mar. 2.

Seidler, Arthur W.: *See*—
Carmichael, Robert, and Seidler.

Sendoykas, Jack J., Detroit, Mich. Toggle clamp. 2,436,941, Mar. 2.

Sensel, Eugene E., Beacon, and R. A. Beck, Glenham, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Hydrogenation of carbon monoxide. 2,437,051, Mar. 2.

Seurynck, Bernard J., Detroit, Mich. Bowling ball. 2,436,976, Mar. 2.

Shanor, Edgar E., Sharon, Pa., assignor to General American Transportation Corporation, Chicago, Ill. Seal for floating roof tanks. 2,436,942, Mar. 2.

Sharpless, William M., Fair Haven, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system and method. 2,436,830, Mar. 2.

Shaw, Victor S., Mount Gilead, Ohio, assignor to H-P-M Development Corporation. Fluid operable short stroke device. 2,437,131, Mar. 2.

Shea, Frederick M., assignor to Bear Brand Hosiery Co., Kankakee, Ill. Knitting machine. 2,436,904, Mar. 2.

Shell Development Company, assignee: *See*—
Morris, Rupert C., and Evans.

Short, Brooks H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition system. 2,436,905, Mar. 2.

Signaigo, Frank K., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of active carbon. 2,437,174, Mar. 2.

Silva, Willard C., Sarasota, Fla. Celery harvester. 2,436,831, Mar. 2.

Simpson, William T., St. Clairsville, Ohio. Invalid pad. 2,437,006, Mar. 2.

Singer Manufacturing Company, The, assignee: *See*—
Spaine, Edward P.

Sinks, Allen T., Beach Bluff, Mass., assignor to General Electric Company. Remote indicating compass. 2,437,132, Mar. 2.

Sirks, Walter M., Columbus, Ohio. Baby feeder. 2,437,133, Mar. 2.

Slomer, Joseph J., assignor to Goodman Manufacturing Company, Chicago, Ill. Trolley pole positioning means. 2,437,213, Mar. 2.

Smith, A. O., Corporation, assignee: *See*—
Koppel, Ernst R.

Smith, August L., Harrison, N. Y. Electrode assembly for moisture meters. 2,437,134, Mar. 2.

Smith, Clyde E., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Timing circuits. 2,436,872, Mar. 2.

Smith, Travis O., Kansas City, Mo., assignor, by mesne assignments, to Arbee Products Company, Kansas City, Kans. Bag holder. 2,437,233, Mar. 2.

Smith, William A.: *See*—
Barr, James A., and Smith.

Sneva, Ingolf, assignor to W. F. Meyers Company, Bedford, Ind. Radius-angle former. 2,436,873, Mar. 2.

Snyder, Leland H., assignor, by mesne assignments, to Quality Appliances, Inc., Chicago, Ill. Electric flatiron. 2,436,943, Mar. 2.

Société "Elox," assignee: *See*—
Verge, Pierre L. A.

Socin, Francis C., Batavia, assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Piano action. 2,436,875, Mar. 2.

Socony-Vacuum Oil Company, Incorporated, assignee: *See*—
Crowley, John A., Jr., and Hayes.

Soreny, Ernest V., New York, N. Y., assignor to Federal Telephone and Radio Corporation. Connecting device and making the same. 2,436,832, Mar. 2.

Spaine, Edward P., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread-controller for sewing machines. 2,437,052, Mar. 2.

Spangenberg, Karl, L. M. Field, and R. Helm, Palo Alto, Calif., assignors to International Standard Electric Corporation, New York, N. Y. High density beam tube. 2,436,833, Mar. 2.

Spase, Charles B., Nedrow, assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Friction clutch. 2,436,874, Mar. 2.

Sperry Corporation, The, assignee: *See*—
Isbister, Eric J.

Square D Company, assignee: *See*—
Andresen, John H., Jr.

Stamsvik, Alfred L., Pittsburgh, Pa. Rotary sliding vane pump structure. 2,436,876, Mar. 2.

Standard Oil Company, assignee: *See*—
Proell, Wayne A.

Standard Oil Development Company, assignee: *See*—
Mistretta, Vincent F.
Murphree, Eger V.
Scharmann, Walter G., and Barr.

Standard Telephones and Cables Limited, assignee: *See*—
Bray, Frederick H.
Jacobsen, Bent B., and Levy.
Williams, Herbert P.

Standley, George P., Cleveland Heights, and K. M. McLellan, Cleveland, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Reinforcing cord and manufacture. 2,436,978, Mar. 2.

Standley, George P., Cleveland Heights, and K. M. McLellan, Cleveland, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Tire cord and manufacture. 2,436,979, Mar. 2.

Standley, George P., Cleveland Heights, and K. M. McLellan, Cleveland, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Tire cord and manufacture. 2,436,980, Mar. 2.

Stanolind Oil and Gas Company, assignee: *See*—
Roper, Edwin E.

Steinhoff, Gordon R., Santa Monica, Calif., and J. W. Blair, Tulsa, Okla., assignors to Boeing Airplane Company, Wichita, Kans. Airplane landing gear and emergency release mechanism therefor. 2,437,135, Mar. 2.

Stemmons, Clarence H., Kansas City, Mo. Foot leveler. 2,437,136, Mar. 2.

Stevens, Jesse V.: *See*—
Dons, Eddie M., and Stevens.

Stevens, Marie M., Chicago, Ill. Protector for nursing mothers. 2,436,977, Mar. 2.

Stigter, Willem H.: *See*—
Van Weenen, Franciscus L., and Stigter.

Stirling, Fred G.: *See*—
Nielsen, Niels E., and Stirling.

Stodola, Edwin K., Neptune, N. J. Phase and frequency modulation. 2,436,834, Mar. 2.

Stoltenberg, Delbert H.: *See*—
Middleton, Leslie H., and Stoltenberg.

Stutsman, Paul W., Needham, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Control circuit for gas discharge tubes. 2,436,835, Mar. 2.

Sullivan, John J., Arlington, assignor of one-half to L. L. Witter, Boston, Mass. Pouring carton. 2,436,981, Mar. 2.

Summers, Thomas O., Jr., Los Angeles, Calif. Gyroscopic flight indicating instrument. 2,437,175, Mar. 2.

Sun Chemical Corporation, assignee: *See*—
Daniel, Frederick K.
Denton, Richard A.

Sutherland, Robert E., assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of saturated hydrocarbons. 2,436,944, Mar. 2.

Sutton, Otis B., assignor to The Hoover Company, North Canton, Ohio. Two temperature absorption refrigerating apparatus and method. 2,436,945, Mar. 2.

Svoboda, Theodore, Fairbury, Nebr. Clock-controlled switch. 2,436,906, Mar. 2.

Swanson, Clark F., Cologne, Minn. Mailbox. 2,437,053, Mar. 2.

Swebilius, Carl G., Hamden, Conn. Gun-barrel lock. 2,437,137, Mar. 2.

Tatal, Ladislao S., Habana, Cuba. Inflatable orthopedic shoulder pad. 2,437,054, Mar. 2.

Tatro, Frank B., assignor, by mesne assignments, to Virgil A. Hamilton, Chicago, Ill. Capacity-type phonograph pickup. 2,436,946, Mar. 2.

Taylor Instrument Companies, assignee: *See*—
Wharton, Armistead.

Taylor, Willard O., Ranger, Tex. Underground cutter for trees. 2,437,176, Mar. 2.

Taylor-Winfield Corporation, assignee: *See*—
Humphrey, Stanley M.
Smith, Clyde E.

Texas Company, The, assignee: *See*—
Eastman, Du Bois.
Gaucher, Leon P.
Goldsby, Arthur R., and Watson.
Korpi, Karl, and Goldsby.
Sensel, Eugene E., and Beck.

Theis, Frank H., Hutchinson, Kans. Pneumatic grain loader. 2,437,138, Mar. 2.

Theobald, Thomas O., Royal Oak, Mich. Casting and apparatus therefor. 2,437,177, Mar. 2.

Thompson, Clifford J., Davenport, Fla. Bag seal and handle. 2,437,055, Mar. 2.

Thompson Products, Inc., assignee: *See*—
Kempe, Robert A.
Marencik, William J.

Thorns, Phillip M., Clements, Calif. Haying machine. 2,437,007, Mar. 2.

Thorpe, Warren, Lawrence, N. Y. Information posting board. 2,436,836, Mar. 2.

Titanium Alloy Manufacturing Company, The, assignee: *See*—
Prior, Harold D.
Wainer, Eugene.

Traylor, John B., Denver, Colo. Fuse for antitank mines. 2,436,837, Mar. 2.

Tremblay, Albert F., assignor to Kent-Owens Machine Company, Toledo, Ohio. Lehr feeder. 2,437,214, Mar. 2.

Trimble, Russell F., Cambridge, Mass., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War. Indirectly heated cathode. 2,436,907, Mar. 2.

Tucker, Warren R.: *See*—
Muller, Johan A., and Tucker.

Tucker, Warren R., Dayton, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Hydraulic speed control apparatus. 2,437,139, Mar. 2.

Turnquist, Carl E., San Gabriel, Calif. Food slicer with swinging plural spaced knives. 2,436,982, Mar. 2.

Union Metal Manufacturing Company, The, assignee: *See*—
Riemenschneider, Edmund W., and Greth.

Union Switch & Signal Company, The, assignee: *See*—
Breisch, Edgar W.

United Aircraft Corporation, assignee: *See*—
Hooker, Ralph J.

United Shoe Machinery Corporation, assignee: *See*—
Barbati, Guido J.

U. S. Slicing Machine Company, assignee: *See*—
Brownsey, Oscar.

Universal Oil Products Company, assignee: *See*—
Grote, Henry W.
Haensel, Vladimir.
Kassel, Louis S.
Linn, Carl B.
Mattox, William J.
Sutherland, Robert E.

Van Brunt, John Deere Company, assignee: *See*—
Hyland, William A.

Van Doehren, George, Fredericksburg, Iowa. Oil filter screen. 2,437,008, Mar. 2.

Van Weenen, Franciscus L., and W. H. Stigter, Eindhoven, Netherlands, assignors to Hartford National Bank & Trust Co., Hartford, Conn., as trustee. Flexible connecting rod. 2,436,908, Mar. 2.

Vergne, Pierre L. A., Saint-Cloud, assignor to Société "Elox," Courbevoie, France. Overload release clutch. 2,436,947, Mar. 2.

Viall, Charles S., Sr., assignee: *See*—
Overby, Stanley.

Voigt, Oswin F.: *See*—
Goldstine, Hallan E., and Voigt.

Von Bramer, Harold, and A. C. Ruggles, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Stabilization of tetraalkyl lead and compositions containing the same. 2,436,838, Mar. 2.

Vredenburg, Edric W., Berkeley, Calif. Device for simultaneously filling and weighing bags. 2,436,983, Mar. 2.

Vroman, John C., Detroit, Mich. Piston construction. 2,437,056, Mar. 2.

Wainer, Eugene, Niagara Falls, N. Y., assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. High dielectric composition and making same. 2,436,839, Mar. 2.

Wainer, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Temperature stable dielectric and making same. 2,436,840, Mar. 2.

Waldie, George A.: *See*—
MacMillin, Howard F., Ernst, and Waldie.

Waldie, George A., Edison, Ohio, assignor to H-P-M Development Corporation. Electronic motor control circuits. 2,437,140, Mar. 2.

Wallace, Walter E., assignor to Bell and Wallace Manufacturing Corporation, Richmond, Ind. Casket construction. 2,437,141, Mar. 2.

War, United States of America as represented by the Secretary of, assignee: *See*—
Higinbotham, William A.
Trimble, Russell F.
Wiler, Edward M.
Williams, John W., and Deutsch.

Warner, Arthur J., South Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Testing polystyrene. 2,436,841, Mar. 2.

Warner, Arthur J., South Orange, and Myron Bakst, assignors to Federal Telephone and Radio Corporation, Newark, N. J. Insulating material containing cyclized rubber, a polyolefine, and polystyrene. 2,436,842, Mar. 2.

Warner, Arthur R., London, N. W. 8, England. Illuminated sign. 2,437,009, Mar. 2.

Warrick, Earl L.: *See*—
McGregor, Rob R.

Waters, Harry F., New York, N. Y. Heat sealing method. 2,437,057, Mar. 2.
Waters, Harry F., New York, N. Y. Collapsible container for air transportation of fluids. 2,437,058, Mar. 2.
Watson, Claude W.: *See*—
Goldsby, Arthur R., and Watson.
Watts, Chester B., Jr., East Orange, N. J., and L. Himmel, New York, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J. Radio antenna. 2,436,843, Mar. 2.
Way, Glenn W., Delaware, Ohio. Shovel loader. 2,437,010, Mar. 2.
Webb, John, assignor, by mesne assignments, to R. H. Webb and Associates, Inc., Toledo, Ohio. Magnetic retaining means for can lids and the like. 2,437,234, Mar. 2.
Webb, R. H., and Associates, Inc., assignee: *See*—
Webb, John.
Weier, Heinrich, Ennetbaden, Switzerland, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Gas turboelectric locomotive. 2,437,011, Mar. 2.
Welch, Alfred F., Fort Wayne, Ind., and John R. Enochs, Framingham, Mass., assignors to General Electric Company. Shaded-pole synchronous motor. 2,437,142, Mar. 2.
Wells, Homer A., Sacramento, Calif. Resilient wheel. 2,436,844, Mar. 2.
Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Thermostatic switch. 2,436,909, Mar. 2.
Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Commutator bar. 2,436,910, Mar. 2.
Western Electric Company, Incorporated, assignee: *See*—
Larsen, Elmer J., and Nelson.
McKeige, Edward E.
Westinghouse Electric Corporation, assignee: *See*—
Dunlop, James.
Wharton, Armistead, Thompson's Point, Vt., assignor to Taylor Instrument Companies, Rochester, N. Y. Integrator. 2,437,178, Mar. 2.
Wheeler, Edward A., Chicago, Ill. Peripheral drain means for laundry machines. 2,437,179, Mar. 2.
Wheeler, Harold E., Chicago, and David A. Forberg, Des Plaines, Ill. Food locker. 2,437,215, Mar. 2.
White, Raymond J., Longview, Tex. Supporting step. 2,437,012, Mar. 2.
Whiteside, John W.: *See*—
Gould, Louis P., and Whiteside.
Wikstrom, Oskar W., assignee: *See*—
Gregoire, Horace W.
Wiler, Edward M., Belmar, N. J., assignor to the United States of America, as represented by the Secretary of War. Coaxial spark gap. 2,436,845, Mar. 2.
Wilkerson, Margaret, assignee: *See*—
Riedling, John H.
Williams, George W., assignee et al.: *See*—
Ames, Robert G.
Williams, Harvey A., Davidson, Mich. Mount for gun sights. 2,436,948, Mar. 2.
Williams, Herbert Paul, assignor to Standard Telephones and Cables Limited, London, England. Glide path system for aircraft. 2,436,846, Mar. 2.
Williams, John W., and Harold F. Deutsch, Madison, Wis., assignors to the United States, as represented by the Secretary of War. Recovering gamma globulins from human blood serum. 2,437,060, Mar. 2.
Williams, Marvin L., Tulare, Calif. Ground working implement. 2,437,059, Mar. 2.
Wilson, Arthur L., Brentwood, Calif. Electrical cable. 2,436,984, Mar. 2.
Wilson, Jack P., Ardmore, Herbert T. Lewis, Jr., Philadelphia, and Donald C. Glassford, Merion Station, assignors to Proctor & Schwartz, Inc., Philadelphia, Pa. Apparatus for mixing dry and liquid materials and loading into containers. 2,437,216, Mar. 2.
Winnen, Franklyn E.: *See*—
Benjamin, Milton L. and Winnen.
Wisconsin Alumni Research Foundation, assignee: *See*—
Wolf, Frank M.
With, Bror, Skoyen near Oslo, Norway. Nonskid device for shoes. 2,437,143, Mar. 2.
Witter, Lawrie L., assignee: *See*—
Sullivan, John J.
Wolf, Frank M., assignor to Wisconsin Alumni Research Foundation, Madison, Wis. Fluid cooled four-way valve. 2,437,144, Mar. 2.
Wolfson, Henry, London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Cathode-ray tube and visual indicating systems for apparatus including cathode-ray tube. 2,436,847, Mar. 2.
Woodbridge, Joseph Lester, Philadelphia, Pa., assignor to The Electric Storage Battery Company. Nonspill vent for storage batteries. 2,437,145, Mar. 2.
Worthington Pump and Machinery Corporation, assignee: *See*—
Lancaster, John E.
Wright, Edwin Herbert, Farnham Common, England. Projection of stereoscopic images. 2,437,061, Mar. 2.
Wurlitzer Rudolph Company, The, assignee: *See*—
Socin, Francis C.
Wyble, Glen D., Maywood, Calif. Wind screen. 2,437,062, Mar. 2.
Young, Joseph O.: *See*—
Ekin, Hursel L., and Young.
Zeh, Walter, Wolfen, Kreis Bitterfeld, Wilhelm Schneider and Alfred Fröhlich, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Nondiffusing 1-phenyl-5-pyrazolone couplers for color photography. 2,437,063, Mar. 2.
Zeidler, Reinhold C., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Fluid coupling. 2,436,911, Mar. 2.
Zuvers, Howard E., Scotia, N. Y., assignor to General Electric Company. Electrical discharge device employing a pool-type cathode. 2,437,146, Mar. 2.
Zwiebelson, Abraham, Mount Vernon, N. Y. Brassière. 2,437,217, Mar. 2.
Zwoyer, Ellsworth B. A., Perth Amboy, N. J., assignor to Fuel Research Corporation, New York, N. Y. Colloidal mills of the multiple grinding unit type. 2,437,147, Mar. 2.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 2D DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Food product. G. J. Esselen. Re. 22,978, Mar. 2.

Rig, Conveying. W. E. Lambert. Re. 22,979, Mar. 2.

LIST OF PLANT INVENTIONS

Buddleia plant. P. J. Schmidt. 786, Mar. 2.

LIST OF DESIGN INVENTIONS

Atomizer, Portable. H. C. Yaeger. 148,899, Mar. 2.
Bottle. B. Lewis. 148,880, Mar. 2.
Bracelet, Expansible. F. S. Rice. 148,888, Mar. 2.
Bracelet or similar article. A. Katz. 148,865, Mar. 2.
Bracelet or similar article. A. Katz. 148,867, Mar. 2.
Brooch or similar article. N. Barbieri. 148,840, Mar. 2.
Brooch or similar article. B. Glass. 148,849–855, Mar. 2.
Brooch or similar article. A. Katz. 148,864, Mar. 2.
Brooch or similar article. A. Katz. 148,866, Mar. 2.
Brooch or similar article. A. Katz. 148,868, Mar. 2.
Brooch or similar article. A. Katz. 148,872, Mar. 2.
Brooch or similar article, Separable. A. Katz. 148,875–7, Mar. 2.
Coffeepot or the like. E. S. Zeisel. 148,901, Mar. 2.
Dish. A. L. Suman. 148,891, Mar. 2.
Dress. B. Hurwitz. 148,857, Mar. 2.
Dress. J. F. Strassner. 148,890, Mar. 2.
Earring or similar article. A. Katz. 148,869–71, Mar. 2.
Earring or similar article. A. Katz. 148,873–4, Mar. 2.
Earring or similar article. A. Philippe. 148,885, Mar. 2.
Flashlight, Oval pocket. M. J. Kelly. 148,879, Mar. 2.
Game board. H. M. Fisher and M. A. Barnett. 148,847, Mar. 2.
Iron, Electric. J. O. Reinecke. 148,887, Mar. 2.
Jacket. N. Finkelstein. 148,845–6, Mar. 2.
Lamp base. J. A. Post. 148,886, Mar. 2.
Lighter. A. W. Doux. 148,843–4, Mar. 2.
Masking unit for bowling alley pin setters or the like. R. I. Anderson and B. Hoeker. 148,839, Mar. 2.
Medal or similar article. T. H. Jones. 148,861, Mar. 2.
Medal or similar article of manufacture. J. F. Malley and L. Ribera. 148,882, Mar. 2.
Medallion or similar article. T. H. Jones. 148,860, Mar. 2.
Merry-go-round. H. Sebel. 148,889, Mar. 2.
Necklace or similar article. A. Katz. 148,863, Mar. 2.
Necklace or similar article. A. Katz. 148,878, Mar. 2.
Nozzle, Hose. M. Swimmer. 148,892, Mar. 2.
Ornament, Cake. L. D. Bush. 148,841, Mar. 2.
Pedestal. F. Tatar. 148,893, Mar. 2.
Plug, Electric. S. Turk. 148,896, Mar. 2.
Plug, Electrical connection. V. S. Ward and G. K. Hurlbut. 148,897, Mar. 2.
Rack, Earring. P. L. Trenholm. 148,894–5, Mar. 2.
Range, Cooking. E. D. Pellegrin. 148,884, Mar. 2.
Scooter. Z. Gezari. 148,848, Mar. 2.
Shaker, Salt. V. A. Kasin. 148,862, Mar. 2.
Showcase. G. S. Cushman. 148,842, Mar. 2.
Shrine. J. C. Lown. 148,881, Mar. 2.
Stand, Sectional display. N. S. Irwin. 148,859, Mar. 2.
Table, Score. R. I. Anderson and B. Hoeker. 148,838, Mar. 2.
Table, Sectional display. N. S. Irwin. 148,858, Mar. 2.
Teapot or the like. E. S. Zeisel. 148,900, Mar. 2.
Tray for glasses or the like, Serving. W. C. Panzer. 148,883, Mar. 2.
Wallpaper border or similar article. A. Westrate. 148,898, Mar. 2.
Xylophone. E. H. Gruber. 148,856, Mar. 2.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 2D DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Adding machine. B. Cooper. 2,436,790, Mar. 2.
Adjustable hose drier. G. T. Dale. 2,436,856, Mar. 2.
Adjusting means for transmission lines. F. J. Bingley. 2,437,067, Mar. 2.
Aircraft and towing the same, Towed. C. S. Bell. 2,436,988, Mar. 2.
Air or water attachment for dental engines. R. E. Cunningham. 2,437,017, Mar. 2.
Airplane landing gear and emergency release mechanism therefor. G. R. Steinhoff and J. W. Blair. 2,437,135, Mar. 2.
Aligning machinery, Method and apparatus for. R. W. Hunter. 2,436,892, Mar. 2.
Alkylation of hydrocarbons. K. Korpi and A. R. Goldsby. 2,436,965, Mar. 2.
Aluminum connection parts treated with concentrated nitric acid. W. F. Bonwitt. 2,437,220, Mar. 2.
Apparatus for determining the relative differences of speed of two rotary elements. J. Sallés. 2,437,048, Mar. 2.
Apparatus for forming axle bearings. L. J. Lyons. 2,437,107, Mar. 2.
Apparatus for injection molding. J. R. Fisher, Jr. 2,436,993, Mar. 2.
Apparatus for milling. P. H. Fassnacht. 2,436,960, Mar. 2.
Apparatus for mixing dry and liquid materials and loading into containers. J. P. Wilson, H. T. Lewis, Jr., and D. C. Glassford. 2,437,216, Mar. 2.
Apparatus for powder metallurgy. L. D. Richardson. 2,437,127, Mar. 2.
Apparatus for using adhesive tape. G. H. Fritzinger. 2,437,022, Mar. 2.
Applicator and therapeutic device, Medicinal. L. C. Markowitz. 2,436,895, Mar. 2.
Applicator, Pressure plastic. R. G. Ames. 2,436,783, Mar. 2.
Arrangement for producing electric impulses. F. H. Bray. 2,436,787, Mar. 2.
Articles to be marked, Feeding. R. E. J. Nordquist and H. F. Cox, Jr. 2,436,820, Mar. 2.
Attachment of rubber soles to uppers of shoes. J. Hoza. 2,437,030, Mar. 2.
Automatic measurement of length by means of electrical impulses. J. Bergier, A. Eskenazi, and A. Helbronner. 2,436,785, Mar. 2.
Automatic starting switch. L. W. Gilbert. 2,437,023, Mar. 2.
Automatic telephone system having rating independent of routing. J. E. Ostline. 2,437,118, Mar. 2.
Automobile side-window laminated mirror, Vertically pivoted. L. M. Dohanian. 2,437,154, Mar. 2.
Auxiliary bobbin support for use on the shank of a bobbin holder. F. Lambach. 2,437,100, Mar. 2.
Baby carriage with detachable body. S. and N. J. Kroll. 2,437,098, Mar. 2.
Baby feeder. W. M. Sirks. 2,437,133, Mar. 2.
Bag and bag handle construction. N. H. Campbell. 2,437,072, Mar. 2.
Bag and the like, Labeled fabric. C. V. Brady and A. F. Ottinger. 2,437,184, Mar. 2.
Bag feeding machine with bag opening and expanding means. G. Örström. 2,437,117, Mar. 2.
Bag handling machinery. W. Dodge. 2,436,955, Mar. 2.
Bag holder. T. O. Smith. 2,437,233, Mar. 2.
Bags and the like, Making labeled. C. V. Brady and A. F. Ottinger. 2,437,185, Mar. 2.
Bar: *See*—
Bristle tuft and holding bar. Commutator bar.
Baseball game. M. C. Meyer. 2,436,816, Mar. 2.
Bathtub handhold construction. M. M. Schafer. 2,436,903, Mar. 2.
Beacon, Keyed radio. L. A. deRosa. 2,436,796, Mar. 2.
Bedpan system. F. Coffing. 2,436,915, Mar. 2.
Bedstead, Hospital. H. K. Khakiani. 2,437,096, Mar. 2.
Bicycle seat and luggage carrier, Combination. O. A. Dirksen. 2,436,991, Mar. 2.
Bipolar magnetic control record. R. I. Roth. 2,436,829, Mar. 2.
Blower. O. G. Berg. 2,437,183, Mar. 2.
Bookmark. H. E. Chapin. 2,437,074, Mar. 2.
Bowling ball. B. J. Seurynck. 2,436,976, Mar. 2.
Box for eggs, Cardboard. P. E. V. Jacobsen. 2,436,997, Mar. 2.

Brake mechanisms, Electromagnetic. L. S. Burgett. 2,436,880, Mar. 2.
Brassière. A. Zwiebelson. 2,437,217, Mar. 2.
Breathing shoe. S. B. Austin. 2,437,065, Mar. 2.
Bristle tuft and holding bar. N. E. Nielsen and F. G. Stirling. 2,436,934, Mar. 2.
Cable: *See*—
Electrical cable.
Cable clamp. E. E. McKelge. 2,437,111, Mar. 2.
Cable clamp and box, Electric. G. Carlson. 2,437,073, Mar. 2.
Carbon, Production of active. F. K. Signaigo. 2,437,174, Mar. 2.
Carburetor control linkage. H. Nutt. 2,436,897, Mar. 2.
Cargo hook. N. L. Dahlander. 2,436,792, Mar. 2.
Cargo hook. L. H. Darling. 2,436,990, Mar. 2.
Cart, Collapsible shopping. W. B. Howard. 2,437,029, Mar. 2.
Carton, Pouring. J. J. Sullivan. 2,436,981, Mar. 2.
Casket construction. W. E. Wallace. 2,437,141, Mar. 2.
Casting and apparatus therefor. T. O. Theobald. 2,437,177, Mar. 2.
Catalytic conversion process. H. W. Grote. 2,436,922, Mar. 2.
Catalytic process for the synthesis of hydrocarbons and the like from hydrogen and the oxides of carbon. L. P. Gaucher. 2,436,962, Mar. 2.
Catalytic synthesis of hydrocarbons with controlled recycle of carbon dioxide. DuB. Eastman. 2,436,957, Mar. 2.
Cathode-ray tube and visual indicating systems for apparatus including cathode-ray tube. H. Wolfson. 2,436,847, Mar. 2.
Cemented optical element having light absorbing coating. J. D. Reardon and G. E. Guellich. 2,437,126, Mar. 2.
Center frequency stabilized frequency modulated oscillator. K. Rath. 2,436,871, Mar. 2.
Centrifugal pump. J. F. Leach. 2,437,103, Mar. 2.
Cereal, Compressed. I. A. Berg. 2,437,150, Mar. 2.
Chain: *See*—
Tire chain.
Channel identifying system. A. G. Richardson, M. Dishal, and J. S. LeGrand. 2,436,827, Mar. 2.
Charging an electrical condenser, Method and apparatus for. J. W. Dawson. 2,436,794, Mar. 2.
Chocks for aircraft and other vehicles. M. J. Madison. 2,437,108, Mar. 2.
Chuck. M. L. Benjamin and F. E. Winnen. 2,436,848, Mar. 2.
Chuck, Drill. J. Donahue. 2,436,881, Mar. 2.
Circuit: *See*—
Electric control circuit.
Circuits, Timing. C. E. Smith. 2,436,872, Mar. 2.
Circular cutter. P. E. Rivest. 2,436,899, Mar. 2.
Clamp: *See*—
Cable clamp. Toggle clamp.
Clamping device. F. W. Kuppersmith. 2,437,200, Mar. 2.
Clock-controlled switch. T. Svoboda. 2,436,906, Mar. 2.
Clutch: *See*—
Overload release clutch.
Clutch. P. A. Noxon. 2,437,207, Mar. 2.
Clutch actuating mechanism. K. Miller. 2,436,817, Mar. 2.
Clutch and brake, Combined. W. F. Longfield. 2,436,968, Mar. 2.
Coat, Sportsman's. C. H. Dutrow. 2,437,223, Mar. 2.
Coated welding rod. J. D. Fast. 2,436,884, Mar. 2.
Coffee brewing apparatus. R. E. Ballerino and R. F. Ashdown. 2,436,784, Mar. 2.
Colloidal mills of the multiple grinding unit type. E. B. A. Zwoyer. 2,437,147, Mar. 2.
Colostomy receptacle. S. Elch. 2,437,019, Mar. 2.
Commutator bar. C. J. Werner. 2,436,910, Mar. 2.
Compact. R. F. Parker. 2,437,120, Mar. 2.
Composite titanium dioxide-metal oxide. A. Pechukas. 2,437,171, Mar. 2.
Compressor. J. J. Corey. 2,436,854, Mar. 2.
Condensation products of quinones with active ethylene compounds. M. D. Gates, Jr. 2,437,087, Mar. 2.
Connecter: *See*—
Detachable electrical connector. Electrical connector.
Connecting device and making the same. E. V. Soreny. 2,436,832, Mar. 2.

Connector: *See*—
Detachable electrical connector. Electrical connector.
Connector for shower bath receptors, Drain. B. F. Birdwell. 2,437,068, Mar. 2.
Connector with floatable means, Swivel electrical. A. E. Anderson. 2,436,949, Mar. 2.
Consistometer. B. S. Harrington. 2,437,194, Mar. 2.
Container. F. R. Curtiss. 2,437,079, Mar. 2.
Container. G. A. Moore. 2,437,114, Mar. 2.
Container and terminal for electrical devices. W. Dubilier. 2,436,857, Mar. 2.
Container for air transportation of fluids, Collapsible. H. F. Waters. 2,437,058, Mar. 2.
Control circuit for gas discharge. P. W. Stutsman. 2,436,835, Mar. 2.
Control for pressure operated switches. E. J. Frank and C. S. Keller. 2,437,086, Mar. 2.
Conveying and screening machine, Material. R. B. Dennis. 2,436,795, Mar. 2.
Cooker-cooler drive, Continuous. E. Bourland. 2,436,913, Mar. 2.
Cooling by evaporation, Method and apparatus for. A. N. Frick. 2,437,156, Mar. 2.
Copolymers of styrene and a beta-cyanoacrylate. D. T. Mowry. 2,437,231, Mar. 2.
Cosmetic preparations. S. Musher. 2,436,818, Mar. 2.
Coupling: *See*—
Fluid coupling. Pipe coupling.
Coupling and bearing, Magnetic. H. L. Schug. 2,436,939, Mar. 2.
Coupling arrangement for use in wave transmission systems. D. H. Ring. 2,436,828, Mar. 2.
Course modifying system. S. B. Pickles. 2,436,823, Mar. 2.
Covering on ships, Wooden deck. G. Kähr. 2,437,095, Mar. 2.
Crutch. J. H. Clemens. 2,437,076, Mar. 2.
Curtain rod or similar article. G. M. Kenney and J. F. Cavanagh. 2,436,811, Mar. 2.
Curve distortion of alternating currents, Method and apparatus for. P. Bricout. 2,436,788, Mar. 2.
Cutter: *See*—
Circular cutter.
Cutter for trees, Underground. W. O. Taylor. 2,437,176, Mar. 2.
Cycle or like locking mechanism. A. Milwain. 2,437,112, Mar. 2.
Decorating apparatus. W. H. Emerson. 2,437,224, Mar. 2.
Dehydration process. R. Johnson. 2,436,864, Mar. 2.
Delayed action electric switch. P. A. and W. R. Nelson. 2,437,037, Mar. 2.
Demethylation of hydrocarbons in presence of water. V. Haensel. 2,436,923, Mar. 2.
Derivatives of 3-oxo-4-hydroxy-thiophan and process for the manufacture thereof. P. Karrer. 2,436,865, Mar. 2.
Detachable electrical connector. E. W. Breisch. 2,436,914, Mar. 2.
Device for discriminating between fixed and moving objects. R. E. Rutherford. 2,437,173, Mar. 2.
Device for simultaneously filling and weighing bags. E. W. Vredenburg. 2,436,983, Mar. 2.
Dial lock. H. E. Goldstine and O. F. Voigt. 2,436,921, Mar. 2.
Dielectric composition comprising polychloroprene, wax, age resistor, and antioxidant. L. P. Gould and J. W. Whiteside. 2,436,885, Mar. 2.
Dipping machine. L. E. Maquat. 2,437,109, Mar. 2.
Dodecylamine salt of 2-mercaptobenzothiazole and making the same. A. Minich. 2,437,170, Mar. 2.
Double reversible film developing hanger. E. S. Edelhart. 2,436,882, Mar. 2.
Drainage system for stables. W. W. Riebli. 2,437,210, Mar. 2.
Drier: *See*—
Adjustable hose drier.
Drill press. R. M. Jones. 2,436,964, Mar. 2.
Drive control mechanism for motor vehicles and detent device therefor. A. W. Bonham, Jr. 2,436,912, Mar. 2.
Driving bushing, Sealed. W. M. Howser. 2,436,996, Mar. 2.
Dryer: *See*—
Adjustable hose drier.
Ear protector. R. H. Salisbury and E. M. Oehser. 2,437,049, Mar. 2.
Electric combination lock. A. E. Joel, Jr. 2,436,809, Mar. 2.
Electric condenser and making the same. F. D. Schottland. 2,437,212, Mar. 2.
Electric control circuit. G. Belfils. 2,437,066, Mar. 2.
Electric control system. E. H. Haug. 2,436,803, Mar. 2.
Electric current interrupter. S. O. Fiedler and J. Bjorksten. 2,437,225, Mar. 2.
Electric soldering apparatus. H. J. Braner. 2,437,151, Mar. 2.
Electrical cable. A. L. Wilson. 2,436,984, Mar. 2.
Electrical connector. E. J. Allen. 2,437,180, Mar. 2.
Electrical discharge device employing a pool-type cathode. H. E. Zuvers. 2,437,146, Mar. 2.
Electrical follow-up system. E. J. Isbister. 2,436,807, Mar. 2.
Electrical indicating apparatus and circuit closer therefor. J. L. Dodson. 2,437,018, Mar. 2.
Electrical soldering device with attachment. U. N. Hensley. 2,436,887, Mar. 2.
Electrode assembly for moisture meters. A. L. Smith. 2,437,134, Mar. 2.
Electronic counting chain with decimal indicators. I. E. Grosdoff. 2,436,963, Mar. 2.
Electronic motor control circuits. G. A. Waldie. 2,437,140, Mar. 2.
Electronic system for differentiating voltage waveforms. W. A. Higinbotham. 2,436,891, Mar. 2.
Enamel, Superopaque. H. D. Prior. 2,436,825, Mar. 2.
Engine: *See*—
Internal-combustion engine.
Ether-esters of organic hydroxy diphenyl acetic acid and manufacture of same. A. L. Morrison and M. Königstein. 2,437,035, Mar. 2.
Exercising apparatus. P. A. Bailleaux. 2,436,987, Mar. 2.
Fairlead for cables, ropes, and the like. E. B. Magee. 2,436,894, Mar. 2.
Fastener for tying elements. A. A. Ohler. 2,436,935, Mar. 2.
Feeder: *See*—
Baby feeder. Lehr feeder.
Feeding and gauging mechanism. R. E. J. Nordquist. 2,436,821, Mar. 2.
Feeding device for multiple blade bread slicing machines. C. H. Petskyes. 2,437,124, Mar. 2.
Ferrous metal supported zinc oxide-bismuth oxide catalyst. V. F. Mistretta. 2,436,970, Mar. 2.
Filler, Valve bag. W. R. Peterson. 2,437,172, Mar. 2.
Filling machine. C. E. Kerr. 2,436,812, Mar. 2.
Filter media, Wash resistant. H. L. Davis and L. R. B. Hervey. 2,437,082, Mar. 2.
Fish dressing machine. P. Danielsson. 2,437,081, Mar. 2.
Fixture, Gear grinding. J. D. Rovick. 2,436,902, Mar. 2.
Flatiron, Electric. L. H. Snyder. 2,436,943, Mar. 2.
Flexible connecting rod. F. L. Van Weenen and W. H. Stigter. 2,436,908, Mar. 2.
Fluid cooled four-way valve. F. M. Wolf. 2,437,144, Mar. 2.
Fluid coupling. R. C. Zeidler. 2,436,911, Mar. 2.
Fluid drive for motorcycles. F. C. Lawson. 2,436,893, Mar. 2.
Fluid operable short stroke device. V. S. Shaw. 2,437,131, Mar. 2.
Fly sprays comprising an N-alkyl-cinnamide and D D T. S. I. Gertler and H. L. J. Haller. 2,436,920, Mar. 2.
Fly sprays comprising an N-alkylphthalimide and D D T. S. I. Gertler and H. L. J. Haller. 2,436,919, Mar. 2.
Folding electric clothes presser, Portable. S. Kronhaus. 2,436,998, Mar. 2.
Food product and producing same. R. Lee. 2,437,104, Mar. 2.
Foot leveler. C. H. Stemmons. 2,437,136, Mar. 2.
Forming and shearing device. E. M. Hunt. 2,436,806, Mar. 2.
Fractionation of lacteal liquids. F. K. Daniel. 2,437,080, Mar. 2.
Friction clutch. C. B. Spase. 2,436,874, Mar. 2.
Friction shock absorber for railway draft riggings. G. E. Dath. 2,436,917, Mar. 2.
Fuel injection pump. D. J. Deschamps, D. C. Clarke and F. E. Ferguson. 2,436,797, Mar. 2.
Fuel, Producing motor. W. G. Scharmann and F. T. Barr. 2,436,938, Mar. 2.
Fuel tank gage. W. McCandless. 2,437,203, Mar. 2.
Fulcrum for lever mechanisms, Adjustable. F. B. Copeland. 2,436,916, Mar. 2.
Fuse for antitank mines. J. B. Traylor. 2,436,837, Mar. 2.
Gage: *See*—
Fuel tank gage. Pivoted jaw gage.
Gamma globulins from human blood serum, Recovering. J. W. Williams and H. F. Deutsch. 2,437,060, Mar. 2.
Gas turboelectric locomotive. H. Weier. 2,437,011, Mar. 2.
Gauge: *See*—
Fuel tank gage. Pivoted jaw gage.
Gear mechanism. J. Dunlop. 2,436,798, Mar. 2.
Gear shifting mechanism for grain drills or the like. W. A. Hyland. 2,437,094, Mar. 2.
Generator: *See*—
Modulated saw-tooth sweep generator.
Getter structure. A. J. King. 2,437,097, Mar. 2.
Glass beads, Forming. S. W. Neldorf. 2,436,819, Mar. 2.
Glide path system for aircraft. H. P. Williams. 2,436,846, Mar. 2.
Glyceride oil refining with foots softening agent. B. Clayton. 2,437,075, Mar. 2.
Gopher trap. J. M. Abeel. 2,436,985, Mar. 2.
Grating and making the same. T. Collins. 2,437,186, Mar. 2.
Green peas, Treatment of. M. E. Dunkley. 2,437,155, Mar. 2.
Grenade, Hand. T. Petersén. 2,437,001, Mar. 2.
Grinding or like machines. H. Livingstone and W. E. Rogers. 2,437,106, Mar. 2.
Guard, Shoe cleaning. H. Cronin. 2,436,953, Mar. 2.
Gun barrel lock. C. G. Swebilius. 2,437,137, Mar. 2.
Gyroscopic flight indicating instrument. T. O. Summers, Jr. 2,437,175, Mar. 2.

Hammer, Dental and surgical. W. A. Arnesen, B. Hertweck, and S. W. Doty. 2,437,014, Mar. 2.
Handle and closure means for handbags, Combination. L. Krupp. 2,437,099, Mar. 2.
Hanger: *See*—
Double reversible film developing hanger.
Harvester, Celery. W. C. Silva. 2,436,831, Mar. 2.
Haying machine. P. M. Thorns. 2,437,007, Mar. 2.
Heat detection device. J. Evans. 2,437,085, Mar. 2.
Heat sealing method. H. F. Waters. 2,437,057, Mar. 2.
Heated cathode, Indirectly. R. E. Trimble. 2,436,907, Mar. 2.
Helicopter lifting screw operating mechanism. A. A. Locke. 2,437,165, Mar. 2.
High density beam tube. K. Spangenberg, L. M. Field, and R. Helm. 2,436,833, Mar. 2.
High dielectric composition and making same. E. Wainer. 2,436,839, Mar. 2.
Hinge. J. J. Glanz. 2,437,192, Mar. 2.
Holder: *See*—
Bag holder.
Hook: *See*—
Cargo hook.
Hydraulic circuit for halting reciprocable rams. L. C. Cole. 2,437,077, Mar. 2.
Hydraulic control system for pump control, Mechanically actuated. J. A. Muller and W. R. Tucker. 2,437,115, Mar. 2.
Hydraulic hoist system. G. A. Kane. 2,437,161, Mar. 2.
Hydraulic speed control apparatus. W. R. Tucker. 2,437,139, Mar. 2.
Hydrocarbon concentration in soil samples, Determination of. E. E. Roper. 2,437,045, Mar. 2.
Hydrocarbon conversion process. J. A. Crowley, Jr., and O. G. Hayes. 2,437,222, Mar. 2.
Hydrogenation of carbon monoxide. E. E. Sensel and R. A. Beck. 2,437,051, Mar. 2.
Ignition system. B. H. Short. 2,436,905, Mar. 2.
Illuminated sign. A. R. Warner. 2,437,009, Mar. 2.
Illuminating device. J. D. Hamilton. 2,436,995, Mar. 2.
Implement, Ground working. M. L. Williams. 2,437,059, Mar. 2.
Index device. R. B. Larter. 2,437,102, Mar. 2.
Indicator: *See*—
Match draw indicator.
Inflatable orthopedic shoulder pad. L. S. Tatal. 2,437,054, Mar. 2.
Inhaler. J. B. Biederman. 2,436,877–8, Mar. 2.
Injection molding machine spreader. N. Lester. 2,436,869, Mar. 2.
Ink, Printing. R. A. Denton. 2,436,954, Mar. 2.
Ink, Typographic. F. W. Cray. 2,436,791, Mar. 2.
Instrument chart plate support, Measuring. C. B. Moore. 2,436,971, Mar. 2.
Insulating material containing cyclized rubber, a polyolefine, and polystyrene. A. J. Warner and M. Bakst. 2,436,842, Mar. 2.
Integrator. A. Wharton. 2,437,178, Mar. 2.
Internal-combustion engine. F. J. Culbert. 2,436,855, Mar. 2.
Invalid pad. W. T. Simpson. 2,437,006, Mar. 2.
Isomerization of saturated hydrocarbons. R. E. Sutherland. 2,436,944, Mar. 2.
Jack: *See*—
Lifting jack.
Kite. W. A. Nowka. 2,437,038, Mar. 2.
Knitting machine. F. M. Shea. 2,436,904, Mar. 2.
Knurling tool. H. Boyar. 2,436,950, Mar. 2.
Knurling tool. A. R. Ross. 2,436,975, Mar. 2.
Laundry bag provided with identifying legends, Compartmented. H. F. Baxter. 2,437,149, Mar. 2.
Lehr feeder. A. F. Tremblay. 2,437,214, Mar. 2.
Level control device, Different density fuel. L. V. McCarty. 2,436,933, Mar. 2.
Lifting jack. C. A. Crane. 2,437,078, Mar. 2.
Lighter, Electric fuse. A. M. Cohan. 2,437,153, Mar. 2.
Loader, Pneumatic grain. F. H. Theis. 2,437,138, Mar. 2.
Loader, Shovel. G. W. Way. 2,437,010, Mar. 2.
Lock: *See*—
Dial lock.
Gun barrel lock.
Electric combination lock.
Lock with rotating tumbler discs, Combination. V. J. M. Eras. 2,436,859, Mar. 2.
Locker, Food. H. E. Wheeler and D. A. Forberg. 2,437,215, Mar. 2.
Locking containers on vehicles. R. A. Norbom. 2,436,972, Mar. 2.
Loom creel and adjusting means therefor, Portable. L. E. Bryant. 2,437,070, Mar. 2.
Lubricating device, Twister ring. D. K. Pope. 2,437,208, Mar. 2.
Luminescent tube system and apparatus. J. H. Bridges. 2,436,951, Mar. 2.
Machine for cutting holes in pipes and similar articles. H. Hatten. 2,437,025, Mar. 2.
Machine for molding concrete units. A. E. Ruegg. 2,437,003, Mar. 2.
Machine for setting up box blanks. H. W. Gregoire. 2,437,157, Mar. 2.
Magnetic frequency changer. H. M. Huge. 2,437,093, Mar. 2.
Magnetic inspection apparatus. T. De Forest. 2,436,918, Mar. 2.
Magnetic retaining means for can lids and the like. J. Webb. 2,437,234, Mar. 2.
Mailbox. C. F. Swanson. 2,437,053, Mar. 2.
Map, Global. I. Fisher. 2,436,860, Mar. 2.
Massaging device, Nonvibratory. A. R. Marty. 2,436,969, Mar. 2.
Match draw indicator. A. R. Lovelock. 2,437,167, Mar. 2.
Material projecting apparatus. R. A. Prosser and A. S. Nichols. 2,437,042, Mar. 2.
Measuring apparatus in combination with a twisting machine, Length. E. J. Larsen and O. G. Nelson. 2,437,101, Mar. 2.
Mechanism for machine guns, Shell ejecting. F. I. Rataiczak. 2,436,937, Mar. 2.
Metal stretching press. A. M. Greene, Jr., and W. Ernst. 2,437,092, Mar. 2.
Meter: *See*—
Photographic exposure meter.
Microphone assembly. G. M. Giannini. 2,437,088, Mar. 2.
Modulated saw-tooth sweep generator. W. A. Higinbotham. 2,436,890, Mar. 2.
Modulation, Phase. L. Rubin. 2,437,047, Mar. 2.
Modulation, Phase and frequency. E. K. Stodola. 2,436,834, Mar. 2.
Modulation utilizing a cathode follower, System of. J. M. Giessner. 2,436,802, Mar. 2.
Motor: *See*—
Shaded-pole synchronous motor.
Synchronous electric clock motor.
Motor control, Two-phase. J. H. Andresen, Jr. 2,437,064, Mar. 2.
Motor reducer unit. A. Mackmann. 2,436,930, Mar. 2.
Mount for gun sights. H. A. Williams. 2,436,948, Mar. 2.
Mounting: *See*—
Rotary valve mounting.
Yieldable bogie spring mounting.
Multiple blade bread slicing machines, Blade mounting. C. H. Petskeyes. 2,437,123, Mar. 2.
Multiple reciprocating blade bread slicing machines, Knife frame attaching. C. H. Petskeyes. 2,437,122, Mar. 2.
Multivibrator. B. B. Jacobsen and M. M. Levy. 2,436,808, Mar. 2.
Nondiffusing 1-phenyl-5-pyrazolone couplers for color photography. W. Zeb, K. Bitterfeld, W. Schneider, and A. Fröhlich. 2,437,063, Mar. 2.
Nonskid device for shoes. B. With. 2,437,143, Mar. 2.
Nonskid device for tires. G. T. Prevost and J. M. Downes. 2,437,040, Mar. 2.
Nonspill vent for storage batteries. J. L. Woodbridge. 2,437,145, Mar. 2.
Nut-assembling machine. K. Eisele. 2,436,858, Mar. 2.
Oil filter screen. G. van Doehren. 2,437,008, Mar. 2.
Oil, Hydrocarbon fuel. W. A. Proell. 2,437,041, Mar. 2.
Oil pan and internal engine cleaner, Combination. A. Adams. 2,437,013, Mar. 2.
Olefinic hydrocarbons, Recovery of. R. C. Morris and T. W. Evans. 2,437,230, Mar. 2.
Ortho-tolidine tablet composition. J. L. Leitch. 2,436,814, Mar. 2.
Outrigger type support. L. P. Frost. 2,436,799, Mar. 2.
Overload release clutch. P. L. A. Vergne. 2,436,947, Mar. 2.
Package. M. T. Marler. 2,437,110, Mar. 2.
Packaging machinery. J. A. Kay. 2,437,198, Mar. 2.
Packing, Piston. A. J. Mummert and H. P. Phillips. 2,436,896, Mar. 2.
Pad: *See*—
Inflatable orthopedic shoulder pad.
Invalid pad.
Painter's accessory. E. F. Hansen. 2,436,924, Mar. 2.
Paraffin dislodging tool. A. W. Hanke. 2,437,193, Mar. 2.
Patch for garment pockets, Repair. L. F. Buck. 2,436,879, Mar. 2.
Perforator, Practical paper. J. Gasio. 2,436,801, Mar. 2.
Peripheral drain means for laundry machines. E. A. Wheeler. 2,437,179, Mar. 2.
Phonograph pickup, Capacity-type. F. B. Tatro. 2,436,946, Mar. 2.
Photographic exposure meter. J. A. Legris. 2,436,966, Mar. 2.
Photo-printing apparatus. N. B. Mears. 2,437,229, Mar. 2.
Piano action. F. C. Socin. 2,436,875, Mar. 2.
Piezo crystal plates, Mounting. H. M. Bach. 2,437,218, Mar. 2.
Pile-driving mandrel, Collapsible. E. W. Riemenschneider and D. T. Greth. 2,437,043, Mar. 2.
Pillow filling machine with suction creating means. D. Huttner and R. S. Kramer. 2,437,196, Mar. 2.
Pintle porting. G. M. Geiger and W. Ernst. 2,437,089, Mar. 2.
Pipe coupling. E. M. Dons and J. V. Stevens. 2,437,083, Mar. 2.
Piston construction. J. C. Vroman. 2,437,056, Mar. 2.
Pivoted jaw gage. P. W. Johnson. 2,437,160, Mar. 2.

Power installation, Sea wave. P. F. Danel. 2,436,793, Mar. 2.
Pressure operated valve. W. O. Lum. 2,436,815, Mar. 2.
Plank, Spring. R. Leppla. 2,437,033, Mar. 2.
Plastic injection, Method and apparatus for. H. F. MacMillin, W. Ernst, and G. A. Waldie. 2,436,999, Mar. 2.
Pleat holding or clamping device. S. Esecson. 2,437,084, Mar. 2.
Plow, Snow. P. H. Oppegaard. 2,437,116, Mar. 2.
Plug: *See*—
Spark plug.
Plunger switch. E. W. Rickmeyer. 2,436,898, Mar. 2.
Polishing machine. G. H. Meinzer. 2,437,034, Mar. 2.
Polymerization of acrylic acid nitriles. R. A. Jacobson, 2,436,926, Mar. 2.
Polymerization of olefinic hydrocarbons. C. B. Linn. 2,436,929, Mar. 2.
Polymerization of sugars. G. J. Leuck. 2,436,967, Mar. 2.
Poppet valves, Method of and apparatus for making. R. A. Kempe. 2,436,928, Mar. 2.
Posting board, Information. W. Thorpe. 2,436,836, Mar. 2.
Potassium stannate, Preparing. H. W. Richter. 2,436,974, Mar. 2.
Potassium sulphate manufacture. J. A. Barr and W. A. Smith. 2,437,182, Mar. 2.
Preparation of chlorine. E. V. Murphree. 2,436,870, Mar. 2.
Preparation of fluorine hydrocarbon compounds. A. L. Barney. 2,437,148, Mar. 2.
Press: *See*—
Drill press.
Metal press.
Press having slidable platen supports provided with clamping faces, Metal-stretching. R. J. Lindsey. 2,437,105, Mar. 2.
Prevention of afterburning in fluidized catalytic cracking processes. L. S. Kassel. 2,436,927, Mar. 2.
Primer. E. D. Regad and A. T. Anderson. 2,436,826, Mar. 2.
Production of polycyclic hydrocarbons. W. J. Mattox. 2,436,932, Mar. 2.
Production of print pictures on print bodies. E. H. Schwarz. 2,437,005, Mar. 2.
Projection of stereoscopic images. E. H. Wright. 2,437,061, Mar. 2.
Protective apparatus for preventing accumulation of ice on airfoils. E. E. Heston. 2,436,889, Mar. 2.
Protector: *See*—
Ear protector.
Protector for nursing mothers. M. M. Stevens. 2,436,977, Mar. 2.
Pump: *See*—
Centrifugal pump.
Fuel injection pump.
Rack fastening for free-piston units. R. J. Hooker. 2,437,026, Mar. 2.
Radio antenna. C. B. Watts, Jr., and L. Himmel. 2,436,843, Mar. 2.
Radio indicating system. R. B. Hoffman. 2,436,805, Mar. 2.
Radio paging for vehicles. R. K. Potter. 2,436,824, Mar. 2.
Radius-angle former. I. Sneva. 2,436,873, Mar. 2.
Ravioli machine. S. Marino. 2,437,202, Mar. 2.
Receptacle: *See*—
Colostomy receptacle.
Remote indicating compass. A. T. Sinks. 2,437,132, Mar. 2.
Resilient wheel. H. A. Wells. 2,436,844, Mar. 2.
Reticle. N. B. Mears and H. T. Holsapple. 2,437,228, Mar. 2.
Recovering organic compounds. J. S. Hill. 2,436,804, Mar. 2.
Reel. H. Greisman. 2,436,761, Mar. 2.
Refrigerating apparatus and method, Two temperature absorption. O. B. Sutton. 2,436,945, Mar. 2.
Regenerating anodizing baths. J. Schulein. 2,436,940, Mar. 2.
Regulating apparatus, Electric. E. H. Haug and F. A. Hansen. 2,436,925, Mar. 2.
Regulating device, Fluid. C. O. J. Montelius. 2,437,113, Mar. 2.
Reinforcing cord and manufacture. G. P. Standley and K. M. McLellan. 2,436,978, Mar. 2.
Removal of traces of water from mixtures of hydrogen chloride with low-boiling hydrocarbons. P. L. Roberts. 2,436,900, Mar. 2.
Respiration apparatus. E. D. Coleman. 2,436,853, Mar. 2.
Ring grinding machine. J. H. Riedling. 2,437,002, Mar. 2.
Rocket. C. D., A. J., and C. Schermuly. 2,437,211, Mar. 2.
Rod: *See*—
Coated welding rod.
Welding rod.
Flexible connecting rod.
Rod guide, Sucker. J. W. Gillespie. 2,436,994, Mar. 2.
Roller, Dampening. A. C. Schuls. 2,437,050, Mar. 2.
Roof for tanks, Floating. F. L. Plummer. 2,437,125, Mar. 2.
Rotary cathead. J. H. Schreiber. 2,437,129, Mar. 2.
Rotary sliding vane pump structure. A. L. Stamsvik. 2,436,876, Mar. 2.
Rotary valve mounting. E. G. Baker. 2,437,181, Mar. 2.
Sanding or rubbing machine. A. C. Burleigh. 2,437,152, Mar. 2.
Scaffold or staging, Adjustable. F. J. Hiers. 2,436,862, Mar. 2.
Scaffold, Swinging. R. J. Lackner. 2,436,813, Mar. 2.
Scaling during the forging of hollow metal articles, Preventing. W. J. Marencik. 2,436,931, Mar. 2.
Screen: *See*—
Oil filter screen.
Wind screen.
Seal and handle, Bag. C. J. Thompson. 2,437,055, Mar. 2.
Seal for floating roof tanks. E. E. Shanor. 2,436,942, Mar. 2.
Seal, Mechanical. J. E. Lancaster. 2,436,866, Mar. 2.
Seat construction, Spring. S. Overby and C. S. Viall, Sr. 2,437,119, Mar. 2.
Seat for use in aircraft. P. Kirk. 2,437,199, Mar. 2.
Sewing machine, Lockstitch. G. J. Barbati. 2,436,782, Mar. 2.
Shaded-pole synchronous motor. A. F. Welch and J. R. Enochs. 2,437,142, Mar. 2.
Sharpener, Knife. G. M. Jones. 2,436,810, Mar. 2.
Shock absorber, Hydraulic. E. F. Rossman. 2,436,901, Mar. 2.
Shock absorbing device. E. P. Neher. 2,437,206, Mar. 2.
Shoe sole, Cushioned. M. Hall. 2,437,227, Mar. 2.
Shoe tree. W. F. Horsting. 2,437,028, Mar. 2.
Sign: *See*—
Illuminated sign.
Slack adjuster, Air brake. E. L. Bowen. 2,436,850, Mar. 2.
Slicer with swinging plural spaced knives, Food. C. E. Turnquist. 2,436,982, Mar. 2.
Smoke detector, Multiple. C. N. Cahusac and F. B. Allen. 2,437,071, Mar. 2.
Smoker's stand. L. Fischer. 2,437,226, Mar. 2.
Snowplow. L. DuPras. 2,436,956, Mar. 2.
Solenoid with plunger. W. Ernst. 2,436,992, Mar. 2.
Spark gap, Coaxial. E. M. Wiler. 2,436,845, Mar. 2.
Spark plug. L. H. Middleton and D. H. Stoltenberg. 2,437,205, Mar. 2.
Spark plug. M. Pereles. 2,436,973, Mar. 2.
Spark plugs, Making. H. Rabezzana. 2,437,209, Mar. 2.
Stabilization of polyesters. D. A. Rothrock, Jr., and R. F. Conyne. 2,437,046, Mar. 2.
Stabilization of polyesters from dihydric alcohols and both saturated and unsaturated dicarboxylic acids. D. A. Rothrock, Jr., and R. F. Conyne. 2,437,232, Mar. 2.
Stabilization of tetraalkyl lead and compositions containing the same. H. Von Bramer and A. C. Ruggles. 2,436,838, Mar. 2.
Stabilizer for alternating-current line regulators. P. H. Odessey. 2,436,822, Mar. 2.
Staked type shunt connection for carbon brushes. R. Carmichael and A. W. Seidler. 2,436,852, Mar. 2.
Stanchion, Adjustable. L. V. Fryzel and R. Frohner. 2,436,800, Mar. 2.
Stand: *See*—
Smoker's stand.
Staple driving implement. R. E. Peterson and H. M. Larsen. 2,437,039, Mar. 2.
Starch from cereal grains, Production of. H. K. Munrer and W. A. Mitchell. 2,437,036, Mar. 2.
Starting control mechanism for internal-combustion engines. H. E. Petersen. 2,437,121, Mar. 2.
Steam head for drier drums. W. J. Rutledge. 2,437,004, Mar. 2.
Stocking, Circular knitted. A. L. Hunt. 2,437,195, Mar. 2.
Strut, Shock. F. E. Bachman. 2,437,219, Mar. 2.
Sulfur compounds and manufacture thereof, Bicyclic. A. Businger. 2,436,851, Mar. 2.
Sulfuric acid fortification in isoparaffin alkylation. A. R. Goldsby and C. W. Watson. 2,437,091, Mar. 2.
Sulfuric acid polymerization of diorganosiloxanes. R. R. McGregor and E. L. Warrick. 2,437,204, Mar. 2.
Sun shade and reflector for cameras, Combined. E. J. Herbert. 2,437,159, Mar. 2.
Support: *See*—
Outrigger type support.
Supporting step. R. J. White. 2,437,012, Mar. 2.
Suspended horse. W. Baltz. 2,437,015, Mar. 2.
Switch: *See*—
Automatic starting switch.
Plunger switch.
Clock-controlled switch.
Thermostatic switch
Delayed action electric switch.
Time delay switch.
Switch. I. W. Eisenberg. 2,436,958, Mar. 2.
Switch mounting for telecommunication systems, Selector. O. J. J. Bracke. 2,436,786, Mar. 2.
Synchronous electric clock motor. F. J. and R. P. Landgraf. 2,437,201, Mar. 2.
Table for vehicles. W. M. Keller. 2,437,162, Mar. 2.
Tanning with chromiates of lignin sulfonic acids. E. A. Robinson and R. M. Beach. 2,437,044, Mar. 2.
Temperature stable dielectric and making same. E. Wainer. 2,436,840, Mar. 2.
Testing method for polystyrene. A. J. Warner. 2,436,841, Mar. 2.
Therapeutic apparatus. H. E. Christensen. 2,437,016, Mar. 2.
Thermostatic switch. C. J. Werner. 2,436,909, Mar. 2.
Thread-controller for sewing machines. E. P. Spaine. 2,437,052, Mar. 2.

Time-delay switch. C. B. Ivester. 2,437,197, Mar. 2.
Time division multiplex communication system. J. H. Homrighous. 2,437,027, Mar. 2.
Timing apparatus. L. A. Marlhart. 2,437,168, Mar. 2.
Tin from stannic chloride, Recovering. Y. E. Lebedeff. 2,436,868, Mar. 2.
Tire chain. P. A. Jasmer. 2,437,031, Mar. 2.
Tire cord and manufacture. G. P. Standley and K. M. McLellan. 2,436,979–80, Mar. 2.
Titanium ores, Processing of. E. N. Kramer. 2,437,164, Mar. 2.
Toggle clamp. J. J. Sendoykas. 2,436,941, Mar. 2.
Tonsillectome. O. C. Daniels, Sr. 2,436,989, Mar. 2.
Tool: *See*—
Knurling tool. Paraffin dislodging tool.
Tool attachment, Machine. E. L. Conkey. 2,437,952, Mar. 2.
Tool for food tendering machines, Cleaning. O. Brownsey. 2,437,069, Mar. 2.
Tool for hollow rivets, Upsetting. R. H. Gill. 2,437,191, Mar. 2.
Toy, Educational. I. Gold. 2,437,090, Mar. 2.
Toy ferris wheel. C. McBride. 2,437,000, Mar. 2.
Toy, Sound producing. J. P. Gowland. 2,436,886, Mar. 2.
Tracer, Manually controlled. H. W. Gale. 2,437,190, Mar. 2.
Transformer with regulatable leakage reactance. E. Fries. 2,437,021, Mar. 2.
Transmission system and method. W. M. Sharpless. 2,436,830, Mar. 2.
Transporting means, Vehicle. H. L. Ekin and J. O. Young. 2,436,959, Mar. 2.
Trap: *See*—
Gopher trap.
Trap. C. J. Ford. 2,437,020, Mar. 2.
Trap for filter provided with magnetic means, Sediment. P. G. Cox and H. A. Hansen. 2,437,221, Mar. 2.
Trolley pole positioning means. J. J. Slomer. 2,437,213, Mar. 2.
Tube: *See*—
High density beam tube.
Ultra high frequency electric discharge device. W. J. Scott and C. J. Milner. 2,437,130, Mar. 2.
Unit for variable pitch propellers, Self-contained. A. G. Forsyth. 2,437,189, Mar. 2.
Unit strips, Making. A. L. Hess and H. G. Denyven. 2,436,888, Mar. 2.
Valve: *See*—
Fluid cooled four-way valve. Pressure operated valve.
Valve arrangement for halting reversible rams to prevent over-stroking thereof. B. D. Ashbaugh. 2,436,986, Mar. 4.
Valve for aircraft cooling systems. J. E. Eshbaugh. 2,437,187, Mar. 2.
Valve safety shutoff, Gas. E. R. Koppel. 2,437,163, Mar. 2.
Variable field range and view finder. E. K. Kaprelian. 2,437,032, Mar. 2.
Variable pitch propeller unit, Self-contained. A. G. Forsyth. 2,437,188, Mar. 2.
Variable speed drive. H. E. Page. 2,436,936, Mar. 2.
Variable-speed transmission. W. K. Rieber. 2,437,128, Mar. 2.
Vehicle step, Retractable. C. K. Gabriel. 2,436,961, Mar. 2.
Volume control. E. G. Lodge. 2,437,166, Mar. 2.
Wash resistant filter media. H. L. Davis and L. R. B. Hervey. 2,437,082, Mar. 2.
Washing machine with divided container and axial inlet. A. Miller. 2,437,169, Mar. 2.
Washing machine with pivotally supported outer and inner shells and power means on the outer shell for rotating the inner shell. H. C. Ellis. 2,436,883, Mar. 2.
Welding apparatus. S. M. Humphrey. 2,436,863, Mar. 2.
Welding rod. R. K. Lee. 2,436,867, Mar. 2.
Wheel: *See*—
Resilient wheel. Toy ferris wheel.
Whistle. R. Y. Grant, Jr. 2,437,024, Mar. 2.
Wind screen. G. D. Wyble. 2,437,062, Mar. 2.
Wire-transposing device. R. Case. 2,436,789, Mar. 2.
Yieldable bogie spring mounting. J. W. Heiney. 2,437,158, Mar. 2.

CLASSIFICATION OF PATENTS

ISSUED MARCH 2, 1948

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

1— 49: 2,437,039
2— 42: 2,436,977
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5— 69: 2,437,096
8—94.26: 2,437,044
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12—128.6: 2,437,028
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214— 85: 2,436,972
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214— 120: 2,437,010
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87: 2,437,110
230— 119: 2,437,183
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27: 2,436,891
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280— 51: 2,437,029
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281— 16: 2,436,888
285— 24.5: 2,437,073
286— 9: 2,436,866
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31: 2,437,064
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343— 14: 2,436,846
101: 2,436,805
107: 2,436,823
110: 2,436,796
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This list shows the correct classification of those patents wherein the classification given in the patent head has been changed.

2,436,791:	260—33.6	2,436,843:	250—33.57	2,436,906:	200—162	2,437,021:	171—119	2,437,103:	299— 97	2,437,166:	201— 63
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CLASSIFICATION OF DESIGNS

D 3— 4:	Des. 148,845	D29—23:	Des. 148,893	D45— 4:	Des. 148,865	D45—19:	Des. 148,840	D45—19:	Des. 148,872	D58—10:	Des. 148,890
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DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE EVANS

No. 5356. Decided November 29, 1947

[164 F.2d 621; 76 USPQ 115]

1. PATENTABILITY—METHOD—APPLICATION OF PRIOR ART TO CLOSELY RELATED MATERIAL.

Though no art was cited showing that any one prior to appellant ever suggested that a process useful in plasticizing crude rubber would also be useful in plasticizing vulcanized rubber scrap, *Held* that the two substances—rubber and rubber scrap—are so closely related in nature that there could be nothing inventive in applying the reference process, defined broadly in the specification as a process of treating rubber, to the treatment of rubber scrap.

2. SAME—METHOD OF PLASTICIZING VULCANIZED RUBBER SCRAP.

Certain claims to a method of plasticizing vulcanized rubber scrap *Held* unpatentable over the prior art.

APPEAL from the Patent Office. Serial No. 440,659.

AFFIRMED.

Pennie, Edmonds, Morton and Barrows (*R. T. McLean* and *C. M. Fisher* of counsel) for Evans.

W. W. Cochran (*E. L. Reynolds* of counsel) for the Commissioner of Patents.

GARRETT, *P. J.*:

This is an appeal from the decision of the Board of Appeals of the United States Patent Office affirming the Primary Examiner's rejection of all the claims, numbered 1 to 8, inclusive, of appellant's application for patent for a method of "Plasticizing of Vulcanized Rubber Scrap." No product claims are involved.

The brief on behalf of appellant states:

The subject matter of the invention relates to the reclaiming or plasticizing of vulcanized rubber scrap to convert it from the rubbery material with which everyone is familiar to a plastic material which can be compounded with other ingredients to produce a mixture which can be formed into shaped articles and vulcanized to produce rubber articles.

In the brief of the Solicitor for the Patent Office we find a terse statement concerning the process disclosure which reads:

The application here involved • • • relates to the plasticizing of vulcanized rubber and discloses a process which involves mechanically working vulcanized rubber scrap at comparatively low-temperatures and under oxidizing conditions, with an acid and a so-called non-accelerating plasticizing sulfide. An extended list of such sulfides is given and aryl sulfides, especially phenol sulfides, and specifically dicresyl sulfide are indicated as suitable. An accelerator and an oxidizing material may also be used if desired.

Claims 1, 3, 5, and 6 are the broad claims. Of these, claim 1 is illustrative. It reads:

1. The method of plasticizing vulcanized rubber scrap which comprises mechanically working the material under oxidizing conditions with small amounts of admixed acid material and a non-accelerating plasticizing sulfide at a temperature below about 180° F.

The specific or narrow claims 2, 4, 7, and 8 are illustrated by claim 2, which reads:

2. The method of plasticizing vulcanized rubber scrap which comprises mechanically working the material under oxidizing conditions with small amounts of admixed acid material and a phenol sulfide at a temperature below about 180° F.

It will be observed that illustrative claim 1 calls for "a non-accelerating plasticizing sulfide" of which many kinds are named in the specification, and that claim 2 specifies "a phenol sulfide." This limitation is present in claims 4 and 7. Claim 8 specifies "a dicresyl sulfide," which elsewhere in the record is said to be a "a sulfide of a particular phenol, cresylic acid."

All eight of the claims were rejected by the Examiner as lacking invention over any one of three patents, viz.: Seaman, 1,996,001, March 26, 1935; Williams et al., 2,191,266, February 20, 1940; Castello, 2,211,592, August 13, 1940.

He further rejected claims 1 to 5, inclusive, as being "too broad and inclusive," and claims 1, 3, and 5 as being "too broad and indefinite." All the foregoing grounds were affirmed by the Board.

An additional ground of rejection of claims 6, 7, and 8, which are claims of the "Markush" type, was applied by the Examiner; to wit, "as being superfluous and unnecessary," but the Board expressly overruled this additional ground, and it is not before us for consideration. So, it appears that claims 6, 7, and 8 stand rejected on the one ground of lack of invention over the prior art cited.

As has been indicated, the holding below is to the effect that all eight of the claims are rejectable on any one of the three references. In other words, there is no combination of references but each of the patents was regarded by the Examiner and the Board as being of itself a complete anticipation, or, at least, it was held that appellant presents nothing patentable over any one of them.

The Examiner analyzed and applied each of the references. The Board devoted most attention to the Castello patent, one or two phases of Seaman's disclosure being referred to also. The only reference to Williams et al. is found in a statement reading:

The patents to Seaman and Williams [et al.] are to an extent cumulative to the Castello patent and also deny patentability in the claims as pointed out in the statement of the Primary Examiner.

This, of course, constitutes blanket approval of the rejection on Seaman and Williams et al., but for reasons appearing from the presentation of the case before us we think more attention may properly be given to the disclosure of Williams et al.

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which lists some 50 or more sulfides asserted to be suitable for use in plasticizing rubber.

The fact is that appellant in his brief and in his oral argument before us practically conceded that all the broad claims, that is 1, 3, 5, and 6 read on Williams et al., his brief saying:

> The term "non-accelerating plasticizing sulfide" used in the broader claims on appeal is broad enough to comprehend the acid sulfides of the Williams patent.

The term quoted is used in haec verba in claim 2; in claim 5 the term is "a plasticizing sulfide"; and in claim 6 "an aryl sulfide" is mentioned. As has been stated, claim 6 is of the "Markush" type.

The Williams et al. patent, as is pointed out in the brief of the Solicitor for the Patent Office, "suggests operation at room temperature or at temperatures 'above about 50° C. [122° F.]'," which meets the requirement of all the appealed claims for temperatures "below about 180° F." The patent also states, in effect, that the working of the material being processed takes place in the presence of oxygen which, as said by the Solicitor, "would suggest the addition of an oxidizing agent if the atmospheric oxygen were found to be insufficient."

The Williams et al. patent, however, appears to be for the treatment of crude rubber (although rubber is frequently referred to broadly in the specification), while the specification and claims of appellant's application are limited to plasticizing vulcanized rubber scrap.

The Examiner held, in substance (and the Board did not, expressly or impliedly, reverse the holding), that there was no invention in applying to vulcanized rubber scrap in order to reclaim it, the process applied to crude rubber "to produce," as stated by Williams et al., "a more plastic product." He held that there would be no invention because the peptizing (that is, the plasticizing) action of the sulfides would be the same in both cases.

Appellant challenges the correctness of the holding, and in the brief filed on his behalf asserts:

> In this holding the Examiner assumed an equivalence between the plasticizing or softening of crude rubber and the plasticizing or reclaiming of vulcanized rubber which has no basis in the prior art, and, therefore, affords an unsound premise for the Examiner's action. There is in this record nothing to indicate that anyone had ever thought that any material useful for softening crude rubber could or would be useful for plasticizing or reclaiming rubber scrap, prior to the suggestion in the present application that non-accelerating organic sulfides generally are useful for reclaiming rubber scrap, the Williams patent having previously suggested certain sulfides as useful for plasticizing crude rubber. This is another instance in which the Patent Office has in effect used appellant's teaching as a reference against him.

Before passing upon the issue relating to the Williams et al. patent, we deem it proper to look to the Castello patent which, like the application of appellant, is limited to the treatment of vulcanized rubber, such as worn rubber tires, inner tubes, mechanical goods, etc., for the purpose of reclaiming the rubber and putting it into a plastic condition suitable for use in the manufacture of new rubber articles.

Appellant's brief says of the Castello patent (page reference omitted):

> This patent • • • describes the reclaiming of vulcanized scrap rubber by working it in the presence of a small quantity of a vulcanization accelerator, that is, one of the materials (of which a large number are known) commonly incorporated in rubber stocks to be vulcanized to promote the speed of the vulcanization or reduce the temperature required. The patent describes the use of temperatures below 180° F. for the working, and also describes the use of various materials in addition to the vulcanization accelerator, including rosin, stearic acid, and other materials, *some of which may be regarded as acids within the scope of the claims of the present application.* [Italics supplied.]
>
> • • • • • • •
>
> The distinction between what is described in this patent, and the subject matter broadly claimed in the present application, lies in the use of a non-accelerating sulfide in the process of the application and the use of a vulcanization accelerator, which in some instances may be a sulfide, but not a non-accelerating sulfide, in the process of the patent.

The Board compared the patent with the application, pointing out that the mastication process of the patent is performed in the air, and, therefore, under oxidizing conditions; that rosin, one of the ingredients named by applicant, which in the patent is admixed with the rubber scrap, is an acid material; that an alternative for rosin disclosed in Example III of the patent is a higher fatty acid (specifically stearic acid) which meets the "rosin" and "higher fatty acid" disclosures of the application; and that the patent suggests the use of various sulfides.

The Board then said:

> The methods recited in the claims on appeal, therefore, differ from the method disclosed in the Castello patent only in two respects, one being that the sulfide used is "a non-accelerating plasticizing sulfide"; "a phenol sulfide"; "a plasticizing sulfide"; "an aryl sulfide" or "a dicresyl sulfide" and the other being that "an accelerator of vulcanization" is specified as an additional ingredient of the mixture according to claims 3 and 4. We do not find that these differences confer patentability on the claims. The prior art, as exemplified by the Castello patent for example, discloses the use of sulfides as plasticizers in the process claimed and the selection as plasticizers of sulfides which are "non-accelerating" does not amount to invention. The application on appeal discloses an exceeding extensive list of sulfides which may be used and this emphasizes the lack of invention in the substitution of any one of them for the sulfide used in the prior art process. We are not impressed with the allegation that a "non-accelerating" sulfide should be selected since applicant states that in addition to excluding sulfides which contribute accelerating properties, an accelerator of vulcanization may also be added.

So far as appellant's use of a vulcanization accelerator (specified only in claims 3 and 4) is concerned, the Examiner stated: "• • • it is common to add sulfur accelerator, etc. to reclaimed rubber," and this statement of the Examiner does not appear to be challenged.

Both the Williams et al. and the Castello patents, as of course, were applied by the tribunals of the Patent Office to both the broad and narrow claims of appellant. Reserving the narrow claims for later discussion infra, we state at this point that we share the view of the tribunals of the Patent Office, in regard to the broad claims, but it seems to us that the applicability of the Williams et al. patent to those claims is clearer than is the applicability of the Castello patent. Hence, we have given the former patent more notice than the Board gave it.

[1] We are not unmindful of the contention on behalf of appellant to the effect that no art has been cited showing that any one prior to appellant ever suggested that a process useful in plasticizing crude rubber would also be useful in plasticizing vulcanized rubber scrap, but it seems to us that the two substances—rubber and rubber scrap—are so clearly related in nature that there could be nothing inventive in applying the Williams et al. process, defined broadly in the specification as a process of "treating rubber," to the treatment of rubber scrap. Aside from this it may not be overlooked that the Castello process like that of appellant is limited to rubber scrap.

Appellant's brief states:

> The fact is, and it is common knowledge, that crude rubber has been plasticized or softened in rubber factories to permit the incorporation in it of the ingredients used to make rubber articles and has then been vulcanized, and that rubber scrap has been treated to produce a reclaimed product, and that these two operations have gone on on an enormous scale practically side by side for decades.

We doubt if judicial notice properly may be taken of the condition so described, but, even if it may, it may be pointed out that there is no showing in the record as to just what processes have been applied to the respective substances in the operations which have gone on "side by side for decades."

It is true that there are expressions in appellant's specification which may be construed to support the statement in appellant's brief that "reclaiming processes heretofore widely used for rubber scrap have been either the heater process or the digester process," but so far as we can determine from the record there is nothing to show that those processes might not be employed in the treatment of crude rubber. However, if it were shown that those particular heater and digester processes might not successfully be so used, it is not thought that this would demonstrate that the process of the Williams et al. patent would not work as effectively in the treatment of rubber scrap as it does in the treatment of crude rubber.

The Board rendered two decisions in the case, the second being in response to a request for reconsideration limited to the specific claims 2, 4, 7, and 8, the first three of which are limited to the use of phenol sulfide and the last to the use of dicresyl sulfide, which latter is itself said to be related to phenol.

It should be borne in mind that, as stated earlier in this decision in a quotation from the brief for appellant, appellant's contention with respect to the difference between his claimed invention and the Castello patent lies in his use (1) of a non-accelerating sulfide and (2) of a vulcanization accelerator, the latter of which already has been passed upon, supra.

As to the former, if we correctly understand appellant's position, it is that the sulfides disclosed by Castello are all accelerating sulfides. So far as the broad claims 1, 3, 5, and 6 are concerned, he does not make this contention with respect to the Williams et al. patent, but he does make it as to the narrow or specific claims 2, 4, 7, and 8, because phenol sulfides and dicresyl sulfides are not non-accelerating sulfides and Williams et al. do not name either of them.

The broad claims, we think, have been sufficiently discussed.

So far as the applicability of the prior art is concerned neither the Examiner nor the Board, in its first decision, separated the narrow claims from the broad claims for general discussion, but in its second decision the narrow claims were discussed at considerable length.

It will be borne in mind that appellant's contention as to the broad claims reading on the Williams et al. patent did not apply to the narrow claims 2, 4, 7, and 8.

[2] We deem it unnecessary to set forth the Board's discussion in full. Notwithstanding the fact that neither phenol sulfide nor dicresyl sulfide is designated eo nomine in any one of the reference patents, the Board held, in substance, that because of the broad disclosure by the prior art of the use of organic sulfides including sulfides and disulfides, so many of which are named in the different references "there would be no invention in selecting phenol sulfide or dicresyl sulfide" for use in the Castello process for plasticizing vulcanized rubber. The Board said further:

> There is nothing in the application on appeal to indicate any remarkable or critical action by the selection of phenol sulfide or dicresyl sulfide, which are included within the broad disclosure of the prior art, instead of one of the numerous sulfides specifically mentioned therein.
>
> The Primary Examiner has indicated in his statement that the "non-accelerating" function of phenol sulfide or dicresyl sulfide, in connection with vulcanizing unvulcanized rubber, is a function not related to its function as a plasticizing ingredient for vulcanized rubber and we find no error in such a position.

Appellant's arguments have been carefully considered but we are not convinced that the Board erred in its conclusion based upon the applicability of the prior art cited, and in view of this conclusion it is unnecessary to pass upon the rejection based upon breadth, and indefiniteness.

The decision of the Board of Appeals is affirmed.

AFFIRMED.

U. S. Court of Customs and Patent Appeals

IN RE METZNER

No. 5359. Decided November 29, 1947

[164 F.2d 618; 76 USPQ 119]

PATENTABILITY—PIN TYPE FEEDING MEANS.

Certain claims to a pin type feeding means for advancing a continuous strip of material *Held* characterized by novelty and usefulness, and *Held* that the Patent Office, on the prior art cited, was not warranted in rejecting the claims.

APPEAL from the Patent Office. Serial No. 433,915.

REVERSED.

Marston Allen (*Theodore Greve* of counsel) for Metzner.

W. W. Cochran (*J. Schimmel* of counsel) for the Commissioner of Patents.

BLAND, *J.*:

The Primary Examiner of the United States Patent Office rejected as unpatentable over certain prior art patents claims 1 to 20, inclusive (being all the claims in the application and all the claims on appeal here), of appellant's application for a patent relating to strip feeding means for writing and imprinting apparatus.

Appellant's invention involves an improvement in the feeding mechanism for the proper passage of

punctured paper strips through a paper feeding, record making device. The invention is described by the Examiner as follows:

The alleged invention relates to feeding units comprising a series of traveling pins or sprocket teeth mounted for both outward radial movement and movement normal to their path of travel, or for movement normal to their path of travel only for engaging marginal perforations in a continuous record receiving strip or a series of superposed record receiving strips and advancing them to a record receiving position or station. Movement of the pins or teeth normal to their path of travel is provided for the purpose of compensating for lateral expansion or contraction of the strip material due to variable atmospheric conditions or to inequalities in the manufacture of the marginally perforated strips.

It is pointed out by appellant that the twenty claims on appeal fall into three groups, claims 15, 6 and 7 being set forth in his brief as representative of each of the different groups. Appellant states that the combination defined by claim 15 provides for an arrangement whereby the individual pins "independently" of each other are "free" to move "laterally," that claim 7 calls for "elongated" slots in the margins of the paper and for "flat pins," and that claim 6 is modified by the addition of the feature that the feeding pins are also mounted for "radial" movement with reference to the pin carrier.

The Solicitor for the Patent Office states that the claims may be broadly divided into two groups, the first, consisting of claims 3, 4, 10 to 13, inclusive, and 15 to 20, inclusive, being directed to feeding pins laterally shiftable independently of each other, and the second, consisting of claims 1, 2, 5 to 9, inclusive, and 14, being drawn to cover the use of flat feeding pins.

With the above explanation, we regard claims 3 and 6 as illustrative of the appealed subject matter and they follow:

3. In a pin type feeding means for advancing a continuous strip of material having therein a succession of longitudinally spaced holes for engagement therein of traveling feeding pins, a traveling carrier, a series of spaced feeding pins mounted thereon for to and fro lateral motion transversely to their path of travel independently of each other and the carrier into agreement with succeeding holes in the strip simultaneously with their unison advancement by the travel of the carrier.

6. In a record making apparatus wherein continuous relatively adjustable superposed record strips each having a succession of longitudinally spaced record receiving areas are progressively aligned and registered at a record receiving position with like areas of another of the strips, and wherein each strip has therein a succession of longitudinally spaced elongated slots for progressive engagement of the strips with a series of traveling flat feeding pins by which the strips are advanced past a record receiving position, including a traveling series of relatively spaced flat pins engageable in corresponding narrow elongated slots in the strips for advancing the strips in unison with their travel motion and a carrier for said pins upon which the pins are mounted for limited individual lateral adjustment relative to the carrier by camming action of the teeth and strips as the teeth enter the slots thereof.

The references cited by the Patent Office tribunals in rejecting the appealed claims are as follows: Neth, 1,490,536, April 15, 1924; Sherman, 2,000,649, May 7, 1935; Sherman et al., 2,102,651, December 21, 1937; Ross, 2,118,016, May 17, 1938.

While there are two embodiments of the invention disclosed in appellant's application as defined by the appealed claims, it is our view that if any of the claims are allowable they are all allowable although there is a greater number of claims than is ordinarily presented under such circumstances.

It is explained in appellant's application that the expansion and contraction of paper strips which are employed for record purposes presents a troublesome problem. The strips are ordinarily accompanied by carbon paper, are sometimes of considerable width, and are used in tabulating and computing machines, addressographs, and other imprinting apparatus. It is pointed out that such expansion or contraction makes the pre-prepared holes in the paper come out of line, and, when passing over the feeding drum, the paper is frequently torn or disfigured by the pins on the drum.

The chief feature of appellant's invention is to make the pins on his drums have a floating or pivotal action so that they will fall into the holes in the paper and move the paper forward without disfiguring it, whereas if the pins are stationary or if they move only forward in the direction the drum turns the problem is not solved.

The patent to Sherman, 2,000,649, discloses a rotary drum provided with feed pins for engaging perforations in strip material. The pins are mounted in apertures in the drum and are projected into and withdrawn from the strip perforations by a stationary cam.

The patent to Sherman et al., 2,102,651, discloses a similar device with the modification that each pin has a spiral groove which results, when the pins are thrust outwardly, in each pin being given an enforced movement not only radially of the rotating body but also circumferentially thereof so as to advance the pin slightly in the feeding direction. The patentees describe no motion of the pin in a direction laterally from the motion of the paper as it passes over the drum.

Neth discloses pin wheels, having radially projecting tapered pins, supported upon and rotated by a shaft. One of the wheels is so mounted upon the shaft that it is capable of moving laterally toward and away from the other wheel.

Ross discloses a pin or sprocket wheel having flattened feed pins for engaging marginal perforations in strip material.

In rejecting the appealed claims, the Examiner said:

Claims 1 to 20 inclusive stand finally rejected as not being patentable over each of the patents to Sherman and Sherman et al. in view of Neth and Ross. It is the position of the Examiner that to provide in either the Sherman or Sherman et al. patents for limited lateral to and fro movement of the feeding pins * * * as, for example, by laterally elongating the apertures in the pin supporting drums or platens of those patents through which the pins project would not amount to invention in view of Neth. The latter discloses it to be old in the art to so mount feeding pins * * * which engage marginal perforations in record strip material for feeding purposes that they may be moved normal to their path of travel through contact with portions of the strip immediately surrounding the strip perforations to bring them in register with said perforations in the event the distance between the rows of perforations in the opposite marginal portions of the strip should vary for any reason whatsoever. Since the feed pins of the Sherman and Sherman et al. patents are separately or individually mounted on their supporting drum or platen each will obviously be capable of movement normal to its plane of rotation relatively to the other pins when the devices of these patents are modified in the manner proposed by the Examiner. Some of the claims call for flat pins whereas the feed pins of Sherman, Sherman et al. and Neth are shown as conical. However, the Ross patent teaches it to be old to use flat feed pins * * * for feeding marginally perforated material and there would be nothing patentable in view of the teaching of Ross in using flat feed pins in the Sherman and Sherman et al. device.

The Board, in its decision, stated:

The claims are drawn in broad terms, reciting capabilities rather than structure. A typical expression is that in claim 3—"mounted for to and fro lateral motion transversely . . .". The Examiner holds that the claims lack invention over the Sherman patents taken with Neth. It will be noted that the only distinction over the combination of references is to be found in the one word "individual."

We are of the opinion that the combination of references is a proper one, since it would be obvious to make one of the sprocket wheels of Sherman laterally adjustable as shown by Neth. However, to make individual pins of Sherman 2,102,651, individually shiftable laterally would require only changing the major axis of slot 52 from that direction permitting circumferential play to a direction permitting lateral play. It is again noted that the claims call only for the broad concept, rather than for any structure to accomplish this consideration.

We regard the 20 claims, notwithstanding their differences in extensive verbiage, as involving only this one point of alleged novelty in the art, which has advanced by small steps. Those claims of the second group above, which recite also the radial movement, merely build upon the Sherman patents and can derive no benefit from them.

The Solicitor for the Patent Office points to certain language in the Sherman et al. patent, 2,102,651, from which he argues that Sherman taught the desirability of a movement of the pins in the direction taught by appellant as being the essence of the invention. It must be conceded that certain language in said Sherman et al. patent is very confusing in trying to ascertain exactly what kind of movement the patentees taught and professed to disclose or did disclose. We have examined the drawing of this patent carefully and, notwithstanding the ambiguous language involving the terms "laterally" and "circumferentially," we are inclined to agree with appellant that what Sherman sought to do was to provide a cam action for his pins so that they would protrude through the pin wheel, the pin points being smaller than the holes in the paper so as to meet any longitudinal distortion of the paper. After examining this patent carefully we find no structure that is capable of the movement to and fro transversely to the movement of the paper which appellant so clearly discloses and defines by the appealed claims.

Appellant has constructed a device where the pins are so mounted that they have to and fro lateral movement transversely to their path of travel, independently of each other. No such independent movement is shown by any of the prior art references cited. In appellant's device, each pin meets its own problem. In the Neth patent, if one stationary pin comes in contact with a distorted edge of a hole in the paper it is presumed to move the whole unit, together with the sleeve upon which the wheel is stationed, in the proper direction. This expedient obviously has lack of sensitivity and is a wholly different concept of solving the problem from that of appellant. It is our view that appellant has accomplished something characterized by novelty and usefulness in providing the independent action and the to and fro movement (which may properly be referred to as "floating") of each individual pin, thus providing a more sensitive and quicker-responding action in meeting the difficulties encountered.

The group of claims limited to the use of flat feeding pins was rejected by the tribunals below on the same ground as the first group, it being the opinion of the Patent Office that in view of the prior art the provision for flat pins did not add patentability to these claims. We think the attitude of the Patent Office as to these claims was correct with reference to the feature of the flat pin. However, no other ground of rejection being given to these claims except that which was applied to the first group, and since we differ with the Board as to their patentability, it follows that the claims must all stand or fall together and we conclude that the Patent Office, on the prior art cited, was not warranted in rejecting the claims.

For the reasons stated, the decision of the Board of Appeals is reversed.

REVERSED.

PATENT SUITS

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

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1,802,629, F. C. Copeland, Cigarette delivery and lighting device; 1,838,363, same, Dispensing and lighting device, filed Jan. 23, 1948, D. C., N. D. Ill., E. Div., Doc. 48c95, *F. C. Copeland* v. *Santay Corp. et al.*

1,838,363. (See 1,802,629.) 1,895,225. (See 1,712,274.)

1,909,537, R. M. Hollingshead, Jr., Drive-in theatre, filed Jan. 20, 1948, D. C. Idaho (Boise), Doc. 2563–S, *Park-In Theatres, Inc.*, v. *K & K Theatre Co., Inc., et al.* Doc. 2564–S, *Park-In Theatres, Inc.*, v. *Boise Drive-In Theatres, Inc.*

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2,032,827, N. H. Andrews, Method of and apparatus for providing material in finely divided form, filed Jan. 24, 1948, D. C. N. J. (Trenton), Doc. 10998, *The Micronizer Co.* v. *Reduction Engineering Corp. et al.*

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2,238,813. (See Re. 22,638.)

2,252,692, Barnes & Minor, Means for applying expansible collars, filed Dec. 11, 1948, D. C., S. D. Calif., N. Div., Doc. 699–ND, *Bettis Rubber Co.* v. *B. & G. Service Co. et al.*

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T. M. 181,498. (See T. M. 146,974.)

T. M. 184,091. (See T. M. 146,974.)

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T. M. 283,575, A. C. Lawrence Leather Co., Leather, leather shoe parts and shearlings or wool pelts, D. C. N. J. (Newark), Doc. 10929, *A. C. Lawrence Leather Co.* v. *Lawrence Fur Processing Corp.* Consent judgment for injunction favor plaintiff Jan. 20, 1948.

T. M. 314,493 (*a*), J. L. Younghusband, Lipstick and rouge; T. M. 407,797, Associated Distributors, Lipstick, rouge, anti-perspirant, eye-lash, etc.; T. M. 426,323, Consolidated Cosmetics, Perfume, lipstick, face powder, etc., filed Jan. 21, 1948, D. C., N. D. Ill., E. Div., Doc. 48c80, *Consolidated Cosmetics et al.* v. *Buffum & Co., Inc.*

T. M. 314,493 (*b*), J. L. Younghusband, Lipstick and rouge; T. M. 407,797, Associated Distributors, Lipstick, rouge, anti-perspirant, eye-lash, etc.; T. M. 408,529, same, Toilet soaps; T. M. 426,323, Consolidated Cosmetics, Perfume, lipstick, face powder, etc.; T. M. 334,173, Savage, Inc., Lipstick, rouge, face powder, etc., filed Jan. 21, 1948, D. C., N. D. Ill., E. Div., Doc. 48c81, *Consolidated Cosmetics* v. *G. L. Max.*

T. M. 323,849, South Coast Co., Refined white granulated sugar, D. C., N. D. Ill., E. Div., Doc. 47c1596, *South Coast Corp.* v. *R. J. Howat et al.* Consent judgment holding infringement, injunction granted Dec. 30, 1947.

T. M. 334,173. (See T. M. 314,493 (*b*).)

T. M. 407,797. (See T. M. 314,493 (*a*) and (*b*).)

T. M. 408,529. (See T. M. 314,493 (*b*).)

T. M. 416,416, Eugene, Ltd., Electric hair dryers, permanent hair waving machine, etc.; T. M. 416,700, same, Permanent waving solutions and hair drying solutions, D. C., N. D. Ill., E. Div., Doc. 47c1183, *Eugene, Ltd.*, v. *Helene Curtis Industries, Inc.* Cause dismissed by stipulation, defendant enjoined Nov. 4, 1947.

T. M. 416,700. (See T. M. 416,416.

T. M. 426,323. (See T. M. 314,493 (*a*) and (*b*).)

NOTICES

Adverse Decisions in Interferences

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 2,350,010, F. C. Beekley, Microphone, decided Dec. 16, 1947, claims 5, 6, 8, 9 and 16.

Pat. 2,412,318, Marvin Camras, Safety drive, braking, and control mechanism for magnetic recording devices, decided Feb. 3, 1948, claims 9, 14 and 15.

Cancellation Notices

Penn Beverage Company, its assigns or legal representatives, take notice:

A petition for cancellation having been filed in this Office by W. A. Haller Corporation, 1429 Walnut St., Philadelphia, Pa., to effect the cancellation of trade-mark registration of Penn Beverage Company, Fitzwater St. east of Broad St., Philadelphia, Pa., No. 261,112, dated September 3, 1929, and the notice of such proceeding sent by registered mail to the said Penn Beverage Company at the said address having been returned by the post office undeliverable, notice is hereby given that unless said Penn Beverage Company, its assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order the cancellation will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

THOMAS F. MURPHY,
Assistant Commissioner of Patents.

January 29, 1948.

True Shape Hosiery Co., its assigns or legal representatives, take notice:

A cancellation proceeding has been instituted by this Office upon the application of Huffman Full Fashioned Mills, Inc., Meeting St., Morganton, N. C., to effect the cancellation of trade-mark registration of True Shape Hosiery Co., No. 154,848, dated May 9, 1922. The assignment records of this Office show a transfer of title to this registration to John Blood & Company, Inc., Philadelphia, Pa., which has been substituted for said registrant to defend the registration concerned. The notice of such proceeding sent by registered mail to John Blood & Company, Inc., at the said address having been returned by the post office undeliverable, notice is hereby given that unless John Blood & Company, Inc., its assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order the cancellation will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

THOMAS F. MURPHY,
Assistant Commissioner of Patents.

February 2, 1948.

Ernest Blood, his assigns or legal representatives, take notice:

A cancellation proceeding has been instituted by this Office upon the application of Huffman Full Fashioned Mills, Inc., Meeting St., Morganton, N. C., to effect the cancellation of trade-mark registration of Ernest Blood, No. 70,340, dated August 25, 1908, renewed by True Shape Hosiery Co., Somerset and Franklin Sts., Philadelphia, Pa. The assignment records of this Office show a transfer of title to this registration to John Blood & Company, Inc., Philadelphia, Pa., which has been substituted for said registrant to defend the registration concerned. The notice of such proceeding sent by registered mail to John Blood & Company, Inc., at the said address having been returned by the post office undeliverable, notice is hereby given that unless John Blood & Company, Inc., its assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order the cancellation will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

THOMAS F. MURPHY,
Assistant Commissioner of Patents.

February 2, 1948.

Belle Knitting Corp., its assigns or legal representatives, take notice:

A cancellation proceeding has been instituted by this Office upon the application of Fabric Specialties Co., Inc., 650 Turner Ave., N. W., Grand Rapids, Mich., to effect the cancellation of trade-mark registration of Belle Knitting Corp., No. 355,157, dated March 8, 1938. The assignment records of this Office show a transfer of title to this registration to The McKay Products Corporation, Baltimore, Md., which has been substituted for said registrant to defend the registration concerned. The Office having been unable to secure service upon The McKay Products Corporation, notice is hereby given that unless its assigns, legal representatives, or other person claiming an interest in the registration shall enter an appearance therein within thirty days from the first publication of this order the cancellation will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

THOMAS F. MURPHY,
Assistant Commissioner of Patents.

February 4, 1948.

Disclaimers

2,021,707.—*Walter L. Upson*, University City, Mo. FLUID REACTION DEVICE. Patent dated Nov. 19, 1935. Disclaimer filed Feb. 5, 1948, by the assignee, *The Torrington Manufacturing Company;* the inventor consenting.

Hereby disclaims from the scope of each of claims 1 to 20 inclusive, any fluid displacement device other than a fan comprising a plurality of distinct, wide blades mounted for rotation about a common axis, each blade being bounded over a predominant portion of its margin by convexly curvilinear edge portions and formed to provide a wide, open end, substantially pitched channel extending outwardly of the axis of fan rotation and rearwardly with respect to the direction of rotation.

2,072,322.—*Walter L. Upson*, University City, Mo. FLUID REACTION APPARATUS. Patent dated Mar. 2, 1937. Disclaimer filed Feb. 5, 1948, by the assignee, *The Torrington Manufacturing Company;* the inventor consenting.

Hereby disclaims from the scope of each of claims 1 to 4 inclusive, 12, 13, 15 and 17 to 29 inclusive, any fluid reaction device other than a fan comprising a plurality of distinct, wide blades each of a generally symmetrical shape in plan, each blade being bounded over a predominant portion of its margin by convexly curvilinear edge portions and formed to provide a wide, open end, substantially pitched channel extending outwardly of the axis of fan rotation and rearwardly with respect to the direction of rotation, and with the blades so mounted for rotation about a common axis that the channel of each blade is distinctly divergently related to the axis of blade symmetry.

2,403,213.—*Gaetano F. D'Alelio*, Northampton, Mass. SYNTHETIC RESIN BONDED ABRASIVE. Patent dated July 2, 1946. Disclaimer filed Jan. 23, 1948, by the assignee, *Pro-Phy-Lac-Tic Brush Company.*

Hereby enters this disclaimer to claims 5, 7, and 8 of said patent.

2,426,423.—*Theodore A. Woolsey*, Pasadena, Calif. HYDRAULIC COUPLING. Patent dated Aug. 26, 1947. Disclaimer filed Jan. 23, 1948, by the inventor; the assignee, *Marman Products Company, Inc.*, assenting.

Hereby enters this disclaimer to claims 13 and 17 of said patent.

REGISTER OF PATENTS AVAILABLE FOR LICENSING OR SALE

(The "Groups" appearing after the patent abstracts are based on the Standard Industrial Classification Manual, Vol. I, Manufacturing Industries, Executive Office of the President, Bureau of the Budget)

The United Shoe Corporation, of 140 Federal St., Boston 10, Mass., has placed 186 patents on the Register of Patents as available for license, in addition to the 2,092 patents previously registered by this corporation. 138 of the patents cover shoe machinery, the remaining 48 being useful in various other fields which include sewing machines, parts, and attachments; sorting machines; and devices such as finishing tools and brush structures. Abstracts of these 186 patents will be published in groups in the OFFICIAL GAZETTE from March 2 to March 16 inclusive.

SHOE MACHINERY (Group 35—59)

Pat. 1,869,434. EDGE TRIMMER AND THE LIKE. Patented Aug. 2, 1932. A machine for trimming the edges of shoe soles. A pair of power driven, equally and oppositely movable, rotary presser members guide and feed the edge of the shoe sole to a rotating, cup-shaped edge trimming knife. The width to which the sole margin is to be trimmed is determined by adjusting one of the presser members. Reg. No. 9,171.

Pat. 1,872,441. FASTENER INSERTING MACHINE. Patented Aug. 16, 1932. Relates to a machine for inserting lacing hooks. A movable anvil, by which the hooks are transferred from a raceway and inserted in the work, has adjustable devices by which the movement of the anvil to the raceway and its hook inserting movement may be each individually regulated without affecting the other. Means is also provided for supplying pieces of reinforcing material at the points where the hooks are inserted. Reg. No. 9,172.

Pat. 1,881,656. FINISHING MACHINE. Patented Oct. 11, 1932. A finishing machine having means for supporting an edge setting tool for swinging movement about a virtual axis in proximity to its work-engaging face. Reg. No. 9,173.

Pat. 1,882,005. SHOE STIFFENER CONDITIONING MACHINE. Patented Oct. 11, 1932. An apparatus for tempering or conditioning box toe stiffeners. The stiffeners are placed upon a carrier normally held elevated, by a weight, above a receptacle containing a conditioning liquid. The carrier is depressed manually to immerse the stiffeners in the liquid and then released, whereupon the weight gradually returns it to its normal elevated position. Reg. No. 9,174.

Pat. 1,884,674. APPARATUS FOR CONDITIONING PARTS OF SHOES. Patented Oct. 25, 1932. Relates to apparatus for spraying hot, moist vapor upon the heel breast and both surfaces of an unlayed breast flap of a Louis-heeled shoe. The shoe, with the breast flap held away from the heel breast, is supported over a chamber in which are two spray nozzles, one directed at the grain face of the flap and the other directed between the breast flap and the heel breast. Reg. No. 9,175.

Pat. 1,891,263. MACHINE FOR OPERATING ON LASTS. Patented Dec. 20, 1932. A machine for assembling in a shoe the two parts of the last disclosed in Patent 1,856,127. The heel part of the last is supported upon a jack pin, and treadle operated devices effect first a relative tilting movement and then a relative sliding movement between the forepart and the heel part, to assemble the last. Reg. No. 9,176.

Pat. 1,891,274. METHOD OF AND SYSTEM FOR TEMPERING MATERIAL. Patented Dec. 20, 1932. The tempering of shoe parts is controlled automatically by the action of a test piece of the same material mounted in the tempering chamber and connected to a valve for releasing the tempering fluid from the chamber when the test piece has become sufficiently flexible. Reg. No. 9,177.

Pat. 1,897,046. FASTENER SUPPLYING MECHANISM. Patented Feb. 14, 1933. Relates to mechanism for intermittently rotating a bladed disk for discharging lacing hooks from a hopper into a raceway. The disk is yieldingly driven by a double acting ratchet and pawl couple but is positively arrested whenever one of the blades is brought into register with the raceway. Reg. No. 9,178.

Pat. 1,897,526. AUTOMATIC EDGE TRIMMER. Patented Feb. 14, 1933. A shoe is supported in a jack and automatically moved to transfer the point of operation along the edge of the shoe sole under the control of a template secured to the sole. Reg. No. 9,179.

Pat. 1,904,313. FASTENING INSERTING MACHINE. Patented Apr. 18, 1933. A machine for nailing on rubber heels arranged to permit use of the nail driver for positioning the work. Reg. No. 9,180.

Pat. 1,904,314. FASTENING INSERTING MACHINE. Patented Apr. 18, 1933. A machine for inserting staples through a shank piece, having means for locating work to aline openings in the shank piece with the staple driver. Reg. No. 9,181.

Pat. 1,908,356. MACHINE FOR OPERATING ON LASTS. Patented May 9, 1933. A machine for disassembling the two parts of the last disclosed in Patent 1,856,127. A fixed abutment engages the forepart of the last while a movable jack pin, which is clutched to the heel part, first tilts the heel part and then exerts a positive downward pull thereon, to separate it from the forepart. Reg. No. 9,182.

Pat. 1,908,914. INSEAM TRIMMING MACHINE. Patented May 16, 1933. The edge of a cup-shaped inseam trimming cutter is scalloped to provide a series of openings through which a vibrating welt beating tool operates so that the welt is beaten out and the inseam is pounded out at the same time that it is trimmed. Reg. No. 9,183.

Pat. 1,913,437. SHOE SUPPORT. Patented June 13, 1933. A support for the toe end of a shoe, comprising a rubber fluid container within a holder and a flexible non-elastic cover. Reg. No. 9,184.

Pat. 1,919,740. EDGE SETTING MACHINE. Patented July 25, 1933. An automatic machine for setting the edge of the sole of a shoe supported on a jack which is movable to transfer the point of operation of the tool along the edge of the sole, and having two setting tools with means for automatically changing from one tool to the other. Reg. No. 9,185.

Pat. 1,920,501. TRIMMING MACHINE. Patented Aug. 1, 1933. A machine for trimming the insole rib and surplus upper materials of a staple lasted shoe. A treadle operated, vertically movable gage against which the shoe bottom is held, permits a horizontally moving trimming knife to cut above or below the line of staples, as desired, during the progress of the trimming operation. Reg. No. 9,186.

Pat. 1,921,058. MANUFACTURE OF BOOTS AND SHOES. Patented Aug. 8, 1933. A machine for accurately applying location marks, such as jig holes, to tips and vamps. Reg. No. 9,187.

Pat. 1,921,165. EDGE TRIMMING MACHINE. Patented Aug. 8, 1933. A shoe is supported in a jack and automatically moved to transfer the point of operation along the edge of the shoe sole under the control of a template secured to the sole and an adjustable guide bearing against the template, a gage being provided for positioning the guide relatively to the point of operation upon the shoe. Reg. No. 9,188.

Pat. 1,922,137. SOLE MOLDING MACHINE. Patented Aug. 15, 1933. A machine for molding the toe ends of the soles of turn shoes, after they have been mounted on lasts, including a mold which is self-adjustable to accommodate different shapes and sizes. Reg. No. 9,189.

Pat. 1,923,167. SHOE TREATING APPARATUS. Patented Aug. 22, 1933. A shoe transporting conveyor moves along the open mouth of a chamber in which fluid for tempering the toe portions of shoes on the conveyor is circulated. At the delivery end of the conveyor mechanism actuated by the foremost shoe causes the conveyor to stop if the shoe is not removed. Reg. No. 9,190.

Pat. 1,925,210. APPARATUS FOR TREATING SHOE PARTS OR THE LIKE. Patented Sept. 5, 1933. An apparatus for tempering shoe upper parts. The work pieces are placed in wire baskets upon inclined shelves in a chamber in which heated water vapor is circulated, movable dampers adjacent to the shelves controlling the circulation and distribution of the vapor. Reg. No. 9,191.

Pat. 1,935,863. SHOE FINISHING MACHINE. Patented Nov. 21, 1933. A finishing machine adapted to be associated with a constantly rotating shaft and having a tool holder, means for oscillating the tool holder from the shaft, and a clutch for connecting the oscillating means to the tool holder. Reg. No. 9,192.

Pat. 1,937,819. FINISHING MACHINE. Patented Dec. 5, 1933. A finishing machine including a tool holder adapted to be substituted for a Naumkeag pad and having an oscillating tool carrier arranged to allow any one of a plurality of tools to be brought into operative position. Reg. No. 9,193.

Pat. 1,943,308. HEEL FINISHING MACHINE. Patented Jan. 16, 1934. An automatic machine for finishing the heels of shoes, having a turret with a plurality of shoe supporting jacks and a plurality of working stations with different types of finishing tools. Reg. No. 9,194.

Pat. 1,943,429. FASTENING INSERTING MACHINE. Patented Jan. 16, 1934. A heel seat pegging machine having an awl for forming holes for fastenings and movable to feed the work, provided with means for partially withdrawing the awl before the feed movement. Reg. No. 9,195.

Pat. 1,947,589. FASTENING INSERTING MACHINE. Patented Feb. 20, 1934. A hand tacker provided with means arranged to permit driving tacks with their heads either flush or upstanding. Reg. No. 9,196.

Pat. 1,950,554. FASTENING INSERTING MACHINE. Patented Mar. 13, 1934. A fastener inserting machine having an awl and operating means for the awl including a latch arranged to be released when the awl meets excessive resistance. Reg. No. 9,197.

Pat. 1,963,169. MACHINE FOR, AND METHOD OF, INSERTING FASTENINGS. Patented June 19, 1934. A paper peg inserting machine having a knife for slitting the end of a peg before it is driven. Reg. No. 9,198.

Pat. 1,966,727. CHANNEL CLOSING AND EDGE COMPACTING MACHINE. Patented July 17, 1934. A machine for closing channels in, and compacting the edges of, shoe soles, having means for engaging a sole to hold it from spreading under the action of the compacting means. Reg. No. 9,199.

Pat. 1,973,065. TRIMMING MACHINE. Patented Sept. 11, 1934. A machine for cutting off the projecting ends of a rand flush with the breast face of a heel base. A yieldable table supports the heel base with its breast face against a power operated cutter which severs the end of the rand but is capable of yielding if it encounters a misplaced heel base, to prevent severing the base. Reg. No. 9,200.

Pat. 1,974,487. TRIMMING MACHINE. Patented Sept. 25, 1934. An inseam trimming machine provided with an auxiliary cutter which automatically snips the long strip of severed waste material into short sections, to facilitate its discharge into a waste-pipe. Reg. No. 9,201.

Pat. 1,975,460. LASTING APPARATUS. Patented Oct. 2, 1934. A device for clamping the upper of a stitchdown shoe to a last, having a stem for entering the last pin hole and means for engaging the forepart of the upper to press it against the last. Reg. No. 9,202.

Pat. 1,979,409. FASTENING INSERTING MACHINE. Patented Nov. 6, 1934. Staple forming and driving mechanism having a deflector and a staple transferring device provided with guide portions extending substantially to the deflector. Reg. No. 9,203.

Pat. 1,981,037. FASTENING INSERTING MACHINE. Patented Nov. 20, 1934. A fastener inserting machine having a driver and an anvil with cavities for making staples with helically clenched legs. Reg. No. 9,204.

Pat. 1,981,062. SHOE MACHINE. Patented Nov. 20, 1934. An adjustable column for a shoe machine having a treadle connection which automatically changes its length as the column is shortened or lengthened. Reg. No. 9,205.

Pat. 1,981,944. TRIMMING MACHINE. Patented Nov. 27, 1934. An inseam trimming machine employing a band knife which runs on small rolls arranged to form a bend of short radius in the operating portion of the knife, causing the latter to curve away from and clear the upstanding materials at the opposite side of the shoe. Especially useful with narrow shank shoes. Reg. No. 9,206.

Pat. 1,982,740. EDGE BURNISHING MACHINE. Patented Dec. 4, 1934. An edge setting machine having a tool carrier and a tool holder mounted in the carrier so that different surfaces of a tool may be selectively presented to operative position. Reg. No. 9,207.

Pat. 1,983,635. FINISHING MACHINE. Patented Dec. 11, 1934. Mechanism for supplying pellets of wax to the edge setting tool of an automatic edge setting machine, also covers a tool having a recess to receive pellets of wax. Reg. No. 9,208.

Pat. 1,986,923. FASTENING INSERTING MACHINE. Patented Jan. 8, 1935. A fiber peg inserting machine having an awl and fluid pressure means for operating the awl arranged to permit escape of fluid pressure when the awl meets a predetermined resistance. Reg. No. 9,209.

Pat. 1,986,932. FASTENING INSERTING MACHINE. Patented Jan. 8, 1935. A fiber peg inserting machine arranged to drive fastenings that are headed flush with the surface of the work. Reg. No. 9,210.

Pat. 1,993,953. FINISHING MACHINE. Patented Mar. 12, 1935. A finishing machine having a rotary tool and means for heating the tool that is movable to and from heat exchanging position relative to the tool. Reg. No. 9,211.

Pat. 1,996,853. FASTENING INSERTING MACHINE. Patented Apr. 9, 1935. A staple forming and driving machine having means for obliquely cutting ends of staple legs and, thereafter, deflecting them in substantially parallel planes at right angles to the staple crossbar. Reg. No. 9,212.

Pat. 2,000,961. FINISHING MACHINE. Patented May 14, 1935. An edge setting machine having an oscillating tool and provided with means for varying the amplitude of oscillation of the tool. Reg. No. 9,213.

Pat. 2,005,104. MACHINE FOR OPERATING UPON SHOES. Patented June 18, 1935. An automatic machine having a shoe supporting jack movable to transfer the point of operation about the shoe, the movement of the jack being guided by feeler mechanism engaging a marginal contour surface fixed with relation to the shoe to control tipping and turning movements of the shoe. Reg. No. 9,214.

Pat. 2,006,452. MACHINE FOR INSERTING FASTENINGS. Patented July 2, 1935. A paper peg inserting machine having means for imparting a hammer blow to the work, immediately prior to the insertion of a peg. Reg. No. 9,215.

Pat. 2,011,683. FASTENING INSERTING MACHINE. Patented Aug. 20, 1935. A staple driving machine having means for interrupting the feed of the wire if a staple is not fully expelled. Reg. No. 9,216.

Pat. 2,013,046. HEEL FINISHING MACHINE. Patented Sept. 3, 1935. An automatic heel finishing machine having an indenting tool which is pivotally supported, and novel means for jacking the shoe to facilitate the indenting operation. Reg. No. 9,217.

Pat. 2,019,573. FASTENING INSERTING MACHINE. Patented Nov. 5, 1935. A paper peg inserting machine having a driver bar and a driver connected to the bar with lost motion to permit continued movement of the driver after the bar has stopped. Reg. No. 9,218.

Pat. 2,023,549. CREASING AND BURNISHING MACHINE. Patented Dec. 10, 1935. A machine for creasing and edge burnishing straps, or the like, having a feed roll, a creasing wheel and an oscillating burnishing tool. Reg. No. 9,219.

Pat. 2,028,840. FASTENING INSERTING MACHINE. Patented Jan. 28, 1936. A staple forming and driving machine having means for deflecting the point of one leg of a staple after it has been formed and before it is driven. Reg. No. 9,220.

Pat. 2,029,533. METHOD OF, AND APPARATUS FOR, OPERATING ON THE SOLE EDGES OF RUBBER SOLED SHOES. Patented Feb. 4, 1936. A method of, and machine for, closing the edges of the soles of rubber shoes, having a rotary tool provided with a spiral rib and arranged to beat the edge of the sole. Reg. No. 9,221.

Pat. 2,034,752. FASTENING INSERTING MACHINE. Patented Mar. 24, 1936. A paper peg inserting machine having operating mechanism including a toggle arranged to be broken to withdraw the peg inserting tool after a hole has been formed. Reg. No. 9,222.

Pat. 2,035,080. FASTENING INSERTING MACHINE. Patented Mar. 24, 1936. A paper peg inserting machine having an operating mechanism including a member yieldingly connected to the peg inserting tool to permit withdrawal of the tool after a hole has been formed. Reg. No. 9,223.

Pat. 2,036,352. FASTENER SUPPLYING APPARATUS. Patented Apr. 7, 1936. A flexible raceway for eyelets or rivets. The raceway is made from a strip of sheet metal bent to form a clencher cross-section and made flexible by cutting transverse kerfs through the inturned margins and the U-shaped portions of the bends. Reg. No. 9,224.

Pat. 2,042,378. SHOE BOTTOM ATTACHING APPARATUS. Patented May 26, 1936. A press for use in cement attaching soles to shoes. A pad box contains an annular, inflatable pad for applying pressure to a shoe sole and supports an overhead yoke by which a sole extension support is sustained. Reg. No. 9,225.

Pat. 2,043,369. SHOE ROUGHING MACHINE. Patented June 9, 1936. A rotary roughing tool is positioned partly within a bowl-shaped work rest which is freely rotatable about an axis at right angles to that of the tool, and is adjustable in an arc concentric with the axis of the tool. Reg. No. 9,226.

Pat. 2,044,054. TRIMMING MACHINE. Patented June 16, 1936. A toe trimming machine designed to utilize a short portion of a long, flexible strip-knife the major portion of which is kept in two coils from one of which the knife is unwound little by little as sharp portions are needed and on the other of which the dulled portions are wound. Reg. No. 9,227.

Pat. 2,046,443. HEEL BUILDING MACHINE. Patented July 7, 1936. The bottom of a mold in which heels are built consists of a nail block which moves upward to eject a completed heel from the mold and present the block in a convenient position to receive the nails for the next heel. A power operated presser pad which is movable into and out of register with the mold is controlled by a safety device which prevents power operation of the pad when it is not in register with the mold. Reg. No. 9,228.

Pat. 2,052,659. FASTENING INSERTING MACHINE. Patented Sept. 1, 1936. A staple driving and forming mechanism having a rotatable die for severing wire and transferring it into driving position. Reg. No. 9,229.

Pat. 2,053,469. MACHINE FOR LACING SHOE UPPERS. Patented Sept. 8, 1936. A lacing machine in which a plurality of spring actuated loopers act successively to complete the formation of a loop on one spindle before one is started on the next spindle, and so on. Thus there is only one reeving bend in the thread at a time, the thread passing freely through the other spindles and less strain being imposed on the thread than when all the loops are formed simultaneously. Reg. No. 9,230.

Pat. 2,054,170. HEEL-SETTING MEANS. Patented Sept. 15, 1936. A machine for setting a removable clamp upon an assembled heel and shoe. Preliminary pressure is applied by a treadle and final pressure by a power operated cam. The clamp equalizes pressure on the top lift and back of the heel and a flap-engaging member applies pressure to the breast flap. Reg. No. 9,231.

Pat. 2,056,316. CONTROLLING MECHANISM. Patented Oct. 6, 1936. Relates to a mechanism for automatically so modifying the action of the presser foot of a high-speed automatic eyeleting machine that the presser foot will be retracted when the machine stops. Reg. No. 9,232.

Pat. 2,064,027. FASTENING INSERTING MACHINE. Patented Dec. 15, 1936. A paper peg inserting machine having a driver operating mechanism including a toggle adapted to move into broken position when the driver meets excessive resistance. Reg. No. 9,233.

Pat. 2,066,464. SHOE UPPER LACING MACHINE. Patented Jan. 5, 1937. A lacing machine so organized that the cross lacings are formed on the inside of the shoe upper and thus do not injure the surface of external uncured rubber facings thereon from which the longitudinal stretches of the lacings are spaced by the flanges of the eyelets through which the lacing thread passes. Reg. No. 9,234.

Pat. 2,067,295. APPARATUS FOR ATTACHING HEELS TO SHOES. Patented Jan. 12, 1937. A pressure abutment is locked automatically after a predetermined force has been applied to the work through a treadle. A yieldable tube surrounds the nail driver to initially retain the nail in place. Reg. No. 9,235.

Pat. 2,075,938. MACHINE FOR OPERATING UPON HEEL-LIFTS AND RANDS. Patented Apr. 6, 1937. A heel-lift and rand assembling machine in which the lift and rand are advanced in a curved path by a pair of rolls acting in co-operation with a retarding device to hold the assembly against an edge gage during the advancing movement. Reg. No. 9,236.

Pat. 2,077,524. APPARATUS FOR MAKING SHOES. Patented Apr. 20, 1937. A machine for pressing sock linings into shoes. A pivoted frame arranged above a shoe support carries a plurality of crepe rubber covered forms any one of which may be positioned within a shoe upon the support and be forced by a manually operated plunger against the sock lining to locate the lining in the shoe and smooth it out. Reg. No. 9,237.

Pat. 2,078,318. WORK SUPPORTING MECHANISM. Patented Apr. 27, 1937. A work supporting and positioning device for a sole tacking machine. A continuously rotating rubber roll having a shallow groove to receive the heel end of a lasted shoe presents the shoe to the nozzle of the tacker and holds it there in a predetermined position during the tacking operation. Reg. No. 9,238.

Pat. 2,078,320. CUTTING MACHINE. Patented Apr. 27, 1937. A sole rounding and channeling machine having mechanism which grips a sole and advances it positively for successive cutting operations. The positive advance of the sole is effected by one of the knives, acting as a feeding means. Reg. No. 9,239.

Pat. 2,084,553. METHOD OF AND APPARATUS FOR TREATING SHOE PARTS. Patented June 22, 1937. In tempering certain areas of a sole without permitting water to contact other areas a localized bend of short radius is formed in the ball portion of the sole, thereby depressing the shank portion only into the water. Reg. No. 9,240.

Pat. 2,085,149. TRIMMING MACHINE. Patented June 29, 1937. A machine for trimming surplus material from overlasted uppers of McKay or Littleway shoes. A vibratory finger bends the free margin of the upper material away from the insole into the path of a reciprocating trimming knife. Reg. No. 9,241.

Pat. 2,090,677. GRADING MACHINE. Patented Aug. 24, 1937. Relates to a machine for evening and marking shoe soles. Provision is made for controlling the operation of the machine so that all soles will be merely marked, or so that soles above a certain thickness or below a certain thickness will be merely marked while others will be both evened and marked. Reg. No. 9,242.

Pat. 2,092,816. EMBOSSING MACHINE. Patented Sept. 14, 1937. A press with automatic timing mechanism to cause a dwell for a predetermined period during which embossing dies are in contact with the work. Intended for embossing and dieing out ankle patches for tennis shoes. Reg. No. 9,243.

Pat. 2,094,007. FLEXING MACHINE. Patented Sept. 28, 1937. A machine for reducing the stiffness of a leather sole by bending it to loosen its fibers. Pairs of gripping jaws carried by a turret seize the heel ends of soles and carry the soles between pairs of flexing members which bend them alternately in opposite directions. Reg. No. 9,244.

Pat. 2,097,568. PERFORATING MACHINE. Patented Nov. 2, 1937. Relates to a perforating machine having mechanism by which the machine may be readily converted from a flat topped table machine into a post or arm machine and also having mechanism for spot punching, as well as a suction device for removing pieces of material cut out by the punches. Reg. No. 9,245.

Pat. 2,100,441. DRIER. Patented Nov. 30, 1937. Relates to apparatus for drying freshly cemented soles and stacking the dried soles. At each movement of an intermittently operated conveyor having an upward run and a downward run a freshly cemented sole is fed to the conveyor at the bottom of the upward run and a dry sole, deposited on a support at the bottom of the downward run, is fed out of the path of the conveyor and added to the bottom of a stack of dry soles. Reg. No. 9,246.

Pat. 2,102,731. LIP LAYING DEVICE. Patented Dec. 21, 1937. Relates to a rotary tool for laying sole channel lips. Strips of rubber are inserted in inclined slots in the smooth annular rim of an open ended hollow drum mounted on a driven shaft. Reg. No. 9,247.

TRADE-MARKS

OFFICIAL GAZETTE, MARCH 2, 1948

[VOL. 608. No. 1]

ACT OF 1905

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication. As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Marks published for opposition under the act of 1946 follow the 1905 publications.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 507,849. THE RESINOUS PRODUCTS & CHEMICAL COMPANY, Philadelphia, Pa. Filed Aug. 22, 1946.

AMBERLITE

FOR SYNTHETIC RESINOUS MATERIALS IN THE FORM OF GRANULES, POWDERS, AND SOLUTIONS FOR USE IN ADHESIVES.
Claims use since Nov. 2, 1940.

Ser. No. 511,581. SUSQUEHANNA CHEMICAL CORPORATION, Bradford, Pa. Filed Oct. 26, 1946.

SUSQUEHANNA CHEMICALS

The word "Chemicals" is disclaimed.
FOR CHARCOAL.
Claims use since Sept. 16, 1946.

Ser. No. 522,856. EAGLE-OTTAWA LEATHER COMPANY, Grand Haven, Mich. Filed May 22, 1947.

EAGLE ELK

Applicant disclaims exclusive use of the word "Elk" apart from the mark.
FOR LEATHER.
Claims use since 1870.

Ser. No. 522,860. EAGLE-OTTAWA LEATHER COMPANY, Grand Haven, Mich. Filed May 22, 1947.

BOULEVARD GRAIN

Applicant disclaims exclusive use apart from the mark of the word "Grain."
FOR LEATHER.
Claims use since January 1937.

Ser. No. 522,861. EAGLE-OTTAWA LEATHER COMPANY, Grand Haven, Mich. Filed May 22, 1947.

LOAFER

FOR LEATHER.
Claims use since January 1946.

Ser. No. 523,601. MITCHELHILL SEED COMPANY, St. Joseph, Mo. Filed June 5, 1947.

NEW ERA

FOR FIELD SEED AND GRASS SEED.
Claims use since Mar. 1, 1920.

Ser. No. 525,174. THE AMERICAN OAK LEATHER CO., Cincinnati, Ohio. Filed June 30, 1947. Under 10-year proviso.

AMERICAN OAK LEATHER

FOR LEATHER.
Claims use since 1881.

CLASS 2

RECEPTACLES

Ser. No. 517,838. EDMILTON CORPORATION, Ridgefield, Conn. Filed Feb. 20, 1947.

Florette

FOR PERFUME DISPENSERS COMPRISING AN EMPTY CONTAINER UTILIZING A CAPILLARY WICK.
Claims use since July 10, 1946.

Ser. No. 522,379. CELLO-MASTERS, INCORPORATED, New York, N. Y. Filed May 14, 1947.



FOR CELLOPHANE AND CELLULOSE ACETATE BAGS.
Claims use since Apr. 16, 1947.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 503,727. HAGERSTOWN LEATHER COMPANY, Hagerstown, Md. Filed June 12, 1946.



FOR BILLFOLDS.
Claims use since May 17, 1946.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 509,519. LANMAN & KEMP-BARCLAY & CO., INCORPORATED, New York, N. Y. Filed Sept. 21, 1946. Under 10-year proviso as to "Reuter."



The picture of a woman is fanciful. No claim is made to the words "Jabon de" and "de Lujo."
FOR SOAP.
Claims use on the precise form shown in the drawing since July 5, 1946 on the same mark with English wording having been continuously used and applied to said goods in applicant's business and in the business of applicant's predecessors since Sept. 23, 1924, and the word mark Reuter having been continuously used and applied to said goods in applicant's business and in the business of its predecessor since June 1, 1880.

Ser. No. 513,331. HELLMUTH NUSSBAUM, Belleville, N. J. Filed Nov. 27, 1946.

ANI-GLO

FOR CLEANER FOR RUGS AND OTHER TEXTILES, WHICH ALSO RESTORES THE LUSTER AND COLOR.
Claims use since Oct. 28, 1946.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 503,446. RICHARD HUDNUT, New York, N. Y. Filed June 7, 1946.

trois fleurs

FOR TALCUM POWDER, DUSTING POWDER, FACE POWDER, FOUNDATION CREAM, CLEANSING CREAM, AND BRILLIANTINE.
Claims use since Mar. 15, 1946, on talcum powder, dusting powder, and face powder, and since Feb. 26, 1946, on foundation cream, cleansing cream, and brilliantine.

Ser. No. 508,812. ONYX OIL & CHEMICAL COMPANY, Jersey City, N. J. Filed Sept. 10, 1946.

OROSET

FOR FOAMING AGENT, USED FOR PRODUCING RAPID AND COMPLETE PENETRATION OF SOLID MATERIALS BY LIQUIDS AND FOR LOWERING THE SURFACE TENSION OF LIQUIDS SO AS TO PRODUCE THE EXTENSIVE FORMATION OF BUBBLES UPON LIQUID SURFACES UPON THE AGITATION OF THE SUB-SURFACE PORTION OF THE SAME.
Claims use since on or about Aug. 7, 1946.

Ser. No. 515,767. KNAPP-MONARCH COMPANY, St. Louis, Mo. Filed Jan. 15, 1947.

SPRAYLETS

FOR SYPHON BULBS OR CAPSULES CONTAINING COMPRESSED OR LIQUEFIED GAS FOR CARBONATING AND/OR AERATING, WATER, CREAM, OR SIMILAR SUBSTANCES.
Claims use since Dec. 27, 1946.

Ser. No. 515,768. KNAPP-MONARCH COMPANY, St. Louis, Mo. Filed Jan. 15, 1947.

CHARGETS

FOR SYPHON BULBS OR CAPSULES CONTAINING COMPRESSED OR LIQUEFIED GAS FOR CARBONATING AND/OR AERATING WATER, CREAM, OR SIMILAR SUBSTANCES.
Claims use since Dec. 27, 1946.

Ser. No. 515,770. KNAPP-MONARCH COMPANY, St. Louis, Mo. Filed Jan. 15, 1947.

SPRAYETS

FOR SYPHON BULBS OR CAPSULES CONTAINING COMPRESSED OR LIQUIFIED GAS FOR CARBONATING AND/OR AERATING WATER, CREAM, OR SIMILAR SUBSTANCES.
Claims use since Dec. 27, 1946.

Ser. No. 517,161. C. & D. PRESCRIPTION PHARMACY, Texas City, Tex. Filed Feb. 7, 1947.

Drozd 101

Registration of the word "Drozd" is not claimed apart from the rest of the mark.
FOR PREPARATION USED IN THE TREATMENT OF COLDS AND FEVER, AND AN OINTMENT FOR THE RELIEF OF ATHLETE'S FOOT, RINGWORM, ITCH, AND POISON OAK.
Claims use since Apr. 20, 1946.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 508,084. ACME ALUMINUM ALLOYS, INC., Dayton, Ohio. Filed Aug. 27, 1946.



FOR METALLIC PRODUCTS OF MANUFACTURE CONSISTING OF CAST, FABRICATED AND SHAPED ARTICLES, SPECIFICALLY CASTINGS, WIRE, ROD, SHEET AND STRIP MATERIAL, COMPRISED OF ALUMINUM BASE ALLOYS.
Claims use since Jan. 9, 1946.

Ser. No. 508,086. ACME ALUMINUM ALLOYS, INC., Dayton, Ohio. Filed Aug. 27, 1946.

TRIPLE-A

FOR METALLIC PRODUCTS OF MANUFACTURE CONSISTING OF CAST, FABRICATED AND SHAPED ARTICLES, SPECIFICALLY CASTINGS, WIRE, ROD, SHEET, AND STRIP MATERIAL, COMPRISED OF ALUMINUM BASE ALLOYS.
Claims use since Jan. 9, 1946.

CLASS 15

OILS AND GREASES

Ser. No. 507,968. CHEMICAL CORPORATION OF AMERICA, Los Angeles, Calif. Filed Aug. 24, 1946.

THOROTANE

FOR LUBRICATING OIL.
Claims use since July 18, 1946.

Ser. No. 511,173. LOUISE S. MILLER, doing business as G. S. Miller Co., Sheffield, Mass. Filed Oct. 19, 1946.



FOR OIL USED IN GASOLINE TO LUBRICATE THE CYLINDERS OF AN INTERNAL COMBUSTION ENGINE TO AID IN FORMING A SEAL BETWEEN THE PISTONS AND PISTON RINGS ON THE ONE HAND, AND THE CYLINDER WALLS ON THE OTHER HAND, TO IMPROVE COMPRESSION, AND TO AID IN PREVENTING THE FORMATION OF CARBON DEPOSITS.
Claims use since Jan. 1, 1924.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 503,317. NEW YORK MERCHANDISE CO., INC., New York, N. Y. Filed June 5, 1946.

RENOWN

FOR ELECTRIC CHRISTMAS TREE LIGHT SETS.
Claims use since 1926.

Ser. No. 518,221. HARNISCHFEGER CORPORATION, Milwaukee, Wis. Filed Feb. 27, 1947.

P&H

FOR ELECTRIC GENERATORS; ELECTRIC WELDING GENERATORS; ELECTRIC WELDING TRANSFORMERS; ENGINE DRIVEN ELECTRIC WELDERS; ELECTRIC WELDER OUTPUT CONTROLS; ELECTRIC WELDER ELECTRODE HOLDERS; ELECTRIC ARC TORCHES; ELECTRIC PERFORMANCE INDICATING RELAYS FOR ELECTRIC WELDERS; ELECTRICAL REGULATING AND ADJUSTING APPLIANCES FOR ELECTRIC WELDING GENERATORS AND TRANSFORMERS; AND ELECTRICALLY CONTROLLED SPEED GOVERNORS FOR INTERNAL COMBUSTION ENGINES.
Claims use since Dec. 24, 1917.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 485,319. WM. AINSWORTH & SONS, INC., Denver, Colo. Filed July 2, 1945. Under 10-year proviso.

AINSWORTH

Applicant is the owner of registration No. 426,259, issued Dec. 24, 1946, under the 10-year proviso of the act of 1905.
FOR BEAM BALANCES, PARTS AND ACCESSORIES OF SUCH BALANCES, BALANCE WEIGHTS AND POCKET TRANSITS.
Claims use since 1880 on beam balances; since 1884 on balance weights; since 1894 on pocket transits and since Mar. 26, 1945, with its present form.

CLASS 27

HOROLOGICAL INSTRUMENTS

Ser. No. 520,473. CHARLES S. RIVCHUN & SONS, Cleveland, Ohio. Filed Apr. 10, 1947.

Rembrandt

"Rembrandt" is the name of a famous Dutch painter of the seventeenth century.
FOR WATCHES AND CLOCKS.
Claims use since Oct. 1, 1936.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Ser. No. 500,987. LACTONA INCORPORATED, St. Paul, Minn. Filed Apr. 26, 1946.

Starlite

FOR HAIR BRUSHES AND HAIR BRUSH HANDLES.
Claims use since Apr. 1,1946.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 522,288. PAUL G. WILLIS, doing business as Paul Willis, Long Beach, Calif. Filed May 12, 1947.

COUNTRY HOUSE

The word "House" is disclaimed as a part of the mark as shown.
FOR BEDS, DRESSERS, CHEST OF DRAWERS, DESKS, SECRETARIES, SIDEBOARDS, DINING TABLES, BREAKFAST TABLES, CARD TABLES, CONSOLE TABLES, COFFEE TABLES, LAMP TABLES, END TABLES, NIGHT TABLES, SERVING TABLES, LIBRARY TABLES, DINING CHAIRS, SIDE CHAIRS, OCCASIONAL CHAIRS, AND DESK CHAIRS.
Claims use since Mar. 15, 1947.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 509,617. THOMAS H. URDAHL, Orlando, Fla., assignor, by mesne assignments, to Schape Manufacturing Company, Baltimore, Md. Filed Sept. 23, 1946.

DRYOMATIC

FOR DEHUMIDIFYING UNITS FOR REMOVING MOISTURE FROM AIR.
Claims use since July 15, 1946.

Ser. No. 520,671. AMERICAN INDUSTRIES, INCORPORATED, Hartford, Conn. Filed Apr. 15, 1947.

AMERICAN INDUSTRIES, INC.
HARTFORD, CONNECTICUT, U.S.A.

The words "American Industries, Inc., Hartford, Connecticut, U. S. A.," and the representation of North and South America are disclaimed.
FOR KEROSENE-FIRED COOK STOVES, RANGE OIL BURNERS, POWER OIL BURNERS, KEROSENE-FIRED WATER HEATERS, KEROSENE-FIRED SPACE HEATERS, AND PARTS FOR ABOVE PRODUCTS.
Claims use since Oct. 15, 1946.

CLASS 39

CLOTHING

Ser. No. 508,964. HENRI BENDEL, INC., New York, N. Y. Filed Sept. 13, 1946.



FOR GIRLS', MISSES' AND WOMEN'S COATS, SUITS, DRESSES, FURS—NAMELY, COATS, SCARVES AND JACKETS; JACKETS, HATS, TAMS, MUFFS, BLOUSES, SWEATERS, SCARVES, CORSETS, HANDKERCHIEFS, AND SHOES MADE OF LEATHER, RUBBER, AND FABRIC, AND COMBINATIONS OF THE SAME.
Claims use since Aug. 7, 1941.

Ser. No. 513,896. MURIEL BLOUSE & SPORTSWEAR, New York, N. Y. Filed Dec. 7, 1946.

Muriel

FOR WOMEN'S AND MISSES' BLOUSES.
Claims use since Sept. 29, 1943.

Ser. No. 518,245. MIGHTY MIDGET LEATHER GOODS CO., New York, N. Y. Filed Feb. 27, 1947.

Adjust-a-magic

No claim is made to the word "Adjust" apart from the mark.
FOR LEATHER AND FABRIC GARMENT BELTS.
Claims use since Dec. 11, 1946.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 495,020. THE FIRESTONE TIRE & RUBBER COMPANY, Akron, Ohio. Filed Jan. 19, 1946.

Twenty-first Century Fabrics

Applicant disclaims exclusive right to the word "Fabrics" apart from the mark.
FOR KNITTED, NETTED, AND TEXTILE FABRICS COMPOSED OF PLASTIC AND/OR SYNTHETIC FILAMENTS AND YARNS SOLD BY THE YARD.
Claims use since Oct. 29, 1945.

Ser. No. 495,021. THE FIRESTONE TIRE & RUBBER COMPANY, Akron, Ohio. Filed Jan. 19, 1946.

21st Century Fabrics

Applicant disclaims exclusive right to the use of the word "Fabrics" apart from the mark.
FOR KNITTED, NETTED, AND TEXTILE FABRICS COMPOSED OF PLASTIC AND/OR SYNTHETIC FILAMENTS AND YARNS SOLD BY THE YARD.
Claims use since Oct. 29, 1945.

Ser. No. 507,858. SIMTEX MILLS, DIVISION OF SIMMONS COMPANY, New York, N. Y. Filed Aug. 22, 1946.

Simtex

FOR TABLE NAPERY; BEDSPREADS; TICKINGS; SHIRTING AND OUTING FLANNEL IN THE PIECE; UPHOLSTERY, DECORATIVE AND PLAIN PIECE GOODS OF COTTON, LINEN, RAYON, SILK, NYLON AND/OR WOOL.
Claims use since July 2, 1946.

Ser. No. 507,859. SIMTEX MILLS, DIVISION OF SIMMONS COMPANY, New York, N. Y. Filed Aug. 22, 1946.

Simtex

FOR TABLE NAPERY; BEDSPREADS; TICKINGS; SHIRTING AND OUTING FLANNEL IN THE PIECE; UPHOLSTERY, DECORATIVE AND PLAIN PIECE GOODS OF COTTON, LINEN, RAYON, SILK, NYLON AND/OR WOOL.
Claims use since July 2, 1946.

Ser. No. 516,286. HOUSE BEAUTIFUL CURTAINS, INC., New York, N. Y. Filed Jan. 24, 1947.

Four④Line

The word "Line" and the representation of the stitched fabric are disclaimed.
FOR WINDOW CURTAINS AND CURTAIN MATERIALS IN THE PIECE MADE OF COTTON, RAYON, SILK, LINEN, AND MIXTURES THEREOF.
Claims use since Nov. 1, 1946.

CLASS 43

THREAD AND YARN

Ser. No. 509,743. J. THIRIEZ PERE & FILS & CARTIER-BRESSON, SOCIETE A RESPONSABILITE LIMITEE, Lille, France. Filed Sept. 25, 1946.

C B

FOR COTTON THREAD.
Claims use since 1840.

Ser. No. 523,674. JAMES LEES AND SONS COMPANY, Bridgeport, Pa. Filed June 6, 1947.

Golden Fleece

FOR YARNS MADE OF WOOL FIBERS.
Claims use since March 1875.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Ser. No. 490,963. PEPSI-COLA COMPANY, Long Island City, N. Y. Filed Nov. 2, 1945.

EVERVESS

FOR SPARKLING CARBONATED WATER.
Claims use since Oct. 2, 1945.

Ser. No. 504,683. ONE MOR, INC., Wilkes-Barre, Pa. Filed June 27, 1946.

The No. 1 Drink

No claim is made to the word "Drink" except as shown.
FOR NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS.
Claims use since Jan. 10, 1945.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 496,634. KUNGSHOLM BAKING CO., INC., Chicago, Ill. Filed Feb. 15, 1946.

CHIBS
KUNGSHOLM

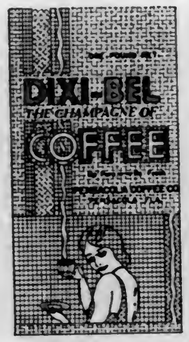
FOR COOKIES.
Claims use since Jan. 2, 1944.

Ser. No. 496,636. KUNGSHOLM BAKING CO., INC., Chicago, Ill. Filed Feb. 15, 1946.

GOLDIES
KUNGSHOLM

FOR COOKIES.
Claims use since Jan. 2, 1944.

Ser. No. 499,260. DARREY D. MITCHEOM, doing business as Pensacola Coffee Company, Pensacola, Fla. Filed Mar. 29, 1946.



The drawing is lined to indicate the colors orange, red, black, and yellow. The representation of the woman shown on the drawing is fanciful. All wording appearing on the drawing except the word "Dixi-Bel" is disclaimed apart from the mark as shown.
FOR COFFEE.
Claims use since Oct. 1, 1945.

Ser. No. 505,383. B & W FRUIT COMPANY, INC., Groveland, Fla. Filed July 11, 1946.

MARGERY DAW

The trade-mark of the applicant consists of a well-known nursery rhyme character.
FOR CANNED CITRUS JUICES.
Claims use since May 28, 1946.

Ser. No. 505,796. HARRY BINZER, Terre Haute, Ind. Filed July 18, 1946.

KWIKI

FOR DEEP FAT FRIED WIENER-WURST ON A STICK.
Claims use since July 5, 1946.

Ser. No. 510,126. J. STROMEYER COMPANY, Philadelphia, Pa. Filed Oct. 2, 1946.

DIXIE BELLE

FOR MOLASSES.
Claims use since 1931.

Ser. No. 512,035. WEST COAST GROWERS & PACKERS, INC., Fresno, Calif. Filed Nov. 4, 1946.



The representation of the girl's head is fanciful.
FOR SEEDLESS RAISINS, SEEDED RAISINS, AND DRIED CURRANTS.
Claims use since Oct. 7, 1946.

Ser. No. 513,992. UNION STARCH & REFINING COMPANY, Columbus, Ind. Filed Dec. 10, 1946.

WHITE SEAL

Applicant is the owner of Reg. No. 197,527.
FOR MARSHMALLOW CREAM.
Claims use since Nov. 14, 1946.

Ser. No. 514,273. THOMAS SLADE GORTON, JR., doing business as Slade Gorton Company, Chicago, Ill. Filed Dec. 14, 1946.



The portrait shown is that of a fanciful person.
FOR FROZEN FISH, SMOKED, AND FROZEN SHRIMP.
Claims use since June 1, 1939.

Ser. No. 521,821. QUAKER RIDGE FARMS BAKING CO., INC., New York, N. Y. Filed May 3, 1947.

QUAKER RIDGE FARMS

No claim is made to the word "Farms" apart from the mark shown.
FOR COOKIES, FRUIT PRESERVES, MARMALADE, AND JELLIES.
Claims use since Apr. 8, 1946.

CLASS 47

WINES

Ser. No. 515,315. JACOB KNOLL, doing business as Victor Winery, Lodi, Calif. Filed Jan. 6, 1947.



The mark comprises the letters "V. W."
FOR WINES.
Claims use since Apr. 15, 1946.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 512,312. JAMES A. ARMSTRONG, Rocky River, Ohio. Filed Nov. 9, 1946.



No claim is made to the word "Curl" apart from the mark.
FOR HAIR WAVING KITS, EACH SUCH KIT CONTAINING A SET OF CURLERS AND SUITABLE LOTIONS FOR APPLICATION TO THE HAIR IN THE CURLING AND SETTING OPERATIONS.
Claims use since June 1944.

Ser. No. 515,663. ITINERETTE PRODUCTS COMPANY, Vallejo, Calif. Filed Jan. 13, 1947.

Itinerette

FOR TOILET KIT CONSISTING OF A CASE CONTAINING A TOOTHBRUSH HEAD, SAFETY RAZOR HEAD, SHAVING CREAM CONTAINER SOLD EMPTY, SAFETY RAZOR BLADES OF THE DOUBLE EDGE TYPE AND COMBINATION TOOTH POWDER CONTAINER AND HANDLE FOR TOOTH BRUSH AND SAFETY RAZOR HEADS.
Claims use since Dec. 26, 1946.

ACT OF 1946

The following trade-marks are published in compliance with section 12(a) of the Trade-Mark Act of 1946. Notice of opposition under section 13 may be filed within thirty days of this publication. See Rules 20.1 to 20.5.
As provided by section 31 of said act, a fee of twenty-five dollars must accompany each notice of opposition.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 501,302. AMERICAN LEATHER NOVELTY CORPORATION, Jersey City, N. J. Filed July 16, 1947.

ALENCO

FOR WALLETS, KEY CASES, PURSES, PORTFOLIOS, CATALOGUE CASES, BILL FOLDS, SCHOOL BAGS, BRIEF CASES, HANDBAGS AND POCKETBOOKS, OF LEATHER, OF FABRIC, AND OF LEATHER AND FABRIC.
Claims use since Nov. 1, 1945.

Ser. No. 530,487. EVANS CASE CO., North Attleboro, Mass. Filed Aug. 5, 1947. Under section 2f of the act of 1946.

Evans

FOR HANDBAGS.
Claims use since 1925.

Ser. No. 530,617. BURLINGTON MILLS, INC., Burlington, Wis. Filed Aug. 6, 1947.

VENTIPLEX

Applicant claims ownership of registration No. 77,196.
FOR COLLAR PADS, SADDLE PADS, AND HOUSINGS FOR HORSE COLLARS AND HARNESS.
Claims use since Mar. 22, 1910.

Ser. No. 531,297. BOYLE LEATHER GOODS CO. INC., New York, N. Y. Filed Aug. 14, 1947.

MOON GLOW

FOR WARDROBE TRAVELLING BAGS, WARDROBE TRUNKS, SUIT CASES, HANDBAGS, TRAIN CASES, OVERNIGHT CASES, AND TOILET CASES.
Claims use since July 30, 1947.

Ser. No. 531,298. BOYLE LEATHER GOODS CO. INC., New York, N. Y. Filed Aug. 14, 1947.

BOYLEROBE

FOR WARDROBE TRAVELLING BAGS AND WARDROBE TRUNKS.
Claims use since February 1934.

Ser. No. 531,299. BOYLE LEATHER GOODS CO. INC., New York, N. Y. Filed Aug. 14, 1947.

BOYLASTIC

FOR WARDROBE TRAVELLING BAGS, WARDROBE TRUNKS, SUIT CASES, HANDBAGS, TRAIN CASES, OVERNIGHT CASES, AND TOILET CASES.
Claims use since February 1944.

Ser. No. 531,300. BOYLE LEATHER GOODS CO. INC., New York, N. Y. Filed Aug. 14, 1947.

DREAM CLOUD

FOR WARDROBE TRAVELLING BAGS, WARDROBE TRUNKS, SUIT CASES, HANDBAGS, TRAIN CASES, OVERNIGHT CASES, AND TOILET CASES.
Claims use since July 30, 1947.

Ser. No. 531,301. BOYLE LEATHER GOODS CO. INC., New York, N. Y. Filed Aug. 14, 1947.

SKY VIEW

FOR WARDROBE TRAVELLING BAGS, WARDROBE TRUNKS, SUIT CASES, HANDBAGS, TRAIN CASES, OVERNIGHT CASES, AND TOILET CASES.
Claims use since July 30, 1947.

Ser. No. 531,451. DIAMOND CASE CO. INC., New York, N. Y. Filed Aug. 15, 1947.

Constellation

FOR LUGGAGE—NAMELY, SUITCASES, OVERNIGHT CASES, HAT BOXES, SHOE BOXES, WARDROBE TRUNKS, AND HANDBAGS.
Claims use since Aug. 11, 1947.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 509,172. SOIL-OFF MANUFACTURING CO., Glendale, Calif. Filed July 29, 1947.

FEATHER BATH

Applicant disclaims the generic term "Bath" separately from the mark as shown.
FOR PREPARATION IN POWDERED FORM WITH A COSMETIC PREPARATION ADDED FOR THE BATHING OF DISHES, GLASSWARE, JEWELRY, CLOTHING, AND FOR THE BATH.
Claims use since July 1, 1946.

Ser. No. 529,367. CLIMAX INDUSTRIES, INC., Cleveland, Ohio, Filed July 24, 1947.

Climax

FOR PREPARATION FOR CLEANING WALLPAPER, "SANITAS," FRESCO, CALCIMINE, DECORATED PLASTER, WATER PAINTS, FLAT OIL PAINTS, AND WINDOW SHADES.
Claims use since June 21, 1895.

Ser. No. 531,778. THE DIVERSEY CORPORATION, Chicago, Ill. Filed Aug. 19, 1947. Under section 2f of the act of 1946.

DIVERSEY

Applicant claims ownership of registrations Nos. 388,267, 394,386, and 393,502.
FOR SCALE AND MILKSTONE DEPOSIT REMOVER IN POWDERED FORM FOR USE IN THE CLEANING OF MILK CANS AND MILKING MACHINERY, BAKERY PAN AND UTENSIL CLEANER, GENERAL CLEANER, OIL AND GREASE ABSORBENT COMPOUND FOR FLOORS, BOTTLE WASHING COMPOUND, CAN WASHING COMPOUND, HAND CLEANER, METAL CLEANER, ALL PURPOSE CLEANER IN POWDERED AND LIQUID FORMS HAVING INCIDENTAL WATER SOFTENING PROPERTIES AND METAL POLISH.
Claims use on scale and milkstone deposit remover in powdered form for use in the cleaning of milk cans and milking machinery since Jan. 11, 1939; on bakery pan and utensil cleaner since Dec. 10, 1928; on general cleaner since Sept. 15, 1924; on oil and grease absorbent compound for floors since September 1941; on bottle washing compound since March 1925; on can washing compound since Oct. 15, 1936; on hand cleaner since Feb. 1, 1945; on metal cleaner since April 1924; on all purpose cleaner in powdered and liquid forms having incidental water softening properties since Sept. 15, 1924; and on metal polish since Oct. 4, 1940.

Ser. No. 533,689. THE GEO. L. WILLIAMS COMPANY, Cleveland, Ohio. Filed Sept. 6, 1947.

HAN-GENE

FOR SOAP.
Claims use since Aug. 14, 1947.

Ser. No. 538,583. ORONITE CHEMICAL COMPANY, Wilmington, Del., and San Francisco, Calif. Filed Nov. 28, 1947.

PETRODET

FOR CLEANING, WASHING, AND POLISHING COMPOUNDS FOR USE IN GENERAL, HOUSEHOLD, PROFESSIONAL, COMMERCIAL, AND INDUSTRIAL CLEANING, WASHING, AND POLISHING.
Claims use since Sept. 19, 1947.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 504,371. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo. Filed July 5, 1947.

PYRIDOSE

FOR ORGANIC MERCURY COMPOUNDS FOR CONTROL OF PAPER MILL SLIME.
Claims use since June 11, 1946.

Ser. No. 508,960. BABY BLEACH CORP., Milwaukee, Wis. Filed Sept. 2, 1947.

Baby Bleach



The portrait is fanciful. No claim is made for the word "Bleach" apart from the mark.
FOR DISINFECTING AND DEODORIZING BLEACH FOR USE IN LAUNDERING.
Claims use since Aug. 10, 1946.

Ser. No. 510,636. ADCO, INC., Sedalia, Mo. Filed July 5, 1947. Under section 2f of the act of 1946.

PerfumaKones

FOR PRODUCT FOR DEODORIZING AND PERFUMING INTERIOR SPACES.
Claims use since 1923.

Ser. No. 511,079. GENERAL DYESTUFF CORPORATION, New York, N. Y. Filed July 10, 1947.

EMULPHOGENE

Applicant claims ownership of registration No. 259,507.
FOR EMULSIFYING AGENTS FOR FATTY OILS, MINERAL OILS AND COMBINATIONS THEREOF, AND FOR THE TEXTILE INDUSTRY; FOR SOFTENING AND PLASTICIZING AGENTS FOR OILS; AND FOR STABILIZERS TO BE ADDED TO EMULSIONS OF RUBBER AND SIMILAR MATERIALS.
Claims use since Aug. 30, 1946.

Ser. No. 513,675. MONSANTO CHEMICAL COMPANY, St. Louis, Mo. Filed July 12, 1947.

SIREZ

FOR SYNTHETIC RESINS FOR GENERAL USE IN THE TREATMENT OF TEXTILES INCLUDING THE DRESSING AND FINISHING OF YARNS, FIBERS AND FABRICS, THE BINDING OF PIGMENTS IN TEXTILE PRINTING, AND THE THICKENING OF TEXTILE PRINTING PASTES.
Claims use since Oct. 24, 1946.

Ser. No. 514,528. THE DIVERSEY CORPORATION, Chicago, Ill. Filed July 19, 1947.

DIVOBAN

FOR INSECTICIDE.
Claims use since Nov. 26, 1946.

Ser. No. 514,617. MONSANTO CHEMICAL COMPANY, St. Louis, Mo. Filed July 12, 1947.

REZGARD

FOR FIRE-REPELLENT COMPOSITION CONTAINING PHOSPHATES FOR TEXTILES AND OTHER FIBROUS PRODUCTS.
Claims use since Oct. 29, 1946.

Ser. No. 519,483. MONSANTO CHEMICAL COMPANY, St. Louis, Mo. Filed July 28, 1947.

BIOQUIN

FOR CHEMICAL PRODUCTS FOR USE AS AGRICULTURAL INSECTICIDES, FUNGICIDES, AND HERBICIDES.
Claims use since Feb. 7, 1947.

Ser. No. 523,685. LANOLIN CORPORATION OF AMERICA Los Angeles, Calif. Filed Oct. 13, 1947.

LANOGENE

FOR FACIAL OIL FOR SOFTENING THE SKIN.
Claims use since May 22, 1947.

Ser. No. 524,564. J. W. QUINN DRUG COMPANY, Greenwood, Miss. Filed Sept. 8, 1947.

IN-SEC-TOL

Applicant claims ownership of registration No. 148,192.
FOR INSECTICIDES.
Claims use since April 1919.

Ser. No. 524,817. ANATOLE ROBBINS, INC., Los Angeles, Calif. Filed Sept. 12, 1947.

forty thieves

FOR PERFUME.
Claims use since Dec. 16, 1940.

Ser. No. 525,506. THE SELIG COMPANY, Atlanta, Ga. Filed Sept. 3, 1947.

SELCOL

FOR DISINFECTANT GERMICIDE FOR SANITATION OF DISHES, GLASSWARE, COOKING UTENSILS, SILVERWARE, BOTTLES, GARBAGE PAILS, ETC.
Claims use since Jan. 29, 1947.

Ser. No. 526,912. CHAS. PFIZER & CO., INC., New York, N. Y. Filed July 5, 1947.

PECTICILLIN

FOR PENICILLIN PREPARATION.
Claims use since June 17, 1947.

Ser. No. 526,929. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo. Filed July 5, 1947.

ALBUSOL

Applicant claims ownership of registration No. 239,593.
FOR SOLUTION OF EGG ALBUMIN EMPLOYED IN THE PROCESSES OF PHOTO-ENGRAVING AND PHOTO LITHOGRAPHY.
Claims use since Aug. 1, 1927.

Ser. No. 527,791. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio. Filed July 5, 1947.

CHESPIN

FOR MIXTURE OF CHESTNUT WOOD AND PINE BARK TANNINS.
Claims use since Sept. 7, 1943.

Ser. No. 528,497. LES PARFUMS NORANTE, SOCIÉTÉ A RESPONSABILITÉ LIMITÉE, Melun, France. Filed July 12, 1947.

MURMEL

FOR PERFUMES, TOILET WATERS, ROUGE, LIPSTICK, AND FACE CREAMS.
Claims use since Jan. 22, 1935.

Ser. No. 528,553. EUGENE BURT COMPANY, Kansas City, Kans. Filed July 14, 1947.

HAIREVER

FOR SCALP AND HAIR TONIC.
Claims use since July 2, 1947.

Ser. No. 529,546. BAYBANK PHARMACEUTICALS, INC., New York, N. Y. Filed July 26, 1947.

NARAKON

FOR NASAL SOLUTION.
Claims use since Feb. 7, 1947.

Ser. No. 529,890. GEIGY COMPANY, INC., New York, N. Y. Filed July 29, 1947.

GY-TET

FOR INSECTICIDES.
Claims use since May 19, 1947.

Ser. No. 530,264. THE VALENTINE COMPANY, Seattle, Wash. Filed Aug. 1, 1947.

VALCO

FOR CHEMICALS FOR TREATING BOILER FEED WATER FOR PREVENTION OF SCALE, RUST AND CORROSION, CHEMICALS FOR TREATING REFRIGERATION BRINES TO CONTROL FREEZING TEMPERATURE, TO INHIBIT CORROSION, AND FOR COLORING THE BRINE, AND CHEMICALS FOR REMOVING SOOT FROM THE FIRE-BOX AND TUBES OF BOILERS AND FURNACES.
Claims use since Nov. 1, 1924.

Ser. No. 530,716. JOE C. BODE, JR., doing business as Manson Distributors, Aurora, Ill. Filed Aug. 7, 1947.

BEAUTISTIK

FOR PREPARATION IN STICK FORM USED IN THE TREATMENT OF MINOR SKIN AILMENTS.
Claims use since July 1, 1947.

Ser. No. 530,738. ELI LILLY AND COMPANY, Indianapolis, Ind. Filed Aug. 7, 1947.

BELILY S

FOR MEDICINAL PREPARATION OF THIAMIN CHLORIDE USED IN VITAMIN B DEFICIENCIES.
Claims use since Aug. 1, 1946.

Ser. No. 531,153. J. B. ROERIG AND COMPANY, Chicago, Ill. Filed Aug. 12, 1947.

AMION

FOR TOOTH POWDER.
Claims use since May 13, 1947.

Ser. No. 531,572. ABBOTT LABORATORIES, North Chicago, Ill. Filed Aug. 16, 1947.

VITA-KAPS

Applicant claims ownership of registration No. 355,174.
FOR MULTIPLE VITAMIN PREPARATION.
Claims use since August 1939.

Ser. No. 531,624. SPECIFIC PHARMACEUTICALS, INC., New York, N. Y. Filed Aug. 16, 1947.

LYMETHILE

FOR MEDICINAL OR PHARMACEUTICAL PREPARATION DESCRIBED AS FOLLOWS: A CHOLAGOGUE AND CHOLERETIC FOR ORAL AND PARENTERAL USE.
Claims use since June 16 1947.

Ser. No. 531,632. U. S. SANITARY SPECIALTIES CORPORATION, Chicago, Ill. Filed Aug. 16, 1947.

Aerzonator

Applicant claims ownership of registrations Nos. 264,096 and 136,679.
FOR INSECTICIDE, DEODORANT, AND DISINFECTANT.
Claims use since April 1918.

Ser. No. 532,169. R. J. STRASENBURGH COMPANY, Rochester, N. Y. Filed Aug. 22, 1947.

NAPRYLATE

FOR MEDICINAL PREPARATION IN LIQUID, POWDER AND OINTMENT FORM FOR TREATING ATHLETE'S FOOT AND OTHER FUNGOUS INFECTIONS OF THE SKIN.
Claims use since May 28, 1947.

Ser. No. 532,337. PARKE, DAVIS & COMPANY, Detroit, Mich. Filed Aug. 25, 1947.

SURITAL

FOR HYPNOTIC PREPARATION.
Claims use since Aug. 15, 1947.

Ser. No. 532,453. HUNTINGTON MEDICAL LABORATORY, INC., Huntington, N. Y. Filed Aug. 26, 1947.

POLYGEN

FOR ANTIGENIC SUBSTANCE FOR ASTHMA.
Claims use since Aug. 6, 1947.

Ser. No. 534,430. GEIGY COMPANY, INC., New York, N. Y. Filed Sept. 13, 1947.

GY-PHENE

FOR INSECTICIDES.
Claims use since June 30, 1947.

Ser. No. 534,474. ROHM & HAAS COMPANY, Philadelphia, Pa. Filed Sept. 13, 1947.

RHONITE

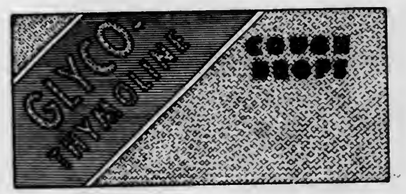
Applicant claims ownership of registration No. 337,131.
FOR POWDERED SYNTHETIC RESINS AND SOLUTIONS THEREOF FOR PRODUCING SPECIAL FINISHES ON TEXTILES, FIBERS, AND FIBROUS MATERIALS.
Claims use since May 6, 1947.

Ser. No. 534,542. WILLIAM J. MCNULTY, doing business as The Elbon Laboratories, Montclair, N. J. Filed Sept. 15, 1947.

Wenga

FOR SOLUTION, THE ACTIVE INGREDIENTS OF WHICH ARE BORIC ACID, PONTOCAINE ADRENALIN, MERCURY OXYCYANIDE, TO BE USED AS DIRECTED BY A PHYSICIAN.
Claims use since Sept. 11, 1938.

Ser. No. 534,896. KRESS & OWEN COMPANY, New York, N. Y. Filed Sept. 18, 1947.



The drawing is lined for the colors blue and orange. No claim is made to the words "Cough Drops." Applicant claims ownership of registrations Nos. 20,665, 38,081, 45,169, 241,934, and 369,803.
FOR COUGH DROPS.
Claims use since Jan. 13, 1939.

Ser. No. 535,188. SHARP & DOHME, INCORPORATED, Philadelphia, Pa. Filed Sept. 20 1947.

DELVAMID

Applicant claims ownership of registration No. 363,168.
FOR PREPARATION FOR USES COMPRISING THOSE OF ANALGESIC, ANESTHETIC, HYPNOTIC, SEDATIVE, SLEEP-PRODUCING, AND VASO-DILATION AGENTS.
Claims use since Sept. 4, 1947.

Ser. No. 535,189. SHARP & DOHME, INCORPORATED, Philadelphia, Pa. Filed Sept. 20, 1947.

TRESAMIDE

FOR ANTIBACTERIAL PREPARATION.
Claims use since Sept. 4, 1947.

Ser. No. 535,291. AMERICAN CYANAMID COMPANY, New York, N. Y. Filed Sept. 23, 1947.

HETRAZAN

Applicant claims ownership of registration No. 432,540.
FOR SYNTHETIC ORGANIC CHEMICAL FOR THE TREATMENT OF FILARIASIS AND OTHER PARASITIC DISEASES.
Claims use since Aug. 14, 1947.

Ser. No. 535,363. AMERICAN CYANAMID COMPANY, New York, N. Y. Filed Sept. 23, 1947.

3422

FOR PARATHION IN WETTABLE POWDER, DUST, AEROSOL, EMULSION OR SOLUTION FORM, FOR USE AS AN INSECTICIDE, RODENTICIDE, FUNGICIDE, FUMIGANT, ACARICIDE, HERBICIDE, ARTHROPODICIDE, AND BACTERIOCIDE.
Claims use since Sept. 15, 1947.

Ser. No. 536,035. B. C. REMEDY COMPANY, Durham, N. C. Filed Sept. 29, 1947.

BC

Applicant claims ownership of registration No. 98,564.
FOR REMEDY FOR HEADACHE AND NEURALGIA IN POWDER AND TABLET FORM.
Claims use since February 1912.

Ser. No. 536,625. JEANNETTE E. MCPHEETERS, doing business as Howland House Distributors, Indianapolis, Ind. Filed Oct. 3, 1947.

Josaï

FOR CREAM SHAMPOO.
Claims use since July 14, 1947.

Ser. No. 536,984. ANATOLE ROBBINS, INC., doing business as Anatole Robbins, Los Angeles, Calif. Filed Oct. 7, 1947.

ANATOLE

FOR MAKE-UP PREPARATION FOR THE FACE, ALSO USED AS A POWDER BASE, IN LIQUID AND CREAM FORM; PERFUME, COLOGNE, AFTERSHAVE LOTION, HAIR SHAMPOO, FACIAL OIL, FACE CREAM, LIQUID FACE MASK, EYE SHADOW, ROUGE, LIPSTICK, FACE POWDER, SKIN FRESHENER, SKIN TONE, LIP ROUGE, NIGHT CREAM, LEG MAKE-UP, HAND LOTION, CLEANSING CREAM, BATH OIL, AND BRILLIANTINE.
Claims use since October 1938.

Ser. No. 537,101. TENNESSEE CORPORATION, New York, N. Y., and Tampa, Fla. Filed Oct. 7, 1947.

SPRAYSUL

FOR WETTABLE SULPHUR.
Claims use since 1938.

CLASS 7
CORDAGE

Ser. No. 530,204. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill. Filed Aug. 1, 1947.

CK

No claim is made to the word "Brand" apart from the mark. Applicant claims ownership of registration No. 132,974.
FOR TWINE.
Claims use since June 1, 1946.

Ser. No. 531,232. THERON V. MOSS, doing business as Southeastern Cordage, Cleveland, Ohio. Filed Aug. 13, 1947.

South-Eastern

FOR COTTON, FLAX, JUTE, HEMP, SISAL, AND MANILA CORDS, TWINES AND ROPES—NAMELY, CLOTHES LINES; SASH CORDS, SEWING TWINES, UPHOLSTERY TWINES, SEINE TWINES, TAG STRINGS, AWNING CORDS, VENETIAN BLIND CORDS, AND MOP YARNS.
Claims use since Mar. 1, 1946.

CLASS 11
INKS AND INKING MATERIALS

Ser. No. 509,722. THE PARKER PEN COMPANY, Janesville, Wis. Filed July 16, 1947.

SUPERCHROME

FOR WRITING INK.
Claims use since Sept. 4, 1946.

Ser. No. 523,241. CODO MANUFACTURING CORP., Cornopolis, Pa., and Chicago, Ill. Filed Aug. 18, 1947.

Super-Treated

No claim is made to the word "Treated," except in the association shown.
FOR CARBON PAPER.
Claims use since Aug. 31, 1942.

Ser. No. 535,303. COLUMBIA RIBBON & CARBON MANUFACTURING COMPANY, INC., Glen Cove, N. Y. Filed Sept. 23, 1947.

Ready-Master

Applicant claims ownership of registration No. 388,795.
FOR CARBON PAPER.
Claims use since Feb. 1, 1941.

Ser. No. 535,304. COLUMBIA RIBBON & CARBON MANUFACTURING COMPANY, INC., Glen Cove, N. Y. Filed Sept. 23, 1947.

TITAN

Applicant claims ownership of registration No. 431,743.
FOR CARBON PAPER.
Claims use since January 1919.

Ser. No. 535,418. A. P. LITTLE, INC., Rochester, N. Y. Filed Sept. 23, 1947.

GOLD SEAL

FOR TYPEWRITER RIBBONS AND CARBON PAPER.
Claims use since 1905.

Ser. No. 537,412. THE CALIFORNIA INK COMPANY, INC., San Francisco, Calif. Filed Oct. 10, 1947.



FOR INKS, PARTICULARLY PRINTING INKS.
Claims use since Jan. 2, 1925.

Ser. No. 538,019. MARKEM MACHINE COMPANY, Keene, N. H. Filed Oct. 16, 1947.

MM

FOR INK FOR USE IN MARKING MACHINES, AND THINNING COMPOUND FOR SUCH INKS.
Claims use since January 1930.

CLASS 12

CONSTRUCTION MATERIALS

Ser. No. 532,235. JOHNS-MANVILLE CORPORATION, New York, N. Y. Filed Aug. 23, 1947.

AEROTUBE

FOR FLEXIBLE TUBULAR THERMAL INSULATION.
Claims use since Dec. 3, 1946.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 512,293. TALON, INC., Meadville, Pa. Filed July 5, 1947.

T

Applicant claims ownership of registration No. 381,511.
FOR STAPLES FOR USE AS STOPS FOR SLIDE FASTENERS.
Claims use since about December 1938.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 527,007. THE EDWIN F. GUTH COMPANY, St. Louis, Mo. Filed July 5, 1947.

ARISTOLITE

FOR ELECTRIC LIGHTING FIXTURES.
Claims use since Sept. 25, 1923.

Ser. No. 527,018. THE EDWIN F. GUTH COMPANY, St. Louis, Mo. Filed July 5, 1947.

BDHIC

FOR ELECTRIC LIGHTING FIXTURES.
Claims use since Dec. 12, 1933.

Ser. No. 527,103. THE EDWIN F. GUTH COMPANY, St. Louis, Mo. Filed July 5, 1947.

AGLITE

Applicant claims ownership of registration No. 108,726.
FOR FIXTURES FOR ELECTRIC LIGHTS.
Claims use since Oct. 15, 1915.

CLASS 24

LAUNDRY APPLIANCES AND MACHINES

Ser. No. 516,181. FORBE CORPORATION, Anderson, Ind. Filed July 5, 1947.

SILVER STREAK

FOR STEAM AND AIR PRESSING MACHINES OF THE TYPE USED IN LAUNDRY AND CLEANING, PRESSING, AND DYEING ESTABLISHMENTS.
Claims use since Jan. 15, 1947.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Ser. No. 533,204. RUBICO BRUSH MANUFACTURERS, INC., New York, N. Y. Filed Sept. 3, 1947.

RUBICO

Applicant claims ownership of registration No. 111,289.
FOR PAINT BRUSHES, WALL BRUSHES, STUCCO WALL BRUSHES, VARNISH BRUSHES, PAINTERS' DUSTERS, WHITEWASH BRUSHES, AND KALSOMINE BRUSHES.
Claims use since Oct. 1, 1915.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 531,540. THERMOID COMPANY, Trenton, N. J. Filed Aug. 15, 1947.

FARMOID

FOR TRANSMISSION BELTING.
Claims use since March 1946.

CLASS 37

PAPER AND STATIONERY

Ser. No. 527,030. GEORGE B. GRAFF COMPANY, Cambridge, Mass. Filed July 5, 1947.

VISE

Applicant claims ownership of registrations Nos. 136,818 and 195,155.
FOR PAPER CLIPS, FILE-SIGNALS, AND INDEX TABS.
Claims use since April 1909.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 532,156. PAPER CRAFT PRODUCTS, INC., Worcester, Mass. Filed Aug. 22, 1947.

Homestead

FOR GREETING CARDS.
Claims use since Oct. 1, 1946.

CLASS 39

CLOTHING

Ser. No. 526,628. SUZANNE TARDY, doing business as French Art Silk Creations Co., New York, N. Y. Filed July 5, 1947.

Prince Vézy

FOR WEARING APPAREL FOR MEN, WOMEN, AND CHILDREN, NAMELY—NECKTIES, SCARFS, BATHROBES, DRESSING GOWNS, DRESS AND NEGLIGEE SHIRTS, UNDERWEAR, HANDKERCHIEFS, HATS, SUITS, COATS, PANTS, VESTS, HOSIERY, DRESSES, SHOES MADE OF FABRIC OR LEATHER AND COMBINATIONS OF THE SAME, BATHING SLIPPERS, BEDROOM SLIPPERS, BATHING SUITS, RIDING HABITS, SPORTS JACKETS, SLACKS, AND EVENING GOWNS.
Claims use since Aug. 9, 1945.

Ser. No. 528,112. CORMAN & WASSERMAN, Baltimore, Md., assignor to Corman & Wasserman, Inc., Baltimore, Md., a corporation of Maryland. Filed July 8, 1947.

Slackfrost

FOR MEN'S SLACKS AND SLACKS AND SHIRT ENSEMBLES.
Claims use since June 24, 1947.

Ser. No. 534,756. DE LUXE GIRDLECRAFT CO. INC., New York, N. Y. Filed Sept. 17, 1947.

2B

FOR MATERNITY BELTS MADE OF SATIN ELASTIC MATERIAL.
Claims use since June 30, 1947.

Ser. No. 534,775. ABE GRUBER, New York, N. Y. Filed Sept. 17, 1947.

HOOPLA

FOR LADIES' AND MISSES' CORSETS AND GIRDLES.
Claims use since June 1, 1946.

Ser. No. 535,473. BUCKEYE GLOVE CO., Toledo, Ohio. Filed Sept. 24, 1947.

HOTSY

FOR WORK GLOVES OF FABRIC, LEATHER, AND COMBINATIONS THEREOF.
Claims use since Jan. 15, 1934.

Ser. No. 535,477. BUCKEYE GLOVE CO., Toledo, Ohio. Filed Sept. 24, 1947.

TOTSY

FOR WORK GLOVES OF FABRIC, LEATHER, AND COMBINATIONS THEREOF.
Claims use since Jan. 15, 1934.

Ser. No. 535,478. BUCKEYE GLOVE CO., Toledo, Ohio. Filed Sept. 24, 1947.

TEN BELO

FOR WORK GLOVES OF FABRIC, LEATHER, AND COMBINATIONS THEREOF.
Claims use since Dec. 15, 1939.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 502,681. BELL BEDSPREADS, INC., New York, N. Y. Filed July 30, 1947.



FOR BEDSPREADS.
Claims use since February 1946.

CLASS 43

THREAD AND YARN

Ser. No. 531,181. THE AMERICAN THREAD COMPANY, New York, N. Y. Filed Aug. 13, 1947.

STAR

Applicant claims ownership of registrations Nos. 25,632, 25,633, 63,208, 163,007, 170,056, 281,875, 281,995, 334,819, and 342,634.
FOR THREAD AND YARN.
Claims use since 1889.

Ser. No. 531,182. THE AMERICAN THREAD COMPANY, New York, N. Y. Filed Aug. 13, 1947.



Applicant claims ownership of registrations Nos. 25,632, 25,633, 63,208, 163,007, 170,056, 281,875, 281,995, 334,891, and 342,634.
FOR THREAD AND YARN.
Claims use since Nov. 13, 1914.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 531,687. WM. L. LA VENTURE, doing business as Adventure Co., Huntington Park, Calif. Filed Aug. 18, 1947.

ADVENTURE

FOR FOOT CUSHIONS MADE OF SPONGE RUBBER COVERED WITH LEATHER TO BE WORN IN THE SHOES OF MEN AND WOMEN.
Claims use since July 24, 1947.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Ser. No. 527,416. BLANKE-BAER EXTRACT & PRESERVING COMPANY, St. Louis, Mo. Filed July 5, 1947.

WIN-YOU

Applicant claims ownership of registrations Nos. 238,210, 237,978, 240,295, 391,854, 393,207, 393,518, and 425,745.
FOR FLAVORING EXTRACTS AND FOUNTAIN SYRUPS USED IN THE PREPARATION AND FLAVORING OF NONALCOHOLIC MALTLESS BEVERAGES SOLD AS SOFT DRINKS.
Claims use since August 1918.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 514,011. COACHELLA VALLEY GRAPE GROWERS ASSOCIATION INC., Coachella, Calif. Filed Aug. 18, 1947.



FOR FRESH GRAPES.
Claims use since June 17, 1913.

Ser. No. 516,317. THE ROBINSON MILLING COMPANY, Salina, Kans. Filed Sept. 22, 1947.



The drawing is lined for the colors red, yellow, blue, green, and brown.
FOR WHEAT FLOUR.
Claims use since Apr. 12, 1937.

Ser. No. 516,884. ATLAS POWDER COMPANY, Wilmington, Del. Filed July 19, 1947.

MERJ

FOR EMULSIFYING AGENTS IN THE NATURE OF POLYOXYETHYLENE DERIVATIVES OF FATTY ACIDS DERIVED FROM FATS OR OILS, FOR USE IN THE MANUFACTURE OF SUCH MATERIALS AS BREAD, CAKE, ICE CREAM, FILLINGS AND THE LIKE AND ALSO FOR USE AS A CRUMB SOFTENER AND STALING RETARDER FOR BAKERY PRODUCTS.
Claims use since Jan. 7, 1947.

Ser. No. 528,274. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed July 10, 1947.

A&P

Applicant claims ownership of registrations Nos. 62,926, 63,071, 63,309, 142,436, 198,278, 216,257, 339,101, and 392,613.
FOR DRIED APRICOTS, PEACHES, PRUNES, APPLES, PEARS, MIXED FRUITS AND NECTARINES; FRESH WASHED SPINACH, MIXED SALAD, BEET GREENS, AND COLE SLAW.
Claims use on dried apricots, peaches, prunes, apples, pears and mixed fruits since Mar. 8, 1947; on dried nectarines since June 30, 1947; on fresh washed spinach and cole slaw since Mar. 6, 1947; on fresh mixed salad and beet greens since June 30, 1947.

Ser. No. 528,276. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed July 10, 1947.

SULTANA

Applicant claims ownership of registrations Nos. 62,927, 87,622, 160,510, 267,531, and 279,558.
FOR CANNED TOMATOES, RED BEANS, RED KIDNEY BEANS, WHOLE GREEN BEANS, PEAS, PEACHES, AND APRICOTS.
Claims use since 1870 on tomatoes, red beans, red kidney beans, whole green beans, and peas; and since 1908 on peaches and apricots.

Ser. No. 528,277. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed July 10, 1947.

SULTANA

Applicant claims ownership of registrations Nos. 62,927, 87,622, 160,510, 267,531, and 279,558.
FOR PEANUT BUTTER; JAM—NAMELY, BLACK RASPBERRY-APPLE; PREPARED MUSTARD; SALAD DRESSING; OLIVES, PLAIN AND STUFFED; OLIVE OIL; COCOA; PRESERVES—NAMELY, RASPBERRY-APPLE, PEACH-APPLE, LOGANBERRY-APPLE, YOUNGBERRY-APPLE, APRICOT-APPLE, STRAWBERRY-APPLE, BLACKBERRY-APPLE, PINEAPPLE-APPLE, BOYSENBERRY-APPLE; MINT FLAVORED JELLY AND ORANGE MARMALADE.
Claims use on peanut butter since 1922; on jam since 1923; on mustard since Feb. 5, 1941; on salad dressing since June 22, 1943; on olives since August 1932; on olive oil since July 1943; on cocoa since January 1942; on preserves since 1943; on mint jelly since May 1933; and on orange marmalade since February 1943.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Ser. No. 497,774. ABRAM SMITH BOWMAN, doing business as A. Smith Bowman Distillery, Sunset Hills, Va., assignor to A. Smith Bowman, E. De Long Bowman, and A. Smith Bowman, Jr., a partnership doing business as A. Smith Bowman Distillery, Sunset Hills, Va. Filed July 5, 1947. Under section 2f of the act of 1946.

Fairfax County

FOR WHISKEY.
Claims use since Jan. 19, 1939.

TRADE-MARK REGISTRATIONS GRANTED

ACT OF 1905

MARCH 2, 1948

436,848. PIECE GOODS OF RAYON, COTTON, WOOL, SILK, AND MIXTURES THEREOF. RELIABLE TEXTILE CO., INC., New York, N. Y.
Filed May 26, 1944. Serial No. 470,680. PUBLISHED DECEMBER 2, 1947. Class 42.

436,849. SMOKERS' PIPES. EMPIRE BRIAR PIPE CO., INC., Brooklyn, N. Y.
Filed August 31, 1944. Serial No. 473,774. PUBLISHED SEPTEMBER 9, 1947. Class 8.

436,850. NON-ALCOHOLIC, NON-CEREAL, MALTLESS, CARBONATED AND NON-CARBONATED BEVERAGES SOLD AS SOFT DRINKS, AND SYRUPS AND EXTRACTS FOR MAKING THE SAME. B-1 BEVERAGE COMPANY, also doing business as B-1 Beverage Co., St. Louis, Mo.
Filed September 9, 1944. Serial No. 474,017. PUBLISHED NOVEMBER 25, 1947. Class 45.

436,851. PASTE-LIKE PREPARATION FOR SHAVING, WITH INCIDENTAL SKIN-HEALING PROPERTIES. THE BARBASOL COMPANY, Indianapolis, Ind.
Filed December 22, 1944. Serial No. 477,833. PUBLISHED NOVEMBER 18, 1947. Class 4.

436,852. BED-SPRINGS, MATTRESSES, AND PILLOWS. CHARLES P. ROGERS & CO., INC., New York, N. Y.
Filed January 27, 1945. Serial No. 479,093. PUBLISHED NOVEMBER 25, 1947. Class 32.

436,853. HOSIERY. CHESTER H. ROTH CO., INC., New York, N. Y., assignor to Miles Shoes Incorporated, New York, N. Y., a corporation of New York.
Filed February 1, 1945. Serial No. 479,308. PUBLISHED MAY 15, 1945. Class 39.

436,854. GIRLS', MISSES' AND WOMEN'S SUITS, COATS, DRESSES, SWEATERS, BLOUSES, SLACKS, SKIRTS, NIGHT GOWNS, NIGHT SHIRTS, PETTICOATS, PANTIES, HATS, SLIPS, PAJAMAS, LOUNGING ROBES, BATH ROBES AND BEACH ROBES, ETC. BOND STORES, INCORPORATED, New York, N. Y.
Filed February 17, 1945. Serial No. 479,914. PUBLISHED DECEMBER 9, 1947. Class 39.

436,855. BRACELETS, NECKLACES, AND EARRINGS, MADE OF PRECIOUS METALS AND OF BASE METALS. SOL M. SCHWARZSCHILD, Richmond, Va.
Filed September 6, 1945. Serial No. 488,053. PUBLISHED DECEMBER 2, 1947. Class 28.

436,856. SILK LACE NETS BEING PIECE GOODS. BYARD MANUFACTURING COMPANY LIMITED, Nottingham, England.
Filed September 14, 1945. Serial No. 488,449. PUBLISHED DECEMBER 2, 1947. Class 42.

436,857. MEN'S, WOMEN'S, AND CHILDREN'S UNDERWEAR, HOSIERY, PYJAMAS, NIGHTDRESSES, NIGHT SHIRTS, BATHING SUITS, SWIMMING SUITS, TRUNKS, AND KNITTED DRESSES AND FROCKS. LOMAS & REID (1933) LTD., Nottingham, England.
Filed October 12, 1945. Serial No. 489,877. PUBLISHED NOVEMBER 18, 1947. Class 39.

436,858. PIECE GOODS OF COTTON, RAYON, WOOL, AND/OR SILK, OR COMBINATIONS THEREOF. COHN-HALL-MARX CO., New York, N. Y.
Filed October 22, 1945. Serial No. 490,286. PUBLISHED NOVEMBER 25, 1947. Class 42.

436,859. TICKINGS, READY-MADE PILLOW TICKS. LEVINSOHN TEXTILE CO., New York, N. Y.
Filed October 27, 1945. Serial No. 490,593. PUBLISHED NOVEMBER 25, 1947. Class 42.

436,860. TOILET SOAPS. CHARLES OF THE RITZ, INC., New York, N. Y.
Filed November 10, 1945. Serial No. 491,398. PUBLISHED APRIL 9, 1946. Class 4.

436,861. COAL. HOLMES-DARST COAL CORPORATION, Knoxville, Tenn.
Filed November 19, 1945. Serial No. 491,831. PUBLISHED NOVEMBER 18, 1947. Class 1.

436,862. WORK GLOVES. WELLS LAMONT CORPORATION, Chicago, Ill.
Filed December 18, 1945. Serial No. 493,498. PUBLISHED NOVEMBER 18, 1947. Class 39.

436,863. RODS, TUBES AND PARTLY PREPARED ARTICLES, ETC. INDUSTRIAL SYNTHETICS CORPORATION, Irvington, N. J.
Filed December 20, 1945. Serial No. 493,601. PUBLISHED DECEMBER 2, 1947. Class 1.

436,864. TOILET SOAP SOLD IN BAR FORM. SAMUEL GREENBLATT, doing business as Monogram Soap Company, Hollywood, Calif.
Filed December 27, 1945. Serial No. 493,924. PUBLISHED FEBRUARY 11, 1947. Class 4.

436,865. JEWELRY FOR PERSONAL ADORNMENT (NOT INCLUDING WATCHES). GOLDBERG-KIRSCHMAN COMPANY, New York, N. Y.
Filed December 28, 1945. Serial No. 493,952. PUBLISHED DECEMBER 2, 1947. Class 28.

436,866. OCCASIONAL TABLES. TABLE CORPORATION OF AMERICA, Cheltenham, Pa.
Filed January 7, 1946. Serial No. 494,413. PUBLISHED OCTOBER 28, 1947. Class 32.

436,867. BANANA FLOUR, WHEAT FLOUR, LENTIL FLOUR, POTATO FLOUR, RICE FLOUR, MALANGA FLOUR, SWEET POTATO FLOUR, CORN FLOUR, AND TAPIOCA FLOUR. HOYO & FERNANDEZ SOCIEDAD EN COMANDITA, Habana, Cuba.
Filed January 15, 1946. Serial No. 494,790. PUBLISHED DECEMBER 9, 1947. Class 46.

436,868. BOTTLED FRUIT JUICES FOR FOOD PURPOSES. FENWICK SMITH, doing business as F. Smith Co., San Francisco, Calif.
Filed January 19, 1946. Serial No. 495,104. PUBLISHED DECEMBER 9, 1947. Class 46.

436,869. CHEWING GUM. CHICLES "ATLAS," S. A., Guadalajara, Mexico.
Filed February 26, 1946. Serial No. 497,231. PUBLISHED DECEMBER 9, 1947. Class 46.

436,870. MECHANICALLY GROOVED PHONOGRAPH RECORDS. SONART RECORD CORPORATION, New York, N. Y.
Filed February 27, 1946. Serial No. 497,344. PUBLISHED DECEMBER 9, 1947. Class 36.

436,871. INORGANIC PHOSPHATES FOR GENERAL USE IN THE PETROLEUM INDUSTRY INCLUDING THE TREATMENT OF PETROLEUM OILS. MONSANTO CHEMICAL COMPANY, St. Louis, Mo.
Filed March 9, 1946. Serial No. 497,955. PUBLISHED DECEMBER 2, 1947. Class 1.

436,872. PIECE GOODS MADE OF COTTON. PEPPERELL MANUFACTURING COMPANY, Boston, Mass.
Filed March 13, 1946. Serial No. 498,169. PUBLISHED DECEMBER 2, 1947. Class 42.

436,873. APPLES, PEARS, CHERRIES, AND PEACHES IN THEIR NATURAL STATE. JOHN R. TINKLEPAUGH, Livingston, N. Y.
Filed March 15, 1946. Serial No. 498,326. PUBLISHED DECEMBER 9, 1947. Class 46.

436,874. WINE. ROMA WINE COMPANY, Fresno, Calif., assignor to Schenley Distillers Corporation, New York, N. Y., a corporation of Delaware.
Filed March 29, 1946. Serial No. 499,285. PUBLISHED NOVEMBER 18, 1947. Class 47.

436,875. THIN TRANSPARENT OR TRANSLUCENT PLASTIC FILMS OR SHEETS, SOLD IN THE PIECE, FOR USE IN MAKING UP INTO SHOWER CURTAINS, BOWL COVERS, APRONS, TABLE CLOTHS, AND UMBRELLAS. ST. LAWRENCE TEXTILE CORP., New York, N. Y.
Filed March 30, 1946. Serial No. 499,356. PUBLISHED NOVEMBER 25, 1947. Class 42.

436,876. CANNED SARDINES, CELERY SALT, AND FRUIT JELLIES. ALLIED STORES CORPORATION, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash.; Dey Brothers & Company, Syracuse, N. Y.; and Quackenbush Company, Paterson, N. J.
Filed April 4, 1946. Serial No. 499,597. PUBLISHED DECEMBER 2, 1947. Class 46.

436,877. CHEMICAL PREPARATION FOR REMOVING RUST AND CARBON FROM AUTOMOBILE RADIATORS, LAUNDRY BLUE, CHEMICAL RUST INHIBITOR, A CHEMICAL WALL PAPER REMOVER, AND A FLAME PROOFING COMPOUND. VALLEY CHEMICAL COMPANY, INC., Springfield, Mass.
Filed April 23, 1946. Serial No. 500,782. PUBLISHED DECEMBER 2, 1947. Class 6.

436,878. PROTECTIVE GARMENTS FOR WORKERS IN INDUSTRY—NAMELY, APRONS, LEGGINGS, SLEEVES, SPATS, COATS, PANTS, COVERALLS, AND HOODS. CHICAGO EYE SHIELD COMPANY, Chicago, Ill.
Filed May 3, 1946. Serial No. 501,363. PUBLISHED NOVEMBER 25, 1947. Class 39.

436,879. NONELECTRICAL PLASTIC LETTERS FOR SIGNS. NEW ENGLAND ADVERTISING INC., Boston, Mass.
Filed May 14, 1946. Serial No. 502,074. PUBLISHED DECEMBER 2, 1947. Class 50.

436,880. NONELECTRICAL PLASTIC LETTERS FOR SIGNS. NEW ENGLAND ADVERTISING INC., Boston, Mass.
Filed May 14, 1946. Serial No. 502,075. PUBLISHED DECEMBER 2, 1947. Class 50.

436,881. PERFUMES. SOCIETE D'ETUDES ET D'EXPANSION DE LA PARFUMERIE DE LUXE, Paris and Asnieres, near Paris, France.
Filed May 14, 1946. Serial No. 502,084. PUBLISHED DECEMBER 2, 1947. Class 6.

436,882. PERFUMES. SOCIETE D'ETUDES ET D'EXPANSION DE LA PARFUMERIE DE LUXE, Paris and Asnieres, near Paris, France.
Filed May 14, 1946. Serial No. 502,085. PUBLISHED DECEMBER 2, 1947. Class 6.

436,883. GIRLS' DRESSES. TEEN ROW FASHIONS INC., New York, N. Y.
Filed May 31, 1946. Serial No. 503,141. PUBLISHED NOVEMBER 18, 1947. Class 39.

436,884. LUBRICANT TO BE USED FOR RECTAL INJECTIONS FOR THE PURPOSE OF LUBRICATING THE RECTAL PASSAGE IN A TREATMENT KNOWN AS THE "RHEN METHOD." ANNA REHN, New York, N. Y.
Filed June 12, 1946. Serial No. 503,754. PUBLISHED NOVEMBER 18, 1947. Class 6.

436,885. GREETING CARDS. BILFREL ENTERPRISES, Los Angeles, Calif.
Filed June 13, 1946. Serial No. 503,797. PUBLISHED NOVEMBER 18, 1947. Class 38.

436,886. AN EMULSIFIER WHICH IS A SPECIAL CONDENSATE OF POLY-GLYCOL WITH FATTY ACID OR OILS, OF THE NONIONIC TYPE, TO BE MIXED WITH RAW AND NEUTRAL OILS INCLUDING MINERAL, VEGETABLE, AND FISH OILS AND USED FOR EMULSIFYING AND FAT LIQUORING LEATHER IN THE TANNING INDUSTRY. JACQUES WOLF & CO., Clifton, N. J.
Filed June 13, 1946. Serial No. 503,848. PUBLISHED NOVEMBER 11, 1947. Class 4.

436,887. MATS AND RUNNERS COMPOUNDED OF RUBBER AND FIBERS FOR USE ON AISLES AND OTHER SIMILAR WALKWAYS. L. E. WARFORD, doing business as Meliflex Products Company, Akron, Ohio, assignor to Meliflex Products Company, Akron, Ohio, a corporation of Ohio.
Filed June 27, 1946. Serial No. 504,723. PUBLISHED NOVEMBER 11, 1947. Class 50.

436,888. MATS AND RUNNERS OF RUBBER COMPOSITION. L. E. WARFORD, doing business as Meliflex Products Company, Akron, Ohio, assignor to Meliflex Products Company, Akron, Ohio, a corporation of Ohio.
Filed June 27, 1946. Serial No. 504,724. PUBLISHED NOVEMBER 11, 1947. Class 50.

436,889. CLEANSER FOR MANIKINS AND SIMILAR PAINTED OR ENAMELED DISPLAY FIXTURES AND BACKGROUNDS. BONTEE LABORATORIES, Pomona, Calif.
Filed July 1, 1946. Serial No. 504,878. PUBLISHED MAY 6, 1947. Class 4.

436,890. NATURAL AND CUT FLOWERS. OREGON PACKAGING COMPANY, INC., Eugene, Oreg.
Filed July 2, 1946. Serial No. 504,995. PUBLISHED DECEMBER 2, 1947. Class 1.

436,891. NATURAL AND CUT FLOWERS. OREGON PACKAGING COMPANY, INC., Eugene, Oreg.
Filed July 2, 1946. Serial No. 504,996. PUBLISHED DECEMBER 2, 1947. Class 1.

436,892. NATURAL AND CUT FLOWERS. OREGON PACKAGING COMPANY, INC., Eugene, Oreg.
Filed July 2, 1946. Serial No. 504,997. PUBLISHED DECEMBER 2, 1947. Class 1.

436,893. NATURAL AND CUT FLOWERS. OREGON PACKAGING COMPANY, INC., Eugene, Oreg.
Filed July 2, 1946. Serial No. 504,998. PUBLISHED DECEMBER 2, 1947. Class 1.

436,894. COSMETIC PREPARATIONS — NAMELY, HAND CREAM, FACE CREAM, LIPSTICK, NAIL POLISH, SHAMPOO, DUSTING POWDER, FOUNDATION CREAM, FACE POWDER, AND PREPARATION FOR SETTING WAVES IN HAIR. CARTER PRODUCTS, INC., New York, N. Y.
Filed July 3, 1946. Serial No. 505,041. PUBLISHED DECEMBER 2, 1947. Class 6.

436,895. COAL. TRUAX-TRAER COAL COMPANY, Chicago, Ill.
Filed July 10, 1946. Serial No. 505,369. PUBLISHED NOVEMBER 25, 1947. Class 1.

436,896. ABRASIVE FLUX, WELDING FLUX, SOLDERING FLUX, SOLDERING SALTS, AND SAL-AMMONIAC. FRANK D. MCBRIDE, doing business as American Solder & Flux Co., Philadelphia, Pa.
Filed July 11, 1946. Serial No. 505,430. PUBLISHED NOVEMBER 18, 1947. Class 6.

436,897. MEN'S AND BOYS' WEARING APPAREL—NAMELY, HATS, BATHROBES, SPORT JACKETS, TROUSERS, OVERCOATS, TOPCOATS AND MACKINAWS AND RAINCOATS, AND MEN'S, WOMEN'S, AND CHILDREN'S SWEATERS, RIDING BREECHES, JODHPURS; AND RIDING JACKETS. W. B. DORAN MEN'S STORE, Rockford, Ill., assignor to W. B. Doran Men's Store, Inc., Rockford, Ill., a corporation of Illinois.
Filed July 17, 1946. Serial No. 505,741. PUBLISHED DECEMBER 2, 1947. Class 39.

436,898. PHYSICALLY CUT AND GROOVED DISC SOUND RECORDINGS. CINEMART, INCORPORATED, New York, N. Y.
Filed July 25, 1946. Serial No. 506,229. PUBLISHED DECEMBER 2, 1947. Class 36.

436,899. WEARING APPAREL FOR WOMEN, AS FOLLOWS: SUITS, DRESSES, OVERCOATS, RAINCOATS, SPORT SUITS AND SPORT JACKETS, ETC. SOCIÉTÉ À RESPONSABILITÉ LIMITÉE: CARVEN, Paris, France.
Filed August 1, 1946. Serial No. 506,698. PUBLISHED DECEMBER 9, 1947. Class 39.

436,900. MATERIALS HANDLING EQUIPMENT—NAMELY, METAL SKIDS, SKID BOXES, PLATFORMS AND PALLETS. THE UNION METAL MANUFACTURING COMPANY, Canton, Ohio.
Filed August 1, 1946. Serial No. 506,707. PUBLISHED NOVEMBER 18, 1947. Class 50.

436,901. AUTOMOBILE CLEANER HAVING INCIDENTAL POLISHING QUALITIES. BEAUTYKOTE CORPORATION, Newark, N. J.
Filed August 9, 1946. Serial No. 507,097. PUBLISHED NOVEMBER 11, 1947. Class 4.

436,902. LADIES' HOUSECOATS, BRUNCHCOATS, AND HOUSEDRESSES. MORGIN ROBES, INC., New York, N. Y.
Filed August 9, 1946. Serial No. 507,146. PUBLISHED NOVEMBER 25, 1947. Class 39.

436,903. SYNTHETIC RESINS, IN LIQUID, SHEET, ROD AND TUBE FORM USED AS INGREDIENTS IN THE MANUFACTURE OF PROTECTIVE AND DECORATIVE COATINGS. TEX PRODUCTS, INC., Newark, N. J.
Filed August 9, 1946. Serial No. 507,157. PUBLISHED DECEMBER 2, 1947. Class 1.

436,904. JEWELRY FOR PERSONAL WEAR OR ADORNMENT, NOT INCLUDING WATCHES. FREEMAN-DAUGHADAY COMPANY, Providence, R. I.
Filed August 9, 1946. Serial No. 507,355. PUBLISHED DECEMBER 2, 1947. Class 28.

436,905. PIECE GOODS OF WOOL, COTTON, RAYON, AND/OR SILK, OR COMBINATIONS THEREOF. UNITED MERCHANTS AND MANUFACTURERS, INC., New York, N. Y.
Filed August 20, 1946. Serial No. 507,699. PUBLISHED DECEMBER 2, 1947. Class 42.

436,906. WINES. C. MONDAVI & SONS, St. Helena, Calif.
Filed August 26, 1946. Serial No. 508,064. PUBLISHED NOVEMBER 18, 1947. Class 47.

436,907. MEN'S CLOTHING—NAMELY, SUITS, TOPCOATS, OVERCOATS, SPORTCOATS, LEISURE COATS, TUXEDO COATS AND PANTS, AND VESTS. PADI CLOTHES COMPANY, Philadelphia, Pa.
Filed September 17, 1946. Serial No. 509,240. PUBLISHED DECEMBER 2, 1947. Class 39.

436,908. GENERAL TONIC, MEDICINE FOR DISEASES OF THE NERVOUS SYSTEM, MEDICINE FOR THE STIMULATION OF THE NERVOUS SYSTEM AND OTHER THERAPEUTIC CONDITIONS, ETC. SMITH, KLINE & FRENCH LABORATORIES, Philadelphia, Pa.
Filed September 23, 1946. Serial No. 509,610. PUBLISHED DECEMBER 2, 1947. Class 6.

436,909. HOSIERY; AND MEN'S, WOMEN'S, AND CHILDREN'S UNDERWEAR. JACOBSON SALES CO., Memphis, Tenn.
Filed September 24, 1946. Serial No. 509,659. PUBLISHED NOVEMBER 18, 1947. Class 39.

436,910. FRESH CITRUS FRUIT. GOLDEN VALLEY FRUIT COMPANY, Brownsville, Tex.
Filed September 27, 1946. Serial No. 509,838. PUBLISHED DECEMBER 9, 1947. Class 46.

436,911. PULVERIZED POWDER HAVING POLISHING CHARACTERISTICS—USED IN RUBBING DOWN WAX AND POLISH COATS TO PROVIDE A SMOOTH, HARD AND GLOSSY FINISH, AND SOLD IN SELF-APPLYING SACKS OF POLISH CLOTH. CARL JOHNSEN COMPANY, Dallas, Tex.
Filed September 27, 1946. Serial No. 509,850. PUBLISHED NOVEMBER 11, 1947. Class 4.

436,912. BRASSIÈRES. MATHEW K. DE LA VALLADE, Los Angeles, Calif.
Filed October 3, 1946. Serial No. 510,163. PUBLISHED NOVEMBER 18, 1947. Class 39.

436,913. RUBBING ALCOHOL, BRILLIANTINE, AND ROSE HAIR OIL. AMERICAN CARBON PAPER MFG. CO., doing business as The Dunlee Company, Ennis, Tex.
Filed October 8, 1946. Serial No. 510,419. PUBLISHED DECEMBER 2, 1947. Class 6.

436,914. REVOLVING CLOTHES RACKS AND REVOLVING SHELF UNITS AND CABINETS. HOOSIER INDUSTRIES, INC., La Porte, Ind.
Filed October 11, 1946. Serial No. 510,690. PUBLISHED NOVEMBER 18, 1947. Class 32.

436,915. SILVER POLISH, SHOE POLISH, TOILET SOAP, LAUNDRY SOAP, AND ABRASIVE GRAINS AND POWDERS. CONSOLIDATED COSMETICS, Chicago, Ill.
Filed October 12, 1946. Serial No. 510,764. PUBLISHED NOVEMBER 11, 1947. Class 4.

436,916. LADIES' AND MISSES' DRESSES, BLOUSES, JACKETS, OUTER SHIRTS, SLACKS, OUTER SKIRTS, OUTER SHORTS, JUMPERS, AND CULOTTES. SPORT-MODES OF BOSTON, Boston, Mass.
Filed October 12, 1946. Serial No. 510,808. PUBLISHED DECEMBER 9, 1947. Class 39.

436,917. INTRAMUSCULAR INJECTION FOR USE IN NON-SPECIFIC THERAPY FOR TREATMENT OF PUERPERAL SEPSIS, RHEUMATIC FEVER, EPIDIDYMITIS, AND ABSCESSES. C. F. KIRK COMPANY, New York, N. Y.
Filed October 19, 1946. Serial No. 511,162. PUBLISHED DECEMBER 9, 1947. Class 6.

436,918. TONICS, STIMULATORS AND TREATMENTS FOR THE SCALP AND HAIR. CARL BRANDENFELS', INC., St. Helens, Oreg.
Filed October 21, 1946. Serial No. 511,198. PUBLISHED DECEMBER 2, 1947. Class 6.

436,919. EMULSIFYING AGENT TO PROMOTE THE HOMOGENEOUS DISPERSION OF FATS AND/OR OILS IN WATER AND/OR AQUEOUS MEDIA. GLYCO PRODUCTS CO. INC., Brooklyn, N. Y.
Filed October 26, 1946. Serial No. 511,552. PUBLISHED DECEMBER 9, 1947. Class 6.

436,920. SHOES MADE OF LEATHER. THE FLORSHEIM SHOE COMPANY, Chicago, Ill.
Filed October 28, 1946. Serial No. 511,603. PUBLISHED DECEMBER 9, 1947. Class 39.

436,921. PLAQUES OF WOOD FOR DISPLAY ON WALLS, MANTELS, TABLES, AND THE LIKE. EVERT H. CHAMBERLAIN, doing business as Follow Me Plaks, Oak Park, Ill.
Filed November 4, 1946. Serial No. 511,980. PUBLISHED DECEMBER 2, 1947. Class 50.

436,922. LADIES', MISSES', AND JUNIORS' GARMENTS—NAMELY, DRESSES, COATS, SUITS, CULOTTES, BATHING SUITS, SHORTS, SKIRTS, POLO-SHIRTS, AND BLOUSES. AURORA ELROY, New York, N. Y.
Filed November 4, 1946. Serial No. 511,990. PUBLISHED NOVEMBER 18, 1947. Class 39.

436,923. CHEMICAL PRODUCTS CONTAINING AS THE ACTIVE SUBSTITUENT ZINC 8-QUINOLINOLATE FOR USE IN COMBATING INSECTS AND FUNGI. MONSANTO CHEMICAL COMPANY, St. Louis, Mo.
Filed November 7, 1946. Serial No. 512,194. PUBLISHED DECEMBER 9, 1947. Class 6.

436,924. MAN-TAILORED COATS FOR BOYS AND GIRLS. DAVID MOSELEY & SONS LIMITED, Manchester, England.
Filed November 12, 1946. Serial No. 512,441. PUBLISHED NOVEMBER 18, 1947. Class 39.

436,925. SOAP AND BRUSHLESS SHAVE CREAM. BOTANY WORSTED MILLS, Passaic, N. J., now by change of name Botany Mills, Inc., a corporation of New Jersey.
Filed November 14, 1946. Serial No. 512,572. PUBLISHED NOVEMBER 11, 1947. Class 4.

436,926. CANNED CLAM CAKES, CANNED MINCED CLAMS, CANNED LOBSTER A LA NEWBURG, CANNED WELSH RAREBIT, CANNED SARDINES, CANNED INDIAN PUDDING, CANNED FISH CHOWDER, AND CANNED CLAM CHOWDER. WINSTON PRODUCTS COMPANY, Auburn, Maine.
Filed November 15, 1946. Serial No. 512,727. PUBLISHED NOVEMBER 18, 1947. Class 46.

436,927. FOOTWEAR—NAMELY, BOOTS AND SHOES MADE WHOLLY OR PARTLY OF RUBBER. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio.
Filed November 16, 1946. Serial No. 512,737. PUBLISHED DECEMBER 2, 1947. Class 39.

436,928. MEN'S, WOMEN'S, AND CHILDREN'S SWIMSUITS, COATS, JACKETS, SPORT SHIRTS, SHORTS, AND SWEATERS; WOMEN'S PLAYSUITS AND BRASSIÈRES; WOMEN'S AND CHILDREN'S SLACKS, UNDERWEAR, APPAREL BELTS; MEN'S SWIM TRUNKS AND SUPPORTERS. GANTNER & MATTERN COMPANY, San Francisco, Calif.
Filed November 22, 1946. Serial No. 513,045. PUBLISHED DECEMBER 2, 1947. Class 39.

436,929. COSMETICS—NAMELY, COLOGNE, CLEANSING EMULSION, STIMULATING EMULSION, FACIAL MASK, LUBRICATING FORMULA, POWDER BASE, FACE POWDER, LIPSTICK, CREAM ROUGE, DEODORANT, MASCARA, EYE SHADOW, LUBRICATING OIL, AND SHAMPOO. STEPHANIE LIMITED INC., Cleveland, Ohio.
Filed November 23, 1946. Serial No. 513,140. PUBLISHED DECEMBER 2, 1947. Class 6.

436,930. MEN'S, WOMEN'S, AND CHILDREN'S SWIMSUITS, COATS, JACKETS, SPORT SHIRTS, SHORTS, AND SWEATERS; WOMEN'S PLAYSUITS AND BRASSIÈRES; WOMEN'S AND CHILDREN'S SLACKS, UNDERWEAR, APPAREL BELTS; MEN'S SWIM TRUNKS AND SUPPORTERS. GANTNER & MATTERN COMPANY, San Francisco, Calif.
Filed November 25, 1946. Serial No. 513,173. PUBLISHED DECEMBER 2, 1947. Class 39.

436,931. FROZEN DECIDUOUS FRUITS AND VEGETABLES. INGALLS PACKING CORPORATION, Auburn, Wash.
Filed November 27, 1946. Serial No. 513,310. PUBLISHED DECEMBER 9, 1947. Class 46.

436,932. BULK CHEMICAL, SPECIFICALLY ANHYDROUS ALUMINUM CHLORIDE, PHOSPHORUS OXYCHLORIDE, PHOSPHORUS TRICHLORIDE, DIBUTOXY ETHYL PHTHALATE, TRICRESYL PHOSPHATE, DIMETHOXY, ETHYL PHTHALATE, ETC. OHIO-APEX, INC., Nitro, W. Va.
Filed November 29, 1946. Serial No. 513,453. PUBLISHED DECEMBER 9, 1947. Class 6.

436,933. HEALING OINTMENT OR SALVE FOR THE TREATMENT OF SKIN DISEASES—NAMELY, CHRONIC LICHENIFIED ECZEMATOUS PATCHES, ACUTE INFECTIOUS ECZEMATOID DERMATITIS, ECZEMA, INFANTS' ECZEMA, ERYSIPELAS, STASIS DERMATITIS, ULCERS, PEMPHIGUS, AND LUPUS ERYTHEMATOSUS. THE HARK COMPANY, Lockhart, Tex.
Filed December 2, 1946. Serial No. 513,564. PUBLISHED DECEMBER 9, 1947. Class 6.

436,934. ARTICLES MADE OF CERAMIC MATERIALS—NAMELY, CHINA DINNERWARE HAVING PHOTOGRAPHICALLY PRINTED IMAGES THEREON. POOR & COMPANY, Chicago, Ill.
Filed December 10, 1946. Serial No. 513,981. PUBLISHED NOVEMBER 25, 1947. Class 30.

436,935. FRESH APPLES. CASCADIAN FRUIT SHIPPERS, INC., also doing business as Cascadian Sales, Wenatchee, Wash.
Filed December 11, 1946. Serial No. 514,007. PUBLISHED SEPTEMBER 16, 1947. Class 46.

436,936. HAND CLEANER IN PASTE FORM. ALBERT R. CHAPPEL, doing business as C & S Products, Jerseyville, Ill., assignor to James T. Jones, St. Louis County, Mo.
Filed December 11, 1946. Serial No. 514,009. PUBLISHED NOVEMBER 18, 1947. Class 4.

436,937. LIPSTICK, ROUGE, AND FACE POWDER. RICHARD HUDNUT, New York, N. Y.
Filed December 11, 1946. Serial No. 514,037. PUBLISHED DECEMBER 9, 1947. Class 6.

436,938. TOILET WATER, PERFUME, FACE POWDER, ROUGE, LIPSTICK, LOTION, AND FACE CREAM. HARRY D. KOENIG, doing business as Anre, New York, N. Y.
Filed December 11, 1946. Serial No. 514,046. PUBLISHED NOVEMBER 11, 1947. Class 6.

436,939. TOBACCO PIPES. THE ROBERT SINCLAIR TOBACCO COMPANY, LIMITED, Newcastle-on-Tyne, England.
Filed December 12, 1946. Serial No. 514,141. PUBLISHED DECEMBER 2, 1947. Class 8.

436,940. PIECE GOODS OF RAYON ALONE AND IN COMBINATION WITH COTTON, WOOL, FLAX, FUR FIBRES, CAMEL'S HAIR, NYLON, AND PROTEIN FIBRES. AUSTINIZED FABRICS, INC., New York, N. Y., now by change of name Austinized Corporation.
Filed December 18, 1946. Under the act of February 20, 1905, as amended June 10, 1938. Serial No. 514,464. PUBLISHED NOVEMBER 25, 1947. Class 42.

436,941. LIPSTICKS. RICHARD HUDNUT, New York, N. Y.
Filed December 18, 1946. Serial No. 514,476. PUBLISHED DECEMBER 9, 1947. Class 6.

436,942. PROCESSED SKINS. RELIABLE TANNERS, INC., Gloversville, N. Y.
Filed December 18, 1946. Serial No. 514,494. PUBLISHED DECEMBER 2, 1947. Class 1.

436,943. PAINT ENAMEL. CON-FERRO PAINT & VARNISH COMPANY, St. Louis, Mo., and New York, N. Y.
Filed December 19, 1946. Serial No. 514,577. PUBLISHED OCTOBER 14, 1947. Class 16.

436,944. PERFUMES, TOILET WATERS, AND COSMETIC CREAMS. LENTHERIC, INCORPORATED, New York, N. Y.
Filed December 21, 1946. Serial No. 514,661. PUBLISHED DECEMBER 9, 1947. Class 6.

436,945. HUNTING AND FISHING COATS, VESTS, PANTS, AND CAPS, AND TRAP SHOOTING JACKETS. RED HEAD BRAND COMPANY, Chicago, Ill.
Filed December 21, 1946. Serial No. 514,669. PUBLISHED NOVEMBER 4, 1947. Class 39.

436,946. LIQUID DETERGENT CLEANER FOR HOUSEHOLD AND INDUSTRIAL PURPOSES FOR REMOVING GREASE AND SOIL. FRANK PEREW, JR., doing business as Mom's Cleaner Co., Beverly Hills, Calif.
Filed December 23, 1946. Serial No. 514,718. PUBLISHED JUNE 17, 1947. Class 4.

436,947. TEXTILE FABRICS IN THE PIECE, OF WOOL, WORSTED, AND COMBINATIONS THEREOF. HOWARD B. SCHNEIDEWIND, Montclair, N. J.
Filed December 23, 1946. Serial No. 514,724. PUBLISHED NOVEMBER 18, 1947. Class 42.

436,948. COMPOSITIONS IN PHYSICAL CHARACTER COMPARABLE TO MILLED AND COMPOUNDED RUBBER PRIOR TO VULCANIZATION, ETC. DOW CORNING CORPORATION, Midland, Mich.
Filed December 26, 1946. Serial No. 514,807. PUBLISHED DECEMBER 2, 1947. Class 1.

436,949. NONALCOHOLIC, NON-CEREAL MALTLESS BEVERAGES SOLD AS SOFT DRINKS. S. J. CORMANY, JR., doing business as Million Dollar Grape Manufacturing Company, Mount Vernon, Ill.
Filed December 27, 1946. Serial No. 514,887. PUBLISHED NOVEMBER 18, 1947. Class 45.

436,950. PANTIES. ROSALIND UNDERWEAR COMPANY, INC., New York, N. Y.
Filed December 31, 1946. Serial No. 515,131. PUBLISHED NOVEMBER 18, 1947. Class 39.

436,951. CUT FLOWERS. ARISTON, INCORPORATED, New York, N. Y.
Filed January 4, 1947. Under the act of February 20, 1905, as amended June 10, 1938. Serial No. 515,250. PUBLISHED DECEMBER 2, 1947. Class 1.

436,952. GARTER BELTS. FASHION FORM MFG. CORPORATION, White Plains, N. Y.
Filed January 7, 1947. Serial No. 515,375. PUBLISHED NOVEMBER 18, 1947. Class 39.

436,953. MEN'S SHOES AND BOOTS. KUSHINS, INC., Santa Rosa, Calif.
Filed January 7, 1947. Serial No. 515,380. PUBLISHED NOVEMBER 4, 1947. Class 39.

436,954. PIECE GOODS OF GUANAQUITO ALONE, OR IN COMBINATION WITH WOOL, COTTON, RAYON, NYLON, AND/OR SILK. COHN-HALL-MARX CO., New York, N. Y.
Filed January 10, 1947. Serial No. 515,541. PUBLISHED DECEMBER 2, 1947. Class 42.

436,955. MECHANICAL PENCILS AND FOUNTAIN PENS MADE WHOLLY OR IN PART OF BASE METALS AND/OR PLASTICS. SOLOMON M. SAGER, Chicago, Ill.
Filed January 13, 1947. Serial No. 515,681. PUBLISHED NOVEMBER 25, 1947. Class 37.

436,956. CLOTHES WASHERS AND EXTRACTORS. THE WATERWAY COMPANY, Toledo, Ohio.
Filed January 17, 1947. Serial No. 515,923. PUBLISHED NOVEMBER 11, 1947. Class 24.

436,957. HERB VEGETABLE COMPOUND AND SALVE USED FOR TREATING OLD SORES, PILES, FRESH CUTS, BURNS, AND BOILS. CLARENCE W. OWENS, Warren, Ohio.
Filed December 27, 1946. Serial No. 515,984. PUBLISHED DECEMBER 9, 1947. Class 6.

436,958. WOMEN'S AND CHILDREN'S SLIPS, NIGHTGOWNS, PANTIES, ETC. KARL KAPLAN, doing business as The Jeannette Company, New York, N. Y.
Filed January 20, 1947. Serial No. 516,020. PUBLISHED NOVEMBER 18, 1947. Class 39.

436,959. INFANT SHOES, MADE OF LEATHER, FABRIC, OR RUBBER, OR A COMBINATION OF SUCH MATERIALS. LITTONIAN SHOE CO., Germany Township, Littlestown, Pa.
Filed January 24, 1947. Serial No. 516,297. PUBLISHED NOVEMBER 18, 1947. Class 39.

436,960. WRITING PENS. SCRIPTO, INC., Atlanta, Ga.
Filed January 27, 1947. Serial No. 516,444. PUBLISHED NOVEMBER 25, 1947. Class 37.

436,961. BEDROOM SUITES — NAMELY, BEDS, CHAIRS, DRESSERS, VANITIES, CHESTS OF DRAWERS, CHIFFOROBES, SLIPPER CHAIRS, STOOLS, VANITY CHAIRS, NIGHT TABLES, CHAISE LOUNGES, ETC. PLYMOUTH WHOLESALE DRY GOODS CORPORATION, New York, N. Y.
Filed January 28, 1947. Under the act of February 20, 1905, as amended June 10, 1938. Serial No. 516,502. PUBLISHED OCTOBER 28, 1947. Class 32.

436,962. PIECE GOODS WHOLLY OR MAINLY OF WOOL, WORSTED OR HAIR, SOLD BY THE PIECE, YARD, OR BOLT. SIR JACOB BEHRENS & SONS, Bradford, England.
Filed February 1, 1947. Serial No. 516,759. PUBLISHED NOVEMBER 4, 1947. Class 42.

436,963. GLASS COOKING WARE. REXALL DRUG COMPANY, Los Angeles, Calif.
Filed February 3, 1947. Serial No. 516,869. PUBLISHED NOVEMBER 18, 1947. Class 33.

436,964. FLOWER BULBS. J. D. MITCHELL, doing business as Peninsular Bulb Company, Sebring, Fla.
Filed February 4, 1947. Serial No. 516,908. PUBLISHED DECEMBER 2, 1947. Class 1.

436,965. NEW AND ORNAMENTAL DESIGN OF A NOVELTY OR SOUVENIR IN THE FORM AND APPEARANCE OF A BIRD CONSTRUCTED OF A PINE CONE, A WIRE PEDESTAL AND FEATHERS. GEORGE RUEDIGER, Chicago, Ill.
Filed February 5, 1947. Serial No. 517,004. PUBLISHED DECEMBER 9, 1947. Class 50.

436,966. SALINE PREPARATION FOR THE RELIEF OF CONSTIPATION, HEADACHE, AND SIMILAR AILMENTS. THOMAS KERFOOT & CO., LIMITED, Bardsley, Lancashire, England.
Filed February 8, 1947. Serial No. 517,191. PUBLISHED DECEMBER 2, 1947. Class 6.

436,967. MEN'S AND BOYS' OVERALLS AND PANTS. TOP-NOTCH MANUFACTURING COMPANY, INC., El Paso, Tex.
Filed February 10, 1947. Serial No. 517,273. PUBLISHED NOVEMBER 4, 1947. Class 39.

436,968. ICE CREAM STABILIZER AND IMPROVER INGREDIENT IN POWDER FORM TO IMPART TO ICE CREAM A SMOOTH, CREAMY, AND EVEN TEXTURE. THE BORDEN COMPANY, New York, N. Y.
Filed February 12, 1947. Serial No. 517,346. PUBLISHED DECEMBER 9, 1947. Class 46.

436,969. CHEMICAL FOR COLORING HEARTH FIRES. LEO GALLITANO, doing business as Amity Products Co., Waltham, Mass.
Filed February 12, 1947. Serial No. 517,360. PUBLISHED DECEMBER 9, 1947. Class 6.

436,970. PAPETERIES, MAILING ENVELOPES, WRITING PAPER, PAPER TABLETS, DUPLICATION PAPER FOR MULTIGRAPH APPARATUS, AIR MAIL PAPER, AIR MAIL ENVELOPES, AND PRINTING PAPER. AGENCY PAPER COMPANY, New York, N. Y.
Filed February 15, 1947. Serial No. 517,543. PUBLISHED NOVEMBER 25, 1947. Class 37.

436,971. CHILDREN'S SHOES. MORRIS OLOFF, doing business as Darling Shoe Co., New York, N. Y.
Filed February 17, 1947. Serial No. 517,658. PUBLISHED NOVEMBER 4, 1947. Class 39.

436,972. WINES. SCHENLEY IMPORT CORPORATION, New York, N. Y.
Filed February 20, 1947. Serial No. 517,872. PUBLISHED NOVEMBER 18, 1947. Class 47.

436,973. PREPARATION FOR TREATMENT OF MINOR IRRITATIONS OF THE SKIN AND SCALP. POTTER DRUG & CHEMICAL CORPORATION, Malden, Mass.
Filed February 28, 1947. Serial No. 518,319. PUBLISHED DECEMBER 2, 1947. Class 6.

436,974. BRAKE LININGS AND SURFACING MATERIALS FOR BRAKES. KEASBEY & MATTISON COMPANY, Ambler, Pa.
Filed March 3, 1947. Serial No. 518,407. PUBLISHED DECEMBER 2, 1947. Class 35.

436,975. BRIAR PIPES. GEORGE KHOUBESSER, doing business as Khoubesser & Co., Royal Oak, Mich.
Filed March 5, 1947. Serial No. 518,534. PUBLISHED NOVEMBER 25, 1947. Class 8.

436,976. KNITTED AND WOVEN SPORT SHIRTS, FOR MEN, WOMEN, AND CHILDREN. MANCHESTER KNITTED FASHIONS, INC., Manchester, N. H.
Filed March 5, 1947. Serial No. 518,543. PUBLISHED DECEMBER 2, 1947. Class 39.

436,977. TOILET SOAP. NETTIE ROSENSTEIN, INC., New York, N. Y.
Filed March 7, 1947. Serial No. 518,690. PUBLISHED NOVEMBER 11, 1947. Class 4.

436,978. COLD-WAVE PREPARATION. CORONET BEAUTY PRODUCTS, INC., Hartford Conn.
Filed March 8, 1947. Serial No. 518,718. PUBLISHED DECEMBER 2, 1947. Class 6.

436,979. FABRICS IN THE PIECE MADE OF COTTON, RAYON, WOOL, NYLON, LINEN, SILK, AND GLASS AND MIXTURES THEREOF; AND FOR SHEETS, PILLOW CASES, BEDSPREADS, WINDOW CURTAINS, AND DRAPERIES. KINARD & COMPANY, INCORPORATED, New York, N. Y.
Filed March 11, 1947. Serial No. 518,840. PUBLISHED DECEMBER 2, 1947. Class 42.

436,980. VITAMIN PREPARATION USED FOR INCORPORATION IN ANIMAL AND POULTRY FEEDS. SPECIFIDE, INC., Indianapolis, Ind.
Filed March 12, 1947. Serial No. 518,917. PUBLISHED NOVEMBER 18, 1947. Class 6.

436,981. WOMEN'S AND MISSES' DRESSES. WESTOVER FASHIONS, INC., New York, N. Y.
Filed March 12, 1947. Serial No. 518,926. PUBLISHED NOVEMBER 18, 1947. Class 39.

436,982. BRONCHO-DILATOR AND ANTISPASMODIC FOR RELIEVING BRONCHO SPASM IN THE TREATMENT OF ASTHMA. STERLING DRUG INC., Wilmington, Del., assignor to Winthrop-Stearns Inc., New York, N. Y., a corporation of Delaware.
Filed March 14, 1947. Serial No. 519,037. PUBLISHED NOVEMBER 11, 1947. Class 6.

436,983. BRANDY. CAMEO VINEYARDS CO., Fresno, Calif.
Filed March 14, 1947. Serial No. 519,046. PUBLISHED NOVEMBER 11, 1947. Class 49.

436,984. PENETRATING OIL PREPARATIONS FOR USE IN DRESSING AND WATERPROOFING LEATHERS. BROCK CHEMICAL CO., INC., North Abington, Mass.
Filed March 15, 1947. Serial No. 519,055. PUBLISHED NOVEMBER 11, 1947. Class 4.

436,985. OINTMENT FOR SKIN IRRITATIONS. PETER ADAMOPOULOS, doing business as Adams Mfg. Co., Haverhill, Mass.
Filed March 19, 1947. Serial No. 519,247. PUBLISHED NOVEMBER 11, 1947. Class 6.

436,986. FELT. THE FELTERS COMPANY, Boston, Mass.
Filed March 20, 1947. Serial No. 519,323. PUBLISHED OCTOBER 28, 1947. Class 50.

436,987. SLIPS. VICTOR BROWN UNDIES, INC., New York, N. Y.
Filed March 3, 1947. Serial No. 519,370. PUBLISHED NOVEMBER 18, 1947. Class 39.

436,988. MEN'S, WOMEN'S, MISSES' AND CHILDREN'S GLOVES AND MITTENS MADE OF LEATHER OR FABRIC OR ANY COMBINATION THEREOF. ARIS GLOVES, INC., New York, N. Y.
Filed March 21, 1947. Serial No. 519,372. PUBLISHED NOVEMBER 25, 1947. Class 39.

436,989. BEER. CHAS. SCHAEFER CORPORATION, Brooklyn, N. Y.
Filed March 22, 1947. Serial No. 519,448. PUBLISHED NOVEMBER 18, 1947. Class 48.

436,990. BATH SOAPS AND PERFUMED SOAPS. JACQUELINE COCHRAN, New York, N. Y., assignor to Jacqueline Cochran, Inc., Newark, N. J., a corporation of Delaware.
Filed March 25, 1947. Serial No. 519,514. PUBLISHED NOVEMBER 11, 1947. Class 4.

436,991. STUDENTS' AND YOUNG MEN'S CLOTHING—NAMELY, SUITS, SPORT COATS, OVERCOATS, AND TOPCOATS. WINNING-RATTNER CO., INC., New York, N. Y.
Filed April 1, 1947. Serial No. 520,001. PUBLISHED NOVEMBER 18, 1947. Class 39.

436,992. CLOTHES HANGERS. FRANCES HERWITZ, doing business as Morrillcraft Company, Brookline, Mass.
Filed April 2, 1947. Serial No. 520,031. PUBLISHED NOVEMBER 4, 1947. Class 50.

436,993. ALKALIZING PREPARATION FOR THE RELIEF OF SYMPTOMS OF DISTRESS ARISING FROM INDIGESTION, SOUR STOMACH, HEARTBURN, FLATULENCE, AND STOMACH, AND DUODENAL ULCERS BY HELPING TO NEUTRALIZE STOMACH ACIDS AND COUNTERACT CONSTIPATION. R. P. WHITE DRUG COMPANY, Youngstown, Ohio.
Filed April 2, 1947. Serial No. 520,076. PUBLISHED DECEMBER 2, 1947. Class 6.

436,994. PREPARATION FOR THE PREVENTION AND RELIEF OF SUNBURN. GEORGE LANNEAU NYE, doing business as Nye Drug Company, Mullins, S. C.
Filed April 3, 1947. Serial No. 520,117. PUBLISHED DECEMBER 9, 1947. Class 6.

436,995. STERILE, INJECTIBLE SOLUTION OF VITAMINS OF THE B-COMPLEX GROUP, USED FOR THE PARENTERAL ADMINISTRATION OF THE SAID VITAMINS. S. F. DURST & CO., INC., Philadelphia, Pa.
Filed April 4, 1947. Serial No. 520,150. PUBLISHED DECEMBER 2, 1947. Class 6.

436,996. STERILE INJECTIBLE SOLUTION AND/OR MICROSUSPENSION OF CRYSTALLINE PROGESTERONE 10 MG. PER CC. IN AN AQUEOUS MEDIUM, USED FOR THE PARENTERAL ADMINISTRATION OF PROGESTERONE, ETC. S. F. DURST & CO., INC., Philadelphia, Pa.
Filed April 4, 1947. Serial No. 520,151. PUBLISHED DECEMBER 2, 1947. Class 6.

436,997. CLEANING PREPARATION FOR FABRICS AND HOUSEHOLD USE. HOUSEHOLD AIDS CO., San Francisco, Calif.
Filed April 5, 1947. Serial No. 520,215. PUBLISHED NOVEMBER 11, 1947. Class 4.

436,998. RICE FOR FOOD. CONVERTED RICE, INC., Houston, Tex.
Filed April 8, 1947. Serial No. 520,321. PUBLISHED DECEMBER 9, 1947. Class 46.

436,999. RICE FOR FOOD. CONVERTED RICE, INC., Houston, Tex.
Filed April 8, 1947. Serial No. 520,322. PUBLISHED DECEMBER 9, 1947. Class 46.

437,000. PREPARED CLAY, SUITABLE FOR MODELING AND DUPLICATION BY CASTING AND OTHER MEANS. COVE CREEK INDUSTRIES, INC., Covesville, Va.
Filed April 8, 1947. Serial No. 520,325. PUBLISHED NOVEMBER 18, 1947. Class 1.

437,001. GARMENT HANGERS. AUGUSTA LEVENSON, doing business as Empire Shape Preserver Hanger Co., New York, N. Y.
Filed April 10, 1947. Serial No. 520,460. PUBLISHED NOVEMBER 11, 1947. Class 50.

437,002. INFANTS', CHILDREN'S, GIRLS', AND MISSES' COATS, SWEATERS, CAPS, HOODS, BATHING SUITS, BATHING TRUNKS, SCARFS, MITTENS, AND KNITTED GLOVES. COMIC TOGS, INC., New York, N. Y.
Filed April 12, 1947. Serial No. 520,552. PUBLISHED DECEMBER 2, 1947. Class 39.

437,003. GLOVES, BELTS, AND SHOES FOR MEN AND WOMEN. EDWARD BEAM, JR., Washington, D. C.
Filed April 15, 1947. Serial No. 520,680. PUBLISHED DECEMBER 2, 1947. Class 39.

437,004. POLYMERIZED OR PARTIALLY POLYMERIZED ROSIN. NEWPORT INDUSTRIES, INC., Pensacola, Fla.
Filed April 18, 1947. Serial No. 520,961. PUBLISHED NOVEMBER 18, 1947. Class 1.

437,005. HIGH MELTING ROSIN. NEWPORT INDUSTRIES, INC., Pensacola, Fla.
Filed April 18, 1947. Serial No. 520,962. PUBLISHED NOVEMBER 18, 1947. Class 1.

437,006. HIGH MELTING PALE ROSIN. NEWPORT INDUSTRIES, INC., Pensacola, Fla.
Filed April 18, 1947. Serial No. 520,963. PUBLISHED NOVEMBER 18, 1947. Class 1.

437,007. B GRADE WOOD RESIN. NEWPORT INDUSTRIES, INC., Pensacola, Fla.
Filed April 18, 1947. Serial No. 520,964. PUBLISHED NOVEMBER 18, 1947. Class 1.

437,008. LIMED ROSIN. NEWPORT INDUSTRIES, INC., Pensacola, Fla.
Filed April 18, 1947. Serial No. 520,965. PUBLISHED NOVEMBER 18, 1947. Class 1.

437,009. RUST PREVENTIVES AND RUST INHIBITORS FOR USE IN SLUSHING ENGINES BEFORE STORAGE, FOR ENGINES AWAITING INSTALLATION, FOR EXTERNAL ENGINE AND ACCESSORY PARTS, FIRE WALLS, AND ENGINE MOUNTS. STANDARD OIL COMPANY OF CALIFORNIA, Wilmington, Del., and San Francisco, Calif.
Filed April 18, 1947. Serial No. 520,978. PUBLISHED NOVEMBER 25, 1947. Class 6.

437,010. CHEMICAL TOXICANTS FOR USE AS INSECTICIDES, FUNGICIDES, HERBICIDES, AND RODENTICIDES. MONSANTO CHEMICAL COMPANY, St. Louis, Mo.
Filed April 21, 1947. Serial No. 521,083. PUBLISHED NOVEMBER 11, 1947. Class 6.

437,011. OFFSET PRESS PLATES FOR USE IN THE PLATE MAKING AND OFFSET LITHOGRAPHY TRADE. OFFSET FINE ARTS, INC., Chicago, Ill.
Filed April 24, 1947. Serial No. 521,272. PUBLISHED NOVEMBER 4, 1947. Class 50.

437,012. ESTROGENIC HORMONE CREAM FOR TREATMENT OF BLEMISHES OF THE SKIN. S. AND S. CO., LTD., Oklahoma City, Okla.
Filed April 24, 1947. Serial No. 521,290. PUBLISHED DECEMBER 2, 1947. Class 6.

437,013. LITHOGRAPHING PRINTING PLATES. GRAPHIC ARTS CORPORATION OF OHIO, Toledo, Ohio.
Filed April 26, 1947. Serial No. 521,388. PUBLISHED NOVEMBER 18, 1947. Class 50.

437,014. MEN'S AND BOYS' SUITS, PANTS, AND VESTS. HASPEL BROTHERS, INC., New Orleans, La.
Filed April 28, 1947. Serial No. 521,448. PUBLISHED NOVEMBER 18, 1947. Class 39.

437,015. VITAMIN BEARING DIETARY FOOD SUPPLEMENT. LO-CALORY FOOD CORPORATION, New York, N. Y.
Filed April 29, 1947. Serial No. 521,527. PUBLISHED DECEMBER 2, 1947. Class 6.

437,016. COOKIES. DRAKE BAKERIES, INCORPORATED, Brooklyn, N. Y.
Filed April 30, 1947. Serial No. 521,570. PUBLISHED NOVEMBER 11, 1947. Class 46.

437,017. FIELD SEEDS AND GRAIN SEEDS. ED. F. MANGELSDORF & BRO., INC., St. Louis, Mo.
Filed April 30, 1947. Serial No. 521,586. PUBLISHED NOVEMBER 25, 1947. Class 1.

437,018. PILLOWS. PAULINE GORDON, doing business as Pollyanna Pillow Company, Pawtucket, R. I.
Filed May 2, 1947. Serial No. 521,735. PUBLISHED NOVEMBER 25, 1947. Class 32.

437,019. CHEMICAL FOR USE IN THE TREATMENT OF PHOTOGRAPHIC FILM AND PHOTOGRAPHIC PRINTING PAPER. ROBEY LABORATORIES INC., New York, N. Y.
Filed May 2, 1947. Serial No. 521,754. PUBLISHED NOVEMBER 11, 1947. Class 6.

437,020. SHOES. BILLIE AND GEORGE, INC., Brooklyn, N. Y.
Filed May 3, 1947. Serial No. 521,789. PUBLISHED DECEMBER 9, 1947. Class 39.

437,021. GIRLS' BLOUSES. LITTLE MISTRESS TOGS, New York, N. Y.
Filed May 3, 1947. Serial No. 521,814. PUBLISHED NOVEMBER 18, 1947. Class 39.

437,022. PLASTIC BRISTLES FOR BRUSHES. THE NATIONAL PLASTIC PRODUCTS COMPANY, Odenton, Md.
Filed May 8, 1947. Serial No. 522,078. PUBLISHED NOVEMBER 25, 1947. Class 1.

437,023. MEN'S SHOES MADE OF LEATHER, RUBBER, AND COMPOSITIONS THEREOF. GEORGE A. HILL, JR., doing business as The Concordian Shoe Company, West Concord, Mass.
Filed May 8, 1947. Serial No. 522,099. PUBLISHED DECEMBER 9, 1947. Class 39.

437,024. BRASSIÈRES, BANDEAUX, CORSETS, CORSELETS, PANTIES, PANTI-GIRDLES, AND GARTER BELTS. MAIDEN FORM BRASSIERE COMPANY, INC., New York, N. Y.
Filed May 8, 1947. Serial No. 522,112. PUBLISHED NOVEMBER 18, 1947. Class 39.

437,025. BLEACHING CLAY, DECOLORING CLAY, AND FULLER'S EARTH. SIERRA TALC COMPANY, Los Angeles, Calif.
Filed May 9, 1947. Serial No. 522,172. PUBLISHED NOVEMBER 25, 1947. Class 1.

437,026. WOMEN'S AND MISSES' SHOES OF LEATHER, FABRIC, AND COMBINATIONS THEREOF. SAN LOO, INC., St. Louis, Mo.
Filed May 12, 1947. Serial No. 522,290. PUBLISHED DECEMBER 9, 1947. Class 39.

437,027. LADIES' AND MISSES' SHOES MADE OF LEATHER, FABRIC, IMITATION LEATHERS, OR COMPOSITIONS AND COMBINATIONS THEREOF. DESCO SHOE CORPORATION, Long Island City, N. Y.
Filed May 15, 1947. Serial No. 522,462. PUBLISHED DECEMBER 9, 1947. Class 39.

437,028. LADIES', MISSES', AND GIRLS' DRESSES, BLOUSES, PLAYSUITS, PINAFORES, SKIRTS, HOUSECOATS, SLIPS, NIGHTGOWNS, AND PAJAMAS; AND MEN'S AND BOYS' SPORT SHIRTS, NECKTIES, SCARFS, AND PAJAMAS. CREST FABRICS CORP., New York, N. Y.
Filed May 16, 1947. Under the act of February 20, 1905, as amended June 10, 1938. Serial No. 522,495. PUBLISHED NOVEMBER 18, 1947. Class 39.

437,029. MEN'S AND YOUNG MEN'S SUITS, TOPCOATS, AND OVERCOATS. WASSERMAN-ROSENTHAL CO., Boston, Mass.
Filed May 16, 1947. Serial No. 522,552. PUBLISHED DECEMBER 9, 1947. Class 39.

437,030. TOILET BOWL CLEANSER. TENNESSEE SUPPLY CO., Greeneville, Tenn.
Filed May 19, 1947. Serial No. 522,671. PUBLISHED NOVEMBER 11, 1947. Class 4.

437,031. CHEMICAL ADJUVANTS IN THE NATURE OF MINERAL OIL SOLUBLE POLYMERS FOR USE IN PETROLEUM PRODUCTS AS VISCOSITY INDEX IMPROVERS. MONSANTO CHEMICAL COMPANY, St. Louis, Mo.
Filed May 20, 1947. Serial No. 522,724. PUBLISHED DECEMBER 2, 1947. Class 6.

437,032. SHOES FOR INFANTS, CHILDREN, AND MISSES, MADE OF LEATHER, RUBBER, AND PLASTICS, AND COMBINATIONS THEREOF. VIRGINIA SHOE CORPORATION, Fredericksburg, Va.
Filed May 22, 1947. Serial No. 522,847. PUBLISHED DECEMBER 9, 1947. Class 39.

437,033. FORKS, KNIVES, SPOONS, AND OTHER FLAT TABLEWARE MADE OF PRECIOUS OR SEMI-PRECIOUS METALS. THE ELLMORE SILVER CO., INC., Meriden, Conn.
Filed May 26, 1947. Serial No. 523,046. PUBLISHED DECEMBER 9, 1947. Class 28.

437,034. SODA CRACKERS, CANNED FRUITS, CANNED VEGETABLES, CANNED FISH, COFFEE, TEA, AND CONDENSED MILK. W. R. FERGUSON, doing business as W. R. Ferguson Company, Los Angeles, Calif.
Filed May 27, 1947. Serial No. 523,102. PUBLISHED NOVEMBER 25, 1947. Class 46.

437,035. CHINAWARE—NAMELY, TABLE CHINA. SIGMA NU FRATERNITY, Indianapolis, Ind.
Filed June 2, 1947. Serial No. 523,425. PUBLISHED NOVEMBER 25, 1947. Class 30.

437,036. CLEANSING CREAM, MEDICATED CREAM, NIGHT HORMONE CREAM, FOUNDATION MAKE-UP, PERFUME, AND COLOGNE. ZOFIA DOLEGA DZIAKIEWICZ, doing business as Fifth Avenue Cosmetics, New York, N. Y.
Filed June 2, 1947, Serial No. 523,446. PUBLISHED DECEMBER 2, 1947. Class 6.

437,037. PREPARATION FOR THE TREATMENT OF MINOR ACHES AND PAINS. BIGGS REMEDY COMPANY, Fayetteville, N. C.
Filed June 3, 1947. Serial No. 523,456. PUBLISHED DECEMBER 2, 1947. Class 6.

437,038. OVERALLS, JACKETS, WORK, AND SEMI-DRESS PANTS, WORK SHIRTS, SEMI-DRESS SHIRTS, AND COVERALLS FOR MEN AND BOYS. SMITH BROTHERS MANUFACTURING COMPANY, Carthage, Mo.
Filed June 3, 1947. Serial No. 523,485. PUBLISHED DECEMBER 9, 1947. Class 39.

437,039. EXTERNAL FUNGUS MEDICINE. DAVID GEORGE ZIMMERMAN, doing business as Zimmerman Laboratories, Pascagoula, Miss.
Filed June 4, 1947. Serial No. 523,554. PUBLISHED DECEMBER 9, 1947. Class 6.

437,040. FORKS, KNIVES, SPOONS, AND OTHER FLAT TABLEWARE MADE OF PRECIOUS OR SEMI-PRECIOUS METALS. THE ELLMORE SILVER CO., INC., Meriden, Conn.
Filed June 10, 1947. Serial No. 523,888. PUBLISHED DECEMBER 9, 1947. Class 28.

437,041. FORKS, KNIVES, SPOONS, AND OTHER FLAT TABLEWARE MADE OF PRECIOUS OR SEMI-PRECIOUS METALS. THE ELLMORE SILVER CO., INC., Meriden, Conn.
Filed June 10, 1947. Serial No. 523,889. PUBLISHED DECEMBER 9, 1947. Class 28.

437,042. MEDICINAL ELIXIR AND A MEDICINAL TABLET USEFUL AS AN ANALGESIC, HYPNOTIC, AND SEDATIVE FOR NERVOUSNESSS AND SLEEPLESSNESS. R. J. MORAN CO., Boston, Mass.
Filed June 11, 1947. Serial No. 523,975. PUBLISHED NOVEMBER 18, 1947. Class 6.

437,043. MEDICINAL CAPSULES OF GRANULAR PRODUCTS TO CORRECT GLANDULAR DISFUNCTIONS. R. J. MORAN CO., Boston, Mass.
Filed June 11, 1947. Serial No. 523,978. PUBLISHED DECEMBER 9, 1947. Class 6.

437,044. LADIES' DRESSES. BETTY STUART, INC., New York, N. Y.
Filed June 11, 1947. Serial No. 524,023. PUBLISHED DECEMBER 2, 1947. Class 39.

437,045. LADIES' BLOUSES. BAAR & BEARDS, INC., New York, N. Y.
Filed June 12, 1947. Serial No. 524,048. PUBLISHED DECEMBER 2, 1947. Class 39.

437,046. BISCUIT MIX AND ROLLED OATS. MONTANA FLOUR MILLS COMPANY, Great Falls, Mont.
Filed June 17, 1947. Serial No. 524,370. PUBLISHED DECEMBER 2, 1947. Class 46.

437,047. INFANTS', CHILDREN'S, AND GIRLS' COATS, SUITS, AND SNOWSUITS. MAX P. SONBERG, doing business as The M. P. Sonberg Company, New York, N. Y.
Filed June 18, 1947. Serial No. 524,425. PUBLISHED DECEMBER 9, 1947. Class 39.

437,048. CORSETS AND GIRDLES. FORM FLEX FOUNDATIONS, INC., New York, N. Y.
Filed June 21, 1947. Serial No. 524,602. PUBLISHED DECEMBER 9, 1947. Class 39.

437,049. DRUMS, CYMBALS, FIFES, BUGLES, LYRES, AND OCARINAS. FRANK NOVAK, doing business as Musicommercials by Novak, New York, N. Y.
Filed June 21, 1947. Serial No. 524,615. PUBLISHED DECEMBER 9, 1947. Class 36.

437,050. CANNED ABALONE. MARINE PRODUCTS COMPANY, San Diego, Calif.
Filed June 23, 1947. Serial No. 524,657. PUBLISHED DECEMBER 2, 1947. Class 46.

437,051. LADIES' DRESSES. SAM FRIEDLANDER, INC., New York, N. Y.
Filed June 24, 1947. Serial No. 524,698. PUBLISHED DECEMBER 9, 1947. Class 39.

437,052. BRASSIÈRES. HALT BRASSIERE CO. INC., New York, N. Y.
Filed June 24, 1947. Serial No. 524,704. PUBLISHED DECEMBER 9, 1947. Class 39.

437,053. INSECTICIDE USED FOR THE ERADICATION OF TERMITES. CHRISTIAN H. MOMBERGER, Baltimore, Md.
Filed June 25, 1947. Serial No. 524,806. PUBLISHED DECEMBER 9, 1947. Class 6.

437,054. WINDOW CURTAINS, DRAPES, AND CURTAIN AND DRAPERY FABRICS IN THE PIECE MADE OF COTTON, ETC. HOUSE BEAUTIFUL CURTAINS, INC., New York, N. Y.
Filed July 1, 1947. Serial No. 525,331. PUBLISHED DECEMBER 2, 1947. Class 42.

437,055. SOAPS. THE J. R. WATKINS COMPANY, Winona, Minn.
Filed July 1, 1947. Serial No. 525,464. PUBLISHED NOVEMBER 11, 1947. Class 4.

437,056. TEXTILE FABRICS IN THE PIECE (ESPECIALLY GABARDINES) OF RAYON, COTTON, WOOL, AND COMBINATIONS THEREOF. CONCORDIA-GALLIA CORPORATION, New York, N. Y.
Filed July 1, 1947. Serial No. 525,478. PUBLISHED DECEMBER 2, 1947. Class 42.

437,057. COMBINATION ENVELOPE AND STATEMENT FORM. ENVOSTAT DISTRIBUTORS, Cincinnati, Ohio.
Filed July 1, 1947. Serial No. 525,479. PUBLISHED NOVEMBER 25, 1947. Class 37.

437,058. MECHANICALLY GROOVED PHONOGRAPH RECORDS. ANTILLEAN MUSIC FEATURES, INC., New York, N. Y.
Filed July 3, 1947. Serial No. 525,761. PUBLISHED DECEMBER 9, 1947. Class 36.

437,059. CHINAWARE—NAMELY, TABLE CHINA. SIGMA NU FRATERNITY, Indianapolis, Ind.
Filed July 4, 1947. Serial No. 526,301. PUBLISHED DECEMBER 2, 1947. Class 30.

437,060. CHINAWARE—NAMELY, TABLE CHINA. SIGMA NU FRATERNITY, Indianapolis, Ind.
Filed July 4, 1947. Serial No. 526,302. PUBLISHED DECEMBER 2, 1947. Class 30.

ACT OF 1920

These registrations are not subject to opposition.

437,061. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS AND PARTS THEREOF.) WILDT AND COMPANY, LIMITED, Leicester, England. Filed Jan. 14, 1944. Serial No. 466,600.

WILDT

FOR KNITTING MACHINES FOR TEXTILE FABRICS AND GARMENTS.
Claims use since 1884.

437,062. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) R. D. WERNER CO., INC., New York, N. Y. Filed July 30, 1945. Serial No. 486,510.

Chromtrim

FOR UNFINISHED OR PARTLY FINISHED NONFERROUS METAL SHEETS AND RODS.
Claims use since Dec. 1, 1941.

437,063. (CLASS 12. CONSTRUCTION MATERIALS.) THE RELIANCE ART METAL COMPANY, Cincinnati, Ohio. Filed Jan. 26, 1946. Serial No. 495,508.

KLEER-VU

FOR INTERIOR AND EXTERIOR ADMISSION DOORS FOR USE IN BUILDINGS AND EITHER PARTIALLY OR WHOLLY COMPOSED OF GLASS.
Claims use since Sept. 19, 1940.

437,064. (CLASS 32. FURNITURE AND UPHOLSTERY.) AMERICAN CHAIR COMPANY, Sheboygan, Wis. Filed Mar. 1, 1946. Serial No. 497,438.



FOR DAVENPORTS BOTH SECTIONAL AND STATIONARY WITH MATCHING CHAIRS, UPHOLSTERED OCCASIONAL CHAIRS, WOODEN SEAT OCCASIONAL CHAIRS, OCCASIONAL TABLES, DESKS, DINETTE AND DINING ROOM TABLES AND CHAIRS, BUFFETS, CUPBOARDS, CREDENZAS, CHINA CABINETS, SERVING TABLES, CHEST OF DRAWERS, CHIFFONIERS, CHIFFOROBES, DRESSERS, VANITIES AND NIGHT TABLES.
Claims use since Oct. 15, 1945.

437,065. (CLASS 45. SOFT DRINKS AND CARBONATED WATERS.) CHURCH GRAPE JUICE CO., Kennewick, Wash. Filed Mar. 23, 1946. Serial No. 498,824.



Applicant is the owner of registration No. 230,427. The drawing is lined to indicate shading.
FOR GRAPE JUICE.
Claims use since February 1940.

437,066. (CLASS 47. WINES.) AUSTIN, NICHOLS & CO., INCORPORATED, Brooklyn, N. Y. Filed Mar. 26, 1946. Serial No. 498,977.

JOHNSTON'S ORIGINAL



FOR WINE.
Claims use since Dec. 28, 1939.

437,067. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS AND PARTS THEREOF.) MARVIN L. VAN NESS, Welsh, La. Filed May 21, 1946. Serial No. 502,544.



FOR IRRIGATION AND DRAINAGE PUMPS.
Claims use since July 1943.

437,068. (CLASS 13. HARDWARE AND PLUMBING AND STEAM FITTING SUPPLIES.) THE LEAVITT MACHINE COMPANY, Orange, Mass. Filed June 14, 1946. Serial No. 503,911.

Dexter

FOR AUTOMATIC SEPARATORS TO BE SET IN AN INDUSTRIAL COMPRESSED AIR LINE FOR REMOVING THEREFROM UNDESIRED LIQUIDS AND SOLIDS.
Claims use since October 1944.

437,069. (CLASS 45. SOFT DRINKS AND CARBONATED WATERS.) SAUL PRUZAN, doing business as Dubl-Rich Bottling Co., Kansas City, Mo. Filed June 27, 1946. Serial No. 504,700.

DUBL-RICH

FOR NON-ALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGE IN THE NATURE OF A SOFT DRINK.
Claims use since March 1946.

437,070. (CLASS 39. CLOTHING.) SHARON ROBE CO., INC., Boston, Mass. Filed Sept. 18, 1946. Serial No. 509,309.

SHARON

FOR MEN'S AND BOYS' LOUNGING ROBES AND BATH ROBES, AND MEN'S SHIRTS, SWEATERS AND SLACKS.
Claims use since Aug. 6, 1946.

437,071. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) H. D. HUDSON MANUFACTURING COMPANY, Chicago, Ill. Filed Oct. 11, 1946. Serial No. 510,683.

HUDSON

Applicant is the owner of Reg. No. 223,040.
FOR POULTRY EQUIPMENT—NAMELY, BROODERS, POULTRY FOUNTAINS UNATTACHED TO PLUMBING, FEEDERS, POULTRY NESTS AND TRAPS AND ATTACHMENTS AND PARTS THEREOF; PIG AND LAMB BROODERS, HOG FEEDERS, FEEDER PANS AND UNPLUMBED WATERERS; AND UNPLUMBED STOCK WATER BOWLS.
Claims use since 1930.

437,072. (CLASS 47. WINES.) THE HAMMER COMPANY, Cleveland, Ohio. Filed Nov. 5, 1946. Serial No. 512,062.

ROSEMONT

FOR MUSCATEL, SHERRY, AND PORT WINES.
Claims use since March 1937.

437,073. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) SKILLMILL, INC., New York, N. Y. Filed May 2, 1947. Under the act of March 19, 1920, as amended June 10, 1938. Serial No. 521,758.

a HOPE SKILLMAN fabric

FOR FABRICS MADE OF COTTON AND RAYON AND COMBINATIONS THEREOF, SOLD BY THE PIECE, YARD, OR BOLT.
Claims use since July 1, 1944.

437,074. (CLASS 32. FURNITURE AND UPHOLSTERY.) ARLINGTON WINDOW SHADE CORPORATION, New York, N. Y. Filed May 13, 1947. Serial No. 522,304.

ARLINGTON

FOR VENETIAN BLINDS.
Claims use since 1942.

437,075. (CLASS 39. CLOTHING.) THE GLOBE TAILORING COMPANY, Cincinnati, Ohio. Filed June 14, 1947. Serial No. 524,179.

MM Master Made CLOTHES

FOR MEN'S, YOUNG MEN'S, AND BOYS' CLOTHING, CONSISTING OF TROUSERS, PANTS, VESTS, COATS, JACKETS, AND OVERCOATS.
Claims use since July 1, 1922.

437,076. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS AND PARTS THEREOF.) ERNEST A. STIENEN, doing business as Standard Fabricators, New York, N. Y. Filed June 17, 1947. Serial No. 524,357.

Stienen

FOR DYEING MACHINERY FOR TEXTILES AND THE LIKE, INCLUDING DYE TANKS, HOLDERS, EXTRACTORS, DRIERS AND THE LIKE.
Claims use since Sept. 1, 1940.

ACT OF 1946, PRINCIPAL REGISTER

500,004. FELT BASE FLOOR COVERINGS, BOTH PIECE GOODS AND RUGS. ARMSTRONG CORK COMPANY, Manheim Township, Lancaster County, Pa. Filed July 5, 1947. Serial No. 507,962. PUBLISHED DECEMBER 2, 1947. Class 20.

ACT OF 1946, SUPPLEMENTAL REGISTER

These registrations are not subject to opposition.

500,005. (CLASS 39. CLOTHING.) NEAL'S, INC., Boston, Mass., and Los Angeles, Calif. Filed Oct. 1, 1947. Serial No. 536,423.

Neal's OF CALIFORNIA

FOR LADIES' DRESSES, COATS, SUITS, SLACKS, SHORTS, SKIRTS, AND BLOUSES; AND MEN'S SHIRTS AND NECKTIES.
Claims use since June 12, 1946.

TRADE-MARK REGISTRATIONS RENEWED

30,076. "RIPOLIN" ETC. AND DESIGN. Registered May 25, 1897. The Firm of Gustav Briegleb, Amsterdam, Netherlands. Re-renewed May 25, 1947, to Societe Le Ripolin (Societe Anonyme Francaise de Peintures Laquees et d'Enduits Sous-Marins, -Procedes Lefranc & Briegleb reunis), Paris, France, a French corporation. PAINTING-COLOR AND VARNISH. Class 16.

55,381. THE CHRISTIAN ENDEAVOR WORLD CONTINUING THE GOLDEN RULE. Registered Aug. 14, 1906. The Golden Rule Company, Boston, Mass. Renewed Aug. 14, 1946, to The Christian Endeavor World, Inc., Columbus, Ohio, a corporation of Massachusetts. MAGAZINES. Class 38.

63,869. T & C MONOGRAM ENCLOSED IN SHIELD DESIGN ETC. Registered July 9, 1907. Taylor, Stiles & Company. Re-renewed July 9, 1947, to Taylor, Stiles & Company, Riegelsville, N. J., a corporation of New Jersey. MACHINERY AND PARTS OF MACHINERY FOR CUTTING STOCK FOR THE MANUFACTURE OF PAPER. Class 23.

64,310. "HUNTER'S CREAM" AND REPRESENTATION OF MAN AND DOG ENCLOSED BY CIRCULAR DRAWING. Registered July 30, 1907. The Hunter Milling Co., Wellington, Kans., a corporation of Kansas. Re-renewed July 30, 1947. WHEAT-FLOUR. Class 46.

64,866. "OLD TOM" ETC. AND DESIGN. Registered Aug. 27, 1907. Tanqueray Gordon & Co. Limited. Renewed Aug. 27, 1947, to Charles Tanqueray & Co. Limited, London, England, a limited liability company registered under the laws of Great Britain. GIN. Class 49.

65,631. SOZODONT. Registered Oct. 15, 1907. Henry J. S. Hall, Wm. Henry Hall, Martha M. Hall and Irad Hawley, executors of the estate of William Henry Hall, deceased. Re-renewed Oct. 15, 1947, to Hall & Ruckel, Inc., New York, N. Y., a corporation of New York. DENTIFRICES IN LIQUID, POWDER, PASTE AND SOAP FORM. Class 6.

65,821. "OPAL" AND FANCIFUL DRAWING. Registered Oct. 22, 1907. Charles Hewitt & Sons Co., Des Moines, Iowa. Re-renewed Oct. 22, 1947, to Winston and Newell Company, Minneapolis, Minn., a corporation of Delaware. TEA AND COFFEE. Class 46.

65,858. "ALCOLA" AND DRAWING. Registered Oct. 29, 1907. The Physicians Co-Operative Association, Chicago, Ill., an association of Illinois. Re-renewed Oct. 29, 1947. REMEDY FOR INEBRIETY. Class 6.

66,059. "POCAHONTAS BRAND" AND DRAWING. Registered Nov. 5, 1907. H. P. Taylor, Jr. Re-renewed Nov. 5, 1947, to H. P. Taylor, Jr., Inc., Richmond, Va., a corporation of Virginia. CANNED FRUITS AND VEGETABLES. Class 46.

66,340. COASTER. Registered Nov. 19, 1907. Paramount Knitting Company. Re-renewed Nov. 19, 1947, to Bear Brand Hosiery Co., Chicago, Ill., a corporation of Illinois. HOSIERY. Class 39.

66,490. DEWARS' WHISKY. Registered Dec. 3, 1907. John Dewar & Sons, Limited, Perth, Scotland, a corporation organized under the laws of the United Kingdom of Great Britain and Northern Ireland. Re-renewed Dec. 3, 1947. WHISKY. Class 49.

66,525. DRESS PARADE. Registered Dec. 10, 1907. Paramount Knitting Company. Re-renewed Dec. 10, 1947, to Bear Brand Hosiery Co., Chicago, Ill., a corporation of Illinois. HOSIERY. Class 39.

66,650. "OWBRIDGE'S LUNG TONIC", AND MONOGRAM WTO. Registered Dec. 17, 1907. W. T. Owbridge, Limited, Hull, England, a corporation organized under the laws of the United Kingdom of Great Britain and Northern Ireland. Re-renewed Dec. 17, 1947. LUNG TONIC. Class 6.

66,702. YOUNG AMERICA. Registered Dec. 24, 1907. Paramount Knitting Co. Re-renewed Dec. 24, 1947, to Bear Brand Hosiery Co., Chicago, Ill., a corporation of Illinois. HOSIERY. Class 39.

66,758. RELIABLE. Registered Dec. 24, 1907. American Stove Company, Jersey City, N. J., and St. Louis, Mo. Re-renewed Dec. 24, 1947, to American Stove Company, St. Louis, Mo., a corporation of New Jersey. GAS STOVES, GAS RANGES, GAS HEATERS, COAL RANGES, HEATING BURNERS, WATER HEATERS AND OVENS. Class 34.

66,951. "ZEL". Registered Jan. 7, 1908. Holton & Adams. Re-renewed Jan. 7, 1948, to Holton & Adams, Inc., New York, N. Y., a corporation of New York. BRUSHES. Class 29.

67,271. "PLUME" AND REPRESENTATION OF A PLUME. Registered Jan. 28, 1908. The J. K. Armsby Company, Chicago, Ill., and San Francisco, Calif. Re-renewed Jan. 28, 1948, to California Packing Corporation, San Francisco, Calif., a corporation of New York. DRIED FRUITS—NAMELY, APPLES, APRICOTS, CHERRIES, NECTARINES, PEACHES, PEARS, PLUMS, PRUNES, AND RAISINS. Class 46.

67,278. SUN-KIST. Registered Jan. 28, 1908. The J. K. Armsby Company, Chicago, Ill., and San Francisco, Calif. Re-renewed Jan. 28, 1948, to California Packing Corporation, San Francisco, Calif., a corporation of New York. CANNED FRUITS AND DRIED FRUITS—NAMELY, APPLES, APRICOTS, CHERRIES, NECTARINES, PEACHES, PEARS, PLUMS, PRUNES, RAISINS. Class 46.

67,286. REPRESENTATION OF A BALE OF COTTON IN RECTANGULAR OUTLINE. Registered Jan. 28, 1908. The Chas. A. Maish Co., Cincinnati, Ohio, a corporation of Ohio. Re-renewed Jan. 28, 1948. COMFORTS. Class 42.

67,460. MONOGRAM C T CO. WITH REPRESENTATION OF A CRESCENT. Registered Feb. 4, 1908. Crescent Tool Company, Jamestown, N. Y., a corporation of New York. Re-renewed Feb. 4, 1948. WRENCHES AND PLIERS. Class 23.

67,620. ELLIPTICAL DESIGN ENCLOSED IN RECTANGULAR OUTLINE. Registered Feb. 11, 1908. Minard's Liniment Manufacturing Company, Framingham and Boston, Mass. Re-renewed Feb. 11, 1948, to Minard Company, Hyannis, Mass., a corporation of Massachusetts. LINIMENT. Class 6.

67,651. "ORBON" AND DESIGN. Registered Feb. 11, 1908. Orbon Stove and Range Co. Re-renewed Feb. 11, 1948, to Orbon Stove Co., Belleville, Ill., a corporation of Delaware. STOVES AND RANGES. Class 34.

67,845. PORCELITE. Registered Feb. 18, 1908. The Thomson Wood Finishing Co. Re-renewed Feb. 18, 1948, to Thomson-Porcelite Paint Co., Philadelphia, Pa., a corporation of Pennsylvania. VARNISHES, ENAMELS, AND VARNISH-PAINTS. Class 16.

67,970. PANASE. Registered Mar. 3, 1908. Frederick Stearns & Co. Re-renewed Mar. 3, 1948, to Sterling Drug Inc., Detroit, Mich., a corporation of Delaware. REMEDIES FOR INDIGESTION AND DYSPEPSIA. Class 6.

68,223. THE LETTER R. Registered Mar. 17, 1908. Railway Steel Spring Company. Re-renewed Mar. 17, 1948, to American Locomotive Company, New York, N. Y., a corporation of New York. RAILWAY-CAR SPRINGS, RAILWAY-CAR WHEELS AND TIRES THEREOF, AND OIL-BOX COVERS FOR RAILWAY ROLLING-STOCK. Class 19.

68,484. THOMSON'S. Registered Apr. 14, 1908. The Thomson Wood Finishing Co. Re-renewed Apr. 14, 1948, to Thomson-Porcelite Paint Co., Philadelphia, Pa., a corporation of Pennsylvania. PREPARED AND MIXED PAINTS, VARNISHES, COLORS, FILLERS, SURFACERS, STAINS, AND ENAMELS. Class 16.

68,557. COALITE. Registered Apr. 14, 1908. The Potts Powder Company, Reynolds, Pa., and New York, N. Y. Re-renewed Apr. 14, 1948, to Atlas Powder Company, Wilmington, Del., a corporation of Delaware. NITROGLYCERIN DYNAMITE. Class 9.

68,628. UNDERWOOD, MONOGRAM UT AND REPRESENTATION OF TYPEWRITER. Registered Apr. 21, 1908. Underwood Typewriter Company. Re-renewed Apr. 21, 1948, to Underwood Corporation, New York, N. Y., a corporation of Delaware. TYPEWRITING MACHINES AND TYPEWRITING-MACHINE PARTS. Class 23.

151,396. MERROW. Registered Jan. 31, 1922. The Merrow Machine Company, Hartford, Conn., a corporation of Connecticut. Renewed Jan. 5, 1948 (Supplemental Register). SEWING MACHINES, OVERSEAMING AND CROCHET SEWING MACHINES. Class 23.

169,006. BENDIX. Registered May 29, 1923. Eclipse Machine Company. Renewed Jan. 5, 1948 (Supplemental Register), to Bendix Aviation Corporation, Elmira Heights, N. Y., a corporation of Delaware. DRIVES AND PARTS OF DRIVES FOR STARTERS FOR ENGINES. Class 23.

178,722. "G WASHINGTON'S PREPARED COFFEE" AND DRAWING. Registered Jan. 15, 1924. G. Washington Coffee Refining Co. Renewed Jan. 5, 1948 (Supplemental Register), to American Home Foods, Inc., New York, N. Y., a corporation of New York. PREPARED COFFEE. Class 46.

189,484. "DIAMOND PACKAGE DYES" AND RECTANGULAR DESIGN. Registered Sept. 16, 1924. Wells & Richardson Company, Incorporated, Burlington, Vt. Renewed Jan. 5, 1948 (Supplemental Register) to Boyle-Midway Inc., New York, N. Y., a corporation of Delaware. DYES. Class 6.

192,834. "MAIDEN FORM" AND HEAVY UNDERLINE. Registered Dec. 9, 1924. Enid Frocks, Inc. Renewed Jan. 5, 1948 (Supplemental Register), to Maiden Form Brassiere Co., Inc., New York, N. Y., a corporation of New York. BRASSIÈRES. Class 39.

210,926. BLUD-LIFE. Registered Mar. 30, 1926. Blud Life Company, Inc. Renewed Mar. 30, 1946, to The B-L Company, Inc., Atlanta, Ga., a corporation of Georgia. MEDICINE FOR USE IN THE TREATMENT OF INDIGESTION, CONSTIPATION, AND SKIN DISEASES, AND FOR RENEWING AND STRENGTHENING THE BLOOD, REPAIRING AND CLEANSING THE SYSTEM, RESTORING APPETITE AND ENERGY. Class 6.

214,970. PETROMALT. Registered July 6, 1926. The United Laboratories. Renewed July 6, 1946, to United Laboratories, Ltd., Pasadena, Calif., a corporation of California. EMULSION OF PETROLATUM WITH MALT. Class 6.

214,971. MALTOLATUM. Registered July 6, 1926. The United Laboratories. Renewed July 6, 1946, to United Laboratories, Ltd., Pasadena, Calif., a corporation of California. EMULSION OF PETROLATUM WITH MALT. Class 6.

224,461. CHILTOMALINE. Registered Mar. 1, 1927. Mexican Chile Supply Company, Fort Worth, Tex., a firm. Renewed Mar. 1, 1947. CHILE PREPARATIONS IN POWDERED FORM FOR SEASONING MEATS, GRAVIES, HASH, SOUPS, STEWS, AND COOKED VEGETABLES AND FOR MAKING CHILE CON CARNE, CHILE DE FRIJOLES, AND CHILE COLORROW. Class 46.

224,484. "IPCO" AND DESIGN. Registered Mar. 1, 1927. Industrial Products Company, Philadelphia, Pa., a corporation of Pennsylvania. Renewed Mar. 1, 1947. SAFETY PROTECTION CLOTHING—NAMELY, APRONS, BLANKETS, GLOVES, HELMETS, HOODS, SHOES, LEGGINGS, SLEEVES, SUITS, OILSKIN CLOTHING, COATS, BOOTS, BOOTEES, SPATS, AND OVERALLS. Class 39.

226,976. "JAPANESE TISSUE" AND DRAWING IN VARIOUS COLORS. Registered Apr. 26, 1927. Northern Paper Mills, Green Bay, Wis., a corporation of Wisconsin. Renewed Apr. 26, 1947. TOILET PAPER. Class 37.

227,135. BURMA-SHAVE. Registered Apr. 26, 1927. Burma-Vita Co., assignor to Burma-Vita Company. Renewed Jan. 5, 1948 (Supplemental Register), to Burma-Vita Company, Minneapolis, Minn., a corporation of Minnesota. SHAVING CREAM TO BE USED BEFORE SHAVING. Class 4.

227,656. "PRIDE OF THE NATION" AND DRAWING. Registered May 10, 1927. Mildred A. Little. Renewed May 10, 1947, to Albert Ehlers, Inc., Brooklyn, N. Y., a corporation of New York. COFFEE. Class 46.

228,059. JES-SO! Registered May 24, 1927. Jos. Socolof Co., Inc., Brooklyn, N. Y. Renewed May 24, 1947, to Sweet Life Food Corporation, New York, N. Y., a corporation of New York. CANNED VEGETABLES AND FRUITS. Class 46.

231,306. FOTOCOLOR PLATES. Registered Aug. 16, 1927. Jeffery White Studio, Inc., Detroit, Mich., a corporation of Michigan. Renewed Aug. 16, 1947. PRINTING PLATES AND PHOTO FILMS. Class 26.

231,505. "CITEX" ETC. AND DESIGN. Registered Aug. 23, 1927. Cities Service Oil Company, Cleveland, Ohio. Renewed Aug. 23, 1947, to Cities Service Oil Company, Bartlesville, Okla., a corporation of Delaware. KEROSENE, GASOLINE, LUBRICATING OILS AND GREASES. Class 15.

231,675. "MARQUE-DEPOSEE" AND REPRESENTATION OF LION AND A WHEEL. Registered Aug. 23, 1927. Durand & Huguenin S. A., Basel, Switzerland, a corporation organized under the laws of Switzerland. Renewed Aug. 23, 1947. ARTIFICIAL DYESTUFFS AND CHEMICAL PRODUCTS FOR DYEING AND PRINTING. Class 6.

232,170. "COLORSTONE" ENCLOSED IN RECTANGULAR OUTLINE. Registered Sept. 6, 1927. Builder's Specialty Co., Inc. Renewed Sept. 6, 1947, to George W. Orth, doing business as Builder's Specialty Company, Philadelphia, Pa. CEMENT COLORS. Class 12.

232,369. AMERICAN CLUB. Registered Sept. 6, 1927. The Henry Gehring Company, Cleveland, Ohio. Renewed Sept. 6, 1947, to Maurice J. White, Rochester, N. Y. GINGER ALE. Class 45.

232,417. PAX. Registered Sept. 6, 1927. The Colorado Milling & Elevator Co., also doing business as The Pacific Seed House, Denver, Colo., and Salt Lake City, Utah. Renewed Sept. 6, 1947, to Kelly-Western Seed Company, Salt Lake City, Utah, a firm. HORSE FEED, COW FEED, CHICKEN FEED, SHEEP FEED, PIG FEED, AND CALF FEED. Class 46.

232,607. "AIR TRED" ETC. AND DESIGN. Registered Sept. 13, 1927. Charles A. Eaton Company, Brockton, Mass. Renewed Sept. 13, 1947, to Air-Tred Shoe Corp., Auburn, Maine, a corporation of Maine. SHOES OF LEATHER, RUBBER, OR FABRIC OR COMBINATIONS OF SUCH MATERIAL. Class 39.

232,872. MASTER FOG. Registered Sept. 20, 1927. Hudson Manufacturing Co., Minneapolis, Minn. Renewed Sept. 20, 1947, to H. D. Hudson Manufacturing Company, Chicago, Ill., a corporation of Minnesota. HAND-OPERATED PORTABLE SPRAYERS AND PARTS THEREOF. Class 23.

232,873. SCOUT. Registered Sept. 20, 1927. Hudson Manufacturing Co., Minneapolis, Minn. Renewed Sept. 20, 1947, to H. D. Hudson Manufacturing Company, Chicago, Ill., a corporation of Minnesota. HAND-OPERATED PORTABLE SPRAYERS AND PARTS THEREOF. Class 23.

232,943. MORO. Registered Sept. 20, 1927. Hudson Manufacturing Co., Minneapolis, Minn. Renewed Sept. 20, 1947, to H. D. Hudson Manufacturing Company, Chicago, Ill., a corporation of Minnesota. HAND-OPERATED PORTABLE SPRAYERS AND PARTS THEREOF. Class 23.

232,966. "PUMICITE" AND CONCENTRIC CIRCULAR OUTLINE. Registered Sept. 20, 1927. The Volcanic Ash Company of America, Kansas City, Mo. Renewed Sept. 20, 1947, to The Pumicite Company, St. Louis, Mo., a corporation of Missouri. VOLCANIC ASH. Class 1.

233,049. BLUE TOP. Registered Sept. 20, 1927. The Woodville Lime Products Company, Toledo, Ohio, a corporation of Ohio. Renewed Sept. 20, 1947. LIME. Class 12.

233,050. BLUE BOY. Registered Sept. 20, 1927. The Woodville Lime Products Company, Toledo, Ohio, a corporation of Ohio. Renewed Sept. 20, 1947. LIME. Class 12.

234,009. "TRU-ART" AND DESIGN. Registered Oct. 18, 1927. J. Schwartz Music Co. Inc. Renewed Oct. 18, 1947, to Micro Musical Products Corp., New York, N. Y., a corporation of New York. MUSICAL INSTRUMENT ACCESSORIES—NAMELY, STEEL, GUT, AND SILK STRINGS FOR FRETTED AND BOWED INSTRUMENTS, AND OTHER NAMED ACCESSORIES. Class 36.

234,389. "NATURE'S PRIDE" AND DESIGN. Registered Oct. 25, 1927. Dean-Osking Company. Renewed Oct. 25, 1947, to Dean Osking Company, Hatton, N. Dak., a corporation of North Dakota. GRADED RAW POTATOES. Class 46.

234,438. KEZAR'S MAGIC SALVE. Registered Oct. 25, 1927. Hiram L. Kezar, Durand, Wis., assignor to Fred A. Brown and Henry William Randall. Renewed Oct. 25, 1947, to Tom P. Hartung, Arkansaw, Wis. A HEALING SALVE, AND PARTICULARLY ADAPTED FOR THE TREATMENT OF BOILS, ABSCESSES, FELONS, CORNS, AND OTHER NAMED AILMENTS. Class 6.

234,557. MO-GROW. Registered Nov. 1, 1927. Mo-Grow Chemical Co., Flora, Miss. Renewed Nov. 1, 1947, to Plough, Inc., Memphis, Tenn., a corporation of Delaware. FAIR-SKIN OINTMENT, SKIN BALM, HAIR DRESSING AND GROWER, AND PRESSING COMPOUND FOR THE HAIR. Class 6.

234,588. "CREST" AND HERALDIC DESIGN. Registered Nov. 1, 1927. The Crest Company, Chicago, Ill., a corporation of Illinois. Renewed Nov. 1, 1947. ELECTRICAL LAMPS, TORCHÈRES, AND CANDELABRA. Class 21.

234,624. CANCELLOGRAPH. Registered Nov. 1, 1927. Automatic Ticket Register Corporation, New York, N. Y. Renewed Nov. 1, 1947, to General Register Corporation, Long Island City, N. Y., a corporation of New York. TICKET PRINTING, REGISTERING, AND ISSUING MACHINES. Class 26.

234,863. MASTIPAVE. Registered Nov. 8, 1927. The Paraffine Companies, Inc., San Francisco, Calif., a corporation of Delaware. Renewed Nov. 8, 1947. FLOOR COVERING FOR INDUSTRIAL USE AND COMPRISING A FELT BASE TREATED WITH A BITUMINOUS COMPOUND. Class 20.

234,948. "DR. AXTELL'S PILLS" AND SIGNATURE OF W. H. AXTELL. Registered Nov. 8, 1927. Frances C. Axtell, Bellingham, Wash. Renewed Nov. 8, 1947, to Frances C. Axtell, Seattle, Wash. PILLS FOR CONSTIPATION. Class 6.

234,952. "PRESIDENT MADISON" AND DRAWING. Registered Nov. 8, 1927. New York Canners, Inc., Rochester, N. Y. Renewed Nov. 8, 1947, to General Foods Corporation, New York, N. Y., a corporation of Delaware. CANNED FRUITS, CANNED VEGETABLES. Class 46.

235,063. "BLUE DIAMOND" ETC. AND DRAWING LINED FOR COLORS WHITE AND BLUE. Registered Nov. 8, 1927. James A. Hearn & Son, Inc. Renewed Nov. 8, 1947, to Hearn Department Stores, Inc., New York, N. Y., a corporation of New York. COTTON PIECE GOODS—VIZ., SHEETS, SHEETINGS, PILLOW CASES, TICKING, MATTRESS COVERS, DIAPERS, DIAPER CLOTH. Class 42.

235,076. SUNSET CRAYONS. Registered Nov. 8, 1927. Hi-Jen Crayon Co., Valley Park, Mo. Renewed Nov. 8, 1947, to The American Crayon Company, Sandusky, Ohio, a corporation of Ohio. CRAYONS. Class 37.

235,110. EASYBRIGHT. Registered Nov. 8, 1927. J. L. Prescott Company, New York, N. Y. Renewed Nov. 8, 1947, to J. L. Prescott Company, Passaic, N. J., a corporation of New Jersey. STOVE ENAMEL POLISH. Class 4.

235,261. LABDOR. Registered Nov. 15, 1927. The Governor and Company of Adventurers of England trading into Hudson's Bay, London, England. Renewed Nov. 15, 1947, to Job Bros., & Co. Ltd., St. Johns, Newfoundland, a corporation organized under the laws of Newfoundland. FRESH FROZEN AND CANNED FISH. Class 46.

235,262. HUBAY. Registered Nov. 15, 1927. The Governor and Company of Adventurers of England trading into Hudson's Bay, London, England. Renewed Nov. 15, 1947, to Job Bros., & Co. Ltd., St. Johns, Newfoundland, a corporation organized under the laws of Newfoundland. FRESH FROZEN AND CANNED FISH. Class 46.

235,308. TRANS FOUR. Registered Nov. 15, 1927. Neidich Process Company, Burlington, N. J. Renewed Nov. 15, 1947, to Underwood Corporation, New York, N. Y., a corporation of Delaware. CARBON PAPER. Class 11.

235,342. "BIG LINE" ETC. AND DESIGN LINED FOR RED. Registered Nov. 15, 1927. Rubin Brothers, Chicago, Ill., a partnership. Renewed Nov. 15, 1947. OVERALLS AND COATS FOR MEN, WOMEN, AND CHILDREN. Class 39.

235,372. "S W B" AND DRAWING. Registered Nov. 15, 1927. Schumacher Wall Board Corporation, Wilmington, Del., Seattle, Wash., and Los Angeles, Calif. Renewed Nov. 15, 1947, to The Paraffine Companies, Inc., San Francisco, Calif., a corporation of Delaware. PLASTER BOARD, WALL BOARD, AND COMPOSITION BOARD. Class 12.

235,384. PIGMENTAR. Registered Nov. 15, 1927. E. W. Colledge General Sales Agent, Inc., Jacksonville, Fla., a corporation of Florida. Renewed Nov. 15, 1947. PINE TAR. Class 1.

235,460. "FISHER'S BRAND ALMONDS" ETC. AND REPRESENTATION OF A FISH. Registered Nov. 22, 1927. Herman C. Fisher. Renewed Nov. 22, 1947, to Herman C. Fisher Company, San Francisco, Calif., a corporation of California. ALMONDS IN THEIR NATURAL STATE. Class 46.

235,487. "NATURALINE" ENCLOSED IN RECTANGULAR OUTLINE. Registered Nov. 22, 1927. Chestnut & Smith Corporation, Tulsa, Okla. Renewed Nov. 22, 1947, to Lone Star Producing Company, Dallas, Tex., a corporation of Texas. GASOLINE. Class 15.

235,583. "FOOT-LITE". Registered Nov. 22, 1927. Brooks Shoe Manufacturing Company. Renewed Nov. 22, 1947, to Brooks Shoe Manufacturing Company (also known as Brooks Shoe Mfg. Co.), Philadelphia, Pa., a partnership. LEATHER AND FABRIC BALLET SLIPPERS. Class 39.

235,596. PYRENE. Registered Nov. 22, 1927. Pyrene Manufacturing Company, Newark, N. J., a corporation of Delaware. Renewed Nov. 22, 1947. AUTOMOBILE TIRE CHAINS. Class 13.

235,685. ST. JOSEPH'S PURE ASPIRIN. Registered Nov. 22, 1927. Plough Chemical Company, doing business as The St. Joseph Company. Renewed Nov. 22, 1947, to Plough, Inc., Memphis, Tenn., a corporation of Delaware. MEDICINAL PREPARATION—NAMELY, ASPIRIN. Class 6.

235,702. NENITA. Registered Nov. 22, 1927. Paul Peter Mülhens, doing business as Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mülhens, Cologne-on-the-Rhine, Germany. Vested in the Attorney General of the United States, Washington, D. C., and renewed to him Nov. 22, 1947. SOAPS, INCLUDING TOILET SOAPS, SHAVING STICKS. Class 4.

235,703. JASPIS. Registered Nov. 22, 1927. Paul Peter Mülhens, doing business as Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mülhens, Cologne-on-the-Rhine, Germany. Vested in the Attorney General of the United States, Washington, D. C., and renewed to him Nov. 22, 1947. SOAPS, INCLUDING TOILET SOAPS, SHAVING STICKS. Class 4.

235,704. GABI. Registered Nov. 22, 1927. Paul Peter Mülhens, doing business as Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mülhens, Cologne-on-the-Rhine, Germany. Vested in the Attorney General of the United States, Washington, D. C., and renewed to him Nov. 22, 1947. SOAPS, INCLUDING TOILET SOAPS, SHAVING STICKS. Class 4.

235,736. GRAL. Registered Nov. 22, 1927. Paul Peter Mülhens, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mülhens, Cologne-on-the-Rhine, Germany. Vested in the Attorney General of the United States, Washington, D. C., and renewed to him Nov. 22, 1947. EAU DE COLOGNE WATER, PERFUMERY, HAIR TONICS, SHAMPOO, POMADE, BRILLIANTINE, COLD CREAM, VANISHING CREAM, AND OTHER NAMED TOILETRY ITEMS. Class 6.

235,737. GABI. Registered Nov. 22, 1927. Paul Peter Mülhens, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mülhens, Cologne-on-the-Rhine, Germany. Vested in the Attorney General of the United States, Washington, D. C., and renewed to him Nov. 22, 1947. EAU DE COLOGNE WATER, PERFUMERY, HAIR TONICS, SHAMPOO, POMADE, BRILLIANTINE, COLD CREAM, VANISHING CREAM, AND OTHER NAMED TOILETRY ITEMS. Class 6.

235,738. REVUE. Registered Nov. 22, 1927. Paul Peter Mülhens, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mülhens, Cologne-on-the-Rhine, Germany. Vested in the Attorney General of the United States, Washington, D. C., and renewed to him Nov. 22, 1947. EAU DE COLOGNE WATER, PERFUMERY, HAIR TONICS, SHAMPOO, POMADE, BRILLIANTINE, COLD CREAM, VANISHING CREAM, AND OTHER NAMED TOILETRY ITEMS. Class 6.

235,739. JASPIS. Registered Nov. 22, 1927. Paul Peter Mülhens, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mülhens, Cologne-on-the-Rhine, Germany. Vested in the Attorney General of the United States, Washington, D. C., and renewed to him Nov. 22, 1947. EAU DE COLOGNE WATER, PERFUMERY, HAIR TONICS, SHAMPOO, POMADE, BRILLIANTINE, COLD CREAM, VANISHING CREAM, AND OTHER NAMED TOILETRY ITEMS, Class 6.

235,740. NENITA. Registered Nov. 22, 1927. Paul Peter Mülhens, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mülhens, Cologne-on-the-Rhine, Germany. Vested in the Attorney General of the United States, Washington, D. C., and renewed to him Nov. 22, 1947. EAU DE COLOGNE WATER, PERFUMERY, HAIR TONICS, SHAMPOO, POMADE, BRILLIANTINE, COLD CREAM, VANISHING CREAM, AND OTHER NAMED TOILETRY ITEMS. Class 6.

235,775. GRAL. Registered Nov. 22, 1927. Paul Peter Mülhens, doing business as Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mülhens, Cologne-on-the-Rhine, Germany. Vested in the Attorney General of the United States, Washington, D. C., and renewed to him Nov. 22, 1947. SOAPS, INCLUDING TOILET SOAPS AND SHAVING STICKS. Class 4.

235,776. REVUE. Registered Nov. 22, 1927. Paul Peter Mülhens, doing business as Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mülhens, Cologne-on-the-Rhine, Germany. Vested in the Attorney General of the United States, Washington, D. C., and renewed to him Nov. 22, 1947. SOAPS, INCLUDING TOILET SOAPS AND SHAVING STICKS. Class 4.

235,844. "ANTISEPTINE" AND DRAWING. Registered Nov. 29, 1927. San-I-Sal Laboratories, Inc., Washington, D. C. Renewed Nov. 29, 1947, to Harlis Inc., Miami, Fla., a corporation of Florida. ASTRINGENT, DEODORANT, ANTISEPTIC, NASAL SPRAY, AND GARGLE. Class 6.

235,974. "YORK UNIT" ETC. AND ARROW DESIGN. Registered Nov. 29, 1927. York Heating & Ventilating Corporation, Bridgeport and Philadelphia, Pa. Renewed Nov. 29, 1947, to Carrier Corporation, Syracuse, N. Y., a corporation of Delaware. AIR CONDITIONING APPARATUS, COMPRISING A CASING HAVING AN AIR INTAKE AND SPRAY CHAMBERS THROUGH WHICH THE AIR PASSES IN CONTACT WITH REGULATED WATER SPRAY AND FANS FOR DISCHARGING THE AIR AT HIGH VELOCITY. Class 34.

235,975. CHIZ-ALLOY. Registered Nov. 29, 1927. Kloster Steel Corporation, Chicago, Ill., a corporation of Illinois. Renewed Nov. 29, 1947. TOOL STEEL. Class 14.

236,176. SIGNET. Registered Dec. 6, 1927. Beacon Manufacturing Company, New Bedford, Mass., and Providence, R. I. Renewed Dec. 6, 1947, to Beacon Manufacturing Company, Swannanoa, N. C., a corporation of Massachusetts. COTTON BLANKETS. Class 42.

236,237. INVICTA. Registered Dec. 6, 1927. C. & E. Morton, Limited, London, England, a corporation organized under the laws of the United Kingdom of Great Britain and Northern Ireland. Renewed Dec. 6, 1947. TINNED PRESERVED FRUITS. Class 46.

236,247. VOLUME. Registered Dec. 6, 1927. The Wichita Flour Mills Company, Wichita, Kans., a corporation of Kansas. Renewed Dec. 6, 1947. WHEAT FLOUR. Class 46.

236,377. NEPHRITIN. Registered Dec. 13, 1927. Reed & Carnrick, Jersey City, N. J., a corporation of New Jersey. Renewed Dec. 13, 1947. PREPARATION FOR DISEASES OF THE KIDNEYS, COMPRISING THE PRIMARY SUBSTANCE FROM THE CELLS OF THE CORTEX AND THE CONVOLUTED TUBULES OF THE KIDNEYS. Class 6.

236,711. CREST. Registered Dec. 20, 1927. The Crest Company, Chicago, Ill., a corporation of Illinois. Renewed Dec. 20, 1947. ELECTRICAL LAMPS, TORCHERES AND CANDELABRA. Class 21.

236,786. CITIES SERVICE OILS. Registered Dec. 20, 1927. Cities Service Oil Company, Cleveland, Ohio. Renewed Dec. 20, 1947, to Cities Service Oil Company, Bartlesville, Ohio, a corporation of Delaware. GASOLINE, LUBRICATING OILS AND GREASES. Class 15.

236,856. "INDIAN HEAD" ETC. AND REPRESENTATION OF INDIAN'S HEAD. Registered Dec. 27, 1927. Leo M. Cooper, doing business as Leo M. Cooper Co., New York, N. Y. Renewed Dec. 27, 1947. UNIFORM DRESSES FOR USE BY NURSES, DOMESTIC SERVANTS, WAITRESSES, FEMALE FACTORY EMPLOYEES, FEMALE EMPLOYEES, AND FOR USE IN HOUSEHOLD, FACTORY, STORE, AND HOSPITAL WORK. Class 39.

236,859. SUPR STYL. Registered Dec. 27, 1927. James A. Hearn & Son, Inc. Renewed Dec. 27, 1947, to Hearn Department Stores, Inc., New York, N. Y., a corporation of New York. HOSIERY. Class 39.

236,906. TOPICAL. Registered Dec. 27, 1927. The Express Rubber Co., Limited, London, England, a corporation organized under the laws of the United Kingdom of Great Britain and Northern Ireland. Renewed Dec. 27, 1947. WATERPROOF AND RAINPROOF COATS. Class 39.

236,924. TUF-NUT. Registered Dec. 27, 1927. Milwaukee Glove Company, Milwaukee, Wis., a corporation of Wisconsin. Renewed Dec. 27, 1947. CLOTH AND COMBINATION LEATHER AND CLOTH GLOVES AND MITTENS. Class 39.

237,018. REPRESENTATION OF TOOL IN HAND. Registered Jan. 3, 1928. Vanadium-Alloys Steel Company, Latrobe, Pa., a corporation of Pennsylvania. Renewed Jan. 3, 1948. HIGH-SPEED STEELS, ALLOY STEELS, AND CARBON TOOL STEELS. Class 14.

237,099. PHOREX. Registered Jan. 3, 1928. U. S. Sanitary Specialties Corporation, Chicago, Ill., a corporation of Illinois. Renewed Jan. 3, 1948. GENERAL CLEANING OR WASHING COMPOUND. Class 4.

237,241. AMBASSADOR. Registered Jan. 3, 1928. California Packing Corporation, San Francisco, Calif., a corporation of New York. Renewed Jan. 3, 1948. CANNED FRUITS, CANNED VEGETABLES, DRIED FRUITS, AND CATCHUP. Class 46.

237,329. "E Z" ETC. AND DRAWING. Registered Jan. 10, 1928. Wm. J. Smith Music Co. Inc., New York, N. Y., a corporation of New York. Renewed Jan. 10, 1948. MUSICAL PUBLICATIONS. Class 38.

237,413. AQUALEEN. Registered Jan. 10, 1928. Newark Paraffine & Parchment Paper Co., Newark, N. J., a corporation of New Jersey. Renewed Jan. 10, 1948. WAXED PAPERS, GLASSINE PAPERS, AND WAXED GLASSINE PAPERS. Class 37.

237,455. "TOPS 'EM ALL". Registered Jan. 10, 1928. Theonett & Co., Chicago, Ill., a corporation of Illinois. Renewed Jan. 10, 1948. DRESSING OR SAUCE FOR MEATS, GRAVIES, SOUPS, GAME, ETC. Class 46.

237,485. PINEOLINE. Registered Jan. 10, 1928. Walker Pharmacal Company, St. Louis, Mo. Renewed Jan. 10, 1948, to Baybank Pharmaceuticals, Inc., New York, N. Y., a corporation of New York. OINTMENT FOR SKIN DISEASES. Class 6.

237,656. KIP-TONE. Registered Jan. 17, 1928. Julius Kayser & Co., New York, N. Y., a corporation of New York. Renewed Jan. 17, 1948. GLOVES MADE OF KID, LEATHER, OR FABRIC SUCH AS SILK, ARTIFICIAL SILK, COTTON, OR A COMBINATION THEREOF. Class 39.

237,680. "CHAMPION DOG BISCUIT" AND REPRESENTATION OF A DOG BEING GIVEN A BISCUIT. Registered Jan. 17, 1928. Champion Animal Food Company, Minneapolis, Minn., a corporation of Minnesota. Renewed Jan. 17, 1948. DOG FOODS. Class 46.

237,769. PACIFICTWIST. Registered Jan. 17, 1928. Pacific Mills, Lawrence and Boston, Mass. Renewed Jan. 17, 1948, to Pacific Mills, New York, N. Y., a corporation of Massachusetts. WORSTED PIECE GOODS. Class 42.

237,829. EXCELWEAR. Registered Jan. 17, 1928. Bear Brand Hosiery Co., Chicago, Ill., a corporation of Illinois. Renewed Jan. 17, 1948. HOSIERY OF THE TYPE KNOWN AS "SECONDS" AND "IRREGULARS". Class 39.

237,883. REPRESENTATION OF CLOVER LEAF LINED FOR GREEN. Registered Jan. 17, 1928. Gallaher Limited, Belfast, Northern Ireland, a United Kingdom corporation. Renewed Jan. 17, 1948. SMOKING AND CHEWING TOBACCO. Class 17.

238,017. CREST. Registered Jan. 24, 1928. The Crest Company, Chicago, Ill., a corporation of Illinois. Renewed Jan. 24, 1948. FERNERIES, ORNAMENTAL CHAIRS, BENCHES, SMOKING STANDS, MIRROR FRAMES, AND CONSOLES. Class 32.

238,412. ELPECO. Registered Feb. 7, 1928. Electric Power Equipment Corporation. Renewed Feb. 7, 1948, to Electric Power Equipment Corporation, Philadelphia, Pa., a corporation of Delaware. SWITCHES FOR CONTROLLING CIRCUITS, BUS-BAR CLAMPS, BUS SUPPORTS, CHOKE COILS, AND OTHER NAMED ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES. Class 21.

238,541. MILLERTAIRE. Registered Feb. 7, 1928. I. Miller & Sons, Inc., Long Island City, N. Y., a corporation of New York. Renewed Feb. 7, 1948. COMPACT POWDERS AND COMPACT ROUGES, LIP STICKS, EYEBROW PENCILS, LIQUID FACE POWDER, MASCARA, SACHET, TALCUM POWDER, AND OTHER NAMED TOILETRY ITEMS. Class 6.

238,711. DEW MAID. Registered Feb. 14, 1928. Central Wisconsin Canneries. Renewed Feb. 14, 1948, to Minnesota Valley Canning Company, Beaver Dam, Wis., a corporation of Minnesota. CANNED PEAS AND CANNED CORN. Class 46.

238,834. "DELTA HEEL" AND SHIELD DESIGN. Registered Feb. 14, 1928. Rollins Hosiery Mills, Des Moines, Iowa. Renewed Feb. 14, 1948, to Morganton Full Fashioned Hosiery Company, Morganton, N. C., a corporation of Delaware. HOSIERY. Class 39.

239,040. MILLERTAIRE. Registered Feb. 21, 1928. I. Miller & Sons, Inc., Long Island City, N. Y., a corporation of New York. Renewed Feb. 21, 1948. CANES, PARASOLS, AND UMBRELLAS. Class 41.

239,059. SEBA. Registered Feb. 21, 1928. Swan-Finch Oil Corporation, New York, N. Y., a corporation of New York. Renewed Feb. 21, 1948. PETROLEUM GREASE FOR LUBRICATING PURPOSES. Class 15.

239,376. L'OPÉRA AND DRAWING. Registered Mar. 6, 1928. Weber & Friedrich, Inc., Philadelphia, Pa. Renewed Mar. 6, 1948, to L'Opera Hosiery Mill Inc., Glassboro, N. J., a corporation of New Jersey. MEN'S, WOMEN'S, AND CHILDREN'S HOSIERY. Class 39.

239,400. DIPADAY. Registered Mar. 6, 1928. Sengbusch Self-Closing Inkstand Company, Milwaukee, Wis., a corporation of Wisconsin. Renewed Mar. 6, 1948. WRITING PENS. Class 37.

239,610. AVIALITE. Registered Mar. 6, 1928. The American Brass Company, Waterbury, Conn., a corporation of Connecticut. Renewed Mar. 6, 1948. WIRE, SHEETS, TUBES, RODS, AND SPECIAL SHAPES AND INGOTS MADE OF BRONZE. Class 14.

239,835. PAR-X. Registered Mar. 13, 1928. Everhot Heater Company, Detroit, Mich., a corporation of Michigan. Renewed Mar. 13, 1948. WATER HEATERS USING OIL OR GAS. Class 34.

240,053. CHOCOLATE INDIANS. Registered Mar. 20, 1928. Frank G. Shattuck Company, New York, N. Y., a corporation of Massachusetts. Renewed Mar. 20, 1948. CAKES. Class 46.

240,112. BLUE SKIES. Registered Mar. 20, 1928. Cheramy, Inc., New York, N. Y., a corporation of New York. Renewed Mar. 20, 1948. PERFUMES, TOILET WATER, FACE POWDER, TALCUM POWDER, COMPACTS, LOTION FOR THE SKIN AND HAIR, VEGETAL, BRILLIANTINE, BANDOLINE, AND OTHER NAMED COSMETICS. Class 6.

240,201. NYANZOL. Registered Mar. 20, 1928. Nyanza Color & Chemical Co. Inc., New York, N. Y., a corporation of New York. Renewed Mar. 20, 1948. CHEMICALS IN LIQUID FORM USED IN DYEING OPERATIONS. Class 6.

240,220. BEARIUM. Registered Mar. 20, 1928. Bearium Bearings, Inc., Buffalo, N. Y. Renewed Mar. 20, 1948, to Bearium Metals Corporation, Rochester, N. Y., a corporation of New York. LEAD AND ALLOYS USED FOR BEARING AND PACKING METALS, IN INGOTS, CORED AND SOLID BARS, CASTINGS, AND RODS. Class 14.

240,270. "MAYON" AND PICTURESQUE DRAWING. Registered Mar. 20, 1928. Compania General de Tabacos de Filipinas, New York, N. Y. Renewed Mar. 20, 1948, to Compania General de Tabacos de Filipinas, Barcelona, Spain, a Spanish corporation. CIGARS. Class 17.

240,349. EUPHRODIN. Registered Mar. 27, 1928. The E. L. Patch Company, Stoneham, Mass., a corporation of Massachusetts. Renewed Mar. 27, 1948. COUGH SYRUP. Class 6.

240,415. NOX-KWIK. Registered Mar. 27, 1928. U. S. Sanitary Specialties Corporation, Chicago, Ill., a corporation of Illinois. Renewed Mar. 27, 1948. INSECTICIDES. Class 6.

240,440. MERCEDES. Registered Mar. 27, 1928. Vincent Bach Corporation, New York, N. Y., a corporation of New York. Renewed Mar. 27, 1948. WIND AND PERCUSSION MUSICAL INSTRUMENTS—NAMELY, CORNETS, TRUMPETS, FRENCH HORNS, ALTOS, AND OTHER NAMED MUSICAL INSTRUMENTS AND SUPPLIES. Class 36.

240,590. ATLASITE. Registered Apr. 3, 1928. The Bassick Company, Bridgeport, Conn., a corporation of Connecticut. Renewed Apr. 3, 1948. SLIDER AND WHEELS FOR FURNITURE CASTERS. Class 13.

240,705. KINGPIN. Registered Apr. 3, 1928. Zander & Company, Inc., New Orleans, La., a corporation of Louisiana. Renewed Apr. 3, 1948. COFFEE. Class 46.

241,033. BUESCHER TRUE TONE. Registered Apr. 17, 1928. Buescher Band Instrument Co., Elkhart, Ind., a corporation of Indiana. Renewed Apr. 17, 1948. BAND AND ORCHESTRA INSTRUMENTS—NAMELY, CORNETS, HORNS, TROMBONES, SAXOPHONES, CLARINETS, AND OTHER NAMED MUSICAL INSTRUMENTS AND SUPPLIES. Class 36.

241,054. "BEARIUM" AND DESIGN. Registered Apr. 17, 1928. Bearium Bearings, Inc. Renewed Apr. 17, 1948, to Bearium Metals Corporation, Buffalo, N. Y., a corporation of New York. LEAD AND ALLOYS USED FOR BEARING AND PACKING METALS IN INGOTS, CORED AND SOLID BARS, CASTINGS, AND RODS. Class 14.

241,112. "K" IN HEXAGON DESIGN. Registered Apr. 17, 1928. Kraft Cheese Company. Renewed Apr. 17, 1948, to Kraft Foods Company, Chicago, Ill., a corporation of Delaware. CHEESE. Class 46.

241,116. ARISTOCRAT. Registered Apr. 17, 1928. Sidney Horton. Renewed Apr. 17, 1948, to Dexter Bishop Co. Inc., New York, N. Y., a corporation of New York. BUTTER. Class 46.

241,216. SUPER 8 OUNCE DOUBLE DUTY DENIM. Registered Apr. 17, 1928. Larned, Carter & Company, Detroit, Mich. Renewed Apr. 17, 1948, to The Crown Overall Manufacturing Company, Cincinnati, Ohio, a corporation of Ohio. WORKINGMEN'S CLOTHING—NAMELY, OVERALLS, COATS, AND COMBINATIONS CONSISTING OF PANTS AND COATS MADE OF OVERALL MATERIAL. Class 39.

241,892. "PRES-A-LITE" AND REPRESENTATION OF LIGHTED CIGARETTE. Registered May 8, 1928. American Metal Products Corporation, San Francisco, Calif. Renewed May 8, 1948, to Universal Match Corporation, St. Louis, Mo., a corporation of Delaware. AUTOMATIC ELECTRICAL LIGHTERS AND DISPENSERS FOR CIGARS, CIGARETTES, AND THE LIKE, NOT INCLUDING ELECTRIC STORAGE BATTERIES. Class 21.

242,330. BELLE-VUE. Registered May 22, 1928. Boott Mills, Lowell, Mass., a corporation of Massachusetts. Renewed May 22, 1948. COTTON OR COTTON AND RAYON SCRIM FOR CURTAINS IN THE PIECE. Class 42.

242,331. BELLE-VUE. Registered May 22, 1928. Boott Mills, Lowell, Mass., a corporation of Massachusetts. Renewed May 22, 1948. CURTAINS MADE FROM COTTON, RAYON, OR LACE OR COMBINATIONS THEREOF. Class 42.

TRADE-MARK REGISTRATIONS CANCELED

72,902. THE WHITE HOUSE BRAND AND DESIGN. Registered Mar. 2, 1909. Fish & Lenox Co., Newark, N. J. BUTTER. Class 46. Canceled Jan. 28, 1948.

145,550. WHITE HOUSE. Registered Aug. 9, 1921. Crown Margarin Company, St. Louis, Mo. OLEOMARGARIN. Class 46. Canceled Feb. 6, 1948.

261,276. COQUETTE. Registered Sept. 10, 1929. Alexandre M. Grean, New York, N. Y. FABRIC SCARFS FOR WOMEN'S WEAR. Class 39. Canceled Feb. 6, 1948.

296,152. IMPERIAL MIXTURE. Registered July 26, 1932. The Governor and Company of Adventurers of England Trading into Hudson's Bay. Winnipeg, Manitoba, Canada. SMOKING AND/OR CHEWING TOBACCO. Class 17. Canceled Jan. 21, 1948.

296,889. BEST WISHES AND DESIGN. Registered Aug. 23, 1932. James D. Coules, Boston, Mass. FRENCH PASTRIES AND ICE CREAM. Class 46. Canceled Feb. 6, 1948.

360,369. ROADKING. Registered Sept. 13, 1938. The May Department Stores Company, New York, N. Y. BICYCLES. Class 19. Canceled Jan. 28, 1948.

385,043. SARAN. Registered Feb. 11, 1941. The Dow Chemical Company, Midland, Mich. THERMOPLASTIC SYNTHETIC RESINS COMPRISING POLYMERS AND CO-POLYMERS DERIVED FROM VINYLIDENE CHLORIDE. Class 1. Canceled Feb. 3, 1948.

406,036. SARAN FILM. Registered Mar. 7, 1944. The Dow Chemical Company, Midland, Mich. FILMS, FOIL, OR SHEETS COMPOSED OF CO-POLYMERS OF VINYLIDENE CHLORIDE, ETC. Class 37. Canceled Feb. 3, 1948.

425,552. RESLON. Registered Nov. 26, 1946. Monsanto Chemical Company, St. Louis, Mo. SYNTHETIC RESINS IN SOLID AND SOLUTION FORMS FOR GENERAL USE IN THE INDUSTRIAL ARTS—NAMELY, MOLDING, CASTING, ETC. Class 1. Canceled Jan. 29, 1948.

425,868. HY-A-ROMA. Registered Dec. 3, 1946. Charles J. Oldtmann, New York, N. Y. FOOD FLAVORS, FOOD ESSENCES, AND FOOD EXTRACTS, ETC. Class 46. Canceled Feb. 6, 1948.

430,312. APPLAUSE. Registered June 10, 1947. Avon Products, Inc., New York, N. Y. PERFUME. Class 6. Canceled Jan. 6, 1948.

TRADE-MARK REGISTRATIONS AMENDED, SURRENDERED, DISCLAIMED, CORRECTED, ETC.

57,945. PANTASOTE. Registered Dec. 4, 1906. The Pantasote Leather Co., Passaic, N. J. MANUFACTURED IMITATION LEATHER. Class 50. Corrected as follows: In the renewal certificate, lines 1 and 2, for "The Pantasote Corporation" read *The Pantasote Company*.

89,265. YANKEE. Registered Dec. 3, 1912. Robt. H. Ingersoll & Bro., New York, N. Y. WATCHES AND CLOCKS. Class 27. Corrected as follows: In the statement, column 2, line 2, after "applicant" insert *and its predecessor*.

93,997. ECLIPSE. Registered Oct. 28, 1913. Robt. H. Ingersoll & Bro., New York, N. Y. WATCHES AND CLOCKS. Class 27. Corrected as follows: In the statement, column 2, line 2, after "applicant" insert *and its predecessor*.

177,354. PURITY. Registered Dec. 18, 1923. International Salt Company, Inc., New York, N. Y. TABLE SALT. Class 6. Corrected as follows: In the renewal certificate, lines 1 and 7, for "International Salt Company, Inc." read *International Salt Company*.

237,527. LAVEL. Registered Jan. 10, 1928. Wallace & Tiernan Co., Inc., Newark, N. J. LAUNDRY BLEACHING MATERIAL. Class 6. Corrected as follows: In the original certificate, line 4, and in the statement, line 4, for "State of New Jersey" read *State of New York*.

306,568. SHADOW LAYER CAKE. Registered Sept. 26, 1933. Frank G. Shattuck Co., New York, N. Y. BAKERY PRODUCT COMMONLY REFERRED TO AS LAYER CAKE. Class 46. Corrected as follows: In the certificate, line 4, and in the statement, lines 2 and 3, for "State of New York" read *State of Massachusetts*.

376,609. PLAY MATES. Registered Apr. 2, 1940. The Berland Shoe Stores, Inc., St. Louis, Mo. WOMEN'S, GIRLS', AND CHILDREN'S SHOES OF LEATHER, FABRIC, AND COMBINATIONS THEREOF. Class 39. Corrected as follows: In the original certificate, line 4, for "State of Missouri" read *State of Delaware*, and in the statement, lines 3 and 4, for "State of Missouri and located and doing" read *State of Delaware, having an office and place of*.

388,691. FLEX CRAFT. Registered July 8, 1941. The Berland Shoe Stores, Inc., St. Louis, Mo. WOMEN'S, GIRLS', AND CHILDREN'S SHOES OF LEATHER, FABRIC, AND COMBINATIONS THEREOF. Class 39. Corrected as follows: In the original certificate, line 4, for "State of Missouri" read *State of Delaware*, and in the statement, lines 3 and 4, for "State of Missouri and located and doing" read *State of Delaware, having an office and place of*.

411,062. PONCE DE LEON. Registered Jan. 2, 1945. The Berland Shoe Stores, Inc., St. Louis, Mo. WOMEN'S SHOES OF LEATHER, FABRIC, AND COMBINATIONS THEREOF. Class 39. Corrected as follows: In the original certificate, line 4, for "State of Missouri" read *State of Delaware*, and in the statement, lines 3 and 4, for "State of Missouri and located and doing" read *State of Delaware, having an office and place of.*

423,695. FANTASY. The Berland Shoe Stores, Inc., St. Louis, Mo. WOMEN'S SHOES OF LEATHER, FABRIC, AND COMBINATIONS THEREOF. Class 39. Corrected as follows: In the original certificate, line 4, for "State of Missouri" read *State of Delaware*, and in the statement, lines 3 and 4, for "State of Missouri and located and doing" read *State of Delaware, having an office and place of.*

434,162. "GINET" AND DESIGN. Registered Nov. 11, 1947. Virginia Demoro, doing business as V. Demoro, Riverdale, N. Y. SKIN LOTION. Class 6. Corrected as follows: In the certificate, line 3, and in the heading to the statement, line 2, address of registrant, for "Riverside" read *Riverdale.*

434,249. MOSS HILL. Registered Nov. 11, 1947. Hart-Ross Coal Company, Mortons Gap, Ky. Coal. Class 1. Corrected as follows: In the original certificate, line 4, and in the statement, line 2, for "State of Kentucky" read *State of Delaware.*

TRADE-MARK REGISTRATIONS REPUBLISHED

The following marks registered under the act of 1905, or the act of 1881, are published under the provisions of section 12(c) of the Trade-Mark Act of 1946. These registrations are not subject to opposition but are subject to cancellation under section 14 of the act of 1946.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Reg. No. 191,520. Registered Nov. 11, 1924. NORTHRUP, KING & Co., Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

HOMELAWN

FOR LAWN-GRASS SEED.
Claims use since June 17, 1924.

Reg. No. 272,001. Registered June 24, 1930, THE MICHIGAN CITY TANNING COMPANY, Michigan City, Ind. Republished by Pioneer Suspender Company, Philadelphia, Pa., a corporation of Pennsylvania.

CORDOLUX

FOR LEATHER.
Claims use since Nov. 1, 1928.

Reg. No. 273,144. Registered July 22, 1930. MONSANTO CHEMICAL WORKS, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SANTOLITE

FOR CLEAR VISCOUS SOLUTIONS OR RESINS CONSISTING ESSENTIALLY OF AROMATIC SULPHONAMIDE REACTION PRODUCTS USED ALONE OR IN COMBINATION WITH OTHER MATERIALS TO FORM FILMS, THREADS, ARTIFICIAL SILK, LAMINATED GLASS, BINDING COMPOSITIONS, LACQUERS, VARNISHES, AND NATURAL-RESIN SUBSTITUTES.
Claims use since Apr. 30, 1929.

CLASS 2

RECEPTACLES

Reg. No. 270,633. Registered May 13, 1930. HUMITUBE MFG. CO., Peoria, Ill., a corporation of Illinois. Republished by registrant.

HUMITUBE

FOR CONTAINERS OF A DIAPHANOUS MATERIAL MADE IN TUBE OR ENVELOPE LIKE FORMATION AND ADAPTED AS A CLOSURE FOR ARTICLES OF MERCHANDISE.
Claims use since July 27, 1929.

Reg. No. 275,984. Registered Oct. 7, 1930. CHICAGO CARTON COMPANY, Chicago, Ill. Republished by Chicago Carton Company, Chicago, Ill., a corporation of Delaware.

JACK TAR
ALL WEATHER CADDY

The word "Caddy" is disclaimed.
FOR CARTONS AND BOXES MADE OF BOX BOARD.
Claims use since June 1, 1923.

Reg. No. 358,786. Registered July 26, 1938. OWENS-ILLINOIS GLASS COMPANY, Toledo, Ohio, a corporation of Ohio. Republished by registrant.

BABY BUNTING
Nursery Set
BY OWENS-ILLINOIS GLASS COMPANY

The words "Nursery Set" and "By Owens-Illinois Glass Company" are disclaimed.
FOR NURSERY SETS, EACH INCLUDING A PLURALITY OF JARS AND A HOLDER THEREFOR.
Claims use since on or about Oct. 20, 1937.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Reg. No. 197,920. Registered Apr. 28, 1925. HARTMANN TRUNK COMPANY, Racine, Wis. Republished by Hartmann Company, Racine, Wis., a corporation of Wisconsin.

Hartex

FOR IMITATION-LEATHER LINING FOR TRUNKS.
Claims use since Oct. 1, 1923.

Reg. No. 253,559. Registered Feb. 26, 1929. HARTMANN TRUNK COMPANY, Racine, Wis. Republished by Hartmann Company, Racine, Wis., a corporation of Wisconsin.

DEBONAIR

FOR WARDROBE CASES, SUITCASES, LUGGAGE, HATBOXES, AND HAND CARRYING CASES.
Claims use since Sept. 19, 1928.

Reg. No. 270,773. Registered May 13, 1930. HOOKLESS FASTENER COMPANY, Meadville, Pa. Republished by Talon, Inc., Meadville, Pa., a corporation of Pennsylvania.

TALON

FOR HANDBAGS, POCKETBOOKS, PORTABLE CASES FOR TOILET ARTICLES MADE OF LEATHER OR SIMILAR MATERIAL; TRAVELLING BAGS, MONEY BELTS, BRIEF CASES, OVERNIGHT BAGS, POCKET KEY CONTAINERS MADE OF LEATHER OR SIMILAR MATERIAL; HAT BOXES OF LEATHER OR SIMILAR MATERIAL.
Claims use since Nov. 7, 1929.

Reg. No. 272,191. Registered July 1, 1939. HOOKLESS FASTENER COMPANY, Meadville, Pa. Republished by Talon, Inc., Meadville, Pa., a corporation of Pennsylvania.

HOOKLESS

FOR HAND BAGS, POCKETBOOKS, PORTABLE CASES FOR TOILET ARTICLES, MADE OF LEATHER OR SIMILAR MATERIAL, TRAVELLING BAGS, MONEY BELTS, BRIEF CASES, OVERNIGHT BAGS, POCKET KEY CONTAINERS MADE OF LEATHER OR SIMILAR MATERIAL, HATBOXES OF LEATHER OR SIMILAR MATERIAL.
Claims use since Nov. 7, 1929.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Reg. No. 225,057. Registered Mar. 8, 1927. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.



FOR SOAP.
Claims use since Aug. 1, 1925.

Reg. No. 242,078. Registered May 15, 1928. U. S. SANITARY SPECIALTIES CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

SOAPERFECT

FOR COMPOUND ADAPTED FOR USE IN CLEANING AND POLISHING ENAMELED, PORCELAIN, PAINTED, AND SIMILAR SURFACES.
Claims use since Feb. 10, 1927.

Reg. No. 246,898. Registered Sept. 18, 1928. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

OLATE

FOR SOAP FLAKES.
Claims use since June 30, 1927.

Reg. No. 252,108. Registered Jan. 22, 1929. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

VELVET

FOR SOAP.
Claims use since Nov. 16, 1882.

Reg. No. 253,180. Registered Feb. 19, 1929. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

AMBER

FOR SOAP.
Claims use since Oct. 28, 1882.

Reg. No. 258,011. Registered June 25, 1929. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

"RUG-O"

The word "Rug" is disclaimed.
FOR CARPET AND RUG SOAP.
Claims use since Jan. 13, 1928.

Reg. No. 261,648. Registered Sept. 17, 1929. REGAL SHOE COMPANY, Whitman, Mass., a corporation of Massachusetts. Republished by registrant.

REGAL

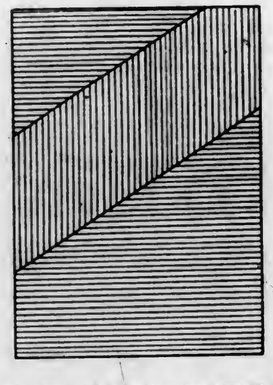
FOR LEATHER DRESSING, BLACKING, AND POLISH.
Claims use since 1893.

Reg. No. 269,029. Registered Mar. 25, 1930. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

Dash

FOR SOAP.
Claims use since Sept. 10, 1929.

Reg. No. 269,142. Registered Mar. 25, 1930. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.



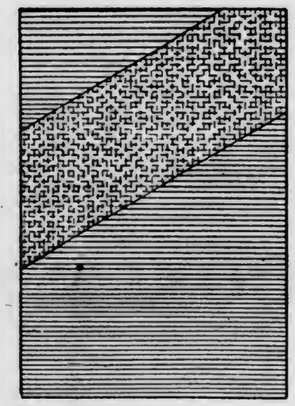
The colors red and blue are an essential feature of applicant's mark.
FOR SOAP.
Claims use since Aug. 12, 1929.

Reg. No. 270,368. Registered May 6, 1930. U. S. SANITARY SPECIALTIES CORPORATION, Chicago, Ill. Republished by International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware.

KLENEXOPE

FOR FABRIC CLEANSING SOAP COMPOUND.
Claims use since Apr. 27, 1928.

Reg. No. 272,867. Registered July 15, 1930. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.



The colors blue and yellowish orange are an essential feature of applicant's mark.
FOR SOAP.
Claims use since September 1920.

Reg. No. 276,653. Registered Oct. 21, 1930. D. D. D. CORPORATION, Batavia, Ill., a corporation of Delaware. Republished by registrant.

D.D.D.

FOR TOILET SOAP.
Claims use since 1910.

Reg. No. 279,586. Registered Jan. 20, 1931. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

IVORY SNOW

FOR SOAP IN COMMINUTED FORM.
Claims use since June 17, 1930.

Reg. No. 281,577. Registered Mar. 24, 1931. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

ZYROL

FOR SOAP FOR DEGUMMING SILK.
Claims use since July 26, 1930.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Reg. No. 230,618. Registered Aug. 2, 1927. THE SILICA GEL PRODUCTS CORPORATION, Baltimore, Md. Republished by The Davison Chemical Corporation, Baltimore, Md., a corporation of Maryland.

Sylox

FOR TOILET POWDER.
Claims use since May 12, 1926.

Reg. No. 234,573. Registered Nov. 1, 1927. CAMPANA CORPORATION, Batavia, Ill. Republished by Campana Corporation (1928), Batavia, Ill., a corporation of Delaware.

Italian Balm

FOR SKIN-SOFTENING PREPARATION.
Claims use since on or about Jan. 1, 1895.

Reg. No. 255,198. Registered Apr. 16, 1929. E. DALTROFF ET CIE., doing business as Parfumerie Caron, Paris, France, assignor to Caron Corporation, New York, N. Y., a corporation of New York. Republished by Caron Corporation, New York, N. Y., a corporation of New York.

ACACIOSA

FOR PERFUME.
Claims use since Oct. 30, 1923.

Reg. No. 255,263. Registered Apr. 16, 1929. WATSON-PARK COMPANY, Boston, Mass., a corporation of Maine. Republished by registrant.

HYDRALDEHYDE

FOR CHEMICAL PREPARATION FOR BLEACHING OR STRIPPING COLORS FROM TEXTILE FIBRES, YARNS, AND FABRICS.
Claims use since Sept. 19, 1927.

Reg. No. 255,265. Registered Apr. 16, 1929. WATSON-PARK COMPANY, Boston, Mass., a corporation of Maine. Republished by registrant.

AQUATEX

FOR CHEMICAL PREPARATION FOR USE IN WATERPROOFING TEXTILE MATERIALS AND TEXTILE FABRICS.
Claims use since Sept. 19, 1927.

Reg. No. 256,386. Registered May 14, 1929. CARMELA NIETO DE HERRERA E HIJOS, Habana, Cuba, and New York, N. Y. Republished by Lanolin Plus Cosmetics, Inc., Chicago, Ill., a corporation of Illinois.



The colors black and gold are claimed as features of the mark.

FOR PERFUMES, TOILET WATERS, TOILET POWDERS, FACE POWDERS, LOTIONS, ROUGES, FACE CREAMS, FACE BLEACHES, HAIR DYE, AND DEPILATORIES.

Claims use since June 5, 1928.

Reg. No. 257,146. Registered May 28, 1929. E. DALTROFF ET CIE., doing business as Parfumerie Caron, Paris, France, assignor to Caron Corporation, New York, N. Y., a corporation of New York. Republished by Caron Corporation, New York, N. Y., a corporation of New York.

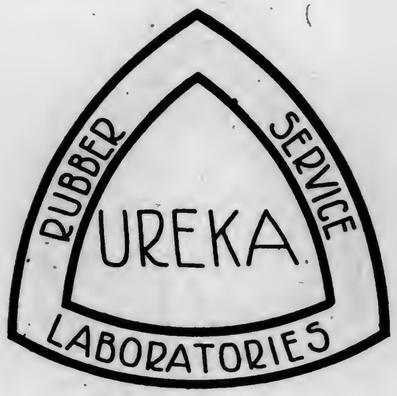


The words "Paris, France" are disclaimed.

FOR PERFUME.

Claims use since Oct. 30, 1923.

Reg. No. 257,182. Registered May 28, 1929. THE RUBBER SERVICE LABORATORIES CO., Akron, Ohio. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.



The words "Rubber Service Laboratories" and facsimile of the mark is disclaimed.

FOR COMPOUND USED AS A VULCANIZATION ACCELERATOR IN THE CURING OF RUBBER ARTICLES.

Claims use since Nov. 16, 1928.

Reg. No. 260,302. Registered Aug. 20, 1920. THE CANDO CORPORATION, Cambridge, Mass. Republished by Cando Company, Boston, Mass., a corporation of Massachusetts.

EYPTIAN

FOR DEODORIZERS.

Claims use since Dec. 24, 1925.

Reg. No. 261,304. Registered Sept. 17, 1929. AMERICAN DISINFECTING COMPANY, Sedalia, Mo. Republished by Adco, Inc., Sedalia, Mo., a corporation of Missouri.

Adco
KATTLE
KOMFORT

FOR SPRAY PREPARATION FOR KILLING FLIES, LICE, MOSQUITOES, AND OTHER INSECTS OR REPELLING THEM FROM CATTLE, HORSES, HOGS, DOGS, MULES, OR OTHER DOMESTIC ANIMALS.

Claims use since Mar. 1, 1929.

Reg. No. 271,221. Registered May 27, 1930. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

UMBREX

FOR MATERIAL COMPOSED OF SATURATED FATTY ACIDS.

Claims use since Apr. 6, 1929.

Reg. No. 271,947. Registered June 17, 1930. FEDERAL PHOSPHORUS COMPANY, Birmingham, Ala. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.

AROCLOR

FOR CHLORINATED AROMATIC HYDROCARBONS AND THEIR DERIVATIVES, INCLUDING CHLORINATED DIPHENYL.

Claims use since Aug. 21, 1929.

Reg. No. 275,166. Registered Sept. 16, 1930. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

STAR★BRAND

The word "Brand" is disclaimed.

FOR GLYCERINE.

Claims use since July 8, 1929.

CLASS 8

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS

Reg. No. 270,090. Registered Apr. 29, 1930. HOOKLESS FASTENER COMPANY, Meadville, Pa. Republished by Talon, Inc., Meadville, Pa., a corporation of Pennsylvania.

TALON

FOR TOBACCO POUCHES, CIGARETTE CASES, AND CIGAR CASES.

Claims use since Sept. 28, 1929.

Reg. No. 270,509. Registered May 6, 1930. HOOKLESS FASTENER COMPANY, Meadville, Pa. Republished by Talon, Inc., Meadville, Pa., a corporation of Pennsylvania.

HOOKLESS

FOR TOBACCO POUCHES, CIGARETTE CASES, AND CIGAR CASES.

Claims use since Sept. 28, 1929.

CLASS 10

FERTILIZERS

Reg. No. 244,000. Registered July 3, 1928. SYNTHETIC NITROGEN PRODUCTS CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.



FOR FERTILIZER.

Claims use since January 15, 1928.

CLASS 12

CONSTRUCTION MATERIALS

Reg. No. 246,880. Registered Sept. 18, 1928. CONTINENTAL BUILDING SPECIALTIES, Los Angeles, Calif. Republished by L. M. Scofield Company, Huntingdon Park, Los Angeles, Calif., a firm.

LITHOCHROME

FOR COMPOSITION BUILDING MATERIALS CONSISTING PRINCIPALLY OF SAND, CEMENT, GRAVEL, OR CRUSHED ROCK AND COLORING ORE OR PIGMENT USED IN THE CONSTRUCTION OF FLOORS, WALLS, BUILDINGS, WALKS AND PAVEMENTS.

Claims use since Sept. 15, 1927.

Reg. No. 250,503. Registered Dec. 11, 1928. ARMSTRONG CORK & INSULATION COMPANY, Pittsburgh and Lancaster, Pa. Republished by Armstrong Cork Company, Manheim Township, Lancaster County, Pa., a corporation of Pennsylvania.

CORKOUSTIC

FOR BOARDS OR SHEETS MADE WHOLLY OR IN PART OF CORK FOR THE DEADENING OF SOUND AND ACOUSTICAL CORRECTION IN ROOMS OF BUILDINGS, AUDITORIUMS, AND THE LIKE.

Claims use since June 8, 1928.

Reg. No. 261,928. Registered Sept. 24, 1929. GROSS METAL PRODUCTS COMPANY, Minneapolis, Minn. Republished by Siems Bros., Inc., St. Paul, Minn., a corporation of Delaware.

TRUSSBILT

Registration is not sought for the word feature "Trussbilt" but for the combination as shown.

FOR HOLLOW SHEET-METAL UNITS FOR DOORS, FRAMES, LOUVERS, FLOORS, WALLS, ROOFS, PARTITIONS, AND THE LIKE.

Claims use since Sept. 7, 1928.

Reg. No. 267,986. Registered Mar. 4, 1930. W. M. RITTER LUMBER COMPANY, Columbus, Ohio, a corporation of West Virginia. Republished by registrant.



FOR ROUGH AND DRESSED LUMBER.
Claims use since 1903.

Reg. No. 268,022. Registered Mar. 4, 1930. W. M. RITTER LUMBER COMPANY, Columbus, Ohio, a corporation of West Virginia. Republished by registrant.



FOR ROUGH AND DRESSED LUMBER BOARDS.
Claims use since August 1929.

Reg. No. 268,023. Registered Mar. 4, 1930. W. M. RITTER LUMBER COMPANY, Columbus, Ohio, a corporation of West Virginia. Republished by registrant.



FOR ROUGH AND DRESSED LUMBER.
Claims use since January 1921.

Reg. No. 272,550. Registered July 8, 1930. W. M. RITTER LUMBER COMPANY, Columbus, Ohio, a corporation of West Virginia. Republished by registrant.



FOR ROUGH AND DRESSED LUMBER.
Claims use since 1903.

Reg. No. 273,177. Registered July 22, 1930. SOULÉ STEEL COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.

FLEXO

FOR FORMS FOR CONCRETE CONSTRUCTION.
Claims use since on or about Mar. 1, 1927.

Reg. No. 421,786. Registered June 18, 1946. OWENS-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio. Republished by registrant.

KAYLO

FOR THERMAL AND SOUND INSULATING AND BUILDING MATERIALS USED FOR STRUCTURAL PURPOSES, FIREPROOFING AND FIRE PROTECTION, SUCH MATERIAL CONSISTING OF CALCIUM SILICATE WITH OR WITHOUT REENFORCING MATERIALS AND COMPRISING INSULATING BOARDS, INSULATING BUILDING BLOCKS, PIPE COVERING AND ROOFING TILE.
Claims use since on or about Oct. 12, 1943.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Reg. No. 212,396. Registered May 4, 1926. CHICAGO SPRING HINGE COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

SIMPLEX

FOR HINGES.
Claims use since May 1, 1924.

Reg. No. 250,113. Registered Nov. 27, 1928. HOOKLESS FASTENER COMPANY, Meadville, Pa. Republished by Talon, Inc., Meadville, Pa., a corporation of Pennsylvania.



The words "Slide Fastener" and the representation of a fastener are disclaimed.
FOR SEPARABLE FASTENERS OF THE SLIDER-CONTROLLED TYPE.
Claims use since July 14, 1928.

Reg. No. 269,510. Registered Apr. 8, 1930. COLUMBIAN ENAMELING & STAMPING CO., Terre Haute, Ind. Republished by Columbian Enameling & Stamping Co., Inc., Terre Haute, Ind., a corporation of Indiana.



The word "Made" is disclaimed.
FOR ENAMELED WARE—NAMELY, BASINS, BOWLS, TRAYS, COMBINETS, PITCHERS, CUPS, SAUCERS, FUNNELS, BATHTUBS, MUGS, CUSPIDORS, TEAPOTS, COFFEEPOTS AND BIGGINS, DOUBLE BOILERS, COMMODES AND CHAMBERS, COLANDERS, SUGAR BOWLS, CREAM JUGS, HOTEL PANS, SAUCE-PANS, STEAM-TABLE POTS, KETTLES, DIPPERS, SKIMMERS, DISHPANS, REFRIGERATOR DRIP PANS, TUMBLERS, PLATES, SINK STRAINERS, PERCOLATORS, AND SOAP DISHES.
Claims use since January 1924.

Reg. No. 271,179. Registered Mar. 27, 1930. HOOKLESS FASTENER COMPANY, Meadville, Pa. Republished by Talon, Inc., Meadville, Pa., a corporation of Pennsylvania.



The representation of the tag and the words "This Article Fitted With Guaranteed," "Slide Fastener," "Reg. U. S. Pat. Office," and "Always Works Cannot Rust" are disclaimed.
FOR SEPARABLE FASTENERS OF THE SLIDER-CONTROLLED TYPE.
Claims use since Sept. 26, 1929.

Reg. No. 272,503. Registered July 8, 1930. CRESCENT BRASS & PIN COMPANY, Detroit, Mich., a corporation of Michigan. Republished by registrant.

SIMPLEX

FOR NAILS.
Claims use since Mar. 25, 1908.

Reg. No. 273,981. Registered Aug. 19, 1930. BENDIX BRAKE COMPANY, Chicago, Ill. Republished by Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware.



FOR RIVETS.
Claims use since Aug. 11, 1925.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Reg. No. 252,027. Registered Jan. 22, 1929. KLOSTER STEEL CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

"PURE-ORE"

The word "Pure" is disclaimed.
FOR TOOL STEEL.
Claims use since Dec. 14, 1927.

Reg. No. 258,575. Registered July 9, 1929. THE AMERICAN FORK AND HOE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TRUE TEMPER

FOR RAIL ANCHORS AND RAIL JOINT SHIMS.
Claims use since July 1924.

Reg. No. 259,359. Registered July 30, 1929. MAGNOLIA METAL COMPANY, New York, N. Y., a corporation of West Virginia. Republished by registrant, present location Elizabeth, N. J.

MAGNOLIA

FOR PHOSPHOR BRONZE.
Claims use since Nov. 24, 1928.

Reg. No. 269,545. Registered Apr. 8, 1930. ROBBINS & MYERS, INC., Springfield, Ohio, a corporation of Ohio. Republished by registrant.

AREMITE

FOR METAL CASTINGS, PARTICULARLY CAST IRON CASTINGS.
Claims use since Nov. 13, 1929.

Reg. No. 273,185. Registered July 22, 1930. MAGNOLIA METAL COMPANY, New York, N. Y., a corporation of West Virginia. Republished by registrant, present location Elizabeth, N. J.

MALGAM

FOR BABBITT METALS, ANTIFRICTION METALS, AND METALLIC ALLOYS.
Claims use since Jan. 1, 1928.

CLASS 15

OILS AND GREASES

Reg. No. 243,822. Registered July 3, 1928. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

PUROL

FOR LUBRICATING OILS.
Claims use since Mar. 22, 1919.

Reg. No. 252,484. Registered Feb. 12, 1929. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

ROLLEX

FOR LUBRICATING GREASES.
Claims use since Sept. 10, 1924.

Reg. No. 252,544. Registered Feb. 12, 1929. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

RED CLIPPER

The word "Red" is disclaimed.
FOR LUBRICATING OILS.
Claims use since Sept. 10, 1924.

Reg. No. 252,545. Registered Feb. 12, 1929. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

PURON

FOR LUBRICATING OILS.
Claims use since Sept. 10, 1924.

Reg. No. 252,546. Registered Feb. 12, 1929. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

PUROLA

FOR LUBRICATING OILS.
Claims use since Sept. 10, 1924.

Reg. No. 252,550. Registered Feb. 12, 1929. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

DARK CLIPPER

The word "Dark" is disclaimed.
FOR LUBRICATING OILS.
Claims use since Sept. 10, 1924.

Reg. No. 252,565. Registered Feb. 12, 1929. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

ALLVIS

FOR LUBRICATING OILS.
Claims use since Sept. 10, 1924.

Reg. No. 269,882. Registered Apr. 22, 1930. JENKIN-GUERIN OIL COMPANY, St. Louis, Mo. Republished by Jenkin-Guerin Inc., St. Louis, Mo., a corporation of Missouri.

ANCHOR BRAND

The word "Brand" is disclaimed.
FOR LUBRICATING OILS, GREASES, AND COMPOUNDS.
Claims use since July 1, 1919.

Reg. No. 270,318. Registered May 6, 1930. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

PUROCO

FOR LUBRICATING OILS.
Claims use since Oct. 16, 1928.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Reg. No. 252,967. Registered Feb. 19, 1929. AMERICAN DISINFECTING COMPANY, Sedalia, Mo. Republished by Adco, Inc., Sedalia, Mo., a corporation of Missouri.

Perma Shyne

FOR LIQUID WAX PREPARATION FOR USE IN POLISHING FLOORS, FURNITURE, WOODWORK, AND SMOOTH-SURFACE FLOOR COVERINGS.
Claims use since Aug. 17, 1928.

CLASS 19

VEHICLES

Reg. No. 248,683. Registered Oct. 30, 1928. DIVCO-DETROIT CORPORATION, Detroit, Mich. Republished by Divco Corporation, Detroit, Mich., a corporation of Michigan.

DIVCO

FOR MOTOR TRUCKS AND CONSTRUCTIVE PARTS THEREOF.
Claims use since approximately Oct. 21, 1926.

Reg. No. 258,394. Registered July 9, 1929. BENDIX BRAKE COMPANY, Chicago, Ill. Republished by Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware.

DUO-SERVO

FOR BRAKES AND BRAKE SYSTEMS AND PARTS THEREOF.
Claims use since Oct. 2, 1926.

Reg. No. 275,762. Registered Sept. 30, 1930. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill., a corporation of New Jersey. Republished by registrant.

INTERNATIONAL

FOR AUTOMOBILES AND MOTOR TRUCKS AND STRUCTURAL PARTS THEREOF.
Claims use since 1907.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Reg. No. 241,954. Registered May 8, 1928. MINNEAPOLIS-HEAT REGULATOR COMPANY, Minneapolis, Minn. Republished by Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware.

PROTECTOSTAT

FOR THERMALLY-OPERATED ELECTRIC CUT-OUT SWITCHES USED AS SAFETY CONTROL FOR HEATING PLANTS.
Claims use since Mar. 15, 1926.

Reg. No. 246,727. Registered Sept. 11, 1928. BREUER ELECTRIC MFG. CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

TORNADO

FOR ELECTRICALLY-DRIVEN PORTABLE ELECTRIC BLOWERS, SUCTION CLEANERS, AND SPRAYERS.
Claims use since June 14, 1927.

Reg. No. 260,760. Registered Aug. 27, 1929. ROBBINS & MYERS, INC., Springfield, Ohio, a corporation of Ohio. Republished by registrant.



FOR ELECTRIC FANS.
Claims use since Nov. 29, 1921.

Reg. No. 271,566. Registered June 10, 1930. MINNEAPOLIS-HONEYWELL REGULATOR COMPANY, Minneapolis, Minn., a corporation of Delaware. Republished by registrant.

PILOTSTAT

FOR THERMALLY-OPERATED ELECTRIC CUT-OUT SWITCHES USED AS SAFETY CONTROL FOR HEATING PLANTS.
Claims use since Mar. 7, 1928.

Reg. No. 271,944. Registered June 17, 1930. GLOBE-UNION MFG. CO., Milwaukee, Wis. Republished by Globe-Union Inc., Milwaukee, Wis., a corporation of Delaware.

GLOBE

FOR WET STORAGE BATTERIES.
Claims use since May 1921.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Reg. No. 270,844. Registered May 13, 1930. THE WORTHINGTON BALL COMPANY, Elyria, Ohio, a corporation of Ohio. Republished by registrant.

BLACK DIAMOND

FOR GOLF BALLS.
Claims use since Jan. 1, 1908.

Reg. No. 270,845. Registered May 13, 1930. THE WORTHINGTON BALL COMPANY, Elyria, Ohio, a corporation of Ohio. Republished by registrant.

BLUE DIAMOND

FOR GOLF BALLS.
Claims use since Jan. 1, 1908.

Reg. No. 270,846. Registered May 13, 1930. THE WORTHINGTON BALL COMPANY, Elyria, Ohio, a corporation of Ohio. Republished by registrant.

WHITE DIAMOND

FOR GOLF BALLS.
Claims use since Jan. 1, 1908.

Reg. No. 270,847. Registered May 13, 1930. THE WORTHINGTON BALL COMPANY, Elyria, Ohio, a corporation of Ohio. Republished by registrant.

DIAMOND

FOR GOLF BALLS.
Claims use since Jan. 1, 1908.

Reg. No. 271,679. Registered June 17, 1930. HOOKLESS FASTENER COMPANY, Meadville, Pa. Republished by Talon, Inc., Meadville, Pa., a corporation of Pennsylvania.

TALON

FOR BRIDGE SETS, TENNIS RACKET COVERS, AND GOLF BAGS.
Claims use since Nov. 7, 1929, on bridge sets; since Dec. 13, 1929, on tennis racket covers; and since Dec. 16, 1929, on golf bags.

Reg. No. 271,680. Registered June 17, 1930. HOOKLESS FASTENER COMPANY, Meadville, Pa. Republished by Talon, Inc., Meadville, Pa., a corporation of Pennsylvania.

HOOKLESS

FOR BRIDGE SETS, TENNIS RACKET COVERS, AND GOLF BAGS.
Claims use since Nov. 7, 1929, on bridge sets; since Dec. 13, 1929, on tennis racket covers; and since Dec. 16, 1929, on golf bags.

CLASS 23

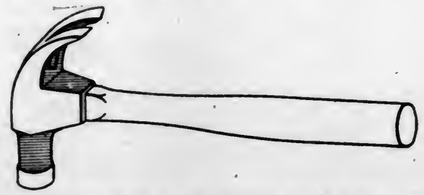
CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Reg. No. 164,880. Registered Feb. 27, 1923. THE AMERICAN AXE AND TOOL COMPANY, Pittsburgh, Pa., and Charleston, W. Va. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.

Briar Edge

FOR AXES, SCYTHES, HATCHETS, ADZES, BUSH HOOKS, MATTOCKS, MACHETES, AND GRASS HOOKS.
Claims use since September 1921.

Reg. No. 175,128. Registered Oct. 30, 1923. KELLY AXE MANUFACTURING COMPANY, Charleston, W. Va. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



The representation of the hammer is disclaimed. The drawing is lined for the color blue.
FOR HAMMERS.
Claims use since May 1, 1922.

Reg. No. 204,079. Registered Oct. 6, 1925. D. & B. PUMP AND SUPPLY CO., Los Angeles, Calif. Republished by Emsco Derrick & Equipment Company, Los Angeles, Calif., a corporation of California.

D+B

FOR WELL PUMPS, WELL-PUMP PARTS AND FITTINGS, INCLUDING CAGES, PLUNGER BUSHINGS, PLUNGER NUTS, SEATS, STANDING VALVE SLEEVES, PLUNGER EXTENSIONS AND EXTENSION SHOES, PUMP RODS AND COUPLINGS.
Claims use since Feb. 11, 1925.

Reg. No. 229,630. Registered July 5, 1927. E. C. ATKINS AND COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

BLUE STAR

FOR MACHINE KNIVES.
Claims use since on or about May 1, 1925.

Reg. No. 242,812. Registered June 5, 1928. E. C. ATKINS AND COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

ATKINS
THE TUTTLE TOOTH
Workmanship Unequaled
SPECIAL STEEL WARRANTED
PATENT TEMPERED PATENT GROUND
ATKINS ALWAYS AHEAD
E. C. ATKINS & CO.
INDIANAPOLIS, IND.
MADE IN U.S.A.
TRADE DIAMOND-POINT MARK

FOR CROSS CUT SAWS.
Claims use since May 1865.

Reg. No. 248,760. Registered Oct. 30, 1928. THE HEALD MACHINE COMPANY, Worcester, Mass., a corporation of Massachusetts. Republished by registrant.

GAGE-MATIC

FOR PRECISION GRINDING MACHINES USED FOR THE PRODUCTION OF METAL ARTICLES.
Claims use since June 9, 1928.

Reg. No. 252,390. Registered Feb. 5, 1929. SKELTON SHOVEL CO., INC., Dunkirk, N. Y. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.

FLEXTEEL

FOR SHOVELS AND SPADES.
Claims use since Dec. 1, 1927.

Reg. No. 255,151. Registered Apr. 16, 1929. E. C. ATKINS AND COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

SILVER STEEL

FOR FILES.
Claims use since about Apr. 1, 1926.

Reg. No. 260,024. Registered Aug. 13, 1929. THE AMERICAN FORK AND HOE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TRUE TEMPER

FOR CULTIVATORS, SEEDERS, FORKS, POTATO HOOKS, MANURE HOOKS, NURSERYMEN HOOKS, REFUSE HOOKS, STONE HOOKS, CLAM HOOKS, DRAGS, RAKES, HOES, WEEDERS, TURF EDGERS, SOD LIFTERS, WEED CUTTERS, SHOVELS, TROWELS, SPADES, FLOOR SCRAPERS, SIDEWALK CLEANERS, ICE CHISELS, CATTLE PRODS, SHEPHERD CROOKS, CORN HOOKS, HAY KNIVES, REPAIR HANDLES FOR TOOLS.
Claims use since January 1906.

Reg. No. 267,942. Registered Mar. 4, 1930. THE CARBORUNDUM COMPANY, Niagara Falls, N. Y. Republished by the Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware.

CARBORUNDUM

FOR GRINDING MACHINES AND PARTS THEREOF, POLISHING MACHINES AND PARTS THEREOF, RUBBING MACHINES AND PARTS THEREOF, SANDING MACHINES AND PARTS THEREOF, FLEXIBLE PADS BUILT UP OF FLEXIBLE AND COMPRESSIBLE MATERIAL, SUCH AS FELT AND/OR RUBBER, REINFORCED WITH DISCS TO SUPPORT ABRASIVE DISCS WHICH ARE FOR USE ON THE FOREGOING MACHINES, AND MACHINE ATTACHMENTS FOR THE FOREGOING MACHINES AND COMPRISING ATTACHMENTS FOR HOLDING ABRASIVE CONES, WHEEL-MOUNTING ATTACHMENTS, CHUCK ATTACHMENTS FOR DRILLS, DRUM ATTACHMENTS FOR ABRASIVE BELTS, AND SANDING-DISC ATTACHMENTS FOR SANDING MACHINES.
Claims use since 1922.

Reg. No. 271,015. Registered May 20, 1930. KELLER MECHANICAL ENGINEERING CORPORATION, Brooklyn, N. Y. Republished by Niles-Bement-Pond Company, West Hartford, Conn., a corporation of New Jersey.

KELLERFLEX

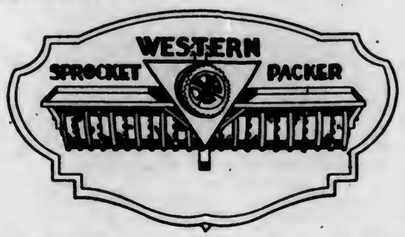
FOR PORTABLE AND FLEXIBLE SHAFT BENCH GRINDERS AND PARTS THEREOF.
Claims use since Aug. 1, 1927.

Reg. No. 271,387. Registered June 3, 1930. E. C. ATKINS AND COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

PERFECTION

FOR HANDSAW HANDLES, HANDSAWS, CROSSCUT SAWS, GRASS HOOKS, SAW TOOLS FOR SHARPENING AND SHAPING SAWS, AND WOOD SCRAPERS.
Claims use since 1893.

Reg. No. 272,617. Registered July 8, 1930. WESTERN LAND ROLLER COMPANY, Hastings, Nebr., a partnership. Republished by registrant.



The representation of the goods and the words "Sprocket" and "Packer" are disclaimed.
FOR LAND ROLLERS.
Claims use since Jan. 11, 1930.

Reg. No. 278,343. Registered Dec. 16, 1930. WESTERN LAND ROLLER COMPANY, Hastings, Nebr., a partnership. Republished by registrant.



FOR FEED GRINDERS.
Claims use since July 11, 1930.

Reg. No. 282,012. Registered Apr. 7, 1931. AUTOMOTIVE MAINTENANCE MACHINERY CO., Chicago, Ill. Republished by Ammco Tools, Inc., Chicago, Ill., a corporation of Illinois.

AMMCO

FOR AUTOMOTIVE MAINTENANCE TOOLS—NAMELY, PISTON-PINHOLE GRINDERS, MOTOR-CYLINDER GRINDERS, BRAKE-CYLINDER GRINDERS, CONNECTING-ROD ALIGNERS, AND REAMERS.
Claims use since Mar. 14, 1922.

Reg. No. 282,013. Registered Apr. 7, 1931. AUTOMOTIVE MAINTENANCE MACHINERY CO., Chicago, Ill. Republished by Ammco Tools, Inc., Chicago, Ill., a corporation of Illinois.



FOR AUTOMOTIVE MAINTENANCE TOOLS—NAMELY, PISTON-PINHOLE GRINDERS, MOTOR-CYLINDER GRINDERS, BRAKE-CYLINDER GRINDERS, CONNECTING-ROD ALIGNERS, AND REAMERS.
Claims use since Nov. 7, 1928.

Reg. No. 283,211. Registered May 19, 1931. E. C. ATKINS AND COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.



The drawing is lined for blue. No claim is made to the representation of the cutter blade.
FOR CUTTER BLADES FOR ROTARY CUTTER HEADS.
Claims use since May 1, 1925.

CLASS 25

LOCKS AND SAFES

Reg. No. 273,959. Registered Aug. 19, 1930. THE GENERAL FIREPROOFING COMPANY, Youngstown, Ohio, a corporation of Ohio. Republished by registrant.

GF Allsteel

The word "Allsteel" is disclaimed.
FOR SAFES, FILING SAFES, NOTE CASES, AND BOND BOXES, SAID NOTE CASES AND BOND BOXES BEING PROVIDED WITH COVERS AND LOCKS.
Claims use since July 1, 1927.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Reg. No. 244,386. Registered July 17, 1928. RELIABLE TYPEWRITER & ADDING MACHINE CORPORATION, Chicago, Ill. Republished by J. Arthur Lyons, doing business as Reliable Typewriter and Adding Machine Company, Chicago, Ill.

ADDOMETER

FOR CALCULATING MACHINES.
Claims use since on or about Nov. 1, 1927.

Reg. No. 252,921. Registered Feb. 19, 1929. RELIABLE TYPEWRITER & ADDING MACHINE CORPORATION, Chicago, Ill. Republished by J. Arthur Lyons, doing business as Reliable Typewriter and Adding Machine Company, Chicago, Ill.

ADDOMETER

FOR CALCULATING MACHINES.
Claims use since on or about Oct. 1, 1928.

Reg. No. 311,933. Registered Apr. 10, 1934. KIMBLE GLASS COMPANY, Vineland, N. J. Republished by Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio.

BLUE LINE

The drawing is lined for the color blue.
FOR LABORATORY GLASSWARE.
Claims use since about Sept. 8, 1933.

Reg. No. 377,989. Registered May 21, 1940. KIMBLE GLASS COMPANY, Vineland, N. J. Republished by Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio.

58

FOR GLASS FUNNELS FOR LABORATORY USE.
Claims use since Nov. 1, 1939.

Reg. No. 379,844. Registered July 30, 1940. KIMBLE GLASS COMPANY, Vineland, N. J. Republished by Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio.

RETESTED
K
EXAX
BLUE LINE
USA

The word "Retested" and the geographical abbreviation "USA" are disclaimed.
FOR CHEMICAL, SCIENTIFIC, AND LABORATORY GLASSWARE.
Claims use since Aug. 22, 1939.

Reg. No. 381,836. Registered Oct. 8, 1940. KIMBLE GLASS COMPANY, Vineland, N. J. Republished by Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio.



FOR CHEMICAL, SCIENTIFIC, AND LABORATORY GLASSWARE.
Claims use since April 1920.

Reg. No. 384,792. Registered Feb. 4, 1941. KIMBLE GLASS COMPANY, Vineland, N. J. Republished by Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio

TEST-KING

The word "Test" is disclaimed.
FOR HYDROMETERS.
Claims use since June 17, 1940.

Reg. No. 393,743. Registered Mar. 3, 1942. KIMBLE GLASS COMPANY, Vineland, N. J. Republished by Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio

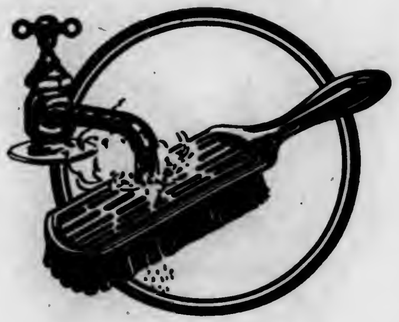
ARMOR-KLAD

FOR CHEMICAL AND LABORATORY GLASSWARE, SUCH AS THERMOMETERS, HYDROMETERS, BURETTES, PIPETTES, AND GRADUATED CYLINDERS, TUBES, FLASKS, AND MEASURING GLASSES, PROVIDED WITH AN OUTER PLASTIC COATING TO PREVENT SHATTERING.
Claims use since Mar. 24, 1941.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Reg. No. 259,164. Registered July 23, 1929. SANITAX BRUSH COMPANY, Chicago, Ill. Republished by Sanitax Brush and Products Company, Chicago, Ill., a corporation of Illinois.



The representation of the brush is disclaimed.
FOR BRUSHES, SUCH AS HAIRBRUSHES, HAND BRUSHES, BATH BRUSHES, AND SHAMPOO BRUSHES.
Claims use since on or about Dec. 28, 1928.

Reg. No. 386,790. Registered Apr. 22, 1941. THE OWENS STAPLE-TIED BRUSH COMPANY, Toledo, Ohio. Republished by Owens Brush Company, Toledo, Ohio, a corporation of Ohio.

Eclipse

FOR TOOTHBRUSHES.
Claims use since about November 1925.

Reg. No. 386,791. Registered Apr. 22, 1941. THE OWENS STAPLE-TIED BRUSH COMPANY, Toledo, Ohio. Republished by Owens Brush Company, Toledo, Ohio, a corporation of Ohio.

CRYSTALITE

FOR TOOTHBRUSHES.
Claims use since about January 1930.

Reg. No. 386,792. Registered Apr. 22, 1941. THE OWENS STAPLE-TIED BRUSH COMPANY, Toledo, Ohio. Republished by Owens Brush Company, Toledo, Ohio, a corporation of Ohio.

SENTRY

FOR TOOTHBRUSHES.
Claims use since about January 1935.

Reg. No. 388,622. Registered July 1, 1941. THE OWENS STAPLE-TIED BRUSH COMPANY, Toledo, Ohio. Republished by Owens Brush Company, Toledo, Ohio, a corporation of Ohio.

FLEXITE

FOR TOOTHBRUSHES.
Claims use since about Dec. 10, 1940.

CLASS 32

FURNITURE AND UPHOLSTERY

Reg. No. 63,441. Registered June 18, 1907. THE GLOBE-WERNICKE COMPANY, Cincinnati, Ohio. Republished by The Globe-Wernicke Co., Norwood, Ohio, a corporation of Ohio.

Globe

FOR BOOKCASES, LEGAL-BLANK CASES, PIGEON-HOLE CASES, BANKERS' NOTE-CASES, OFFICE TRAYS, DESK TRAYS, CARD-INDEX TRAYS, OFFICE TICKLERS, DOCUMENT-BOXES, STATIONERY RACKS, DISTRIBUTORS, FILING-CABINETS, CARD-INDEX CABINETS, COPYING-PRESS STANDS, CHAIRS, DESKS, TABLES, WARDROBES AND CUPBOARDS, ALL MADE WHOLLY OR PRINCIPALLY OF WOOD.
Claims use since 1882.

Reg. No. 63,442. Registered June 18, 1907. THE GLOBE-WERNICKE COMPANY, Cincinnati, Ohio. Republished by The Globe-Wernicke Co., Norwood, Ohio, a corporation of Ohio.

G/W

FOR BOOKCASES, LEGAL-BLANK CASES, PIGEON-HOLE CASES, BANKERS' NOTE-CASES, OFFICE TRAYS, DESK TRAYS, CARD-INDEX TRAYS, OFFICE TICKLERS, DOCUMENT-BOXES, STATIONERY RACKS, DISTRIBUTORS, FILING-CABINETS, CARD-INDEX CABINETS, COPYING-PRESS STANDS, CHAIRS, DESKS, TABLES, WARDROBES AND CUPBOARDS, ALL MADE WHOLLY OR PRINCIPALLY OF WOOD.
Claims use since 1899.

CLASS 33

GLASSWARE

Reg. No. 306,798. Registered Sept. 26, 1933. KIMBLE GLASS COMPANY, Vineland, N. J. Republished by Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio.

TUBAR

FOR GLASS TUBES OR RODS.
Claims use since May 13, 1933.

Reg. No. 333,325. Registered Mar. 17, 1936. OWENS-ILLINOIS GLASS COMPANY, Toledo, Ohio, a corporation of Ohio. Republished by registrant.



The words "Glass Art" and the representation of the goods are disclaimed.
FOR BOTTLES, DECANTER SETS, AND LIQUOR SETS COMPRISING LIQUOR DECANTERS, BOTTLES, AND DRINKING GLASSES.
Claims use since Nov. 26, 1934.

Reg. No. 349,774. Registered Sept. 7, 1937. OWENS-ILLINOIS GLASS COMPANY, Toledo, Ohio, a corporation of Ohio. Republished by registrant.



The words "Glass Art" are disclaimed.
FOR TABLE WARE—NAMELY, CONSOLE SETS, EACH COMPRISING CANDELABRA AND A CENTERPIECE; DRESSING TABLE SETS, INCLUDING TOILET BOTTLES, POWDER BOXES, AND TRAYS; BATHROOM SETS, INCLUDING BOTTLES AND TRAYS; AND INFANT NURSERY SETS, INCLUDING JARS AND TRAYS; ALL SAID ARTICLES BEING MADE OF GLASS.
Claims use since Nov. 26, 1934.

Reg. No. 350,543. Registered Sept. 28, 1937. OWENS-ILLINOIS GLASS COMPANY, Toledo, Ohio, a corporation of Ohio. Republished by registrant.

COMMON SENSE

FOR JARS AND BOTTLES MADE OF GLASS.
Claims use since May 2, 1937.

Reg. No. 385,988. Registered Mar. 25, 1941. OWENS-ILLINOIS GLASS COMPANY, Toledo, Ohio, a corporation of Ohio. Republished by registrant.

HANDI QUART

The word "Quart" is disclaimed.
FOR GLASS BOTTLES.
Claims use since on or about June 17, 1940.

Reg. No. 398,686. Registered Nov. 17, 1942. KIMBLE GLASS COMPANY, Vineland, N. J. Republished by Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio.



FOR GLASS RODS, GLASS TUBING AND GLASS CONTAINERS—NAMELY, JARS, DISHES, AND BOTTLES, INCLUDING AMPOULES AND OTHER VIALS, AND FLASKS.
Claims use since Feb. 15, 1936.

Reg. No. 401,881. Registered June 15, 1943. KIMBLE GLASS COMPANY, Vineland, N. J., and Chicago Heights, Ill. Republished by Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio.

GLASTITE

FOR GLASS FLOATS FOR AUTOMATIC VALVES.
Claims use since June 16, 1942.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Reg. No. 250,607. Registered Dec. 11, 1928. MINNEAPOLIS-HONEYWELL REGULATOR COMPANY, Wabash, Ind., and Minneapolis, Minn., a corporation of Delaware. Republished by registrant, present location Minneapolis, Minn.

AIRSTAT

FOR DEVICE TO LIMIT THE TEMPERATURE OF THE AIR IN THE CASING OF A WARM-AIR FURNACE.
Claims use since November 1927.

Reg. No. 253,446. Registered Feb. 26, 1929. HARTMAN FURNITURE AND CARPET COMPANY, Chicago, Ill. Republished by United Furniture Stores, Chicago, Ill., a voluntary association of Illinois.

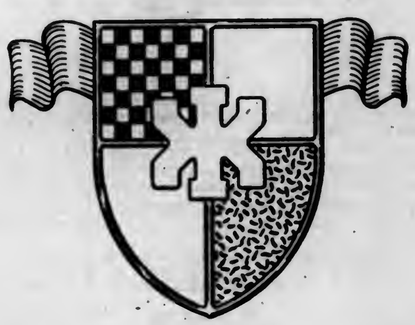
Heritage

FOR KITCHEN GAS RANGES.
Claims use since Aug. 15, 1928.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Reg. No. 246,976. Registered Sept. 18, 1928. THE GENERAL TIRE AND RUBBER COMPANY, Akron, Ohio, a corporation of Ohio. Republished by registrant.



FOR VEHICLE TIRES OF RUBBER OR RUBBER AND FABRIC, INNER TUBES FOR VEHICLE TIRES, REPAIR PATCHES OF RUBBER, AND RUBBER AND FABRIC.
Claims use since about Nov. 20, 1925.

Reg. No. 257,568. Registered June 11, 1929. THE GATES RUBBER COMPANY, Denver, Colo., a corporation of Colorado. Republished by registrant.

GATES Greenlawn HOSE

The word "Hose" is disclaimed.
FOR RUBBER AND GARDEN HOSE.
Claims use since July 25, 1928.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Reg. No. 165,363. Registered Mar. 6, 1923. THE H. N. WHITE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

KING

FOR TRUMPETS, CORNETS, TROMBONES, BAND AND ORCHESTRA HORNS, EUPHONIUMS; BARITONE, TENOR AND BASS HORNS; TUBAS, SAXOPHONES, FLUTES, AND CLARINETS.
Claims use since 1898.

CLASS 37

PAPER AND STATIONERY

Reg. No. 63,197. Registered June 11, 1907. THE GLOBE-WERNICKE COMPANY, Cincinnati, Ohio.. Republished by The Globe-Wernicke Co., Norwood, Ohio, a corporation of Ohio.

LEADER

FOR DOCUMENT FILES.
Claims use since 1883.

Reg. No. 63,724. Registered July 2, 1907. THE GLOBE-WERNICKE COMPANY, Cincinnati, Ohio. Republished by The Globe-Wernicke Co., Norwood, Ohio, a corporation of Ohio.

"Globe"

FOR DOCUMENT-FILES, SHELF-BOXES, FILE-BOXES, DOCUMENT-BOXES, PAMPHLET-CASES, LEGAL WRAPPERS, ENVELOPS, FOLDERS, MEMORANDUM-CASES, STATIONERY-RACKS, DISTRIBUTORS, DESK-TRAYS, LOOSE-SHEET HOLDERS, COMPRESSOR-COVERS, BINDING-CASES, INDEXES, PORTFOLIOS, PADS FOR DESKS AND TABLES, INDEX-TABS, SCRAP-BOOKS, LOOSE-LEAF BOOKS, LOOSE-LEAF FILES AND BINDERS, TRANSFER CASES, MEMORANDUM CASES, TRANSFER-COVERS, RECORD-CARDS, GUIDE-CARDS, CARD-INDEX CASES, CARD-INDEXES, OFFICE-TICKLERS, FILE-TRAYS AND BOARD CLIPS.
Claims use since 1882.

Reg. No. 63,725. Registered July 2, 1907. THE GLOBE-WERNICKE COMPANY, Cincinnati, Ohio. Republished by The Globe-Wernicke Co., Norwood, Ohio, a corporation of Ohio.

COLUMBIA

FOR BOARD CLIPS AND PARTS THEREOF, DOCUMENT-FILES, COMPRESSOR-COVERS, AND BINDING-CASES AND PARTS THEREOF.
Claims use since 1882.

Reg. No. 63,726. Registered July 2, 1907. THE GLOBE-WERNICKE COMPANY, Cincinnati, Ohio. Republished by The Globe-Wernicke Co., Norwood, Cincinnati, Ohio, a corporation of Ohio.

G/W

FOR DOCUMENT-FILES, SHELF-BOXES, FILE-BOXES, DOCUMENT-BOXES, PAMPHLET-CASES, LEGAL WRAPPERS, ENVELOPES, FOLDERS, MEMORANDUM-CASES, STATIONERY-RACKS, DISTRIBUTORS, DESK-TRAYS, LOOSE-SHEET HOLDERS, COMPRESSOR-COVERS, BINDING-CASES, INDEXES, PORTFOLIOS, PADS FOR DESKS AND TABLES, INDEX-TABS, SCRAP-BOOKS, LOOSE-LEAF BOOKS, LOOSE-LEAF FILES AND BINDERS, TRANSFER CASES, MEMORANDUM CASES, TRANSFER-COVERS, RECORD-CARDS, GUIDE-CARDS, CARD-INDEX CASES, CARD-INDEXES, OFFICE-TICKLERS, FILE-TRAYS, AND BOARD-CLIPS.
Claims use since 1889.

Reg. No. 228,598. Registered June 7, 1927. TRANSO ENVELOPE COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

Transo

FOR MAILING ENVELOPES.
Claims use since about January 1904.

Reg. No. 250,760. Registered Dec. 18, 1928. CROWN WILLAMETTE PAPER COMPANY, San Francisco, Calif. Republished by Crown Zellerbach Corporation, also doing business as Crown Willamette Paper Company, San Francisco, Calif., a corporation of Nevada.

CROWN

FOR PAPERS CONSISTING OF SULPHITE, KRAFT, GROUND WOOD, MANILA, AND EXPRESS WRAPPING PAPER FOR WRAPPING AND PACKING MERCHANDISE OF COMMERCE; BAG AND ENVELOPE PAPERS FOR MANUFACTURING BAGS, ENVELOPES, AND PAPER CONTAINERS; FRUIT PAPER FOR WRAPPING AND PACKING CITRUS AND DECIDUOUS FRUITS, TRAY PAPER FOR DRYING RAISINS AND OTHER FRUITS, NEWS PAPER FOR PRINTING AND PUBLISHING.
Claims use since January 1888.

Reg. No. 253,871. Registered Mar. 5, 1929. TRANSO ENVELOPE COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

Trans-O-pake

The word "O-pake" is disclaimed.
FOR ENVELOPES.
Claims use since Nov. 1, 1927.

Reg. No. 254,308. Registered Mar. 19, 1929. CROWN WILLAMETTE PAPER COMPANY, San Francisco, Calif. Republished by Crown Zellerbach Corporation, also doing business as National Paper Products Sales Company, San Francisco, Calif., a corporation of Nevada.

KRAFTSPUN



FOR PAPER TOWELS.
Claims use since Sept. 1, 1928.

Reg. No. 271,664. Registered June 17, 1930. THE CHAMPION COATED PAPER COMPANY, Hamilton, Ohio. Republished by The Champion Paper and Fibre Company, Hamilton, Ohio, a corporation of Ohio.

DULLOFOLD

FOR MINERAL COATED PAPER SUITABLE FOR PRINTING.
Claims use since Jan. 10, 1930.

Reg. No. 271,757. Registered June 17, 1930. THE CHAMPION COATED PAPER COMPANY, Hamilton, Ohio. Republished by The Champion Paper and Fibre Company, Hamilton, Ohio, a corporation of Ohio.

HINGEFOLD

FOR MINERAL COATED PAPER SUITABLE FOR PRINTING.
Claims use since Apr. 10, 1917.

Reg. No. 273,735. Registered Aug. 12, 1930. KOTEX COMPANY, Chicago, Ill. Republished by International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware.

Kerfs

FOR PAPER HANDKERCHIEFS.
Claims use since Mar. 4, 1930.

Reg. No. 279,461. Registered Jan. 13, 1931. NATIONAL PAPER PRODUCTS COMPANY, San Francisco, Calif. Republished by Comfort Paper Corporation, San Francisco, Calif., a corporation of Nevada.

ZEE

FOR TOILET PAPER.
Claims use since on or about Feb. 1, 1930.

CLASS 38

PRINTS AND PUBLICATIONS

Reg. No. 228,600. Registered June 7, 1927. BROWN & BIGELOW, St. Paul, Minn., a corporation of Minnesota. Republished by registrant.

Refreshing News

FOR A PERIODICAL PARTICULARLY ADAPTED TO DRY-CLEANERS AND DRY-CLEANING INTERESTS PUBLISHED FROM TIME TO TIME.
Claims use since about Feb. 1, 1926.

Reg. No. 249,028. Registered Nov. 6, 1928. FELT AND TARRANT MANUFACTURING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

COMPTOMETER NEWS

FOR PERIODICAL.
Claims use since Dec. 14, 1926.

Reg. No. 249,433. Registered Nov. 13, 1928. BROWN & BIGELOW, St. Paul, Minn., a corporation of Minnesota. Republished by registrant.

BUSINESS BUILDERS

FOR WALL CALENDARS, WALL MAILING CARDS, AND GREETING CARDS.
Claims use since March 1906.

Reg. No. 249,632. Registered Nov. 20, 1928. BROWN & BIGELOW, St. Paul, Minn., a corporation of Minnesota. Republished by registrant.

Home Sweet Home

FOR A PERIODICAL PARTICULARLY ADAPTED TO REAL-ESTATE COMPANIES PUBLISHED FROM TIME TO TIME.
Claims use since on or about Apr. 1, 1928.

Reg. No. 249,633. Registered Nov. 20, 1928. BROWN & BIGELOW, St. Paul, Minn., a corporation of Minnesota. Republished by registrant.

THE MODERN LAUNDRE

FOR A PERIODICAL PARTICULARLY ADAPTED TO LAUNDRIES PUBLISHED FROM TIME TO TIME.
Claims use since on or about Apr. 1, 1928.

Reg. No. 249,803. Registered Nov. 20, 1928. BROWN & BIGELOW, St. Paul, Minn., a corporation of Minnesota. Republished by registrant.

FORGING AHEAD

FOR A PERIODICAL PARTICULARLY ADAPTED TO BANKS PUBLISHED FROM TIME TO TIME.
Claims use since on or about Apr. 1, 1928.

CLASS 39

CLOTHING

Reg. No. 248,838. Registered Oct. 30, 1928. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Young Moderns

FOR SILK HOSIERY.
Claims use since Oct. 1, 1927.

Reg. No. 249,722. Registered Nov. 20, 1928. MILFORD SHOE COMPANY, Milford, Mass., a corporation of Massachusetts. Republished by registrant.

RESTER

FOR SHOES OF LEATHER.
Claims use since about Jan. 1, 1905.

Reg. No. 257,562. Registered June 11, 1929. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Marfield

FOR WOMEN'S DRESSES AND COATS.
Claims use since Sept. 1, 1928.

Reg. No. 260,274. Registered Aug. 20, 1929. WEYENBERG SHOE MFG. CO., Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

Weyco

FOR LEATHER SHOES.
Claims use since Dec. 1, 1928.

Reg. No. 268,070. Registered Mar. 4, 1930. FRANCO CORSET COMPANY, New York, N. Y., a firm. Republished by registrant.

Contour-lastik

FOR CORSETS.
Claims use since Aug. 12, 1929.

Reg. No. 272,370. Registered July 8, 1930. REAL SPORT CLOTHING CO., Philadelphia, Pa. Republished by Samuel Caplin, doing business as Real Sport Clothing Company, Philadelphia, Pa.

MASTERSEAM

FOR BREECHES, RIDING BREECHES, SERVICE BREECHES, AND SPORT BREECHES.
Claims use since Nov. 1, 1926.

Reg. No. 273,993. Registered Aug. 19, 1930. E. P. REED & Co., Rochester, N. Y., a corporation of New York. Republished by registrant.

YOUR FOOTPRINT IN LEATHER!

FOR BOOTS AND SHOES MADE IN WHOLE OR IN PART OF LEATHER, TEXTILE FABRIC, AND RUBBER.
Claims use since Dec. 16, 1929.

Reg. No. 273,994. Registered Aug. 19, 1930. E. P. REED & CO., Rochester, N. Y., a corporation of New York. Republished by registrant.

FOOTPRINTS

FOR BOOTS AND SHOES MADE IN WHOLE OR IN PART OF LEATHER, TEXTILE FABRIC, AND RUBBER.
Claims use since Nov. 22, 1929.

Reg. No. 273,995. Registered Aug. 19, 1930. HOOKLESS FASTENER COMPANY, Meadville, Pa. Republished by Talon, Inc., Meadville, Pa., a corporation of Pennsylvania.

TALON

FOR TRUNKS FOR GYM SUITS OR SWIMMING SUITS; BOOTS AND SHOES OF LEATHER, RUBBER, AND OF A COMBINATION OF RUBBER AND FABRIC; CHILDREN'S BLOUSES AND DRAWER-LEGGING SUITS, ONE-PIECE FULL-LENGTH SUITS, AND ONE AND TWO PIECE WASH SUITS, CHILDREN'S SLEEPERS, WOMEN'S AND CHILDREN'S BLOUSES, LUMBERJACKS, MEN'S OVERALL SUITS AND OVERALLS, MEN'S DRESS AND WORK SHIRTS, BOYS' SHIRTS FOR OUTER WEAR, CHILDREN'S SNOW SUITS, RIDING BREECHES, AND GOLF JACKETS FOR MEN AND WOMEN, BABY ROBES IN THE NATURE OF A SLEEPING BAG, BAG-TYPE GARMENTS FOR ADULTS, MEN'S AND CHILDREN'S KNITTED UNDERWEAR, NURSES' UNIFORMS, LEGGINGS, AND LEATHER GLOVES.
Claims use since Sept. 28, 1929.

Reg. No. 274,250. Registered Aug. 26, 1930. HOOKLESS FASTENER COMPANY, Meadville, Pa. Republished by Talon, Inc., Meadville, Pa., a corporation of Pennsylvania.

HOOKLESS

FOR TRUNKS FOR GYM SUITS OR SWIMMING SUITS; BOOTS AND SHOES OF LEATHER, RUBBER, AND OF A COMBINATION OF RUBBER AND FABRIC; CHILDREN'S BLOUSES AND DRAWER-LEGGING SUITS, ONE-PIECE FULL-LENGTH SUITS, AND ONE AND TWO-PIECE WASH SUITS; CHILDREN'S SLEEPERS, WOMEN'S AND CHILDREN'S BLOUSES, LUMBERJACKS, MEN'S OVERALL SUITS AND OVERALLS, MEN'S DRESS AND WORK SHIRTS, BOYS' SHIRTS FOR OUTER WEAR, CHILDREN'S SNOW SUITS, RIDING BREECHES AND GOLF JACKETS FOR MEN AND WOMEN, BABY ROBES IN THE NATURE OF A SLEEPING BAG, BAG-TYPE GARMENTS FOR ADULTS, MEN'S AND CHILDREN'S KNITTED UNDERWEAR, NURSES' UNIFORMS, LEGGINGS, AND LEATHER GLOVES.
Claims use since Sept. 28, 1929.

Reg. No. 280,455. Registered Feb. 17, 1931. REAL SPORT CLOTHING CO., Philadelphia, Pa. Republished by Samuel Caplin, doing business as Real Sport Clothing Company, Philadelphia, Pa.

FLEXO

FOR BREECHES, RIDING BREECHES, SERVICE BREECHES, AND SPORT BREECHES.
Claims use since July 8, 1930.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Reg. No. 276,535. Registered Oct. 21, 1930. THE WILSON FASTENER COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

WILSNAP

FOR SHOULDER-STRAP HOLDERS AND SHOULDER-STRAP LOOPS.
Claims use since Mar. 4, 1930.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Reg. No. 243,907. Registered July 3, 1928. AMERICAN WOOLEN COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant, present location New York, N. Y.

Ram's Head
FABRICS
GUARANTEED ALL-WOOL

The words "Fabrics," "Guaranteed," and "All-Wool" are disclaimed.
FOR WOOLEN PIECE GOODS.
Claims use since on or about Mar. 3, 1928.

Reg. No. 259,641. Registered Aug. 6, 1929. AMERICAN WOOLEN COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant, present location New York, N. Y.

Ram's Head

FOR WOOLEN PIECE GOODS.
Claims use since Mar. 3, 1928.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Reg. No. 224,076. Registered Feb. 15, 1927. KIMBLE GLASS COMPANY, Vineland, N. J. Republished by Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio.

VENULE

FOR VACUUM TUBES USED TO EXTRACT BLOOD FROM VEINS.
Claims use since Sept. 25, 1926.

Reg. No. 226,475. Registered Apr. 12, 1927. THE OWENS BOTTLE COMPANY, Toledo, Ohio. Republished by Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio by change of name.

BABY BUNTING

FOR NURSING BOTTLES MADE OF GLASS.
Claims use since Oct. 21, 1926.

Reg. No. 249,257. Registered Nov. 13, 1928. BERKELEY COMPANY, Chicago, Ill. Republished by International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware.

CELLU-PAD

The word "Pad" is disclaimed.
FOR SANITARY NAPKINS.
Claims use since June 5, 1928.

Reg. No. 254,162. Registered Mar. 12, 1929. VELDOWN COMPANY, INC., New York, N. Y., Republished by International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware.

VELDOWN

FOR CATAMENIAL BANDAGES.
Claims use since Oct. 11, 1926.

Reg. No. 254,390. Registered Mar. 26, 1929. VELDOWN COMPANY, INC., New York, N. Y. Republished by International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware.

Velvette

FOR CATAMENIAL NAPKINS.
Claims use since January 1928.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Reg. No. 79,531. Registered Sept. 13, 1910. JOHN W. STEPHENSON, Little Falls, Minn. Republished by Cannon Valley Milling Co., Minneapolis, Minn., a corporation of Minnesota.

The Pride of Minnesota

FOR WHEAT-FLOUR.
Claims use since June 1908.

Reg. No. 88,913. Registered Oct. 29, 1912. CHARLES N. MILLER, Boston, Mass. Republished by Charles N. Miller Co., Boston, Mass., a corporation of Massachusetts.

Dearos

FOR CANDY.
Claims use since June 1, 1911.

Reg. No. 182,643. Registered Apr. 15, 1924. CHARLESTON MILLING & PRODUCE COMPANY, Charleston, W. Va. Republished by Charleston Milling Company, Charleston, W. Va., a corporation of West Virginia.

LA-ROY

FOR FLOUR.
Claims use since May 19, 1923.

Reg. No. 186,585. Registered July 22, 1924. CHARLESTON MILLING & PRODUCE COMPANY, Charleston, W. Va. Republished by Charleston Milling Company, Charleston, W. Va., a corporation of West Virginia.



FOR MIDDLINGS, DAIRY FEED, WHEAT FLOUR, MIXED FEED, MEAL AND STOCK FEED.
Claims use since Dec. 21, 1923.

Reg. No. 190,771. Registered Oct. 21, 1924. PETERSEN & PEGAU BAKING COMPANY, Omaha, Nebr., now by change of name P. F. Petersen Baking Company. Republished by P. F. Petersen Baking Company, Omaha, Nebr., a corporation of Nebraska, by change of name.

Peter Pan

FOR BREAD.
Claims use since July 27, 1923.

Reg. No. 212,708. Registered May 11, 1926. CHARLESTON MILLING & PRODUCE COMPANY, Charleston-Kanawha, W. Va. Republished by Charleston Milling Company, Charleston, W. Va., a corporation of West Virginia.



FOR FEED FOR LIVE STOCK, INCLUDING HORSES, MULES, COWS, POULTRY, ETC.
Claims use since July 25, 1925.

Reg. No. 227,427. Registered May 3, 1927. NEW ULM ROLLER MILL COMPANY, New Ulm, Minn. Republished by Eagle Roller Mill Co., New Ulm, Minn., a corporation of Minnesota.



FOR FLOUR MADE FROM WHEAT.
Claims use since November 1892.

Reg. No. 227,567. Registered May 10, 1927. INDERRIEDEN CANNING CO., Chicago, Ill. Republished by The J. B. Inderrieden Co., Chicago, Ill., a corporation of Illinois.



FOR CANNED CORN, CANNED PEAS, CANNED RED KIDNEY BEANS, CANNED PORK AND BEANS, CANNED AND DRIED FRUITS—NAMELY, RAISINS.
Claims use since Apr. 26, 1907.

Reg. No. 232,985. Registered Sept. 20, 1927. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

RE UMBERTO

R.U.

FOR CANNED SARDINES, CONCENTRATED TOMATO PASTE, CANNED TOMATOES PACKED WITH PUREE, CANNED TOMATOES, CANNED TUNNY FISH, DRIED BROWN BEANS, DRIED GREEN SPLIT PEAS, DRIED MARROWFAT PEAS, DRIED YELLOW SPLIT PEAS, GLACE RICE, DRIED LENTILS, FAGIUOLI ROMANI (DRIED FANCY CRANBERRY ROMAN BEANS), FAGIUOLI CANNELLI BIANCHI (DRIED FANCY WHITE KIDNEY BEANS) MIXED PICKLES IN VINEGAR, DRIED MUSHROOMS, CARDAMON.
Claims use since January 1904.

Reg. No. 260,547. Registered Aug. 27, 1929. THE SOUTHWESTERN MILLING COMPANY, INC., New York, N. Y. Republished by Standard Milling Company, Chicago, Ill., a corporation of Illinois.



No claim is made to the exclusive use of the representation of a flour bag.
FOR WHEAT FLOUR.
Claims use since Oct. 20, 1928.

Reg. No. 260,747. Registered Aug. 27, 1929. THE SOUTHWESTERN MILLING COMPANY, INC., New York, N. Y. Republished by Standard Milling Company, Chicago, Ill., a corporation of Illinois.



No claim is made to the exclusive use of the representation of a flour bag.
FOR WHEAT FLOUR.
Claims use since Mar. 26, 1929.

Reg. No. 267,719. Registered Feb. 25, 1930. MONSANTO CHEMICAL WORKS, St. Louis, Mo. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.

ETHAVAN

FOR FLAVORS FOR FOODS.
Claims use since Dec. 3, 1928.

Reg. No. 268,159. Registered Mar. 11, 1930. JOHN MACKINTOSH AND SONS, LIMITED, Halifax, England. Republished by John Mackintosh & Sons Ltd., Inc., Boston, Mass., a corporation of Massachusetts.

Mackintosh's Toffee de Luxe

The terms "De Luxe" and "Toffee" are disclaimed.
FOR TOFFEE.
Claims use since Jan. 19, 1912.

Reg. No. 268,183. Registered Mar. 11, 1930. JOHN MACKINTOSH AND SONS, LIMITED, Halifax, England. Republished by John Mackintosh & Sons Ltd., Inc., Boston, Mass., a corporation of Massachusetts.

Mackintosh's



FOR TOFFEE.
Claims use since 1922.

Reg. No. 268,304. Registered Mar. 11, 1930. MAKEPEACE PRESERVING COMPANY, Wareham, Mass. Republished by National Cranberry Association, Hanson, Mass., a corporation of Delaware.

MAKEPEACE

FOR CANNED FRUITS AND VEGETABLES.
Claims use since Sept. 10, 1928.

Reg. No. 269,832. Registered Apr. 22, 1930. GOLDEN NUGGET SWEETS, San Francisco, Calif. Republished by Golden Nugget Sweets Ltd., San Francisco, Calif., a limited partnership.

GOLDEN NUGGET

FOR CANDY.
Claims use since Aug. 3, 1929.

Reg. No. 271,088. Registered May 27, 1930. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

ANITA

FOR CANNED FISH, CANNED VEGETABLES, OLIVES IN BULK, AND ANTIPASTO.
Claims use since 1906.

Reg. No. 274,153. Registered Aug. 19, 1930. C. F. SIMONIN'S SONS, INC., Philadelphia, Pa., a corporation of Delaware. Republished by registrant.



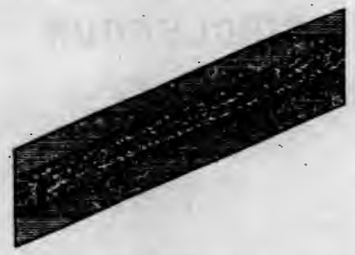
The words "Olio Puro" are disclaimed.
FOR SALAD OIL.
Claims use since Mar. 24, 1930.

Reg. No. 275,993. Registered Oct. 7, 1930. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.



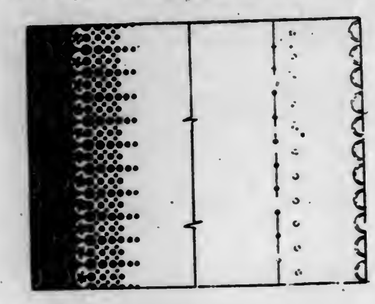
The drawing is lined for red and blue.
FOR WHEAT FLOUR.
Claims use since Mar. 27, 1930.

Reg. No. 277,480. Registered Nov. 11, 1930. CHARLESTON MILLING & PRODUCE COMPANY, Charleston, W. Va. Republished by Charleston Milling Company, Charleston, W. Va., a corporation of West Virginia.



The drawing is lined for blue and yellow.
FOR CAKE FLOUR AND FOR STOCK FEED.
Claims use since on or about July 1929.

Reg. No. 279,624. Registered Jan. 20, 1931. JOHN MACKINTOSH & SONS LTD., INC., Boston, Mass., a corporation of Massachusetts. Republished by registrant.



FOR CANDY.
Claims use since January 1928.

Reg. No. 280,848. Registered Mar. 3, 1931. CHARLES N. MILLER CO., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

PILOT'S PAL

FOR CANDY.
Claims use since Oct. 13, 1930.

Reg. No. 281,421. Registered Mar. 17, 1931. CHOCOLATE PRODUCTS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

KAYO

FOR CHOCOLATE SYRUPS AND POWDERS CONVERTIBLE INTO FOOD BEVERAGES AND ALSO USED AS FOODS AND FOOD FLAVORINGS.
Claims use since Nov. 1, 1924.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Reg. No. 280,658. Registered Feb. 24, 1931. RESPRO INC., Cranston, R. I., a corporation of Rhode Island. Republished by registrant.

DURA KALF

The word "Kalf" is disclaimed.
FOR ARTIFICIAL LEATHER.
Claims use since Jan. 30, 1930.

Reg. No. 309,885. Registered Feb. 6, 1934. THE CLOSURE SERVICE COMPANY, Toledo, Ohio. Republished by Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio.

KNIFE-O

FOR CLOSURE CAPS FOR BOTTLES AND JARS.
Claims use since Sept. 28, 1933.

Reg. No. 393,120. Registered Jan. 27, 1942. OWENS-ILLINOIS GLASS COMPANY, Toledo, Ohio, a corporation of Ohio. Republished by registrant.

HUMI·SEAL

The word "Seal" is disclaimed.
FOR CAPS OR CLOSURES FOR CONTAINERS.
Claims use since on or about July 10, 1940.

Reg. No. 398,795. Registered Nov. 24, 1942. OWENS-ILLINOIS GLASS COMPANY, Toledo, Ohio, a corporation of Ohio. Republished by registrant.

THRIF-T-LID

The word "Lid" is disclaimed.

FOR CLOSURES FOR BOTTLES, JARS, AND OTHER CONTAINERS.

Claims use since on or about May 13, 1942.

Reg. No. 409,695. Registered Oct. 17, 1944. OWENS-ILLINOIS GLASS COMPANY, Toledo, Ohio, a corporation of Ohio. Republished by registrant.

CIRCLEPOUR

FOR CLOSURES FOR BOTTLES, JARS, JUGS, AND OTHER CONTAINERS, SAID CLOSURES COMPRISING MOLDED BODIES OF ORGANIC MATERIAL ATTACHED TO THE CONTAINERS AND EACH INCLUDING A VALVE.

Claims use since on or about July 8, 1941.

REISSUES

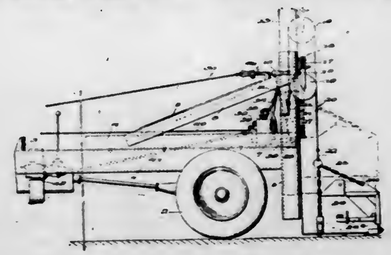
MARCH 2, 1948

22,978
FOOD PRODUCT
Gustavus J. Esselen, Swampscott, Mass.
No Drawing. Original No. 2,270,582, dated January 20, 1942, Serial No. 293,431, September 5, 1939. Application for reissue May 10, 1946, Serial No. 668,650
5 Claims. (Cl. 99—124)

1. A dry powdered soup base comprising essentially and predominantly monosodium glutamate and a thickening agent, said materials being in such proportions and capable of being readily dissolved and dispersed in water to form a broth.

22,979
CONVEYING RIG
Walter E. Lambert, Maryville, Tenn., assignor to McMurray Structural Steel Company, Inc., Nashville, Tenn., a corporation of Tennessee
Original No. 2,210,323, dated August 6, 1940, Serial No. 118,653, December 31, 1936. Application for reissue November 5, 1947, Serial No. 784,141
19 Claims. (Cl. 214—119)

1. In conveying equipment, the combination of a rig having an upright trackway thereon, a shuttle operatively mounted in the trackway for up and down movement therein, one or more cable guides carried by the shuttle, a skip container of greater length than the width of the trackway, and flexible means laterally outside of the trackway and extending over the guide or guides and having one end thereof connected with the rig and the other end having means for detachable connection with the skip for raising and lowering the same upon up and down movement of the shuttle.



PLANT PATENTS

GRANTED MARCH 2, 1948

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

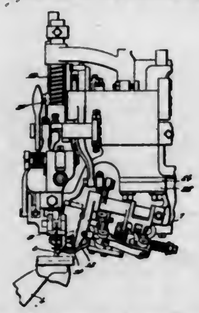
786
BUDDLEIA PLANT
Paul J. Schmidt, Youngstown, Ohio, assignor to The Wayside Gardens Company, Mentor, Ohio, a corporation of Ohio
Application December 6, 1946, Serial No. 714,442
1 Claim. (Cl. 47—69)

The new and distinct variety of buddleia plant herein shown and described, characterized particularly by the compact arrangement of the florets in the flower heads, the dwarfed growth, compact, bushy and globular shape of the plant as a whole, and further characterized in the very large number of inflorescences well proportioned to the size and shape of the plant as a whole, and the fact that it blooms during a period when few or no other flowering shrubs are in bloom.

PATENTS

GRANTED MARCH 2, 1948

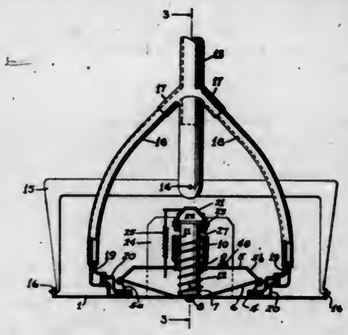
2,436,782
LOCK STITCH SEWING MACHINE
Guido J. Barbati, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application November 23, 1946, Serial No. 712,005
3 Claims. (Cl. 112—36)



1. A lockstitch sewing machine having a main column, the upper portion of which contains stitch forming devices including a hook needle acting while its threaded hook is being retracted from the work to draw thread from the loop of needle thread in the preceding stitch, a shuttle acting to pull off thread from the supply for the next stitch, a take-up for pulling each needle loop from the shuttle partially back through the work, a shuttle supporting bracket on the upper portion of the column and a shoe supporting horn mounted on the column to extend within the shoe, in combination with means for enabling easy adjustment of the machine to optional use for thicker work, comprising a readily removable shim between the shuttle supporting bracket and the upper portion of the column, to cause the shuttle to draw each loop of needle thread to a higher position relatively to the horn for the thicker work.

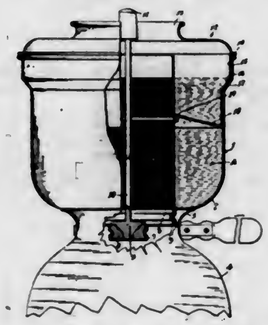
2,436,783
PRESSURE PLASTIC APPLICATOR
Robert G. Ames, Burlingame, Calif., assignor of one-half to George W. Williams and one-fourth to Stanley Ames, Burlingame, Calif.
Application December 12, 1944, Serial No. 567,826
12 Claims. (Cl. 72—130)

1. A pressure applicator comprising a plate having a top and bottom surface and an opening therein for the passage of a cementitious material therethrough, a casing communicating with the opening from the top of the plate, a flexible diaphragm dividing the casing into two compartments, one of the compartments communicating with the opening, means for feeding a cementitious material to the compartment that communicates with the opening, said compartment delivering the material through the opening and to the underside of the plate for application to a surface when the plate is applied thereto, said means including a prime mover for delivering the material under pressure to the material receiving compartment, and automatic control means actuated by the moving diaphragm when said compartment receives an excess of material



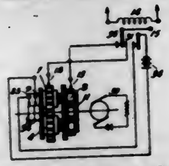
for stopping the prime mover from operating, whereby the material will be fed to the plate bottom surface as needed.

2,436,784
COFFEE BREWING APPARATUS
Richard E. Ballerino, Los Angeles, and Robert F. Ashdown, Montebello, Calif., assignors to Farmer Bros. Coffee Co., Los Angeles, Calif., a corporation of California
Application August 7, 1944, Serial No. 548,432
8 Claims. (Cl. 99—299)



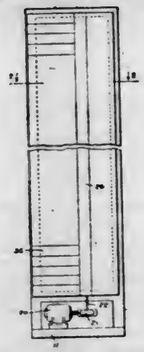
1. A coffee making apparatus comprising: a receptacle including a discharge opening in its lower end; valve means for said opening having a handle accessible from the upper end of said receptacle; a tubular screen surrounding said opening and extending to the upper end of said receptacle, said screen defining with said receptacle an annular coffee grain receiving chamber; a cover for said receptacle including side walls fitting within said receptacle and an inturned partition at the lower extremities of said side walls forming the upper end of said chamber to hold said coffee grains submerged when said receptacle is filled with water.

2,436,785
AUTOMATIC MEASUREMENT OF LENGTH BY MEANS OF ELECTRICAL IMPULSES
Jacques Bergier, Alfred Eskenazi, and André Helbronner, Lyon, France; vested in the Attorney General of the United States
Application February 26, 1943, Serial No. 477,310
2 Claims. (Cl. 177—380)



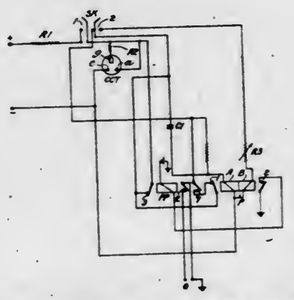
1. In a device for producing electrical impulses in number proportional to the extent of movement between relatively stationary and fixed parts of a machine, commutator discs having conducting and insulating segments, rotatably mounted side by side on said stationary part, said discs being formed with a different number of conducting segments operating to transmit controlling impulses from the commutator segments, operating connections between a movable part of said machine and one of said discs to rotate said one disc, an electromagnetic clutch carried by said discs and adapted when energized to cause the other disc to be rotated through said one disc, transmitting circuits corresponding to the respective brushes and conducting segments of the respective discs and relay circuits for energizing the transmitting circuits corresponding to said one disc and alternately energizing said clutch and the transmitting circuits corresponding to the other disc.

2,436,786
SELECTOR SWITCH MOUNTING FOR TELECOMMUNICATION SYSTEMS
Oscar J. J. Bracke, Antwerp, Belgium, assignor to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application March 1, 1943, Serial No. 477,645
In Great Britain June 20, 1939
7 Claims. (Cl. 179—27.5)



1. A selector switch bay and mounting comprising three spaced apart hollow uprights disposed between a vertical front plane and a vertical rear plane both being tangential to all said uprights and extending parallel to each other, transverse vertically spaced cross bars extending substantially in said front plane and connecting one of the two outer uprights with the central upright, a relay mounting plate disposed substantially in said front plane and connecting the other outer upright with the central upright, a plurality of vertically spaced brackets projecting forwardly from said central upright at right angles to said front plane, a vertical drive shaft carried by said bracket, vertically spaced gear wheels on said drive shaft, a multiple bank switch molding containing a plurality of superposed contact banks, said molding having contact projections on its front face and being provided on its back face with horizontal rows of terminal projections alternating with transverse grooves fitting over said cross bars, means to secure said molding without interference with the accessibility of said contact projections firmly to said first outer and central uprights, and means removably secured to said molding and adapted to carry for each contact bank a sliding brush and drive mechanism therefor, the latter including a flexible gear capable of meshing with one of the gears on said drive shaft.

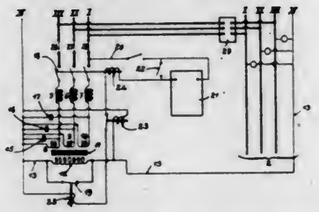
2,436,787
ARRANGEMENT FOR PRODUCING ELECTRIC IMPULSES
Frederick Harry Bray, London, England, assignor to Standard Telephones and Cables Limited, London, England, a British company
Application May 15, 1943, Serial No. 487,180
In Great Britain June 5, 1942
1 Claim. (Cl. 175—373)



In an arrangement for periodically opening and closing an electrical circuit, a source of potential, a condenser, a first non-polarized relay having two windings and normally open and normally closed contacts, a second relay having three sets of contacts, one normally open and arranged in series in said electrical circuit, another normally open and arranged in series in a final discharging circuit of said condenser, and one normally closed, means for connecting said source in series with the set of normally closed contacts of the second relay and one of said windings across the condenser to charge it, the current flowing through said winding in a given direction, means for connecting the second of said windings to said source so that the second mentioned normally closed contacts are in series therewith and current flows through said second winding in an opposite direction whereby the normally open contacts of said first relay remain open until the condenser has been charged to a predetermined level thereby causing the current flow through said first winding to diminish to a point at which the normally open contacts of said first relay are closed and its normally closed contacts are opened, and means responsive to the closing of the contacts of the first relay for actuating said second relay to open the normally

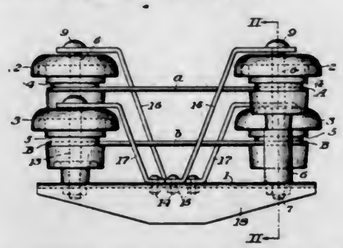
closed set of contacts thereof, thereby causing the condenser to discharge through said second winding, and to close its normally open sets of contacts in said electrical circuit and in said final discharging circuit, the normally open contacts of said first relay opening when the discharged current from said condenser falls below a predetermined value, and the normally closed contacts of said first relay closing at a second point said final discharging circuit a short time before said last mentioned circuit is opened by the deenergizing of the said second relay.

2,436,788
METHOD AND APPARATUS FOR CURVE DISTORTION OF ALTERNATING CURRENTS
Pierre Bricout, Senlis (Oise), France; vested in the Attorney General of the United States
Application April 21, 1942, Serial No. 439,904
In France April 28, 1941
5 Claims. (Cl. 175—363)



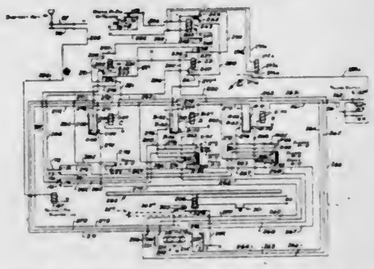
2. In an electric plant fed by three-phase alternating current, a three-phase alternating current supply having a neutral lead, a distribution network, an appliance for distorting the sinusoidal curve graphically representing said current so as to impart to said curve a trapezium-like outline, said appliance comprising three saturated choke coils each of which is interconnected to one of the respective phase leads of said supply and to an output point common to the three coils, a rectifier made up of three elements respectively connected to said leads and to a common output point connected to one terminal of the distribution network, and an injection transformer having its primary winding connected across the first-named common point and the neutral lead of the current supply and its secondary winding connected across said neutral lead and the opposite terminal of said network.

2,436,789
WIRE-TRANSPOSING DEVICE
Rogers Case, Orange, N. J.
Application March 28, 1945, Serial No. 585,320
3 Claims. (Cl. 174—33)



1. A position transposing and line balancing bracket for paired wires comprising a base, two pairs of spaced insulators mounted on the same side of the base with the said pairs of insulators located at the different diagonally opposed angles of an approximate rectangle formed by the arrangement of the said insulators, pintles supporting the said insulators rotatably with the insulators of each diagonal pair spaced from the said base equally with each other and unequally with the insulators of the other diagonal pair giving two different levels for the training of the paired wires by lateral insertion in contact with the outer surfaces of the insulators of the respective pairs in diagonally crossed and vertically spaced relation and for adjustment of the bracket along the wires with the bracket assembly depending from both the said wires, and two pairs of braces mounted with the said pairs parallel to each other on the said base and with the braces of each pair extended angularly from the upper region of the pintle of a higher insulator and a lower insulator respectively to connection with the base on the same side thereof.

2,436,790
ADDING MACHINE
Benjamin Cooper, Jersey City, N. J.
Application June 26, 1940, Serial No. 342,505
7 Claims. (Cl. 235—133)

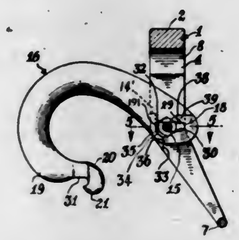


5. In a calculating machine having a pair of register wheels of adjoining denominational orders, a pair of electromagnets each for stepping one of said wheels, pulser means for energizing said electromagnets to effect entries into said wheels, reversible drive means intermediate said electromagnets and register wheels to effect additive or subtractive entries, and means for selectively conditioning said drive means; the combination of tens transfer means intermediate said register wheels comprising a transfer relay, a circuit for controlling said relay, transfer initiating contacts in said circuit closed by the wheel of lower order when in nine position, other transfer initiating contacts closed by said wheel of lower order when in zero position, further contacts in series with either of the above transfer initiating contacts and closed by the stepping electromagnet upon energization thereof to pick up said transfer relay either through said first or second transfer initiating contacts as the register wheel of lower order advances from nine to zero or zero to nine, means controlled by said drive conditioning means to selectively enable one or the other of said transfer initiating contacts, a transfer effecting circuit controlled by said relay whereby a transfer pulse is transmitted to the electromagnet of the higher order to impart an extra step to the higher order wheel, and means for holding said relay until a transfer operation of the higher order electromagnet is initiated.

2,436,791
TYPOGRAPHIC INK
Frank W. Cray, New York, N. Y., assignor to Interchemical Corporation, New York, N. Y., a corporation of Ohio
No Drawing. Application May 31, 1941, Serial No. 396,187
1 Claim. (Cl. 260—30)

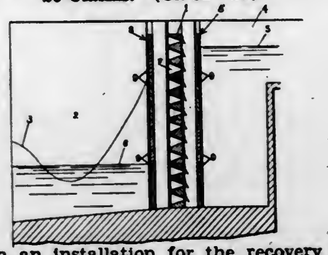
A typographic printing ink comprising pigment dispersed in a varnish consisting essentially of a phenol-formaldehyde resin soluble in difficultly volatile petroleum distillates having dimethyl sulfate values of above 6.0 and substantially insoluble in such distillates having dimethyl sulfate values below about 4.0, in sufficient ratio to the solvent used to yield an ink of desired consistency, and a solvent consisting of from 20–80% of a petroleum distillate solvent evaporating at a rate represented by a 5–95% distillation range between 220–250° C. and 275–300° C., and having a dimethyl sulfate value above about 6.0, and from 80–20% of a petroleum distillate diluent evaporating at a rate represented by a 5–95% distillation range between 230–260° C. and 320–350° C, and having a dimethyl sulfate value below about 4.0 the low dimethyl sulfate solvent having a substantially higher distillation range than the high dimethyl sulfate solvent.

2,436,792
CARGO HOOK
Noël L. Dahlander, New Milford, Pa., assignor of one-half to Robert J. Earl, Deerfield Beach, Fla.
Application September 6, 1945, Serial No. 614,775
4 Claims. (Cl. 24—241)



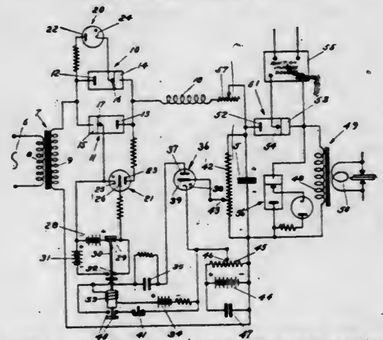
3. A cargo hook comprising a clevis and a hook element, the clevis having side bars and extensions inclined to one another, a cross-piece at the end of said extensions, a pin at the intersection of said side bars and extensions, shoulders formed on said side bars adjacent to said pin, the hook element having an extended slot at one end to receive said pin, a finger at the other end of said hook element, a lip at the end of said finger to engage said cross-piece when said hook element is in closed position, two pairs of shoulders on said hook element, one pair of shoulders cooperating with the shoulders of said clevis when said hook element is in closed position to supplement said pin should said pin snap in cargo carrying position, the other pair of shoulders on said hook element cooperating with the shoulders on said clevis to limit the opening position of said hook element, the sides of said slot being parallel with the end faces of the shoulders on said clevis and of the end faces of the shoulders on said hook element to facilitate movement of the hook element relative to said pin to release the lip from said cross-piece.

2,436,793
SEA WAVE POWER INSTALLATION
Pierre F. Danel, Grenoble, France, assignor to Ateliers Neyret-Beylier & Piccard-Pictet (Societe Anonyme), Grenoble, France
Application October 5, 1945, Serial No. 620,601
In France July 1, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires January 7, 1964
20 Claims. (Cl. 61—20)



15. In an installation for the recovery from sea waves of energy in an economically useful form, the combination of a concentrating canal having side walls diverging toward the sea for receiving the waves and increasing their amplitude as they move inwardly therein, a reservoir at the inner end of the canal, a set of vertical guideways in the inside surfaces of the side walls of the canal, an impounding gate removably mounted in said guideways for conducting water from the canal to the reservoir and preventing return flow from the reservoir to the canal, a removable and replaceable watertight barrier for preventing access of water to the gate, a second set of vertical guideways in the inner surfaces of the side walls of the canal for receiving said barrier, filler elements removable from and replaceable in said second set of guideways and presenting, when in position in said guideways, outer surfaces which lie approximately flush with and in continuation of the surface of the canal wall, and means for locking removable elements of the installation against movement in their guideways under the buffeting of the sea.

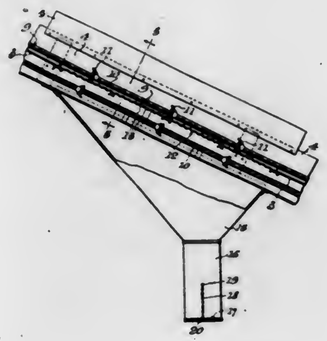
2,436,794
METHOD AND APPARATUS FOR CHARGING AN ELECTRICAL CONDENSER
John W. Dawson, West Newton, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application August 2, 1945, Serial No. 608,540
10 Claims. (Cl. 320—1)



1. The method of charging a storage condenser from an alternating current source to a potential

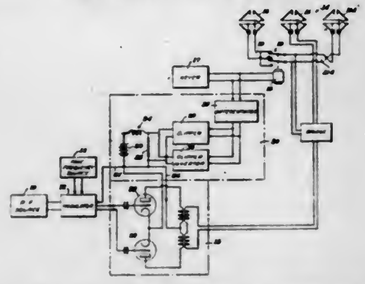
higher than the peak potential of said source comprising, applying alternating current from said source to a circuit resonant at the frequency of said source whereby the charge on said condenser alternates in direction and receives successive increments from said source, and disconnecting said condenser from said source at a time when the charge thereon is in a predetermined polarity and has attained a predetermined voltage above the voltage of said source.

2,436,795
MATERIAL CONVEYING AND SCREENING MACHINE
Raymond B. Dennis, Camp Blanding, Fla.
Application May 16, 1945, Serial No. 594,128
1 Claim. (Cl. 209—357)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



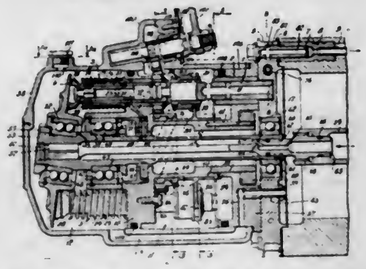
A material conveying machine comprising the combination with a carriage, of conveying mechanism supported thereon including a material receiving end and a delivery end and having a floor and side walls, a screen section positioned between the mid-point of the conveyor frame and the delivery end thereof and forming a portion of the floor, an endless flight conveyor including spaced, upstanding, rigidly mounted flight paddles having plane conveying surfaces operatively arranged on the frame and extending entirely across the floor transversely thereof for conveying material from the receiving end over the screen to tne delivery end, whereby the material is screened prior to reaching the delivery end, the screen being provided with a plurality of spaced transversely extending corrugations crossing the screen in one transverse direction only, the corrugations having their crests parallel to the conveying surfaces of the flight paddles and having aligned perforations therein disposed along the crest of each corrugation, whereby the material is given a rippling motion as it is conveyed over each corrugation of the screen by the flight paddles, thereby agitating the material for separating certain size material from the remainder thereof, the flight paddles moving across the screen in a plane continuously parallel to the plane of the crests of the corrugations.

2,436,796
KEYED RADIO BEACON
Louis A. De Rosa, West Brighton, Staten Island, N. Y., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application December 6, 1943, Serial No. 513,097
19 Claims. (Cl. 250—11)



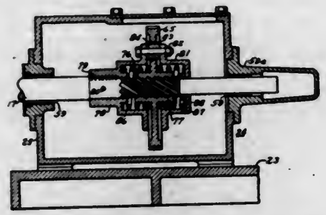
1. A directive radio system comprising an energy translator, a directive antenna means, keying means for alternately coupling said translator to said directive antenna means in different energy transfer relationship for predetermined intervals to provide radiant action over patterns alternately overlapping a predetermined zone in space to provide a direction indication, and means responsive to each operation of said keying means for increasing the amplitude level of said energy applied to said antenna means at the beginning and end of each of said intervals.

2,436,797
FUEL INJECTION PUMP
Desire J. Deschamps, Rutherford, and Douglas C. Clarke, Mountain Lakes, N. J., and Frank E. Ferguson, Bronxville, N. Y., assignors to Deschamps Fuel Injection Corporation, New York, N. Y., a corporation of New York
Application December 27, 1943, Serial No. 515,696
11 Claims. (Cl. 103—173)



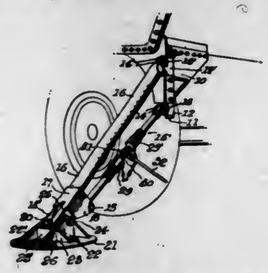
1. In a fuel injection pump, a mounting plate for attaching the pump to the engine, a plurality of pumping units each including a cylinder, a plunger cooperating therewith and a tappet mechanism for operating said plunger, a common support for said cylinders and tappet mechanisms, said support being secured to said mounting plate, actuating means for said tappet mechanisms, and a removable cover member secured to said mounting plate enclosing said pump mechanism, said pumping units and said actuating means being supported on said common support and independently of said cover member.

2,436,798
GEAR MECHANISM
James Dunlop, Ridgewood, N. J., assignor, by mesne assignments, to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 16, 1943, Serial No. 514,519
5 Claims. (Cl. 64—27)



1. In a gear mechanism, a shaft, a gear wheel rotatably mounted on the shaft by a high helical angle screw thread, said gear wheel having a plurality of slots in its web, a pair of collars mounted on the shaft, one on each side of the gear wheel and spaced a predetermined distance therefrom, a plurality of bolts disposed through the collars and the slots in the gear wheel for limiting the relative rotative motion between the gear wheel and the shaft, means for fixing the collars on the shaft, and springs disposed between the collars and the gear wheel for biasing the gear wheel to a position midway between the collars.

2,436,799
OUTRIGGER TYPE SUPPORT
Lester P. Frost, United States Army, Fort Belvoir, Va.
Application July 7, 1945, Serial No. 603,729
2 Claims. (Cl. 188—7)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



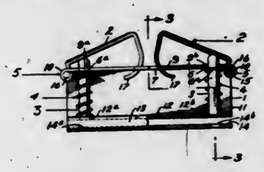
1. An outrigger support comprising a structure, a bracket mounted on said structure, a vertically extending shaft mounted on said bracket, spaced and vertically aligned sleeves mounted to rotate horizontally on said vertical shaft, an outrigger arm, an outrigger adjusting arm in the same vertical plane as said outrigger arm, horizontally extending pivot pins carried by said sleeves, the inner end of one of each of said arms pivotally mounted on one of each of said pins on said sleeves whereby the outer ends of said arms may be moved vertically upward on and horizontally with said sleeves on said vertical shaft, a foot, a casting pivotally mounted on said foot, said casting including a central bore and two sets of ears, said sets of ears extending in different planes, a hanger block fitted into one of said sets of ears, the outer end of said outrigger arm rigidly mounted in said central bore and the outer end of said outrigger adjusting arm pivotally connected to said other set of ears, and means mounted on and adapted to selectively extend and contract said adjusting arm for raising or lowering the outer end of said outrigger arm.

2,436,800
ADJUSTABLE STANCHION
Louis V. Fryzel and Rudolph Frohner, New York, N. Y.
Application August 24, 1945, Serial No. 612,518
7 Claims. (Cl. 248—354)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



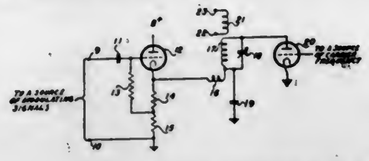
1. In combination, an adjustable support for temporarily holding and supporting fittings, said support having a longitudinal axis and providing an upper plane surface normal to said axis, means providing a second plane surface at a predetermined angle with the first-mentioned surface, and levelling means on said second plane surface whereby, when said axis is adjusted to bring said second surface into a horizontal position, said upper surface is at the predetermined angle with the horizontal.

2,436,801
PRACTICAL PAPER PERFORATOR
James Gasio, Los Angeles, Calif.
Application June 23, 1945, Serial No. 601,221
9 Claims. (Cl. 164—91)



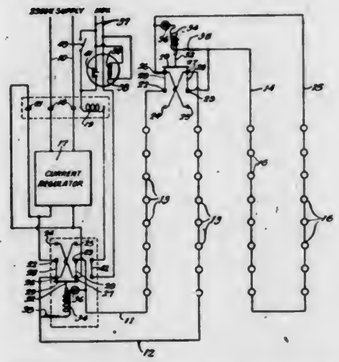
1. In a perforator, a frame member of modified S-shape configuration comprising top, intermediate and lower lateral runs separated by vertical runs, a pair of perforating elements guided for reciprocation in said top and intermediate runs, die elements in said bottom run cooperating with said perforating elements, and a pair of levers pivoted to said top run constructed and arranged to operate said perforating elements.

2,436,802
SYSTEM OF MODULATION UTILIZING A CATHODE FOLLOWER
Jack M. Giessner, Dayton, Ohio
Application September 4, 1945, Serial No. 614,341
4 Claims. (Cl. 179—171.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



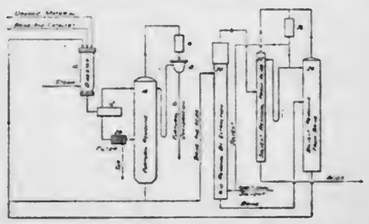
1. A modulation circuit comprising a source of modulating signals, a first vacuum tube having an anode, a cathode, and at least one control electrode, said electrode being connected to said source, a cathode resistor grounding said cathode, a second vacuum tube having an anode, a cathode, and at least one control electrode, a source of carrier frequency connected to the control electrode of said second tube, and a coupling circuit between the plate of said second tube and said cathode resistor, whereby said resistor furnishes varying anode potential for said second tube for varying the amplitude of said carrier frequency in said coupling circuit.

2,436,803
ELECTRIC CONTROL SYSTEM
Eugene H. Haug, Chicago, Ill., assignor to La Salle National Bank, Chicago, Ill., as trustee
Application August 23, 1943, Serial No. 499,597
1 Claim. (Cl. 171—119)



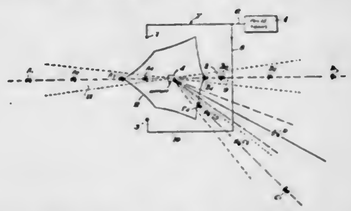
An electric control system for controlling connection of a source to a plurality of load circuits comprising a constant current regulator connected to the source, a protector switch with auxiliary contacts connecting the regulator to the first load circuit, said protector switch having a normal position in which it connects the regulator to the first load circuit and an off position in which it short circuits the regular output and the first load circuit, means responsive to the voltage across the first load circuit to control operation of the protector switch, a second protector switch having a normal position in which it connects the first and second load circuits in series and an off position in which it short circuits the second load circuit, and means responsive to the voltage across the second load circuit to control operation of the second protector switch.

2,436,804
PROCESS OF RECOVERING ORGANIC COMPOUNDS
John Stanley Hill, Laurel, Miss., assignor to Masonite Corporation, Laurel, Miss., a corporation of Delaware
Application July 19, 1943, Serial No. 495,383
11 Claims. (Cl. 260—347)



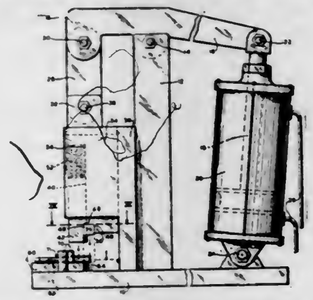
1. Process of manufacturing furfural and organic acids from material from which furfural, acetic and formic acids can be produced, which comprises the step of incorporating water-soluble metal-salt brine with said material, subjecting said material and brine to acid digestion, condensing and recovering the furfural produced, and treating the brine-containing organic acid with solvent material highly soluble in water to separate the mixed organic acid from the brine.

2,436,805
RADIO INDICATING SYSTEM
Ross B. Hoffman, Glen Ridge, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application October 2, 1944, Serial No. 556,719
6 Claims. (Cl. 250—11)



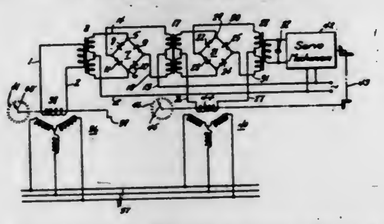
1. In a radio navigation system for aircraft incoming over a plurality of different courses to a common airport, a system for indicating the limit to which aircraft may approach said airport, comprising a plurality of radiators spaced about said airport, a radio pulses transmitter, means for coupling said transmitter to said antennas to simultaneously transmit the radio pulses to provide a composite pulse pattern about said airport, the transmitted pulses having a given spacing in a regular pattern about said airport, and indicator means on said aircraft for indicating the effective time spacing of the received pulses to provide an indication of said limit of approach, said indicator means comprising means responsive to the pulse first received for initiating a deblocking wave having a duration substantially equal to the greatest spacing of the pulses of said composite pattern, delay means for giving to said deblocking wave a delay substantially equal to said given spacing, mixer means for mixing said deblocking wave and said received pulses to provide a resultant wave, and an indicator responsive to said resultant wave.

2,436,806
FORMING AND SHEARING DEVICE
Everett M. Hunt, Portsmouth, N. H.
Application September 27, 1945, Serial No. 619,003
1 Claim. (Cl. 153—2)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



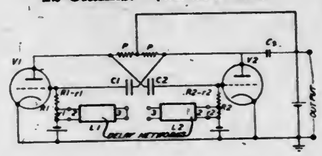
Apparatus for attaching a cleat to a handle and for substantially simultaneously shearing said cleat to the desired shape comprising, a frame having a power operated slide mounted for reciprocatory movement thereon, an anvil on said frame in alignment with said slide for supporting said handle and said cleat in cooperative relation therewith, said cleat being formed from a rectangular workpiece and having a U-shape, said handle being positioned within said U-shaped cleat, shearing means on said anvil, a forming member yieldingly mounted within said slide, and a second shearing means mounted on said slide, said anvil coacting with said forming member as it is pressed against the cleat to crimp said cleat about said handle, and then further holding said cleat in correct position for said shearing means to shear coactively said cleat to the desired shape upon further advance of said slide.

2,436,807
ELECTRICAL FOLLOW-UP SYSTEM
Eric J. Isbister, Brooklyn, N. Y., assignor to The Sperry Corporation, a corporation of Delaware
Application December 9, 1939, Serial No. 308,374
14 Claims. (Cl. 318—30)



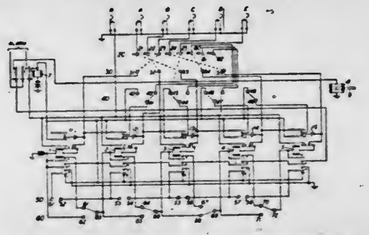
1. A synchro-transmitter-receiver system having a synchro-transmitter and synchro-receiver operating at a non-commercial frequency, a modulator fed from said synchro-transmitter, means for supplying a constant phase and magnitude commercial modulating frequency to said modulator, a demodulator fed from said modulator and supplied from said synchro-receiver with a demodulating potential, and a servo mechanism controlled from said demodulator, said servo mechanism being connected for operating said synchro-receiver for movement in synchronism with said synchro-transmitter.

2,436,808
MULTIVIBRATOR
Bent Bülow Jacobsen and Maurice Moise Lévy, London W. C. 2, England, assignors to Standard Telephones and Cables Limited, London, England, a British company
Application June 2, 1942, Serial No. 445,510
In Great Britain July 8, 1941
12 Claims. (Cl. 250—36)



1. A thermionic multivibrator for generating regularly repeated rectangular electrical impulses of short duration comprising two thermionic valves each having an anode, a cathode and at least one control electrode, the control grid of each valve being connected to the anode of the other valve with a timing condenser in said connection, a timing resistance connected between each control grid and the ground, a common source of anode potential for said valves, means for applying a biasing potential to said control grids, individual resistances being interposed between said common source and each anode, and a delay network for stabilizing the operation of said multivibrator and operated by impulses generated by said multivibrator without any other source of electric power, said network being connected to receive impulses generated by one of said valves and, after a predetermined interval, to deliver said impulses to one of said valves.

2,436,809
ELECTRIC COMBINATION LOCK
Amos E. Joel, Jr., New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 19, 1945, Serial No. 594,765
3 Claims. (Cl. 70—278)



1. An electric combination lock comprising a plurality of keys, a series of relays, lock control means responsive to the simultaneous operation of said series of relays, means for cross-connecting said keys and said relays to render said relays

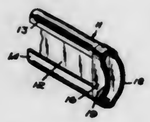
operable in response to the operation of said keys, means responsive to the operation of each relay to prepare an operating circuit for a succeeding relay, and means to cause certain of said relays to prepare the circuits of a plurality of succeeding relays.

2,436,810
KNIFE SHARPENER
George M. Jones, Jenkintown Manor, Pa., assignor to Luxor Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application November 1, 1945, Serial No. 626,008
2 Claims. (Cl. 76—87)



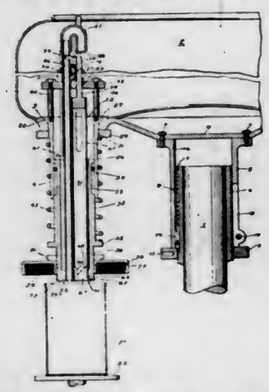
1. A knife-sharpener including a one-piece support of sheet-metal comprising a flat elongated base, a disc-supporting portion formed at an acute angle with said base and separated therefrom by a fold-line extending substantially more than half the length of said base, said portion being centrally-notched to provide a pair of side-by-side co-planar disc-supporting members, a disc-supporting boss formed integrally on each of said members, and a disc-retaining ear formed integrally on the outer edge of each of said members; and including a pair of centrally-apertured sharpening discs rotatably mounted on said bosses in co-planar relationship, said discs having cylindrical sharpening edges disposed in abutting relationship at the notch of said disc-supporting portion, said ears being folded around said discs generally in diametrically-opposed relationship to the point of abutment and serving to retain said discs upon said bosses in vertically immovable and uncantable position.

2,436,811
CURTAIN ROD OR SIMILAR ARTICLE
George M. Kenney, Cranston, and John F. Cavanagh, Providence, R. I., assignors to Kenney Manufacturing Company, Cranston, R. I., a corporation of Rhode Island
Application October 31, 1945, Serial No. 625,746
4 Claims. (Cl. 211—105.2)



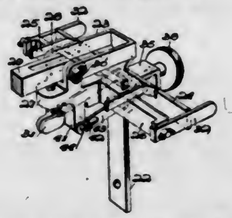
3. A telescopic curtain rod comprising inner and outer rod sections each having substantially flat front and rear walls, and a guard of U-shape in cross section and continuous in end elevation embracing the inner end of said outer rod section and permanently assembled therewith, said guard including substantially flat front and rear walls the leading edge of at least one of which is convexly rounded both transversely and as viewed in side elevation to facilitate entering of the outer rod section into, and its passage through, a rod accommodating pocket in the heading of a curtain.

2,436,812
FILLING MACHINE
Charles E. Kerr, Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware
Application May 12, 1944, Serial No. 535,252
20 Claims. (Cl. 226—98)



17. In a container filling machine having a vertically movable container support for raising and lowering a container to be filled, a filling valve, a movable filling tube within said valve, and means cooperatively associated with said valve and tube and responsive to the upward movement of the container for moving the filling tube downwardly with respect to said valve into the container upon upward movement of the container by said support toward said valve.

2,436,813
SWINGING SCAFFOLD
Rolph J. Lackner, Richmond Hill, N. Y., assignor to Emma H. Lackner, Richmond Hill, N. Y.
Application October 7, 1946, Serial No. 701,701
5 Claims. (Cl. 304—19)

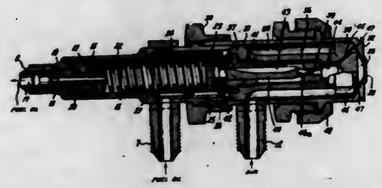


3. A safety device for swinging scaffolds including a fixed jaw and a movable jaw disposed at opposite sides of the scaffold suspending rope and normally free thereof, a pivoted lever movable upwardly away from the movable jaw independently thereof and downwardly to operatively coact with said movable jaw for rocking the same toward the fixed jaw to clamp said rope therebetween, means for supporting said jaws and the lever from a pulley block of the scaffold, a connection between the free end of said lever and an end of the scaffold platform whereby dropping of said end of the platform will cause actuation of the movable jaw to grip the suspending rope between said jaws, locking mechanism for the movable jaw carried by said means and including a manually rotatable screw shaft, a crosshead screwed on said shaft and shiftable by turning the shaft, and a connection between said crosshead and the movable jaw operable as the crosshead is shifted for swinging the movable jaw toward the fixed jaw independently of said lever and clamping the rope between the jaws.

2,436,814
ORTHO-TOLIDINE TABLET COMPOSITION
James L. Leitch, Bel Air, Md.
No Drawing. Application June 8, 1943, Serial No. 490,055
7 Claims. (Cl. 252—408)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

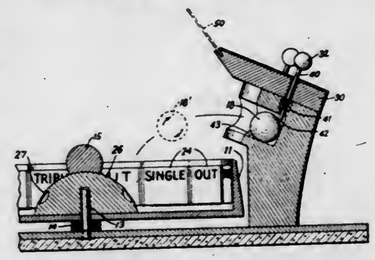
1. An ortho-tolidine tablet composition adapted to be used in determining the residual chlorine content of a water sample, which consists essentially of: ortho-tolidine dihydrochloride; a sufficient amount of alkali metal acid sulfate in predetermined proportion to the ortho-tolidine content so that, when a sufficient amount of ortho-tolidine in tablet form is added to said water sample whereby upon reaction thereof with the residual chlorine therein only the partial oxidation product of the ortho-tolidine will be formed as distinguished from the completely oxidized product thereof, the alkali metal acid sulfate will be sufficient to impart to said water sample an acidity of at least pH 2; and, sufficient non-alkaline inert filler material to give mass to tablets made from said tablet composition and serve as a binder for the active ingredients thereof; said non-alkaline inert filler material being non-reactive with either the residual chlorine or the ortho-tolidine.

2,436,815
PRESSURE OPERATED VALVE
Walter O. Lum, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application March 15, 1944, Serial No. 526,584
4 Claims. (Cl. 137—153)



1. In a variable pressure wide-range fluid metering device, the combination of a casing having walls forming a bore including an inlet chamber and a fluid control opening and a discharge opening in series flow relation, an axially slidable metering pin disposed in the bore and adapted to project at least partially into and cooperate with the discharge opening, said metering pin having a first portion cooperating with the discharge opening to form a positive shut-off valve and a second axially spaced portion shaped to define with the fluid control opening a variable area metering orifice in series flow relation with the shut-off valve, means responsive to pressure in the inlet chamber for positioning the metering pin to consecutively open the shut-off valve and then vary the size of the metering orifice as a predetermined function of increasing inlet chamber pressure, said pressure responsive means including a piston connected to the metering pin and slidably disposed in said bore with an outer end surface subjected to fluid inlet pressure tending to move the piston toward metering position, means biasing the piston to valve-closing position, means for adjusting said biasing means, the shape of said second portion of the metering pin being so related to the fluid control opening that a metering orifice is formed only during the occurrence of a pressure in the inlet chamber above a preselected minimum value, and passage means associated with the casing and piston for by-passing fluid to equalize the pressure difference across the piston throughout a limited range of positions adjacent the valve-closed position, whereby the piston is caused to move quickly between the valve-closed position and the minimum flow metering position.

2,436,816
BASEBALL GAME
Maxmillian C. Meyer, Brooklyn, N. Y.
Application August 21, 1943, Serial No. 499,522
7 Claims. (Cl. 273—93)

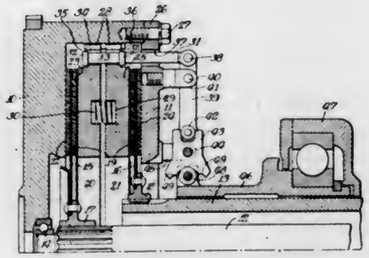


3. In a baseball game in which a ball is propelled into a wheel element containing a plurality of separate compartments, which wheel element is adapted to be rotated, a pitching and batting stand rising above and positioned adjacent to said wheel element and being mounted on a support, said stand having on opposite sides a pitching side and a batting side, said pitching side being concealed from said batting side, a plurality of holes in the pitching side facing said wheel element, said ball being adapted to be placed in any one of said holes, a plurality of plungers on the batting side one plunger for each of said holes, each of said plungers being yieldably supported so that the tapping of a selected plunger moves one end of said plunger into its respective hole and thereby expels the ball from the hole into said wheel element.

2,436,817
CLUTCH ACTUATING MECHANISM
Kay Miller, Kalamazoo, Mich., assignor, by mesne assignments, to Dana Corporation, Toledo, Ohio, a corporation of Virginia
Original application December 8, 1941, Serial No. 422,045. Divided and this application July 22, 1944, Serial No. 546,171
19 Claims. (Cl. 192—68)

1. In a friction clutch, the combination of a flywheel constituting the driving element, a clutch

disk constituting the driven element, a pressure plate for engaging the clutch disk with the flywheel and comprising relatively axially movable parts, spring means caged between said pressure plate parts in preloaded condition, one or more pressure plate actuating members having a lost motion operating connection with said axially movable parts so as to permit movement relative to one of said parts upon movement with the



other of said parts in engagement and disengagement of the clutch, said spring means normally maintaining the lost motion connection in fully extended condition, said members extending from the pressure plate to engage the clutch and further compress the aforesaid spring means so that the clutch is engaged resiliently under increased spring pressure, and clutch engaging means cooperating with said actuating members to move the pressure plate.

2,436,818

COSMETIC PREPARATIONS

Sidney Musher, New York, N. Y., assignor to Musher Foundation Incorporated, New York, N. Y., a corporation of New York

No Drawing. Application May 11, 1945, Serial No. 593,324

10 Claims. (Cl. 167—91)

3. A cosmetic preparation comprising as one of the ingredients an emollient and as another ingredient a small amount of the finely divided coarse fraction of dehulled oats, said finely divided coarse fraction being substantially free of those particles which will go through a 60 mesh screen when the dehulled oats are ground to a fineness that will permit a major proportion thereof to pass through a 60 mesh screen, said fraction in combination with the emollient having a general soothing effect, a high covering power, lubricating properties, a mild bleaching effect and a combined adhesiveness not characteristic of oat flour and oat meal.

2,436,819

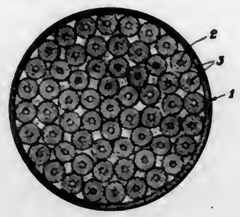
METHOD OF FORMING GLASS BEADS

Samuel W. Neidorf, Nutley, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware

Application June 23, 1944, Serial No. 541,768

7 Claims. (Cl. 125—12)

6. A method of simultaneously segmenting a plurality of glass tubes into beads of uniform size and shape comprising assembling the tubes in parallel fashion in a container, introducing into the container a cementitious material comprising a water-soluble synthetic polymer in sufficient quantity and in such a manner to fill up the air spaces within said container and thereby prevent the slipping and vibration of the tubes, cutting through said mass of material and tubes intermediate the ends thereof to transform said tubes into beads of desired length, washing the



cut beads with water to dissolve the cementitious material and to separate the beads from one another and removing the water containing the dissolved material from said beads.

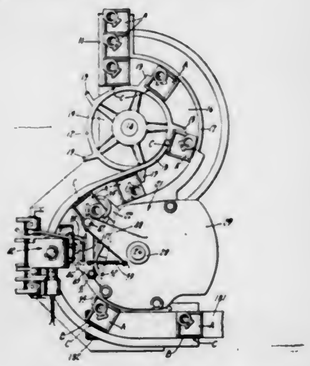
2,436,820

MEANS FOR FEEDING ARTICLES TO BE MARKED

Ronald E. J. Nordquist, Maplewood, and Herbert F. Cox, Jr., Summit, N. J., assignors to American Can Company, New York, N. Y., a corporation of New Jersey

Original application June 29, 1940, Serial No. 343,296. Divided and this application September 13, 1944, Serial No. 553,936

5 Claims. (Cl. 101—44)



1. In a mechanism for feeding containers through a machine wherein the containers are successively treated at a fixed station, the combination of means for continuously advancing the containers in processional order along a path of travel, a plurality of rotatable container propelling arms for successively engaging the containers during their advancement, means for periodically moving said arms relative to said advancing means to accelerate the movement of a said container into position at said station sufficiently in advance of a succeeding container to establish a time interval for the treating operation, and means at said station operating in timed relation to said advancing and accelerating means for temporarily holding said container stationary for the treating operation.

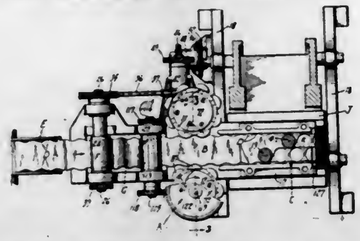
2,436,821

FEEDING AND GAUGING MECHANISM

Ronald E. J. Nordquist, Maplewood, N. J., assignor to American Can Company, New York, N. Y., a corporation of New Jersey

Application June 28, 1944, Serial No. 542,564

6 Claims. (Cl. 271—2.4)



1. In a mechanism for accurately feeding a strip having an undulated edge as an incident to preparing articles therefrom, the combination of spaced turrets located at opposite edges of said strip, a said turret having radially movable means thereon for fitting into the adjacent undulated edge and for gauging the position of said strip, means for moving said radially movable means into engagement with opposite edges of the strip, and means for intermittently rotating a said turret to accurately advance said strip by its engaged undulated edge, said turret holding the strip in a definite position in between its intermittent rotations for preparation of said articles.

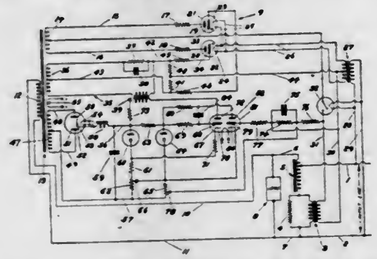
2,436,822

STABILIZER FOR ALTERNATING-CURRENT LINE REGULATORS

Paul H. Odessey, Great Neck, N. Y., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware

Application February 10, 1945, Serial No. 577,273

7 Claims. (Cl. 323—89)



1. In a circuit for stabilizing the operation of the control means of an A.-C. line regulating system, means for comparing the magnitude of the A.-C. output of said system with a reference potential established therein, and deriving therefrom a variable D. C. proportional to the difference therebetweeen, comprising: means for rectifying a portion of said A.-C. output; an automatically variable impedance, receptive of the output of said rectifying means, and presenting a constant voltage drop thereacross; a second automatically variable impedance in series with a fixed impedance, connected in shunt with said first automatically variable impedance, likewise receptive of the output of said rectifying means, and presenting a variable potential, at the junction of said series connection, in response to fluctuations in said A.-C. output; and an electronic discharge device having its input connected across the series network including said fixed impedance and said first automatically variable impedance, whereby the difference between said variable potential and said constant voltage drop is applied thereto and amplified thereby.

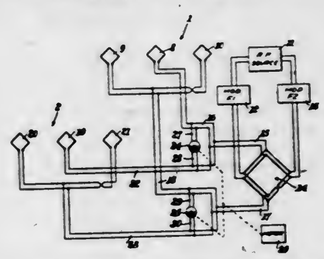
2,436,823

COURSE MODIFYING SYSTEM

Sidney B. Pickles, Jackson Heights, N. Y., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware

Application July 7, 1945, Serial No. 603,689

11 Claims. (Cl. 250—11)



1. In a radio beacon system of the type wherein a course is defined by directively transmitted radio signals, a system for reducing interference effects caused by reradiating objects in the path of said radiated signals, comprising a second radio beacon spaced from the first beacon a distance at least one-half a wavelength at the operating radio frequency, a modulated signal source, and means for effectively coupling said signal source successively to said first beacon and said second beacon.

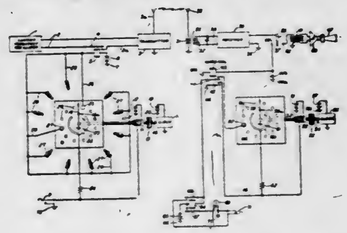
2,436,824

RADIO PAGING FOR VEHICLES

Ralph K. Potter, Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

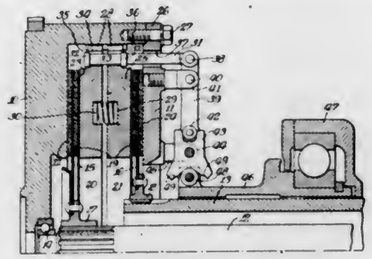
Application December 22, 1944, Serial No. 569,347

12 Claims. (Cl. 250—6)



1. A radio message receiver and announcing system comprising radio receiver apparatus having output terminals, a selector having a movable contactor, a message translator, a constantly operating motor, an announcing device, means responsive to a first pulsed signal received by said radio receiver for causing the selector to mechanically connect the movable contactor to the motor, means responsive to a second pulsed signal received by said radio receiver at a predetermined interval after the preceding signal to en-

disk constituting the driven element, a pressure plate for engaging the clutch disk with the flywheel and comprising relatively axially movable parts, spring means caged between said pressure plate parts in preloaded condition, one or more pressure plate actuating members having a lost motion operating connection with said axially movable parts so as to permit movement relative to one of said parts upon movement with the



other of said parts in engagement and disengagement of the clutch, said spring means normally maintaining the lost motion connection in fully extended condition, said members extending from the pressure plate to engage the clutch and further compress the aforesaid spring means so that the clutch is engaged resiliently under increased spring pressure, and clutch engaging means cooperating with said actuating members to move the pressure plate.

2,436,818

COSMETIC PREPARATIONS

Sidney Musher, New York, N. Y., assignor to Musher Foundation Incorporated, New York, N. Y., a corporation of New York

No Drawing. Application May 11, 1945, Serial No. 593,324

10 Claims. (Cl. 167—91)

3. A cosmetic preparation comprising as one of the ingredients an emollient and as another ingredient a small amount of the finely divided coarse fraction of dehulled oats, said finely divided coarse fraction being substantially free of those particles which will go through a 60 mesh screen when the dehulled oats are ground to a fineness that will permit a major proportion thereof to pass through a 60 mesh screen, said fraction in combination with the emollient having a general soothing effect, a high covering power, lubricating properties, a mild bleaching effect and a combined adhesiveness not characteristic of oat flour and oat meal.

2,436,819

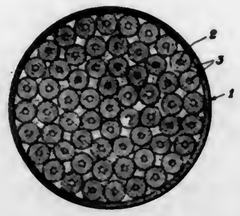
METHOD OF FORMING GLASS BEADS

Samuel W. Neidorf, Nutley, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware

Application June 23, 19[illegible]4, Serial No. 541,768

7 Claims. (Cl. 125—12)

6. A method of simultaneously segmenting a plurality of glass tubes into beads of uniform size and shape comprising assembling the tubes in parallel fashion in a container, introducing into the container a cementitious material comprising a water-soluble synthetic polymer in sufficient quantity and in such a manner to fill up the air spaces within said container and thereby prevent the slipping and vibration of the tubes, cutting through said mass of material and tubes intermediate the ends thereof to transform said tubes into beads of desired length, washing the



cut beads with water to dissolve the cementitious material and to separate the beads from one another and removing the water containing the dissolved material from said beads.

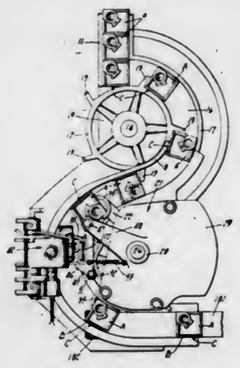
2,436,820

MEANS FOR FEEDING ARTICLES TO BE MARKED

Ronald E. J. Nordquist, Maplewood, and Herbert F. Cox, Jr., Summit, N. J., assignors to American Can Company, New York, N. Y., a corporation of New Jersey

Original application June 29, 1940, Serial No. 343,296. Divided and this application September 13, 1944, Serial No. 553,936

5 Claims. (Cl. 101—44)



1. In a mechanism for feeding containers through a machine wherein the containers are successively treated at a fixed station, the combination of means for continuously advancing the containers in processional order along a path of travel, a plurality of rotatable container propelling arms for successively engaging the containers during their advancement, means for periodically moving said arms relative to said advancing means to accelerate the movement of a said container into position at said station sufficiently in advance of a succeeding container to establish a time interval for the treating operation, and means at said station operating in timed relation to said advancing and accelerating means for temporarily holding said container stationary for the treating operation.

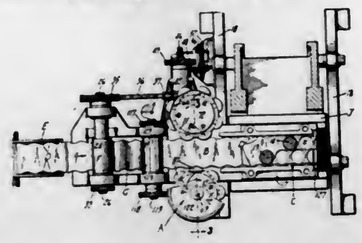
2,436,821

FEEDING AND GAUGING MECHANISM

Ronald E. J. Nordquist, Maplewood, N. J., assignor to American Can Company, New York, N. Y., a corporation of New Jersey

Application June 28, 1944, Serial No. 542,564

6 Claims. (Cl. 271—2.4)



1. In a mechanism for accurately feeding a strip having an undulated edge as an incident to preparing articles therefrom, the combination of spaced turrets located at opposite edges of said strip, a said turret having radially movable means thereon for fitting into the adjacent undulated edge and for gauging the position of said strip, means for moving said radially movable means into engagement with opposite edges of the strip, and means for intermittently rotating a said turret to accurately advance said strip by its engaged undulated edge, said turret holding the strip in a definite position in between its intermittent rotations for preparation of said articles.

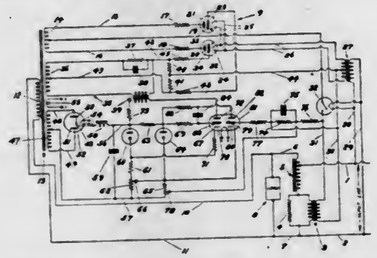
2,436,822

STABILIZER FOR ALTERNATING-CURRENT LINE REGULATORS

Paul H. Odessey, Great Neck, N. Y., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware

Application February 10, 1945, Serial No. 577,273

7 Claims. (Cl. 323—89)



1. In a circuit for stabilizing the operation of the control means of an A.-C. line regulating system, means for comparing the magnitude of the A.-C. output of said system with a reference potential established therein, and deriving therefrom a variable D. C. proportional to the difference therebetweeen, comprising: means for rectifying a portion of said A.-C. output; an automatically variable impedance, receptive of the output of said rectifying means, and presenting a constant voltage drop thereacross; a second automatically variable impedance in series with a fixed impedance, connected in shunt with said first automatically variable impedance, likewise receptive of the output of said rectifying means, and presenting a variable potential, at the junction of said series connection, in response to fluctuations in said A.-C. output; and an electronic discharge device having its input connected across the series network including said fixed impedance and said first automatically variable impedance, whereby the difference between said variable potential and said constant voltage drop is applied thereto and amplified thereby.

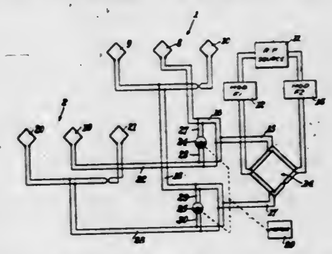
2,436,823

COURSE MODIFYING SYSTEM

Sidney B. Pickles, Jackson Heights, N. Y., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware

Application July 7, 1945, Serial No. 603,689

11 Claims. (Cl. 250—11)



1. In a radio beacon system of the type wherein a course is defined by directively transmitted radio signals, a system for reducing interference effects caused by reradiating objects in the path of said radiated signals, comprising a second radio beacon spaced from the first beacon a distance at least one-half a wavelength at the operating radio frequency, a modulated signal source, and means for effectively coupling said signal source successively to said first beacon and said second beacon.

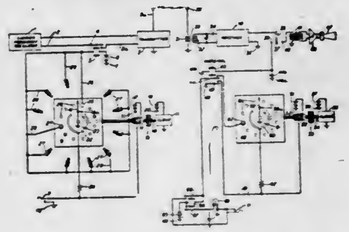
2,436,824

RADIO PAGING FOR VEHICLES

Ralph K. Potter, Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application December 22, 1944, Serial No. 569,347

12 Claims. (Cl. 250—6)



1. A radio message receiver and announcing system comprising radio receiver apparatus having output terminals, a selector having a movable contactor, a message translator, a constantly operating motor, an announcing device, means responsive to a first pulsed signal received by said radio receiver for causing the selector to mechanically connect the movable contactor to the motor, means responsive to a second pulsed signal received by said radio receiver at a predetermined interval after the preceding signal to en-

able the motor-driven movable contactor of the selector to actuate the announcing device and means whereby the selector or the message translator may be alternatively connected to said output terminals.

2,436,825
SUPEROPAQUE ENAMEL
Harold D. Prior, Plainfield, N. J., assignor to The Titanium Alloy Manufacturing Company, New York, N. Y., a corporation of Maine
No Drawing. Application May 24, 1946, Serial No. 672,164
3 Claims. (Cl. 106—48)

1. A composition suitable for vitreous enamels comprising 3–6% Na_2O, 1–5% K_2O, 3–5% Li_2O, 1–3% BaO, 1–5% CaO, 5–7% ZnO, 7–9% B_2O_3, 20–25% Al_2O_3, 22–25% P_2O_5, 7–15% SiO_2, 3–5% F_2 and 6–10% ZrO_2.

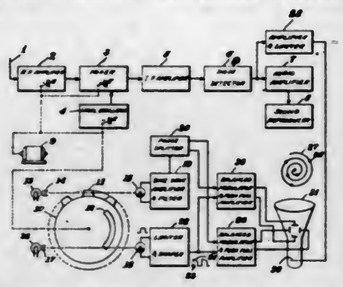
2,436,826
PRIMER
Eugene D. Regad and Andrew T. Anderson, Dover, N. J.
Application September 15, 1942, Serial No. 458,443
4 Claims. (Cl. 102—86.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A laminated primer tube consisting of an elongated hollow cylinder having as sidewalls a single continuous sheet of flexible material spirally wound upon itself in layers, said sidewalls having areas of lesser thickness than the remaining portions whereby the areas having the lesser thickness will be ruptured by the primer blast to permit passage of the primer flash.

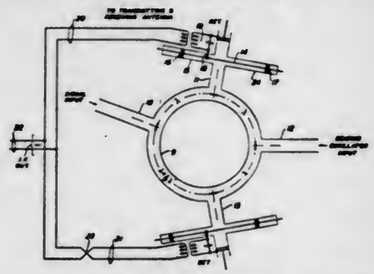
2,436,827
CHANNEL IDENTIFYING SYSTEM
Avery G. Richardson, Boonton, and Milton Dishal and Jesse S. Le Grand, Nutley, N. J., assignors to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application March 9, 1946, Serial No. 653,266
18 Claims. (Cl. 315—24)

1. A cathode ray tube having a screen and beam deflecting means; and means producing a spiral trace on said screen comprising light-emitting means, a first and second photoelectric means, a member mounted for cyclic motion adapted to periodically direct light from the light-emitting means to said first and second photoelectric means, means coupled to said beam deflecting means and controlled by said first photoelectric means for producing voltages tending to form a circular trace on said screen, and means controlled by said second photoelectric



means for modulating said voltages to produce a spiral trace.

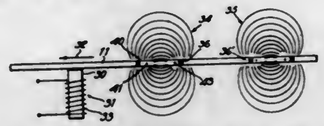
2,436,828
COUPLING ARRANGEMENT FOR USE IN WAVE TRANSMISSION SYSTEMS
Douglas H. Ring, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 31, 1942, Serial No. 470,812
4 Claims. (Cl. 250—20)



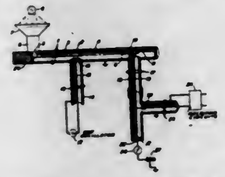
1. In combination in a wave transmission system, a tubular uni-conductor forming a closed transmission loop, four branch transmission circuits connected symmetrically thereto at spaced points around the loop, each by a series electrical connection, one of said branch transmission circuits comprising a source of signal waves of given frequency feeding into said loop, a second branch transmission circuit comprising a source of beating waves of different frequency feeding into said loop, and at least one of the two other branch transmission circuits including means for combining the portions of said signal waves and said beating waves diverted therein from said loop and means for making the relative electrical characteristics of the portions of the looped conductor connecting said four branch transmission circuits such that each of said two other branch circuits will receive part of the wave power impressed on said loop by said one or said second branch circuit and the fourth branch circuit will receive substantially none of this wave power.

2,436,829
BIPOLAR MAGNETIC CONTROL RECORD
Robert I. Roth, Hawthorne, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application January 31, 1945, Serial No. 575,511
7 Claims. (Cl. 235—61.12)

1. In a control record for a record controlled machine having a monopolar reading device, the record being read by relative motion of the record and the reading device, a sheet of generally non-magnetized material having significantly located discrete bipolar magnetic spots, the axes of the spots being in the plane of the sheet and parallel to the direction of relative motion of the record and the reading device.



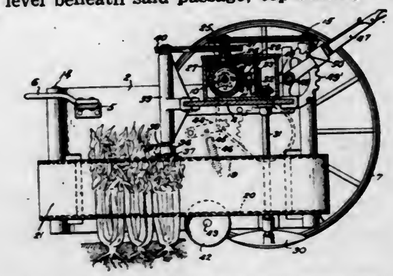
2,436,830
TRANSMISSION SYSTEM AND METHOD
William M. Sharpless, Fair Haven, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application April 19, 1943, Serial No. 483,607
7 Claims. (Cl. 250—20)



3. The combination in a system for converting signal waves of high-frequency into signal waves of intermediate frequency of a converter comprising input sections, a converting section, and an output section all physically joined to form a unitary structure, a source of high-frequency signal waves, a source of beat-frequency waves, means for connecting said sources to said input sections, a translating element removably attached to said converting section, coupling means for conducting the waves in said input sections by way of the converting section to said translating element, the length of said converting section being chosen to tune it to said high-frequency waves, by-pass means near the junction of the converting and output sections for excluding the high-frequency waves from said output section, the length of said output section being chosen to bring the end thereof into coincidence with the nodal point of the intermediate frequency waves therein, a source of direct voltage, a circuit connecting said source to the nodal point of said output section for applying the voltage thereof across said translating element, and by-pass means at said nodal point for excluding said intermediate frequency waves from the circuit to said voltage source.

2,436,831
CELERY HARVESTER
Willard C. Silva, Sarasota, Fla.
Application May 15, 1944, Serial No. 535,729
14 Claims. (Cl. 55—108)

1. Celery harvester comprising a frame, means carried thereby providing rearwardly moving, rearwardly convergent, spaced side walls defining a passage open at the bottom and ends for the longitudinal travel therethrough of standing celery, said walls being spaced from the ground and of such height as to engage the bushy part of the celery in an intermediate zone above the root and below the top whereby the bushy part is progressively compacted as it travels from the wide to the narrow end of said passage, root cutting means carried by said frame working at a level beneath said passage, top cutting means



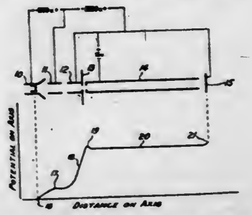
working at a level adjacent the top of said passage, positioned at a point in the length of said passage where the celery is partially compacted, said top cutting means being positioned in advance of said root cutting means whereby the top is severed while the celery is standing.

2,436,832
CONNECTING DEVICE AND METHOD OF MAKING THE SAME
Ernest V. Soreny, New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J., a corporation of Delaware
Application August 13, 1943, Serial No. 498,452
8 Claims. (Cl. 173—363)



1. In the manufacture of wire contacts for an electrical connector, the method which comprises forming wire into a pair of helices, producing a pair of oppositely-disposed inwardly-projecting indentations in each convolution of the helices, and interwinding the coils of the helices so that the indentations in each adjacent convolution of the interwound helices are disposed angularly to one another in planes substantially perpendicular to the axis of the interwound helices.

2,436,833
HIGH DENSITY BEAM TUBE
Karl Spangenberg, Lester M. Field, and Robert Helm, Palo Alto, Calif., assignors to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application June 15, 1942, Serial No. 447,194
14 Claims. (Cl. 315—16)



1. An electron beam tube including means for generating electrons, means for producing a

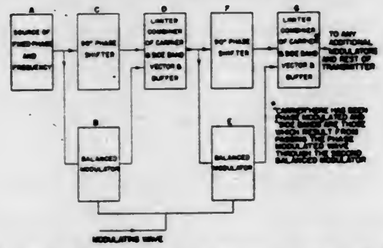
beam of said electrons, means for accelerating said beam, means for defining a substantially field-free space through which said beam passes, means for collecting said beam after passage through said field-free space, and means for maintaining said field-free space defining means at an electrostatic potential slightly negative with respect to said collecting means and with respect to the portion of said accelerating means adjacent said defining means.

2,436,834

PHASE AND FREQUENCY MODULATION

Edwin K. Stodola, Neptune, N. J.

Application November 17, 1942, Serial No. 465,920
6 Claims. (Cl. 179—171.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



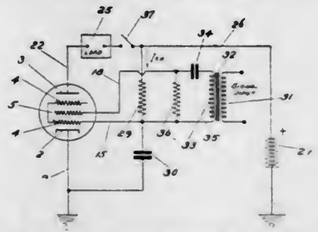
1. A wave-length modulation system for a source of oscillations of relatively fixed frequency comprising a pair of phase modulators, one of said modulators comprising a capacitor and resistor connected in series to said source, a coupling circuit connected across said resistor and to the other modulator, said other modulator comprising an inductor and resistor connected in series to said coupling circuit, and means for varying the resistances of said resistors in opposite senses.

2,436,835

CONTROL CIRCUIT FOR GAS DISCHARGE TUBES

Paul W. Stutsman, Needham, Mass., assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware

Application May 6, 1944, Serial No. 534,494
6 Claims. (Cl. 315—60)



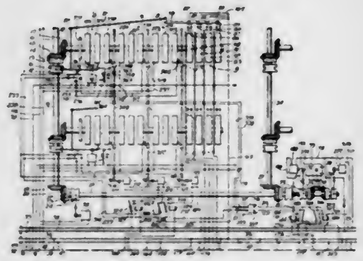
1. An electrical system comprising an electrical discharge tube containing an ionizable gas at a substantial pressure, a cathode, an anode for maintaining a discharge to said cathode, an auxiliary electrode for maintaining an auxiliary intermittent discharge to said cathode, and a control electrode interposed in the discharge path between said cathode and anode and adapted to control the initiation of said discharge between said anode and cathode, a circuit for applying a voltage between said cathode and anode tending to cause a discharge between them, a circuit interconnecting said cathode and auxiliary electrode for causing said intermittent discharge, and means for applying a signal voltage to said control electrode to cause said discharge between said anode and cathode to be initiated during an impulse of said intermittent discharge.

2,436,836

INFORMATION POSTING BOARD

Warren Thorpe, Lawrence, N. Y.

Application December 19, 1945, Serial No. 635,966
17 Claims. (Cl. 177—353)



3. The combination of a display board having a plurality of columns of display areas, the display areas of the several columns being in alinement with one another to form a plurality of transverse rows of display areas, a group of information display wheels for each area rotatable to display various information according to the peripheral surface of the wheels being displayed, a horizontal driven shaft for the display wheels of each area, an intermediate vertical shaft for each column of display wheels, a horizontal drive shaft, a clutch for drivingly connecting each driven shaft with one of said intermediate shafts, a second clutch for drivingly connecting each intermediate shaft with said drive shaft, a motor, a reversible clutch to drivingly connect said motor to actuate said drive shaft in either direction, a first control board common to all areas, means including movable contacts for operatively connecting said first control board with the clutches between said driven shafts and said intermediate shafts to select one of the groups of display wheels for actuation, and a second control board common to all display areas operatively connected to said display wheels through said movable contacts to select the information to be displayed and operatively connected to said reversible clutch to initiate the actuation of the group of display wheels selected for rotation in either direction after said first control board has been operated.

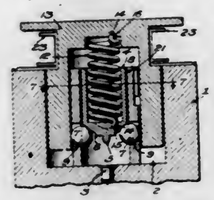
2,436,837

FUSE FOR ANTITANK MINES

John B. Traylor, Denver, Colo.

Application October 14, 1943, Serial No. 506,190
11 Claims. (Cl. 102—70)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A fuse comprising a firing member, a locking member and a plunger member mounted in telescoping relation, said firing member and said plunger member being movably mounted with respect to said locking member, a primer arranged in the path of said firing member, a resilient means operative between said firing member and said plunger member, said locking member having a hole thru a wall thereof, a locking ball mounted in said hole in said locking member, said locking ball projecting in the path of said firing member to hold said firing member out of engagement with said primer, said plunger member having a recess arranged to align horizontally with said hole in said locking member upon movement of said plunger member toward said primer, means for aligning said recess and said hole radially upon movement of said plunger member away from said primer, whereby said recess and said hole may be aligned horizontally and radially upon reciprocation of the plunger member and a cam surface on said firing member contacting said locking ball and operative to cam said ball into said recess of said plunger member, whereby said firing member is freed to strike said primer under force of said resilient means.



2,436,838

STABILIZATION OF TETRAALKYL LEAD AND COMPOSITIONS CONTAINING THE SAME

Harold Von Bramer and Albert C. Ruggles, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

No Drawing. Application May 10, 1944, Serial No. 534,990
14 Claims. (Cl. 44—69)

1. A hydrocarbon motor fuel which is substantially stable and does not tend to form appreciable gum upon storage containing a tetraalkyl lead compound, a halogenated hydrocarbon lead scavenger and, as a haze retarder, a small amount of an aromatic compound which is a derivative of a p-phenylenediamine in which one hydrogen atom of each amino group is replaced by an alkyl group selected from the group consisting of secondary and tertiary alkyl groups.

2,436,839

HIGH DIELECTRIC COMPOSITION AND METHOD OF MAKING SAME

Eugene Wainer, Niagara Falls, N. Y., assignor to The Titanium Alloy Manufacturing Company, New York, N. Y., a corporation of Maine

No Drawing. Application May 3, 1946, Serial No. 667,110
5 Claims. (Cl. 106—39)

1. A ceramic dielectric comprising essentially barium titanate with a small admixture of magnesium titanate, the mole ratio between barium oxide and magnesium oxide being between about 0.98 mole BaO to 0.02 mole MgO and 0.96 mole BaO to 0.03 mole MgO.

2,436,840

TEMPERATURE STABLE DIELECTRIC AND METHOD OF MAKING SAME

Eugene Wainer, Niagara Falls, N. Y., assignor to The Titanium Alloy Manufacturing Company, New York, N. Y., a corporation of Maine

No Drawing. Application May 16, 1946, Serial No. 670,303
4 Claims. (Cl. 106—39)

1. A ceramic dielectric consisting of a ceramic mixture of magnesium titanate and zinc titanate.

2,436,841

TESTING METHOD FOR POLYSTYRENE

Arthur J. Warner, South Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware

No Drawing. Application March 12, 1945, Serial No. 582,105
2 Claims. (Cl. 260—91)

1. The method comprising dissolving a solid polymer of styrene in propylene oxide and to said solution adding a quantity of methanol to precipitate the polystyrene therefrom, the molecular weight of said polystyrene being about 60,000 to 120,000.

2,436,842

INSULATING MATERIAL CONTAINING CYCLIZED RUBBER, A POLYOLEFINE, AND POLYSTYRENE

Arthur J. Warner, South Orange, and Myron Bakst, Newark, N. J., assignors to Federal Telephone and Radio Corporation, Newark, N. J., a corporation of Delaware

No Drawing. Application October 26, 1942, Serial No. 463,418
4 Claims. (Cl. 260—4)

1. An electric insulating composition, characterized by stability of shape at high operating temperatures of about 75° C., flexibility at low operating temperatures of about —40° C., and good dielectric characteristics at ultra-high frequencies in the range of 100 to 3000 megacycles, that comprises essentially a substantially homogeneous mixture of 5% to 20% of tough, horny, flexible, substantially pure cyclized rubber hydrocarbon having a power factor at 1000 kilocycles of .00019 and a dielectric constant of 3.49, 10% to 30% polyisobutylene having a mean molecular weight of approximately 12,000, 10% to 30% of a polymerized substance having a mean molecular weight within the range of 60,000 to 120,000 chosen from the class consisting of polyethylene and polyisobutylene, and 30% to 55% of a substance having a mean molecular weight of about 80,000 selected from the class consisting of polystyrene, polymerized para methyl styrene, polymerized vinyl naphthalene, and copolymers of styrene with alpha-methyl-para-methyl styrene.

2,436,843

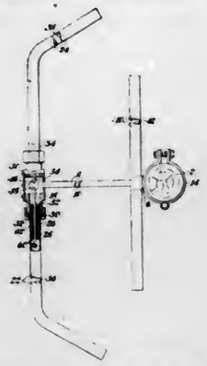
RADIO ANTENNA

Chester B. Watts, Jr., East Orange, N. J., and Leon Himmel, New York, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J., a corporation of Delaware

Application July 9, 1943, Serial No. 494,040
7 Claims. (Cl. (250—11)

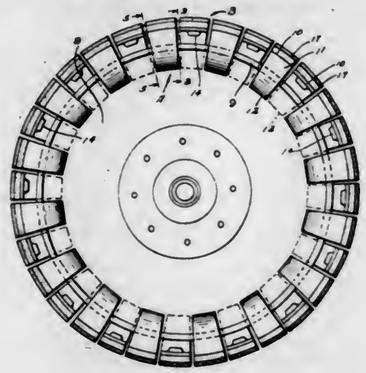
1. A directive antenna structure comprising two bent antenna arms lying in a common plane, the length of each arm being substantially one-half wavelength, each of said arms consisting of a first and a second portion inclined at an angle to each other, the first portion of one arm being

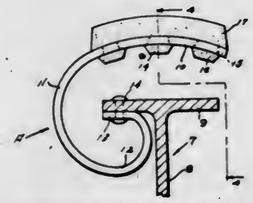
colinear with the first portion of the other arm, a linear reflecting element, the length of said reflecting element being substantially one-half wavelength, said reflecting element being positioned substantially one-quarter wavelength



from said colinear portions in said common plane and on the side of said colinear portions toward which said second portions extend, all of said lengths being in terms of the operating wavelength of said antenna system.

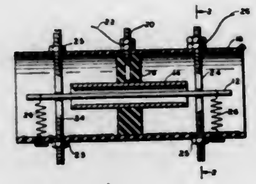
2,436,844
RESILIENT WHEEL
Homer A. Wells, Sacramento, Calif.
Application November 24, 1943, Serial No. 511,589
2 Claims. (Cl. 152—280)





2. In a resilient wheel construction of the class described, a wheel comprising a central hub, a disc-like web portion extending radially from said hub and an annular felly surrounding the outer marginal portion of said web and defining a rim structure which is substantially T-shaped in cross section, and a plurality of adapter springs, each spring being of flat formation, longitudinally bowed between its ends and bent into G-shaped form in marginal edge view and including, at one end, a return bend terminating in a straight attaching tip, the attaching tips of the adjacent pairs of adapter springs being secured to the inner peripheral portions of said felly and in alternate order on opposite sides of the web, the outer free end portions of the respective adapter springs overlying the outer peripheral surface of said felly in radially spaced relation, and resilient pads carried by the outer surfaces of the free end portions of said springs, the respective and adjacent pads being in close spaced relationship and independently operable but assuming collective positions to provide a resilient tread surrounding the entire felly.

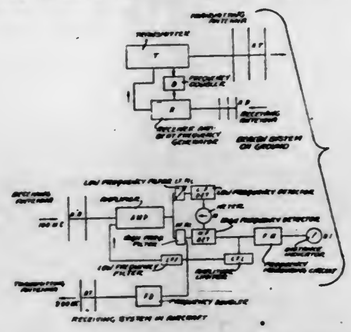
2,436,845
COAXIAL SPARK GAP
Edward M. Wiler, Belmar, N. J., assignor to the United States of America, as represented by the Secretary of War
Application August 17, 1943, Serial No. 498,976
6 Claims. (Cl. 250—38)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



3. A spark gap comprising a metal tube, a metal rod coaxially disposed in said tube, said rod being longer than said tube and projecting therefrom at both ends, an insulation tube substantially larger in diameter than the metal tube surrounding said metal tube, means in said insulation tube receiving and supporting said metal tube, and supports near the ends of the rod beyond the ends of the metal tube, said supports extending between said insulation tube and said rod.

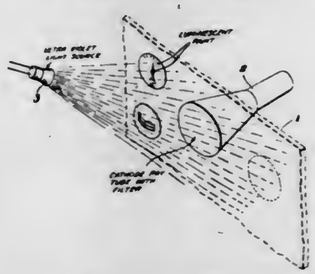
2,436,846
GLIDE PATH SYSTEM FOR AIRCRAFT
Herbert Paul Williams, London, England, assignor to Standard Telephones and Cables Limited, London, England, a British company
Application October 14, 1942, Serial No. 462,023
In Great Britain March 11, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires March 11, 1961
18 Claims. (Cl. 250—1.68)

1. A glide path system for aircraft comprising on the ground a directional antenna system for transmitting a beam of electromagnetic waves, a source of high frequency carrier waves coupled to said antenna system, means for receiving electromagnetic waves radiated from an aircraft under observation in response to the interception of said waves transmitted by said antenna system, means for deriving from said received waves a component dependent upon the instantaneous distance of said aircraft from said directional antenna system, and means for amplitude modulating said waves transmitted from said antenna system in accordance with said component, and comprising on the aircraft receiving means for deriving from said received modulated carrier



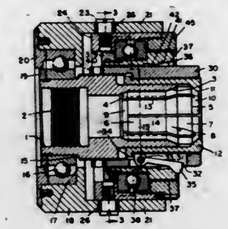
waves a component dependent upon said degree of amplitude modulation, and for deriving another component dependent upon the carrier wave energy level, and means for comparing said two last mentioned components to determine a glide path.

2,436,847
CATHODE-RAY TUBE AND VISUAL INDICATING SYSTEM FOR APPARATUS INCLUDING CATHODE-RAY TUBE
Henry Wolfson, London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application July 29, 1943, Serial No. 496,661
In Great Britain May 10, 1940
Section 1, Public Law 690, August 8, 1946
Patent expires May 10, 1960
1 Claim. (Cl. 250—71)



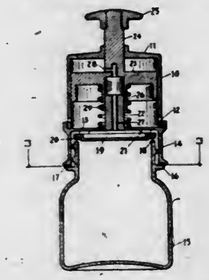
In combination in a visual indicating system comprising indicators designated by luminous paint, a cathode ray tube, a source of ultraviolet light for rendering such indicators visible in the absence of ordinary light, a light filter effective to pass visible light and to cut off light at and beyond the violet end of the spectrum, said light filter comprising a transparent medium having incorporated therein a dye compound selected from the group consisting of picric acid and sodium picrate and absorbing ultraviolet light and being arranged to shield the fluorescent screen of the cathode ray tube from said source of ultraviolet light.

2,436,848
CHUCK
Milton L. Benjamin, Shaker Heights, and Franklyn E. Winnen, Cleveland, Ohio; said Winnen assignor to said Benjamin
Application December 5, 1945, Serial No. 632,894
7 Claims. (Cl. 279—52)



1. In a chuck, the combination of a hollow cylindrical supporting member, a contractible collet reciprocably mounted therein, said member and collet being formed with coacting faces whereby the latter is contracted upon movement thereof inwardly of the former, and means for thus moving said collet, said means comprising a nose-piece surrounding said member and reciprocable longitudinally thereof, an inwardly directed flange on said nose-piece engaging the outer end of said collet, a surrounding casing rotatably connected with said member but held against longitudinal movement relatively thereto, a shell surrounding said nose-piece and supported by said member, lever arms carried by said shell and having operative engagement with said nose-piece, and means supported by said casing whereby said lever arms may be actuated.

2,436,849
DOWNWARD STROKE AIR EVACUATING JAR SEALING APPARATUS
Halton A. Billetter, Youngstown, Ohio
Application December 31, 1943, Serial No. 516,575
5 Claims. (Cl. 226—82)



1. Vacuum sealing apparatus comprising in combination a fluid-tight housing having an annular lower end adapted to be brought into fluid-tight engagement with an annular surface on the upper portion of a jar to be sealed, said housing being adapted to contain a sealing lid for said jar, a cylinder connected to and extending upwardly from said housing, said cylinder having an upper end wall, a piston in said cylinder, a plunger having an upper palm engageable surface slideably mounted in said upper end wall and connected to said piston, and means providing communication between the space

within said housing and the space in said cylinder above said piston whereby upon downward movement of said plunger the air within said housing and jar will be evacuated.

2,436,850
AIR BRAKE SLACK ADJUSTER
Edward Lee Bowen, McComb City, Miss.
Application February 20, 1946, Serial No. 648,995
3 Claims. (Cl. 188—198)



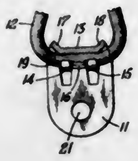
1. In an automatic slack adjuster for air brakes, a compressed air cylinder, a compressed air actuated piston in said cylinder, a floating lever connected to said piston, a brake rod connected to said floating lever, a connecting rod connected to said floating lever, a dead lever connected to said connecting rod and a second brake rod connected to said dead lever, the connection between the connecting rod and the floating lever being by means of a ratchet mechanism controlled by a clutch which operates on said connecting rod, whereby relative movement between said connecting rod and said floating lever may be effected to shorten the operative length of said connecting rod when the piston travel exceeds a predetermined range, said clutch being itself controlled by a third lever which is pivoted at one end to the dead lever and connected at the other end to the compressed air cylinder by means of a chain of predetermined length, said third lever being connected intermediate its ends to the clutch by means of a rod of predetermined length, said lever being also connected intermediate its ends to the dead lever by means of a spring which urges said dead lever and said third lever into registration with each other.

2,436,851
BICYCLIC SULFUR COMPOUNDS AND PROCESS FOR THE MANUFACTURE THEREOF
Albert Businger, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey
No Drawing. Application April 10, 1944, Serial No. 530,402. In Switzerland May 6, 1943
12 Claims. (Cl. 260—309)

10. 2 - substituted - 3,4 - ureyline-dihydrothiophenes the 2-substituent being a member of the group consisting of —COOH, —CN, —CO alkyl, —CO carboxyalkyl and the lactone thereof.

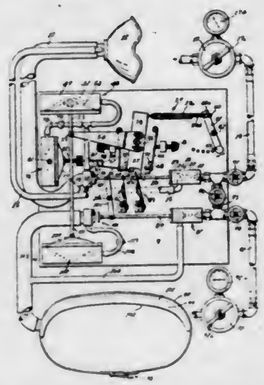
2,436,852
STAKED TYPE SHUNT CONNECTION FOR CARBON BRUSHES
Robert Carmichael, Lakewood, and Arthur W. Seidler, Cleveland, Ohio, assignors to National Carbon Company, Inc., a corporation of New York
Application September 14, 1945, Serial No. 616,232
4 Claims. (Cl. 171—325)

1. In combination with an electric contact brush, an improved shunt connection comprising a V-shaped terminal clip secured thereto, a flexible electrical conductor having a portion thereof disposed between said terminal clip and said brush and lying within a channel formed by the



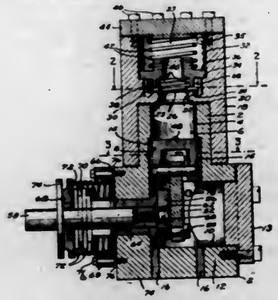
inner surfaces of the apex of said clip, and crimping means tightly attaching said conductor to said clip, the ends of said channel being bent away from said conductor.

2,436,853
RESPIRATION APPARATUS
Edwin D. Coleman, Maywood, Ill.
Application April 10, 1944, Serial No. 530,257
18 Claims. (Cl. 128—29)



17. The combination in a respiration apparatus of the type having an applicator and a source of gas under pressure, of a conduit for conducting said gas to said applicator, a supply valve for controlling the flow of gas in said conduit to said applicator, an exhaust valve for controlling the flow of gas out of said applicator, means for driving said valves in unison between a first position with the supply valve open and the exhaust valve closed and a second position with the supply valve closed and the exhaust valve open, an operator for actuating said driving means, pressure applying means for urging said operator in one direction to actuate said valves to the first position, pressure responsive means connected to and movable with changes in pressure in said applicator for moving said operator in the opposite direction against the force of said pressure applying means to actuate the valves to the second position, and loading means operating in opposition to the pressure responsive means positioned to be engaged by said operator toward the end of its movement by the pressure responsive means adjustable to preselect the pressure in said applicator at which the pressure responsive means actuates said driving means and thereby operate said valves from the first to the second position at a preselected pressure in the applicator.

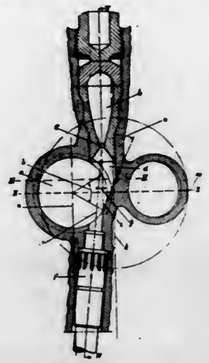
2,436,854
COMPRESSOR
James J. Corey, Jackson Heights, N. Y.
Application May 30, 1945, Serial No. 596,619
5 Claims. (Cl. 230—172)



1. In a high-speed compressor of the type which may be used in a refrigeration system, the combination of, a cylinder block having a cylinder bore with a gas compression chamber at one end and a piston guide portion at the other end, a cylinder head block surrounding the bore in the cylinder block at the end of the gas compression chamber, said cylinder block having a cross-bore at substantially right angles to said cylinder bore and forming a crankcase, a crankshaft mounted coaxially with said cross-bore, a piston and piston rod assembly including a piston mounted in said cylinder bore and a piston rod connecting said piston to said crankshaft whereby rotation of the crankshaft reciprocates said piston in said cylinder bore between a gas inlet position and a gas outlet position, said cylinder block having a plurality of gas inlet passageways formed by a plurality of bores substantially smaller than and parallel to said cylinder bore with their axes coincident with the wall surface of said cylinder bore, said gas inlet passageways extending from said crankcase to the compression chamber which is beyond said piston when said piston is in its gas inlet position, said cylinder head block having a gas outlet bore which is coaxially positioned with respect to said cylinder bore and is surrounded at its end opposite said compression chamber by an annular valve seat, a disc valve adapted to seat on said valve seat and thereby close the gas outlet bore, and a valve retaining assembly mounted in said cylinder head block and resiliently holding said valve disc in seated position.

2,436,855
INTERNAL-COMBUSTION ENGINE
Fred James Culbert, Norfolk, Va.
Application September 1, 1942, Serial No. 456,949
10 Claims. (Cl. 123—32)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. An internal combustion engine having an engine cylinder, a cylinder head having a cylindrically shaped main combustion chamber set off to one side of the engine cylinder axis with one end open to the engine cylinders, a flat top piston for displacing all of the compressed air charge into said combustion chamber, a fuel jet injector on one side of said cylinder head having its jet axis substantially parallel to the piston top about midway up the combustion chamber and passing chordally through the inner side of said chamber with respect to the cylinder axis, an auxiliary combustion chamber on the opposite side of the cylinder head from said injector connected by a restricted nozzle passage substantially tangentially to said main combustion chamber, said nozzle having its restriction substantially in line with the fuel jet axis but being directed at a slight angle inwardly of said axis with respect to the cyclinder axis.



2,436,856
ADJUSTABLE HOSE DRIER
George T. Dale, Sea Cliff, N. Y.
Application May 16, 1946, Serial No. 670,203
7 Claims. (Cl. 223—77)

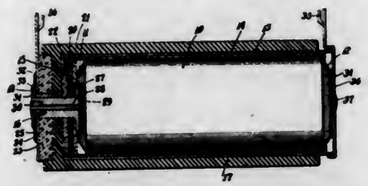


1. In a hose drier of the class described, a frame conforming generally in shape and size to a given type of hose, a central brace located between the outer members of said frame, a heel portion slidably mounted on the frame, said heel portion having a pair of arms extending to and slidably engaging with said central brace and a locking device carried by one of said arms and engaging with said central brace for securing said heel portion positively at a predetermined position on said frame.

2,436,857
CONTAINER AND TERMINAL FOR ELECTRICAL DEVICES
William Dubilier, New Rochelle, N. Y., assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J., a corporation of Delaware
Application June 22, 1943, Serial No. 491,783
1 Claim. (Cl. 174—77)

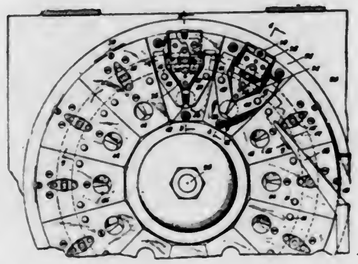
The combination with a high tension electrical device, of a leak-proof housing comprising a rela-

tively thin cylindrical metal container enclosing said device and forming a terminal of one polarity for said device, said container having an end wall provided with a central opening, a relatively heavy cup-shaped insulating member having an end wall provided with a central opening of substantially smaller diameter than said first opening, said metal container being disposed in said insulating member in snug fitting engagement of both the cylindrical and end wall portions of said container and member, a rivet terminal of opposite polarity having an inner flange in electrical connection with said device and having a shank portion passing through said



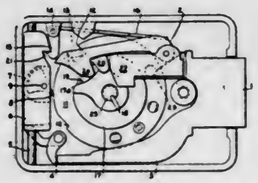
openings, first washer means encircling said shank portion between said flange and the end wall of said container, said washer means comprising a central portion of relatively rigid insulating material and outer portions of relatively flexible insulating material, further insulating washer means encircling said shank portion and engaging the outside of said member, said first and second washer means being clamped by said rivet into engagement with said openings to provide a hermetic seal for said terminal, said insulating member extending over a substantial length of said container towards the opposite end thereof.

2,436,858
NUT-ASSEMBLING MACHINE
Karl Eisele, Belleville, N. J., assignor to Camloc Fastener Corporation, New York, N. Y., a corporation of New York
Application November 18, 1943, Serial No. 510,756
15 Claims. (Cl. 10—86)



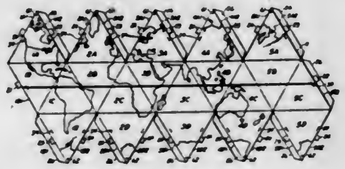
15. An apparatus of the class described including, in combination, a dial plate formed with a recess to receive a shell, staking means carried by said dial and cooperable with said shell, means for rotatably supporting said dial, said shell and dial being adapted to receive a washer upon subsequent rotation of said dial, said shell and washer being adapted to receive and support a nut upon a still further rotation of said dial occurring, means forming a part of said apparatus for tamping said nut and washer into predetermined positions with respect to each other and with said shell, means for thereupon staking said shell into locking engagement with said nut, means for maintaining the established positions of said shell, nut and washer during the staking thereof, and means for thereupon expelling said shell, nut and washer from said dial recess.

2,436,859
COMBINATION LOCK WITH ROTATING TUMBLER DISCS
Vincent Joseph Marie Eras, Dordrecht, Netherlands, assignor to Lips' Brandkasten-en Slotenfabrieken N. V., Dordrecht, Netherlands
Application September 28, 1945, Serial No. 619,062
In the Netherlands November 17, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires November 17, 1962
5 Claims. (Cl. 70—314)



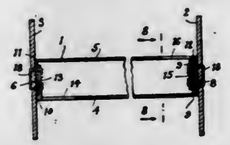
1. In a combination lock including a bolt and rotatable locking discs mounted on a shaft, means for embroiling the discs comprising a weight mounted adjacent the discs, a guiding means for the weight arranged to restrict it to an up-and-down movement adjacent the periphery of the discs, means actuated by the bolt upon its movement to open position for raising the weight to an elevated position in the lock, a catch for holding the weight in its elevated position, means on the weight for engaging the periphery of the discs to rotate them when the weight falls, and means actuated by the bolt upon its movement to closed position for releasing said catch and permitting the weight to fall, whereby the falling of said weight rotates the discs and thoroughly embroils them.

2,436,860
GLOBAL MAP
Irving Fisher, New Haven, Conn.
Application February 19, 1945, Serial No. 579,590
7 Claims. (Cl. 35—40)



1. In a global map: twenty flat equilateral-triangle sheet sections joined along straight separation edges into a continuous generally-flat sheet structure which is foldable along their separation edges into a polyhedron structure of generally global shape; the outer face of each section having thereon a component map part corresponding to one-twentieth part of a generally spherical map of the earth, and adjacent sections representing adjacent map parts of the earth; ten of said sections forming adjoining parts of an elongated continuous strip having parallel opposite sides, and the ten other sections being formed of two sets of five sections extending from the opposite sides of said strip and each side of the strip being formed of five linearly aligned separation edges of its sections; the border edges of said sheet structure being formed of twelve pairs of straight conjugate border edges of conjugate sheet regions which are brought into abutment when said sheet structure is folded into global shape; each conjugate border edge having a tab extending from and bendable along the border edge of the conjugate sheet region so that when a pair of conjugate border edges are brought into abutment their tabs will overlap and form a bendable double tab extending outwardly from the abutting conjugate border edges so that the double tab may be gripped from the exterior side of the polyhedron structure while fastening the conjugate sheet regions thereof in their abutting relation; and releasable fastening elements associated with each pair of conjugate sheet regions for fastening them in their abutting relation.

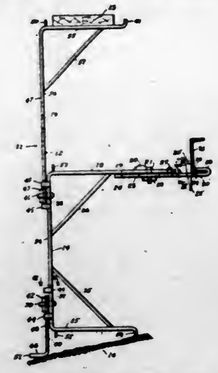
2,436,861
REEL
Hyman Greisman, New York, N. Y., assignor to Monroe Paper Box Co. Inc., New York, N. Y., a corporation of New York
Application January 29, 1947, Serial No. 724,985
4 Claims. (Cl. 242—119)



3. In a collapsible reel of the character described, a pair of reel flanges consisting of cardboard strips, a collapsible box structure fastened between said flanges and constituting the hub of the reel structure, said box including face panels formed with integral tongues located adjacent to the sides of the box structure and partially separated from said panels whereby said tongues will remain in the planes of the panels while the box is in its collapsed condition, and staple fasteners penetrating the strips, the sides of the box and the tongues and causing the tongues to be folded inside of the box when the box is set up.

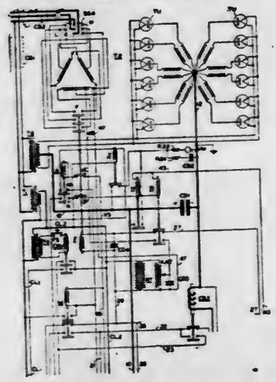
2,436,862
ADJUSTABLE SCAFFOLD OR STAGING
Franklin J. Hiers, Portsmouth, Va., assignor of one-fourth to Thomas A. Hodges, Portsmouth, Va.
Application May 22, 1946, Serial No. 671,430
9 Claims. (Cl. 304—10)

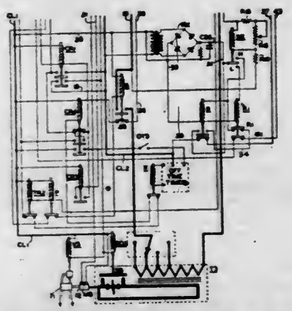
1. A main member adapted for use in an adjustable scaffold, comprising a normally generally-horizontal portion adapted to either rest on the ground or, upon inversion, form an upper plank-supporting portion, another normally generally-horizontal portion apertured for the reception of a connecting bolt, and a normally upright portion connecting said generally-horizontal portions, from which they both extend in the same direction and in non-adjustable relationship, and



apertured near both ends for the reception of bolts for connection with auxiliary members.

2,436,863
WELDING APPARATUS
Stanley M. Humphrey, Warren, Ohio, assignor to Taylor-Winfield Corporation, Warren, Ohio, a corporation of Ohio
Application February 15, 1941, Serial No. 379,084
14 Claims. (Cl. 219—4)





1. A welding system comprising a capacitor, a welding circuit adapted to be energized by said capacitor comprising a pair of welding electrodes,

means to discharge said capacitor through said circuit, means to move said electrodes apart upon completion of a welding cycle, and means to short said electrodes upon actuation of said means to move said electrodes apart.

2,436,864
DEHYDRATION PROCESS
Robert Johnson, Verona, Pa., assignor to Koppers Company, Inc., Pittsburgh, Pa., a corporation of Delaware
No Drawing. Application March 23, 1946, Serial No. 656,783
9 Claims. (Cl. 260—668)

1. A process for the synthesis of 1,2-dihydronaphthalene from solutions containing alpha tetralol comprising: passing vaporized alpha-tetralol-containing mixtures over an alumina-bearing catalyst at a temperature between about 290° and 350° C.

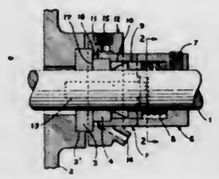
2,436,865
DERIVATIVES OF 3-OXO-4-HYDROXY-THIOPHAN AND PROCESS FOR THE MANUFACTURE THEREOF
Paul Karrer, Zurich, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey
No Drawing. Application August 26, 1944, Serial No. 551,443. In Switzerland July 2, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires July 2, 1963
8 Claims. (Cl. 260—329)

7. 3-oxo-4-hydroxy-thiophan substituted in position 2 by a radical of the formula

$$-(CH_2)_n-R$$

wherein n is a numeral from 1 to 4, and R is selected from the group consisting of OH, O-alkyl, CN, COOH, and functional derivatives of COOH.

2,436,866
MECHANICAL SEAL
John E. Lancaster, New York, N. Y., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J., a corporation of Delaware
Application October 23, 1946, Serial No. 705,033
3 Claims. (Cl. 286—9)

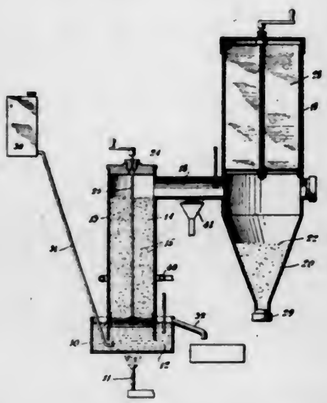


1. In a mechanical seal for a shaft rotating in a fluid containing vessel, a first sealing member, a second sealing member, deformable packing members comprising wedge shaped rings having their wedge faces interacting, a compression member, a spring member, a back-up member for said spring member, means for fixing said back-up member to the shaft for motion therewith, each of said members being of annular form with shaft receiving openings and arranged in series relationship, a collar member, said second sealing member being attached to said collar member for movement therewith, means for transmitting rotary motion from the back-up member to the collar member and the second sealing member, said last mentioned means being constructed and arranged to permit axial movement of said collar relative to the shaft and back-up member, a clamp member for fixing said first sealing member to the vessel, said clamp member fitting about said collar member and having an internal annular groove with an outlet therefrom for draining off fluid leaking through the interacting faces of said first and second sealing members.

2,436,867
WELDING ROD
Richard K. Lee, York, Pa., assignor to The McKay Company, York, Pa., a corporation of Pennsylvania
No Drawing. Application January 21, 1946, Serial No. 642,445
4 Claims. (Cl. 219—8)

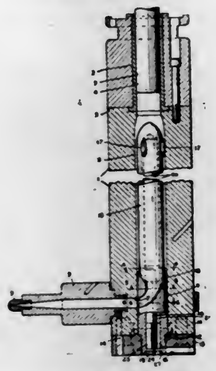
1. A welding rod comprising a core wire and a coating thereon, the core wire and coating being of such composition as to deposit at the weld locus a weld metal comprising carbon from 0.55 to 0.90%, silicon from 0.10 to 1.0%, nickel from 6 to 12%, chromium from 16.5 to 22%, and manganese from 1.5 to 5.0, the balance being substantially all iron except for the impurities usually found in commercial steels and the weld metal being at least in part austenitic and rapidly work hardenable.

2,436,868
RECOVERING TIN FROM STANNIC CHLORIDE
Yurii E. Lebedeff, Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y., a corporation of New Jersey
Application December 13, 1945, Serial No. 634,747
5 Claims. (Cl. 75—85)



1. The process for recovering tin from stannic chloride which comprises establishing a molten bath of tin, introducing anhydrous liquid stannic chloride into contact with the molten bath of tin to produce gaseous tin chloride, reacting said gaseous tin chloride with pieces of aluminum in solid state to effect reduction of the tin chloride to tin metal with the formation of aluminum chloride, and collecting the tin resulting from the reduction reaction in said molten bath of tin.

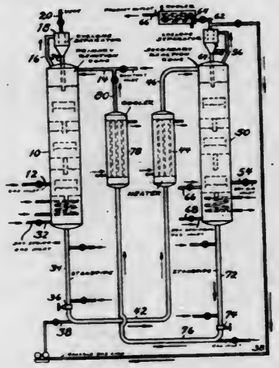
2,436,869
INJECTION MOLDING MACHINE SPREADER
Nathan Lester, Shaker Heights, Ohio, assignor to Lester Engineering Company, Cleveland, Ohio, a corporation of Ohio
Application March 29, 1945, Serial No. 585,458
4 Claims. (Cl. 18—30)



1. The combination with the injection cylinder of a pressure molding machine, such cylinder having a lateral discharge opening adjacent one end thereof, of a spreader comprising a head closely fitted within such cylinder end and extending to a point beyond such opening and a shank of smaller diameter than the bore of said cylinder projecting from said head into the latter, said head being formed with a channel leading from the space between said shank and cylinder bore to such discharge opening, an electrical heating unit housed within the shank portion of said spreader, a thermostatic switch for controlling said unit housed within the head portion of said spreader, a block of insulating material interposed between said switch and the adjacent end of said heating unit and formed with a groove longitudinally thereof, a filler block formed with a groove in which said thermostat is disposed and another groove in alignment with the groove in said block of insulating material, and a second block of insulating material interposed between the head end of said spreader and the switch and formed with two grooves in alignment with those of said filler block, such aligned grooves in said blocks providing for passage of leads from the head end of said spreader to said heating unit and to said switch respectively.

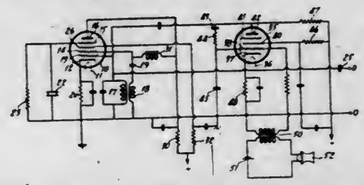
2,436,870
PREPARATION OF CHLORINE
Eger V. Murphree, Summit, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application October 31, 1942, Serial No. 463,999
5 Claims. (Cl. 23—219)

1. In a process for producing chlorine by reacting hydrogen chloride with a metal oxide and reacting the metal chloride so formed with an oxygen-containing gas to release chlorine and reform the metal oxide, the steps of passing the metal oxide in fluidized condition downwardly through a first reaction zone in a plurality of stages, wherein it is reacted with countercurrent hydrogen chloride vapor to form the metal chloride and steam is evolved at the upper end of each stage, introducing a dry stripping gas into the lower portion of said first zone to strip the steam from said metal chloride, passing the fluidized metal chloride from a lower part of said first reaction zone to an upper part of a second reaction zone, passing said fluidized metal chloride downwardly through said second reaction zone in a plurality of stages, reacting said metal chloride with countercurrent oxygen-containing gas in each of said stages to reform the metal oxide and evolve chlorine, withdrawing resulting chlo-



rine-containing gases from the upper part of said second reaction zone, withdrawing reconverted dispersed metal oxide from a lower part of said second reaction zone, returning said metal oxide in dispersed condition to an upper part of said first reaction zone, and recycling a portion of the withdrawn chlorine-containing gases for admixing with the metal chloride from said first reaction zone, to increase dispersion and assist flow thereof into said second reaction zone.

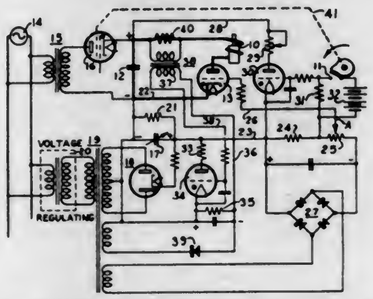
2,436,871
CENTER FREQUENCY STABILIZED FREQUENCY MODULATED OSCILLATOR
Karl Rath, New York, N. Y., assignor to Radio Patents Corporation, New York, N. Y., a corporation of New York
Application February 24, 1944, Serial No. 523,633
4 Claims. (Cl. 179—171.5)



1. An oscillator comprising an electron discharge tube having a cathode, a first control grid, a screen grid, a second control grid and an anode, all arranged substantially in the order named, a regenerative oscillating circuit comprising a resonant tank circuit connected between said first grid and said cathode and feedback coupling means therebetween and said screen grid to generate sustained electrical oscillations having a frequency determined by the resonant frequency of said tank circuit, a piezo-electric crystal shunted by a high impedance pervious to direct current and connected between said second control grid and said cathode, said second control grid having a steady bias to produce a concen-

trated electron space charge adjacent thereto and fluctuating at oscillating frequency, whereby to cause the steady electron current to vary in sense and magnitude in proportion to relative frequency departure between the generated oscillations and the resonant frequency of said crystal, a load resistance connected to said anode, means for applying varying operating potential to said screen grid from said load resistance to thereby control the reactance reflected upon said tank circuit and to vary the oscillating frequency to counteract initial deviations thereof from the crystal frequency, means to modulate the frequency of the generated oscillations in accordance with a modulating signal amplitude, and means in the screen grid circuit to prevent anode current variations in accordance with the modulating signal frequency from affecting the steady potential of said screen grid.

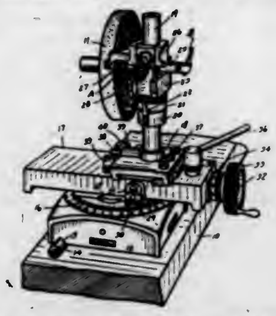
2,436,872
TIMING CIRCUITS
Clyde E. Smith, Warren, Ohio, assignor to The Taylor-Winfield Corporation, Warren, Ohio, a corporation of Ohio
Application May 19, 1944, Serial No. 536,339
13 Claims. (Cl. 320—1)



1. Electrical timing apparatus comprising in combination a capacitance, means to normally maintain a predetermined voltage on said capacitance, a timing circuit operative to change the potential on said capacitance to a second predetermined voltage in a predetermined interval of time, means to initiate operation of said timing circuit, a control circuit adapted to be actuated upon said capacitance reaching said second predetermined voltage, and means operative substantially simultaneously with actuation of said control circuit to change the charge on said capacitance to approximately said first mentioned predetermined voltage.

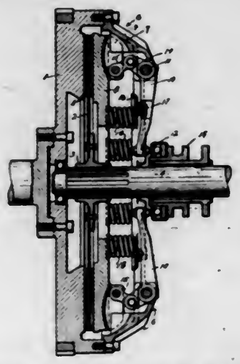
2,436,873
RADIUS-ANGLE FORMER
Ingolf Sneva, Bedford, Ind., assignor to W. F. Meyers Company, Bedford, Ind., a corporation
Application December 11, 1943, Serial No. 513,896
3 Claims. (Cl. 51—224)

2. In a tool forming apparatus, the combination with a grinder table and a wheel provided with a grinding edge, of a swivel support secured to said table in axial alignment with the center of curvature to be ground by said wheel, an elongated slide adjustably supported to slide diametrically of said support toward and away from said wheel, a transverse slide adjustably associated with said elongated slide, a fixture post extending upwardly from said transverse slide, a height setting collar slidably adjustable on said post, an adjustable collar rotatable on said setting collar to variable height adjustment with respect thereto, and a tool fixture mounted on



said post for height adjustment thereon by supporting engagement with said adjustable collar, whereby the elevation of said tool holder may be positioned and set by said collars relative to the horizontal plane through the axis of said wheel.

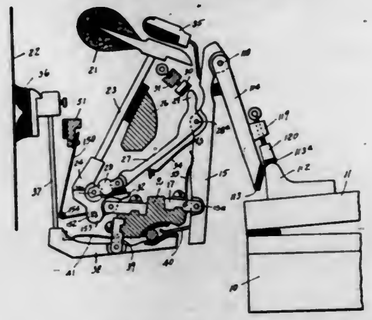
2,436,874
FRICTION CLUTCH
Charles B. Spase, Nedrow, N. Y., assignor to Lipe-Rollway Corporation, Syracuse, N. Y., a corporation of New York
Application October 12, 1944, Serial No. 558,332
7 Claims. (Cl. 192—68)



1. In a clutch, the combination of driving and driven members, a pressure ring rotatable with the driving member, a back plate detachably secured to the driving member, clutch mechanism including multiplying and reversing levers pivoted to the back plate and connected to the pressure ring, said levers having inwardly extending radial arms, an annular abutment thrusting against the inwardly extending radial arms tending to move said arms rearwardly about the pivots of the levers, an annular series of springs interposed between the pressure ring and the abutment and a throw-out collar thrusting during declutching operation on the inner arms of the levers in a direction opposite to the direction of the thrust of the spring against the abutment, the springs being located on opposite sides of the levers and the abutment thrusting against the levers between the springs, and means for clamping the abutment to the pressure ring to hold the

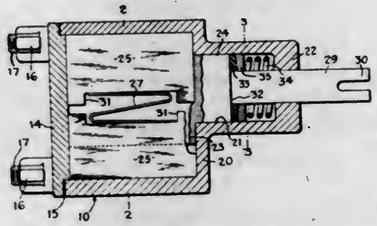
springs from reaction against the levers, whereby the back plate, pressure ring, springs and levers are removable from the driving member and replaceable as a unit.

2,436,875
PIANO ACTION
Francis C. Socin, Batavia, Ill., assignor to The Rudolph Wurlitzer Company, Chicago, Ill., a corporation
Application March 23, 1945, Serial No. 584,353
5 Claims. (Cl. 84—240)



1. A piano action including a piano key, a hammer positioned to strike the piano string, a supporting frame, a wippen pivotally mounted at one end upon said frame below said key to extend substantially vertically with respect to and terminating above said key, a striking member associated with the upper end of said wippen engageable by the striking end of said key to swing said wippen forwardly toward the string, a hammer butt pivotally supported by said frame carrying said hammer on one end thereof, a jack pivotally connected with said wippen intermediate its ends and extending downwardly and forwardly toward the string into operative engagement with said hammer butt for transmitting the striking action of said key therethrough to said hammer, and a spring anchored to said frame extending upwardly into engagement with said wippen intermediate its ends tending to return it to rest position after being actuated.

2,436,876
ROTARY SLIDING VANE PUMP STRUCTURE
Alfred L. Stamsvik, Pittsburgh, Pa.
Application July 29, 1943, Serial No. 496,528
4 Claims. (Cl. 103—137)



1. A pump comprising a housing in which is a cylindrical chamber, said housing including a removable cover closing the front end of the chamber, the walls of the chamber being straight and free of depressed regions so that the cover forms the entire front wall of the chamber, a rotary pump element in the chamber, a rearwardly extending hub on said pump element, a drive shaft connected with the hub of the pump element and coaxial with, but of smaller diameter than the hub so that there is a shoulder at the end of the shaft, an inside cylindrical bearing surface for said hub on a wall of the housing, an annular sealing ring beyond said hub and in sealing contact with both the outside surface of the shaft and said cylindrical bearing surface, and a spring urging the sealing ring against the shoulder, said pump element, drive shaft, sealing ring and spring being removable through the front of the housing when the cover is removed.

2,436,877
INHALER
Joseph B. Biederman, Cincinnati, Ohio
Application October 6, 1943, Serial No. 505,090
1 Claim. (Cl. 128—200)



In an inhaler container a cylindrical body member having its lower end open to permit insertion of medicine, a cup like bottom member for closing the open end of the body member and having a flat bottom and an upwardly projecting relatively short flange exteriorally of and receiving the lower end portion of the body member, said bottom member flange and body member end portion within said flange being rotatable relative to one another, each having apertures adapted to be brought into more or less registry upon relative rotation to regulate the amount of air admitted to the body member, said body member enclosing medicine adapted to be picked up by the air, a top member on said body member provided with an aperture through which the medicine laden air passes, said top member having a flange for enclosing the upper end of the body member, an apertured plate carried by the top member flange, and a second apertured plate carried by the body member, said plates being rotatable relative to one another for bringing the apertures into more or less registry to regulate the amount of medicine laden air drawn through the apertured top member.

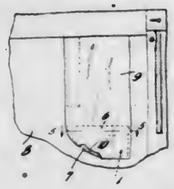
2,436,878
INHALER
Joseph B. Biederman, Cincinnati, Ohio
Application March 2, 1945, Serial No. 580,629
6 Claims. (Cl. 128—198)



1. In a device of the class described the combination of a body member having an exit open-

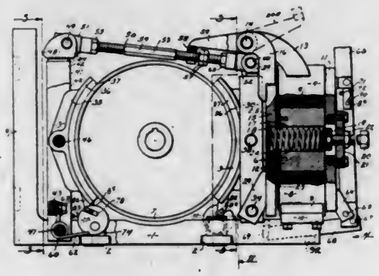
ing in its top and an entrance opening near its bottom, said body member being hollow, a combined medicine stick carrier and closure member within the body member comprising a pair of opposed arms and a top conforming to the interior of the body member and reciprocable relative thereto and having portions adapted to cover the exit and entrance openings when at one end of its reciprocation and uncover said openings when at the other end of its reciprocation, and a finger piece projecting from the closure member for actuating the said closure member.

2,436,879
REPAIR PATCH FOR GARMENT POCKETS
Leo F. Buck, Camden, N. J.
Application April 12, 1946, Serial No. 661,806
6 Claims. (Cl. 2—243)



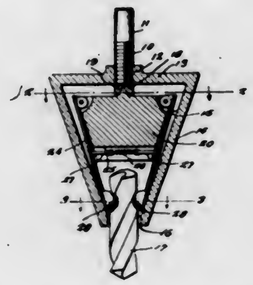
1. A repair patch for worn or damaged garment pockets, comprising a pocket-like member corresponding substantially in size and configuration to the lowermost portion only of the pocket to be repaired, and an adhesive adapted to lie between the outer surface of said patch and the inner surface of said lowermost portion of the pocket to which the patch is applied to retain said patch in position within said lowermost portion when said patch is applied thereto.

2,436,880
ELECTROMAGNETIC BRAKE MECHANISM
Lynn S. Burgett, Euclid, Ohio, assignor to The Clark Controller Company, Cleveland, Ohio, a corporation of Ohio
Application June 28, 1943, Serial No. 492,512
14 Claims. (Cl. 188—171)



11. In a brake of the type comprising brake shoes disposable on opposite sides of a brake drum and movable toward the drum to engage it to set the brake and movable away from the drum to clear it to release the brake; a frame; supports for the shoes; means interconnecting the shoe supports; mutually engageable stop elements, one on the interconnecting means and one supported by the frame; engaged when the brake is released and spaced apart when the brake is set; the spaced distance of the separated stop elements being proportional to the clearance between the brake shoes and the drum when the brake is released and increasing as the brake shoes wear; the said stop elements being disposed so that the said spaced distance is readily observable and indicates at all times the shoe-and-drum clearance and the state of wear of the shoes; and means to adjust the length of the interconnecting means effective to adjust the shoe-and-drum clearance to take up for wear.

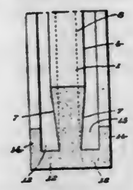
2,436,881
DRILL CHUCK
Joseph Donahue, Shamokin, Pa.
Application November 16, 1945, Serial No. 629,030
1 Claim. (Cl. 279—39)



A drill supporting chuck comprising a hollow conical shaped outer member closed at its large end and open at its small end, said closed end being formed with a threaded centrally disposed opening, a threaded shank adjustably disposed in said threaded opening, a solid frusto-conical member supported by said shank disposed in said hollow outer member for movement lengthwise thereof, said solid frusto-conical member being formed with oppositely disposed bearing slots in its upper end, pivot pins extending transversely of said slots, arcuate depending clamping arms having spaced apertured ears on their upper ends pivotally supported upon said pivot pins and having inwardly extending locking protuberances on their lower ends adapted to engage in the flutes or channels of a drill when inserted within the open end of said outer member, said inner member being formed with a transverse channel in its lower end, inwardly extending arms secured to said clamping arms disposed in said transverse channel, and a coil spring secured between the inner ends of said inwardly extending arms for resiliently urging said clamping arms and protuberances inwardly to positively lock and support a drill when inserted in a chuck.

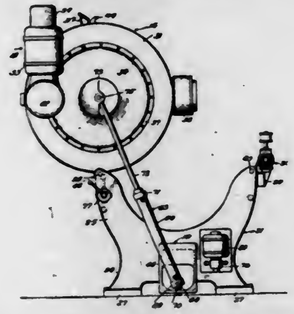
2,436,882
DOUBLE REVERSIBLE FILM DEVELOPING HANGER
Edward S. Edelhart, Lima, Ohio, assignor of one-half to Harry R. Meredith, Allen County, Ohio
Application June 1, 1945, Serial No. 597,069
3 Claims. (Cl. 95—100)

1. A one piece hanger for photographic films, comprising parallel and spaced top and bottom bars, parallel and spaced side bars extending at right angles to and rigidly secured to the top and bottom bars to form a substantially rectangular frame portion, the side faces of the side and bottom bars being tapered toward their respective outer edges, the ends and the intermediate portions of the side and bottom bars having cut-out portions, said cut-out portions extending from the outer edges of the side and bottom bars, whereby a plurality of tongue portions are formed on the side and bottom bars, side and bottom



flanges extending spaced from and parallel to the side and bottom bars, respectively, on each side thereof, web portions securing said flanges to said tongues whereby a film supporting pocket is formed between each said tongue and adjacent side flanges and a rectangular circulation recess is formed by each cut-out portion and adjacent flanges, and a head on the frame formed with attaching openings.

2,436,883
WASHING MACHINE WITH PIVOTALLY SUPPORTED OUTER AND INNER SHELLS AND POWER MEANS ON THE OUTER SHELL FOR ROTATING THE INNER SHELL
Hubert C. Ellis, Evanston, Ill., assignor to The Ellis Drier Co., Chicago, Ill., a corporation of Illinois
Application November 27, 1944, Serial No. 565,234
14 Claims. (Cl. 68—140)



1. A washing machine of the character described, comprising a supporting structure, an outer shell having an access opening therein and provided with means whereby it is mounted on the supporting structure so that it is capable of being moved bodily back and forth between a normal operating position wherein the access opening faces upwards and a discharging position wherein the access opening faces downwards, an inner shell within the outer shell provided with a door closed access opening, adapted to hold the articles to be washed and supported so that it is rotatable relatively to the outer shell, and power mechanism for rotating the inner shell, mounted entirely on, and movable bodily with, said outer shell.

2,436,884
COATED WELDING ROD
Johann Diedrich Fast, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee
No Drawing. Application January 29, 1943, Serial No. 474,002. In the Netherlands March 15, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires March 15, 1961
7 Claims. (Cl. 219—8)

1. A welding electrode for electric arc welding comprising a core consisting of at least about 50 per cent of iron, a slag-forming coating on said core, a reducing agent in said coating consisting of a sufficient percentage of material other than magnesium to prevent oxidation of the iron metal during welding, and an arc preserving agent consisting of at least about 90 per cent of magnesium incorporated in the coated electrode, for preventing extinction of the arc during welding.

2,436,885
DIELECTRIC COMPOSITION COMPRISING POLYCHLOROPRENE, WAX, AGE RESISTOR, AND ANTIOXIDANT
Louis P. Gould and John W. Whiteside, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
No Drawing. Application January 29, 1944, Serial No. 520,318
4 Claims. (Cl. 260—28)

4. A resilient corona resistant dielectric compound for use in connection with high tension cables, comprising in combination, polymerized chloroprene 100 parts, polymerized trimethyl dihydroquinoline 2½ parts, diphenyl ethylene diamine 2½ parts, and a wax selected from the methane series and having at least 24 carbon atoms per molecule 10 parts.

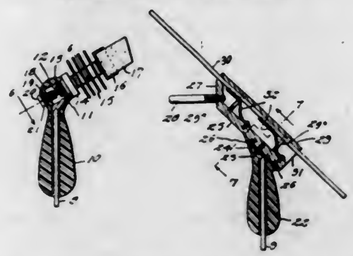
2,436,886
SOUND-PRODUCING TOY
John Pinkney Gowland, Woking, England
Application November 7, 1945, Serial No. 627,131
In Great Britain November 6, 1944
2 Claims. (Cl. 46—99)



1. A toy comprising a base board fitted with running wheels and having an aperture therein, a pair of spaced bearing brackets fixed to said base and upstanding from the upper side thereof adjacent said aperture, a disc overlying and protruding into said aperture and disposed between said brackets and rotatably supported thereby, said disc having a slot therein, a sound-producing device of concertina type including a weighted bellows located in said slot and secured to said disc so as to be repeatedly inverted as said disc rotates thus causing the bellows alternately to expand and collapse and thereby periodically emit sound, a pair of spaced bearing brackets secured to said base and depending from the underside thereof adjacent said aperture, drive gear between and supported by said depending brackets in driving connection with the portion of said disc protruding through said aperture for rotating the same, said drive gear including a wheel member

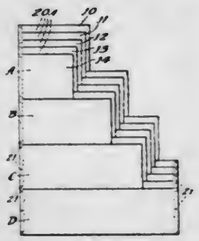
for engaging the running surface on which said wheels of the toy rest, and a hollow simulacrum mounted on the upper side of said base and enclosing said upstanding brackets, disc and sound-producing device.

2,436,887
ELECTRICAL SOLDERING DEVICE WITH ATTACHMENT
Urban N. Hensley, Reno, Ill., assignor of forty per cent to Lloyd Alexander, Greenville, and eight per cent to Marvin M. Hensley, Reno, Ill.
Application December 27, 1944, Serial No. 569,940
3 Claims. (Cl. 219—26)



1. In a soldering assembly a power unit, a pair of soldering electrodes connectable to the power unit, both having hollowed handles for the end of the means connecting them to the unit, one of the electrodes having a stud bolt extending through the handle the stud of which carries cooling fins, a clamp and carbon in the clamp, the other electrode comprising a bronze or copper strip mounted to the handle and connected to the connecting means, a cover secured to the strip with apertures for a soldering rod, a heating unit carried by the handle of the second electrode.

2,436,888
PROCESS FOR MAKING UNIT STRIPS
Arthur L. Hess, Milford, and Howard G. Denyven, Cincinnati, Ohio, assignors to Ditto, Incorporated, Chicago, Ill., a corporation of West Virginia
Application December 29, 1945, Serial No. 638,171
7 Claims. (Cl. 281—16)



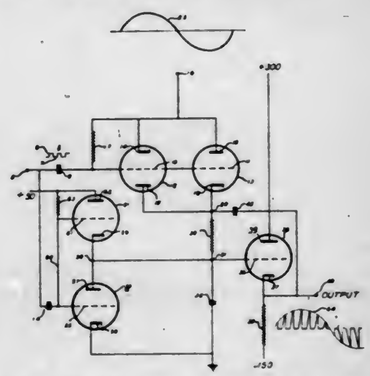
3. The method of manufacturing unit strip assemblies from a plurality of sheets comprising the steps of slitting the central portion of each sheet along correspondingly spaced transverse lines to provide a plurality of strips which are connected to each other at their side marginal portions, arranging said sheets with their transverse edges in overlapping relationship and with their longitudinally extending edges aligned with each other, securing said marginal portions of said sheets to each other to form a sheet assembly, and separating said sheet assembly into a plurality of unit strip assemblies by tearing said marginal portions at points opposite the slits.

2,436,889
PROTECTIVE APPARATUS FOR PREVENTING ACCUMULATION OF ICE ON AIRFOILS
Eugene E. Heston, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application June 9, 1944, Serial No. 539,442
13 Claims. (Cl. 244—134)



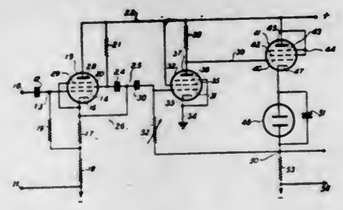
6. Apparatus for preventing the accumulation of ice on a surface, said apparatus comprising a covering of resilient rubber-like material having a multiplicity of inflatable tubular passages therein each not exceeding three-quarters of an inch in diameter, providing under inflation thereof a multiplicity of sharply curved ridges at the surface of said covering as a result of the small cross-section of the passages for breaking the adhesive bond of an overlying ice-deposit, adjacent passages being disposed with their margins directly alongside one another in close parallel relation for effecting the surface action of said sharply curved ridges substantially completely over the group area of said passages.

2,436,890
MODULATED SAW-TOOTH SWEEP GENERATOR
William A. Higinbotham, Santa Fe, N. Mex., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War
Application January 24, 1945, Serial No. 574,375
2 Claims. (Cl. 179—171.5)



1. In a voltage generator of the character described having associated therewith a source of charging voltage of variable magnitude and polarity, a sweep capacitance, a limiting resistance through which said sweep capacitance is charged, said limiting resistance being sufficiently high to prevent instantaneous charging of the sweep capacitance, said sweep capacitance and limiting resistance being series-connected, a storage capacitance, a charging circuit for said storage capacitance, said charging circuit having applied thereto said charging voltage, said storage capacitance constituting a source of charging voltage for said sweep capacitance, a discharging circuit for said sweep capacitance, and switch means causing both of said charging and discharging circuits alternately to be closed to communicate said charging voltage to said storage capacitance and to discharge said sweep capacitance, and to be opened to permit charging of said sweep capacitance by said storage capacitance, thus to develop a saw-tooth voltage output whose envelope is similar to the wave form of said charging voltage.

2,436,891
ELECTRONIC SYSTEM FOR DIFFERENTIATING VOLTAGE WAVE FORMS
William A. Higinbotham, Santa Fe, N. Mex., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War
Application February 19, 1945, Serial No. 578,768
3 Claims. (Cl. 250—27)



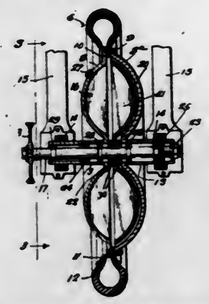
1. An electronic circuit for obtaining from a given input voltage an output voltage substantially proportional to a mathematical derivative with respect to time of said input voltage, comprising an isolating circuit, means for applying said input voltage to said isolating circuit, a differentiating capacitor and a differentiating resistor serially connected, means for impressing the output of said isolating circuit onto said resistor and capacitor, a cathode follower circuit, means for applying the output of said cathode follower in series with said differentiating resistor, an amplifying and inverting circuit, means for impressing said output of said cathode follower and voltages appearing across said differentiating resistor onto said amplifying and inverting circuit, and means for impressing the output of said amplifier and inverter onto the input of said cathode follower.

2,436,892
METHOD AND APPARATUS FOR ALIGNING MACHINERY
Ralph W. Hunter, Jacksonville, Fla.
Application January 25, 1944, Serial No. 519,667
5 Claims. (Cl. 88—14)



1. The method of axially aligning a shaft with a distant fixed reference point which comprises attaching a reflector at one end of the shaft, directing a beam of light from the reference point to the reflector, receiving the reflected image of said beam on a circular target having its center coincident with the reference point and having concentric indicator circles thereon, rotating the shaft with its reflector to cause the reflected image to move and trace a circle on said target, and adjusting the shaft axis relative to the reference point to cause the image to trace a circle concentric with the indicator circles.

2,436,893
FLUID DRIVE FOR MOTORCYCLES
Frank C. Lawson, Anderson, Ind.
Application February 16, 1945, Serial No. 578,145
1 Claim. (Cl. 180—33)

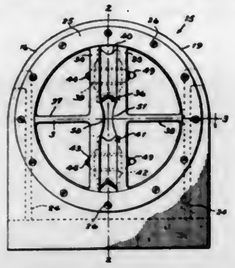


In a motorcycle of the tandem two-wheel type, a motorcycle frame having spaced rear fork members, a ground-engaging traction wheel disposed between said fork members, said wheel including a fluid containing housing provided with a peripheral tire and having spaced laterally projecting hub members journaled at their outer ends in said fork members, said housing being provided with substantially radial internal vanes on one side thereof, a driven shaft journaled in said hub members and having an end projecting from one of the latter outwardly of the adjacent fork member, an impeller disk rotatable in the housing and fixed on said driven shaft between said hub members, said impeller disk having substantially radial vanes coacting with the housing vanes to drive the housing through the medium of the fluid within the latter, a motor mounted in the motorcycle frame forwardly of said wheel, and a driving connection between the motor and the projecting end of said driven shaft.

2,436,894
FAIR-LEAD FOR CABLES, ROPES, AND THE LIKE
Edward B. Magee, Port Colborne, Ontario, Canada, assignor to Port Colborne Iron Works, Limited, Port Colborne, Ontario, Canada, a company of Canada
Application February 8, 1945, Serial No. 576,886
In Canada February 21, 1944
4 Claims. (Cl. 254—190)

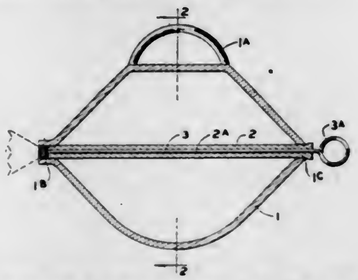
1. In a device of the character described, a support comprising an annular member having an inwardly directed flange around one edge thereof providing a central opening, a cover secured on the other edge of the annular member and having an aligned opening of less diameter than the diameter of the annular member, a housing comprising an annular member having spaced external flanges around its periphery forming a lubricant-retaining pocket therebetween, said housing being rotatably mounted within said support with said external flanges located between said first flange and said cover, means to intro-

duce lubricant into the pocket between said external flanges, ball-bearings between said first flange and one edge of said housing member, sheave members rotatably mounted in said hous-



ing member in spaced relation to one another and to the axis of the housing member, and cable guide means carried by said housing member for guiding a cable into one of the sheave members.

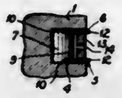
2,436,895
MEDICINAL APPLICATOR AND THERAPEUTIC DEVICE
Louis C. Markowitz, San Diego, Calif.
Application August 19, 1946, Serial No. 691,505
1 Claim. (Cl. 128—256)



In a device of the class described, the combination of a hollow body adapted to contain liquid therein, having a pair of opposed openings in the side walls thereof, a tubular member having a central bore positioned in said openings in said body, a plunger reciprocally mounted in the bore of said tubular member, and a funnel-shaped medicine applicator secured in connection with one of said openings in said body communicating with the movable end of said plunger in said tubular member.

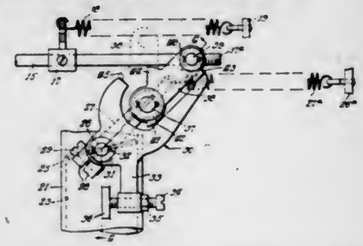
2,436,896
PISTON PACKING
Arden J. Mummert, University City, and Harold P. Phillips, Webster Groves, Mo., assignors, by mesne assignments, to Perfect Circle Corporation, a corporation of Indiana
Application December 16, 1939, Serial No. 309,680
6 Claims. (Cl. 309—45)

1. A piston packing including a plurality of ring members formed of ribbon steel, and a resilient expander of sinuous form having alternate long flexible portions and short connecting portions, said connecting portions having a radius different from that of said flexible portions and each being arranged to provide ring contacting shoulders adapted to engage said ring members, the lateral edges of the remainder of said connecting portions being adapted to engage said



ring members in order to separate adjacent ring members a predetermined distance from each other.

2,436,897
CARBURETOR CONTROL LINKAGE
Harold Nutt, Chicago, Ill., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application February 1, 1945, Serial No. 575,642
8 Claims. (Cl. 74—516)

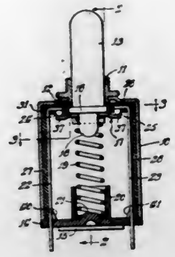


1. In combination with a rockable spindle for a carburetor throttle valve and the like, a rocker arm secured to said spindle for oscillating the same; a manually reciprocable actuator rod; and control means operatively connecting said arm and actuator rod for effecting multiple-stage movement of said spindle, said control means comprising an idle lever swingingly mounted on said spindle; means arresting movement of said idle lever in one direction; and a cam device rotatably mounted on said rocker arm, said cam device having operative connection with said rod and being adapted to act on said idle lever when the latter is in said arrested position for effecting movement of said arm independently of said idle lever to rock said spindle through a first stage of its movement; and continued movement of said cam device being effective to move said idle lever away from its arresting means and rock said spindle through another stage of movement.

2,436,898
PLUNGER SWITCH
Ernst Walter Rickmeyer, Elmhurst, Ill., assignor to Jefferson Electric Company, Bellwood, Ill., a corporation of Illinois
Application January 20, 1945, Serial No. 573,656
2 Claims. (Cl. 200—159)

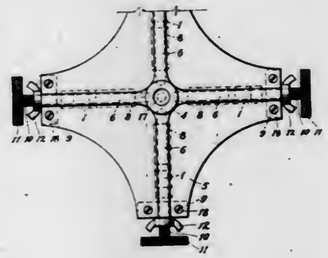
1. A plunger type switch comprising a metal housing having a closed top, a base therefor, an insulating lining for said housing, a plunger extending through said top, means to bias said plunger upwardly, a bridging member carried by said plunger, contact members adapted to be engaged by said bridging member when said plunger is in its extended position, L-shaped conducting strips having vertically extending portions disposed along said insulating lining and extending through said base member and having horizontally extending portions on which said contact members are carried, and a contact mounting

member at the top of said housing provided with apertures through which said strips and contact members extend for maintaining said strips and contact members in spaced positions at op-



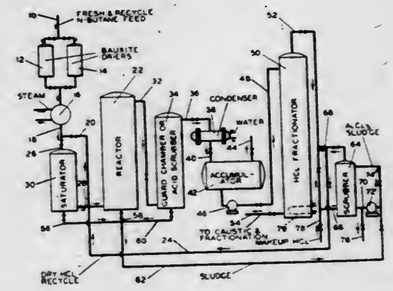
posite sides of said plunger, said horizontally disposed portion being confined between the upper surface of said contact mounting member and the insulating lining adjacent the closed top of said housing.

2,436,899
CIRCULAR CUTTER
Paul Euclid Rivest, London, Ontario, Canada
Application December 5, 1945, Serial No. 632,992
4 Claims. (Cl. 164—71)



1. A circular cutting attachment for a drill press comprising an upper plate reinforced with ribs radiating from its center, a lower corresponding plate provided with a plurality of symmetrically spaced slots, a plurality of sectional walls separating said plates, a central hollow shaft having at the upper end thereof a taper for attachment to a drill press spindle, attached to said plates extending upwardly beyond the upper plate and terminating with the lower plate, the above items constituting the framework of said attachment; a plurality of symmetrically spaced adjustable cutter holders contained within said framework and extending through the slots in the lower plate, a corresponding number of circular rotating cutting disks, one attached to each of said holders; threaded adjustable bolts passing through and rotatably held against the walls of the framework, said bolts being rotatably supported at their other ends by the central shaft and being screwed through tapped holes in the said cutter holders, said bolts being further provided with knurled heads and lock nuts; and each of said cutter holders being guided by a pair or guide bars which pass through said cutter holders and are anchored by the framework wall and the central shaft.

2,436,900
METHOD FOR THE REMOVAL OF TRACES OF WATER FROM MIXTURES OF HYDROGEN CHLORIDE WITH LOW-BOILING HYDROCARBONS
Perry L. Roberts, Bartlesville, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware
Application December 31, 1943, Serial No. 516,507
7 Claims. (Cl. 260—683.5)

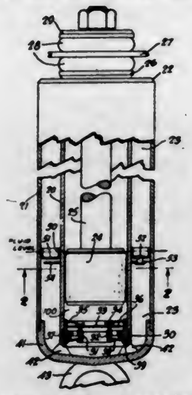


1. A process which comprises contacting normal butane in admixture with a minor catalyst-activating amount of hydrogen chloride in vapor phase with a solid aluminum chloride isomerization catalyst at isomerization conditions of temperature, pressure, and contact time to form isobutane, removing residual aluminum chloride from effluent vapors, subjecting conversion products comprising isobutane, unconverted normal butane, hydrogen chloride, and traces of water, to fractionation to recover a hydrogen chloride-rich vaporous stream containing a substantial proportion of said water, contacting said stream at a temperature within the range of 75 to 175° F. with a liquid aluminum chloride sludge derived from said catalyst and containing free aluminum chloride to remove water from said stream by reaction with said sludge, recovering unconverted normal butane from said conversion products and recycling to said catalyst, returning the thus-dried hydrogen chloride-rich stream to admixture with normal butane, and contacting said admixture with said catalyst as hereinabove described.

2,436,901
HYDRAULIC SHOCK ABSORBER
Edwin F. Rossman, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application September 13, 1945, Serial No. 615,997
3 Claims. (Cl. 188—88)

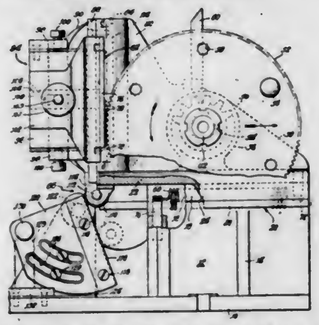
1. An hydraulic shock absorber comprising a cylinder; a piston in said cylinder; a fluid reservoir surrounding and in communication with said cylinder; fluid flow controlling means between the cylinder and reservoir; and means

fixed in the reservoir, below the minimum fluid level therein, for restricting the movement of



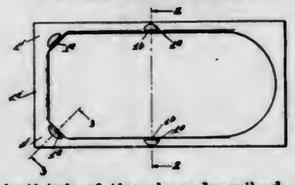
fluid in the reservoir to a greater degree in one direction than in the other.

2,436,902
GEAR GRINDING FIXTURE
John D. Rovick, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application February 1, 1945, Serial No. 575,640
17 Claims. (Cl. 51—123)



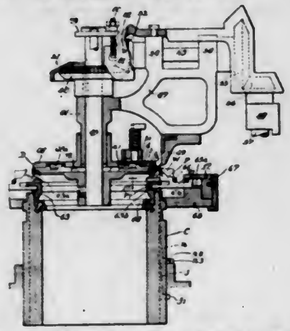
17. In combination with a rotatable grinding wheel; a gear grinding fixture comprising a base; and an assembly on said base comprised of two slides arranged for reciprocable movement in planes transverse to each other, the first slide being adapted for horizontal sliding movement on said base, the second slide being supported on the first slide for movement therewith and being adapted for vertical reciprocable movement independent of said first slide; rotatable driving means including a spindle carried by said first slide, said spindle being adapted to support a work gear and impart rotative movement thereto during engagement of a work gear tooth face with said grinding wheel; means on the second slide engaged with said rotatable driving means for effecting the aforesaid vertical reciprocable movement of said second slide; cam means interposed between said base and second slide and being effective during reciprocatory movement of the second slide to impart the aforesaid horizontal reciprocatory movement of the first slide, said assembly being so constructed and arranged that the work gear, during engagement with said grinding wheel, is rotated by said driving means and said work gear is also bodily moved transverse to its rotational axis by said second slide thereby to form a work face on a gear tooth; and indexing means effective to engage another tooth face of the work gear with said grinding wheel.

2,436,903
BATHTUB HANDHOLD CONSTRUCTION
Minnie M. Schafer, San Diego, Calif.
Application June 9, 1945, Serial No. 598,440
2 Claims. (Cl. 4—185)



1. A bathtub of the class described, consisting of a conventional bathtub having upwardly extending walls and corners at the intersection of said walls and hand hold portions extending across said corners and in integral connection with said intersecting walls.

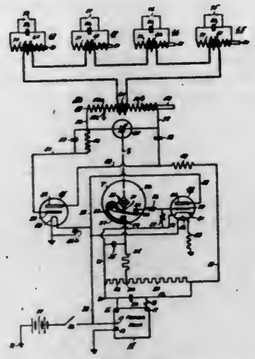
2,436,904
KNITTING MACHINE
Frederick M. Shea, Kankakee, Ill., assignor to Bear Brand Hosiery Co., Kankakee, Ill., a corporation of Illinois
Application July 19, 1945, Serial No. 605,983
30 Claims. (Cl. 66—92)



1. In a circular knitting machine, a series of cylinder needles, a series of dial needles, a series of sinkers arranged in operative relation to said cylinder needles, a series of auxiliary sinkers, means for operating some of said needles and said first named sinkers to knit a ribbed top with said auxiliary sinkers inactive, means for rendering said dial needles inactive, and means for then operating said cylinder needles and both series of sinkers to knit a body portion having terry loops.

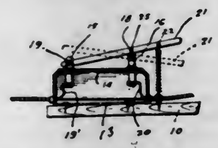
2,436,905
IGNITION SYSTEM
Brooks H. Short, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application May 14, 1946, Serial No. 669,497
3 Claims. (Cl. 315—210)

1. An ignition system comprising a resonator connected with a spark gap, an oscillator including a coil inductively coupled with the resonator, a variable condenser for tuning the oscillator to the resonator and a tube, a power source, main and auxiliary condensers charged by the source,



a thyratron through which the main condenser will discharge to the oscillator tube when the thyratron becomes conducting, and means for causing the auxiliary condenser to discharge to the grid of the thyratron to render it conducting.

2,436,906
CLOCK-CONTROLLED SWITCH
Theodore Svoboda, Fairbury, Nebr.
Application April 25, 1945, Serial No. 590,209
1 Claim. (Cl. 200—35)



In a device of the class described, a non-conducting casing, a contact supported adjacent one end of said casing, a contact supported adjacent the opposite end of said casing, each such contacts having a pair of apertured upstanding ears, a switch arm having apertures adapted to align with the apertures in the ears of the contacts, a spring for urging the switch arm to move in one direction, and a pivot pin adapted to be extended through either of one pair of ears or the other pair of ears and the respective openings in the switch arm whereby the switch may be used not only to establish the flow of current to a piece of equipment, but may also be used to discontinue the flow of current to a piece of equipment when moved in the same direction.

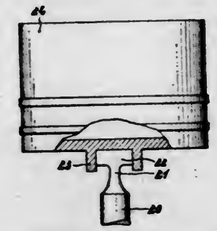
2,436,907
INDIRECTLY HEATED CATHODE
Russell F. Trimble, Cambridge, Mass., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War
Application June 23, 1945, Serial No. 601,119
6 Claims. (Cl. 250—27.5)

1. An indirectly heated cathode for a thermionic tube, said cathode comprising a hollow, metallic cathode cylinder, an electron-emissive layer on the outer surface of said cylinder, and a heater element within said cylinder, said heater



element comprising a flat, compressed, helical, ribbon-shaped coil rolled into a flat spiral.

2,436,908
FLEXIBLE CONNECTING ROD
Franciscus Lambertus Van Weenen and Willem Hendrik Stigter, Eindhoven, Netherlands, assignors to Hartford National Bank & Trust Co., Hartford, Conn., as trustee
Application September 4, 1945, Serial No. 614,348
In the Netherlands February 3, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires February 3, 1963
8 Claims. (Cl. 309—17)

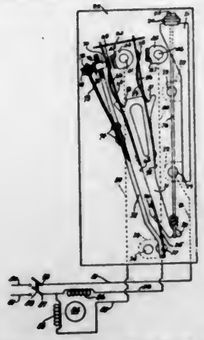


1. A device comprising a rectilinear reciprocating body, a driving mechanism, a driving rod comprising a substantially rigid portion interposed between the reciprocating body and the driving mechanism, and a substantially flexible member interposed between said rigid portion and said body, said flexible member constituting a resilient coupling between said rigid portion and said reciprocating body having a degree of movement at right angles to the axis of said rod and having a second degree of movement at right angles to the axis of the rod and at right angles to the said first degree of movement.

2,436,909
THERMOSTATIC SWITCH
Calvin J. Werner, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application April 11, 1945, Serial No. 587,755
3 Claims. (Cl. 200—113)

1. A control switch comprising, in combination, a stationary frame, a movable contact carrying member; flexible means securing said member to the frame; an actuator for said member; stationary contacts; flexible contact blades carried by said member and having over-center means for shifting said contact blades toward or away from said stationary contacts in response to a predetermined movement of the contact carrying member in one direction or the other respectively; a spacer bar between said blades; a stop engageable by one of said blades to limit its movement away from the stationary contact; and ther-

mal means secured to the frame and carrying the stop for adjusting its position relatively to the



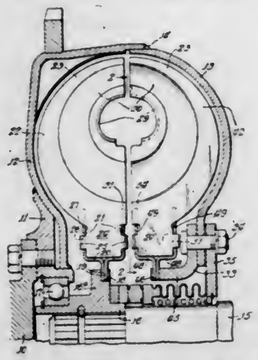
one of said blades in accordance with temperatures ambient to the switch.

2,436,910
COMMUTATOR BAR
Calvin J. Werner, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application April 10, 1946, Serial No. 660,886
3 Claims. (Cl. 171—320)



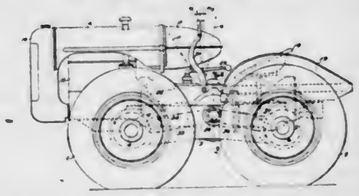
1. A composite commutator bar, keystone-shaped in cross section and comprising a core of comparatively tough metal having converging sides, two longitudinal edges, one wider than the other and two end edges, and a metal covering secured to all surfaces of the core excepting the end edges, said covering having a greater electrical conductivity than the core and being substantially thin on the two converging sides of the core and comparatively thicker on the wider, longitudinal edge of the core.

2,436,911
FLUID COUPLING
Reinhold C. Zeidler, Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application April 26, 1945, Serial No. 590,348
13 Claims. (Cl. 103—115)



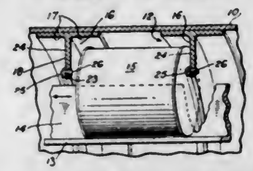
1. A hydraulic torque transmitting device comprising a rotatable vaned element; a housing for said element; said element comprising a hub member and a plurality of flexible vanes extending therefrom, said vanes having a flexible portion outside the working circuit of the fluid; and individually curved elements integral with said vanes, said curved elements collectively forming a core ring.

2,436,912
DRIVE CONTROL MECHANISM FOR MOTOR VEHICLES AND DETENT DEVICE THEREFOR
Albert W. Bonham, Jr., Salt Lake City, Utah, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware
Application December 8, 1945, Serial No. 633,811
12 Claims. (Cl. 180—17)



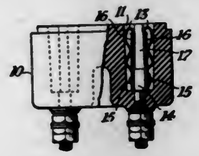
1. In a motor vehicle, in combination, two control members adjustable independently of each other within a predetermined idling range, power transmitting means adapted to drive a pair of traction devices and operative to drive one or the other of said traction devices in response to adjustment of one or the other of said control members, respectively, beyond said idling range, and a pair of releasable detent mechanisms associated, respectively, with said control members and operative to determine primary and secondary limit positions of each of said control members within said idling range, said detent mechanisms including locking means operative to lock said detent mechanisms as long as one of said control members is in its said primary limit position and to unlock said detent mechanisms upon adjustment of both of said control members to their said secondary limit positions.

2,436,913
CONTINUOUS COOKER-COOLER DRIVE
Eli Bourland, Millbrae Highlands, Calif., assignor to Pacific Can Company, San Francisco, Calif., a corporation of Nevada
Application June 4, 1945, Serial No. 597,544
4 Claims. (Cl. 99—365)



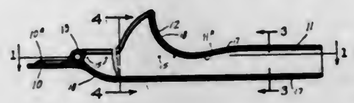
1. In a can-treating apparatus of the horizontal drum type employing a horizontally mounted rotatable reel having elongated pockets for conveying the cans in a generally helical path through said drum, and a track member therein surrounding said reel pockets and having a radial member adapted to advance each can axially in its respective pocket, said radial member having formed thereon a bead or rib-like antifriction bearing member extending axially outwardly from the wall of said radial member and from end to end of said member, whereby said bead is the only part of said track member in contact with a can end while guiding it in its pocket.

2,436,914
DETACHABLE ELECTRICAL CONNECTOR
Edgar W. Breisch, Edgewood, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application November 17, 1945, Serial No. 629,255
4 Claims. (Cl. 173—328)



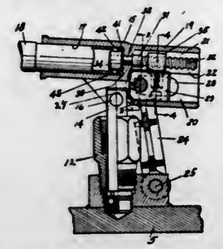
1. In a detachable electrical connector using a cylindrical plug, the combination comprising, a receptacle including two flat contact springs and two flat reenforcing springs, said contact springs mounted in a rectangular compartment of an insulation base to receive said plug and to engage diametrically opposite tangent lines of the plug, said reenforcing springs secured one to each of said contact springs to reenforce the pressure between the contact spring and said plug at the forward end of the spring, each said contact spring formed with a portion bent toward the rear of the spring; and each such bent portion of a contact spring formed with three arches, a first one of which engages a wall of the compartment near the forward end of the compartment, a second one of which arches exerts pressure on the associated contact spring at a point near the mid point of the line of contact of the contact spring and the plug, and a third one of which arches engages the wall of the compartment near the rear of the compartment.

2,436,915
BEDPAN SYSTEM
Fredrick W. Coffing, Danville, Ill.
Application April 20, 1945, Serial No. 589,332
9 Claims. (Cl. 4—112)



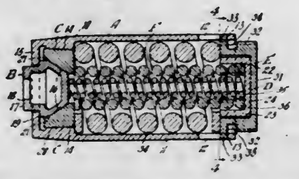
1. A comparatively thin bed pan including a pad-like base of appreciable area, a low rim defined shallow bowl formed therein and centrally disposed thereon and of appreciably less area than that of the base, a forwardly directed, centrally positioned, tubular discharge from the bowl adapted for connection at the outer end to a source of suction and disposed above and as a part of the base and merging into the rim at the intake end, and an upstanding guard at the junction of the intake end of the tubular discharge and the bowl, said discharge and guard being adapted to be positioned between and straddled by a patient's legs when the patient is seated upon the pan.

2,436,916
ADJUSTABLE FULCRUM FOR LEVER MECHANISMS
Frank B. Copeland, Dayton, Ohio, assignor to The Joyce-Cridland Company, Dayton, Ohio, a corporation of Ohio
Application April 10, 1944, Serial No. 530,337
21 Claims. (Cl. 254—1)



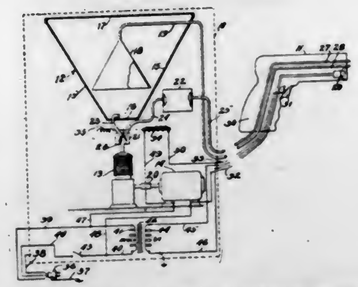
3. A lever mechanism comprising an operating member having means for operatively connecting the same with a part to be operated, a movable fulcrum, a member slidably supported on said operating member for movement lengthwise thereof and held against movement transversely thereto, means for connecting said slidable member with said fulcrum, a screw rotatably mounted on said operating member, means for operatively connecting said screw with said slidable member, a lever for imparting operative movement to said operating member and rotatable with relation thereto, and means for connecting said screw with said lever for rotation thereby.

2,436,917
FRICTION SHOCK ABSORBER FOR RAILWAY DRAFT RIGGINGS
George E. Dath, Mokena, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware
Application October 18, 1944, Serial No. 559,156
4 Claims. (Cl. 213—34)



1. In a friction shock absorber, the combination with a lengthwise extending casing having a friction shell section at one end; of a lengthwise movable spring cap telescoped within the other end of the casing; a retaining element for said spring cap, said retaining element having laterally projecting retaining lugs, and said casing having lengthwise extending slots closed at the rear end within which said lugs are engaged, the lugs of said retaining element clearing the interior side walls of the casing when the retaining element is tilted at an angle with respect to a transverse plane perpendicular to the longitudinal axis of the casing to permit insertion of the retaining element, said element when righted with the lugs transversely aligned with the slots having the lugs engaged in said slots; a friction clutch slidingly telescoped within the spring cage section of the casing; and spring means yieldingly opposing relative lengthwise inward movement of the clutch and spring cap.

2,436,918
MAGNETIC INSPECTION APPARATUS
Taber de Forest, Chicago, Ill., assignor to Magnaflux Corporation, Chicago, Ill., a corporation of Delaware
Application July 22, 1942, Serial No. 451,851
4 Claims. (Cl. 175—183)



1. Apparatus for testing a magnetized object for flaws and other defects comprising a closed hopper having paramagnetic powder therein, a hood in said hopper diverging downwardly a conduit communicating with the upper part of said hood and extending out of said hopper, an air compressor, a powder gun, said powder gun having a pair of conduits therein and extending out through the muzzle of said gun, one of said conduits in said gun being connected to the conduit in communication with the hood and the other of said conduits in said gun being connected to said air compressor, said air compressor also having a discharge conduit extending into the lower part of said hopper, and valve means in the discharge of said air compressor for selectively directing air to said hopper or directly to said gun.

2,436,919
FLY SPRAYS COMPRISING AN N-ALKYLPHTHALIMIDE AND DDT
Samuel I. Gertler and Herbert L. J. Haller, Washington, D. C., assignors to the United States of America, as represented by the Secretary of Agriculture
No Drawing. Application October 9, 1944, Serial No. 557,917
3 Claims. (Cl. 167—30)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

3. A method of destroying flying insects comprising contacting said insects with a composition containing a member selected from the group consisting of N-butylphthalimide and N-amylphthalimide as its essential knockdown agent and 2,2-bis(p-chlorophenyl)-1,1,1-trichloroethane as its essential active insecticidal ingredient.

2,436,920
FLY SPRAYS COMPRISING AN N,N-DIALKYLCINNAMAMIDE AND DDT
Samuel I. Gertler and Herbert L. J. Haller, Washington, D. C., assignors to the United States of America, as represented by the Secretary of Agriculture
No Drawing. Application October 9, 1944, Serial No. 557,918
3 Claims. (Cl. 167—30)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

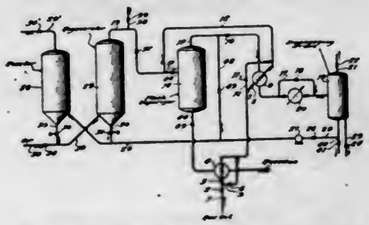
1. A fly spray comprising a member selected from the group consisting of N,N-dipropylcinnamamide and N,N-diisopropylcinnamamide as its essential knockdown agent and 2,2-bis(p-chlorophenyl)-1,1,1-trichloroethane as its essential active insecticidal ingredient, incorporated in a mineral oil carrier.

2,436,921
DIAL LOCK
Hallan E. Goldstine and Oswin F. Voigt, Port Jefferson Station, N. Y., assignors to Radio Corporation of America, a corporation of Delaware
Application March 22, 1944, Serial No. 527,597
4 Claims. (Cl. 188—83)



1. An article of manufacture including a support member having a slot and apertures adjacent thereto adapted to receive mounting means, a folded open ended spring located in and around the slot in said support member, a threaded stud passing through apertures in said spring, means located on one end of said stud for engaging the slot in said support member to prevent the turning thereof, and a threaded member positioned on said stud and arranged to close the open ended portion of said spring.

2,436,922
CATALYTIC CONVERSION PROCESS
Henry W. Grote, Downers Grove, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application June 28, 1946, Serial No. 679,891
5 Claims. (Cl. 196—52)

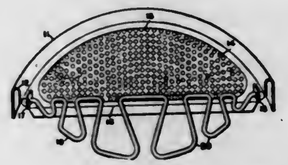


1. In a hydrocarbon conversion process wherein a hydrocarbon charge is contacted at conversion conditions with a solid conversion catalyst in a hydrocarbon conversion step thereby depositing carbonaceous contaminants on said catalyst and said contaminants are subsequently removed by combustion thereof with an oxygen-containing regenerating gas in a regenerating step, the improved method of preparing a suitable hydrocarbon charge for said hydrocarbon conversion step without the use of external heat which comprises subjecting a heavy hydrocarbon oil to indirect heat exchange with vaporization products obtained as hereinafter described, commingling the thus heated heavy oil with hot substantially oxygen-free effluent combustion gases from said regeneration step, flash vaporizing the resultant mixture to separate vaporization products comprising combustion gases and lower boiling hydrocarbon vapors from a higher boiling hydrocarbon residue, cooling said vaporization products by indirect heat exchange with said heavy hydrocarbon oil to condense said lower boiling hydrocarbon vapors, said heat exchange step and said hot combustion gases being substantially the sole sources of heat supplied to said heavy hydrocarbon oil, and supplying the resultant lower boiling hydrocarbon condensate to said conversion step as charge thereto.

2,436,923
DEMETHYLATION OF HYDROCARBONS IN PRESENCE OF WATER
Vladimir Haensel, Clarendon Hills, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application April 8, 1946, Serial No. 660,433
8 Claims. (Cl. 260—666)

8. A process for the demethylation of a hydrocarbon containing more than 4 carbon atoms per molecule and selected from the group consisting of paraffins, olefins, alkyl aromatics and saturated alkyl hydroaromatics, which comprises commingling water with said hydrocarbon in an amount of from about 2 to about 12 molecular proportions of water per molecular proportion of hydrocarbon, and subjecting the resultant mixture to reaction at a temperature of from about 180° to about 350° C. in the presence of an active hydrogenation catalyst comprising a metal of group VIII of the periodic table with an atomic number of at least 27.

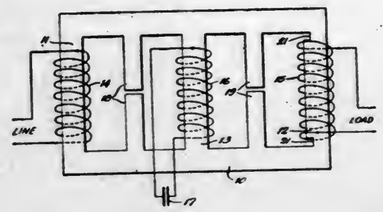
2,436,924
PAINTER'S ACCESSORY
Einer F. Hansen, Highland Park, Mich.
Application May 11, 1945, Serial No. 593,305
2 Claims. (Cl. 211—65)



1. In a device of the character described, an arcuate body portion having a rolled edge adapted to be supported over the edge of a paint can, a concave central portion having a plurality of apertures therein, and a brush rack comprising a wire bent and rebent upon itself, pivotly mounted on said body portion.

2,436,925
ELECTRIC REGULATING APPARATUS
Eugene H. Haug, Chicago, and Fred A. Hansen, River Forest, Ill.
Application December 31, 1943, Serial No. 516,364
3 Claims. (Cl. 171—119)

1. Electric regulating apparatus comprising a core of magnetic material having three interconnected legs, a winding on one of the legs connected to a source of alternating current, a winding on another of the legs connected to a load, a winding on the third leg, and a condenser connected across the last named winding, said other of the legs being so constructed and arranged that it will saturate prior to the remainder of the core.



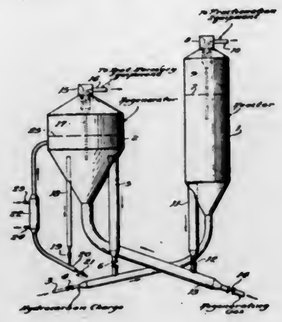
2,436,926
POLYMERIZATION OF ACRYLIC ACID NITRILES
Ralph Albert Jacobson, Landenburg, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application August 2, 1943, Serial No. 497,056
5 Claims. (Cl. 260—84)

1. A process for the polymerization of a member of the group consisting of (1) acrylic acid nitrile and (2) a mixture of acrylic acid nitrile together with a minor proportion of another copolymerizable, unsaturated compound, to obtain a dimethyl formamide-soluble polymer which consists in dissolving a member of the group consisting of (1) acrylic acid nitrile and (2) a mixture of acrylic acid nitrile together with a minor proportion of another copolymerizable, unsaturated compound and a water-soluble, oxygen-yielding peroxy catalyst compound in an amount of water sufficient only to provide a homogeneous solution and to satisfy the solubility characteristics of said nitrile at the running temperature employed, and then polymerizing said member of the group consisting of (1) acrylic acid nitrile and (2) a mixture of acrylic acid nitrile together with a minor proportion of another copolymerizable, unsaturated compound, at a temperature of from 20° C.–50° C.

2,436,927
PREVENTION OF AFTERBURNING IN FLUIDIZED CATALYTIC CRACKING PROCESSES
Louis S. Kassel, Riverside, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application November 29, 1943, Serial No. 512,116
8 Claims. (Cl. 196—52)

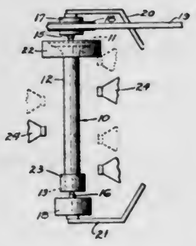
1. In the regeneration of subdivided silica-alumina catalyst particles contaminated with a combustible deposit wherein the catalyst is regenerated by passing an oxygen-containing gas upwardly through a mass of the contaminated particles in a regeneration zone at a rate regulated to form a lower dense phase of relatively high particle concentration and an upper light phase of reduced particle concentration and said deposit is burned in said dense phase, the method of preventing "afterburning" in said light phase which comprises subjecting to said regeneration a physical mixture of discrete particles of said silica-alumina catalyst with discrete particles of

a supported carbon monoxide oxidizing catalyst comprising a metal selected from the group consisting of copper, chromium, manganese, cobalt



and nickel, said discrete particles of carbon monoxide oxidizing catalyst comprising from about 0.0005 to about 0.01 percent by weight of the total catalyst mixture.

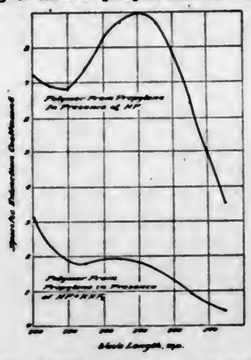
2,436,928
METHOD OF AND APPARATUS FOR MAKING POPPET VALVES
Robert A. Kempe, Cleveland, Ohio, assignor to Thompson Products, Inc., Cleveland, Ohio, a corporation of Ohio
Application September 2, 1944, Serial No. 552,395
4 Claims. (Cl. 123—188)



1. As an article of manufacture, a valve of the poppet type including a head and a stem, said stem having a guide portion the outer area of which is shot work hardened, said stem, however, having a ground surface only at said shot worked area and which is substantially free of pits.

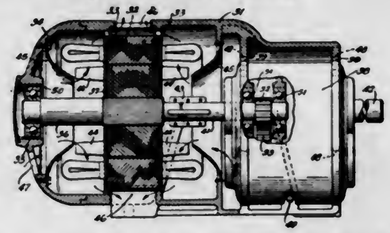
2,436,929
POLYMERIZATION OF OLEFINIC HYDROCARBONS
Carl B. Linn, Riverside, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application May 31, 1945, Serial No. 596,922
14 Claims. (Cl. 260—683.15)

12. A process for producing hydrocarbons of higher molecular weight which comprises polymerizing an olefinic hydrocarbon in the presence of a catalyst consisting essentially of a solution predominating in liquid hydrogen fluoride and containing a minor proportion of an inorganic



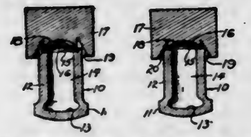
salt selected from the group consisting of the alkali metal fluorides and sulfates.

2,436,930
MOTOR REDUCER UNIT
Arthur Mackmann, Chicago, Ill., assignor to Foote Bros. Gear and Machine Corporation, Chicago, Ill., a corporation of Delaware
Application January 17, 1944, Serial No. 518,623
8 Claims. (Cl. 172—36)



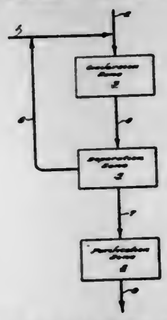
1. A motor reducer unit comprising an elongated unitary housing, a motor element secured to the housing, a cartridge type gear unit fitting into the housing adjacent one end including a closed casing and driving and driven shafts projecting rotatably from the opposite ends of the casing, an extension on the driving shaft rigid therewith and projecting past the motor element, a motor element on the extension, a bearing to support the end of the extension, and yielding means supporting the bearing in the housing.

2,436,931
METHOD OF PREVENTING SCALING DURING THE FORGING OF HOLLOW METAL ARTICLES
William J. Marencik, Parma, Ohio, assignor to Thompson Products, Inc., Cleveland, Ohio, a corporation of Ohio
Application August 25, 1944, Serial No. 551,195
5 Claims. (Cl. 29—156.7)



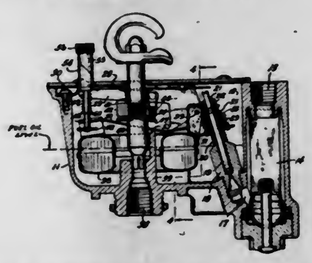
1. In the method of making a hollow head valve in which a cup-shaped blank is subjected to a series of hot forging operations, the improvement whereby scaling of the internal surface of the blank is prevented, which comprises applying an outwardly dished metal cap to the open end of said blank to seal the empty cavity therein, peening the metal of said blank about said cap to secure the same in place and seal the interior of said blank, and subsequently subjecting said blank to hot forging operations.

2,436,932
PRODUCTION OF POLYCYCLIC HYDROCARBONS
William J. Mattox, La Grange, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application April 25, 1945, Serial No. 590,213
4 Claims. (Cl. 260—668)



1. A process for producing naphthalene which comprises reacting a charging stock comprising essentially mono-ethylbenzene at a temperature of from about 525° to about 700° C. and a liquid hourly space velocity of from about 0.1 to about 3.0 in the presence of a synthetically prepared catalyst comprising silica and at least one metal oxide selected from the group consisting of alumina, thoria, and zirconia.

2,436,933
DIFFERENT DENSITY FUEL LEVEL CONTROL DEVICE
Lourdes V. McCarty, Milwaukee, Wis., assignor to Automatic Products Company, Milwaukee, Wis., a corporation of Wisconsin
Application November 5, 1943, Serial No. 509,096
5 Claims. (Cl. 137—68)



1. In a constant liquid flow control device, a casing defining a chamber having inlet and outlet passages, a valve controlling the flow of liquid through the inlet passage into the chamber, a float designed for a given buoyancy in a liquid of low specific gravity and connected with said valve to actuate the same upon rise in level of liquid in the chamber, a lever pivotally mounted in the chamber and arranged normally to rest at one end thereof on said float, lever raising means, means mounting said lever raising means in operative relation to said lever to raise said lever out of engagement with said float, and means engageable with a part of said lever raising means as said latter means reaches a predetermined position to releasably lock the lever raising means in position to retain said lever out of engagement with said float to retain the predetermined buoyancy thereof upon flow through the chamber of liquid of the given specific gravity.

2,436,934
BRISTLE TUFT AND HOLDING BAR
Niels E. Nielsen, Summit, and Fred G. Stirling, Maplewood, N. J.
Application April 18, 1945, Serial No. 588,970
4 Claims. (Cl. 15—199)



1. A brush comprising a support bar, said bar having a plurality of openings therethrough, a collar extending from said support at each of said openings, looped tufts of bristles arranged in said collars and extending through said openings, a retaining pin extending through the looped portions of said tufts and along the free ends of said collars and a channel member overlapping said looped portions and said collars, the effective length of said retaining pin located entirely inside of said channel member, said channel member located entirely outside of said collars, and means for securing said channel member to said bar.

2,436,935
FASTENER FOR TYING ELEMENTS
Albert A. Ohler, Detroit, Mich.
Application September 7, 1945, Serial No. 614,988
2 Claims. (Cl. 24—18)

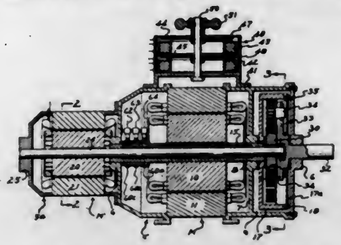


1. A cord fastener comprising an elongated plate having first and second longitudinal edges and having a pair of end cord apertures spaced apart from one another near the opposite ends of said plate and a third cord aperture intermediate said end apertures and located nearer one end aperture than the other end aperture, one end of said plate being tapered obliquely from said first edge toward said second edge and the other end of said plate being tapered obliquely from said second edge toward said first edge.

2,436,936
VARIABLE-SPEED DRIVE
Herbert E. Page, Pasadena, Calif.
Application May 22, 1944, Serial No. 536,698
4 Claims. (Cl. 318—8)

4. A variable speed device comprising, in combination with a driven shaft, a planetary unit including ring, sun and planet gears, said planet gears being operatively connected to the driven shaft, a drive shaft operatively connected to one of the other gears, a main electric motor operatively connected to the drive shaft, a second drive

shaft operatively connected to the other gear, a control motor operatively connected to the latter shaft, electrical conductors connecting the stator of the control motor with the rotor of the main motor whereby to operate the control motor



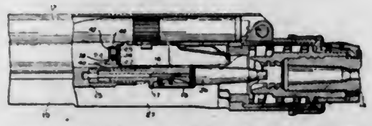
by current generated by the main motor, and a voltage regulator operatively connected with said conductors to variably control said operation of the control motor, the speed of said driven shaft thereby being automatically variable in response to relative variations in operation of the motors.

2,436,937

SHELL EJECTING MECHANISM FOR MACHINE GUNS

Francis I. Rataiczak, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application May 23, 1945, Serial No. 595,265
10 Claims. (Cl. 42—25)



1. In a rapid fire machine gun having a receiver, a receiver cover, shell ejecting mechanism comprising a mounting bar extending transversely of the receiver between the cover and the receiver, a shell engaging cam depending from said bar and arranged so as to engage the upper rear edge of each empty shell upon extraction of the shell from the gun barrel, and means for adjustably mounting said bar, said bar and said receiver cover having complementary cam surfaces in sliding engagement with one another and arranged at an angle relative to the horizontal axis of the gun, said cam surfaces being so arranged whereby rearward movement of said bar will cause downward movement of said bar, and spring means urging said surfaces into engagement with one another.

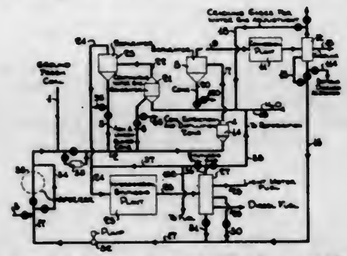
2,436,938

METHOD OF PRODUCING MOTOR FUEL

Walter G. Scharmann, Westfield, and Frank T. Barr, Summit, N. J., assignors to Standard Oil Development Company, a corporation of Delaware

Application February 22, 1945, Serial No. 579,300
13 Claims. (Cl. 196—56)

1. A continuous method of producing liquid motor fuels from coal which comprises continuously suspending powdered coal in a hydrocarbon oil being essentially free of cyclic hydrocarbons and having an end boiling point of between about 700° and 800° F. in a mixing zone to obtain a suspension containing substantially more than 50% by weight of coal, continuously conveying said suspension to a distillation-extraction zone, maintaining in said distillation-extraction zone conditions of residence time and temperatures not exceeding about 700° to 800° F. adapted to cause substantial removal of the volatile constituents from said coal, continuously separating distillate from coked residue, continuously withdrawing coked residue from said distillation-extraction zone, reacting at least a portion of said coked residue with steam



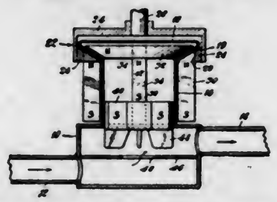
to produce water gas, recovering from said water gas a mixture of carbon monoxide and hydrogen suitable for the catalytic synthesis of liquid hydrocarbons therefrom, reacting said mixture in contact with a synthesis catalyst to obtain a synthetic hydrocarbon oil, recovering from said synthetic hydrocarbon oil a fraction being essentially free of cyclic hydrocarbons and having an end boiling point similar to that of the first-mentioned hydrocarbon oil, continuously recycling said fraction to said mixing zone and recovering liquid motor fuels from said distillate.

2,436,939

MAGNETIC COUPLING AND BEARING

Howard L. Schug, Palo Alto, Calif., assignor to The Hoover Company, North Canton, Ohio, a corporation of Ohio

Application October 21, 1943, Serial No. 507,097
9 Claims. (Cl. 172—284)



1. A magneto-drive device comprising, an annulus of magnetic material, circumferentially arranged axially extending magnet means secured to said annulus, said magnet means having opposite poles at opposite ends, and a pair of magnetic discs connected by magnet means rotatably mounted within said annulus and said axially extending magnet means, said second magnet means having its north and south poles at the same ends as said first magnet means.

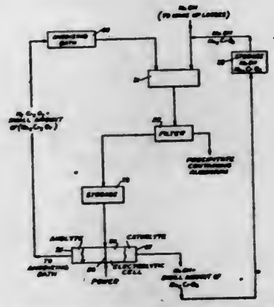
2,436,940

METHOD OF REGENERATING ANODIZING BATHS

Joseph Schulein, Corvallis, Oreg.

Application August 2, 1946, Serial No. 688,038
15 Claims. (Cl. 204—130)

1. A method of regenerating a chromic acid anodizing solution having a pH value less than 3 and containing undissociated aluminum dichromate, which comprises adding an alkaline agent of the class consisting of sodium hydroxide, potassium hydroxide, lime, calcium hydroxide and calcium carbonate to said solution to increase its pH value to not less than 3 and form an aluminum hydroxide precipitate, separating said precipitate from said solution, and thereafter removing the metal ions of said alkaline agent to adjust the pH value of said solution to less than 1.3.



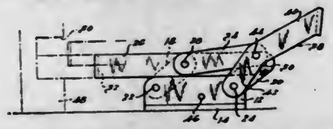
9. A method of controlling the pH value of a chromic acid bath for anodizing aluminum-containing articles, comprising segregating a portion of said bath, adding lime to said portion to adjust the pH value of said portion to at least 3.0 and precipitate an aluminum compound in said portion, filtering said portion to remove the insoluble aluminum compound, adding sulfuric acid to the filtrate to adjust its pH value to between about 0.6 and 1.3, removing any precipitate formed thereby and adding the filtrate to the remainder of said bath.

2,436,941

TOGGLE CLAMP

Jack J. Sendoykas, Detroit, Mich.

Application March 28, 1945, Serial No. 585,348
3 Claims. (Cl. 144—290)



3. A clamp comprising a base; a pressure bar arranged adjacent to said base and having a projecting work engaging portion disposed laterally of said base; a pair of substantially parallel links extending between said bar and said base; pivots connecting said links to the bar and to the base, said pivots arranged generally in the form of a parallelogram; a handle; a link pivoted at one end to the handle intermediate the ends of the latter, said link and an end portion of said handle forming a toggle, and said toggle pivoted at its ends to a diametrically opposed pair of said pivots.

2,436,942

SEAL FOR FLOATING ROOF TANKS

Edgar E. Shanor, Sharon, Pa., assignor to General American Transportation Corporation, Chicago, Ill., a corporation of New York

Application March 23, 1944, Serial No. 527,689
2 Claims. (Cl. 220—26)

1. The combination of a storage tank for liquid having a vertical cylindrical wall, a roof deck floated upon the liquid in the tank and having a peripheral vertical wall annularly spaced from the tank wall, an annular series of plates disposed in said annular space and having their lower ends curved for contact with the tank wall and their upper ends extending above the deck wall, a pair of fulcrum bolts having outwardly turned upper ends extending through said plates for pivotally supporting the plates and having



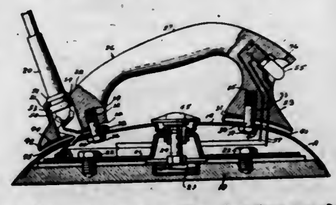
vertically disposed shank portions adjustably mounted on the inner side of said deck wall to adjust the contact of said plates with the tank wall relatively to the liquid level, a flexible continuous curtain secured at its inner edge to the deck wall and at its outer edge to the said plates below the liquid level, and spring devices acting upon said plates above said fulcrum bolts for yieldingly urging the plates in contact with the tank wall.

2,436,943

ELECTRIC FLATIRON

Leland H. Snyder, Chicago, Ill., assignor, by mesne assignments, to Quality Appliances, Inc., Chicago, Ill., a corporation of Illinois

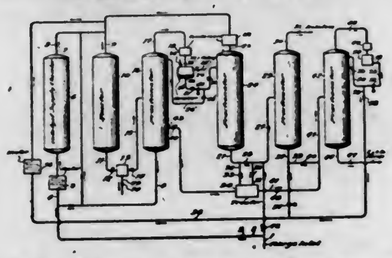
Application November 29, 1944, Serial No. 565,610
6 Claims. (Cl. 38—89)



5. In a flatiron construction having a sole plate and a shell mounted thereon with a top surface and side portions, a handle having a generally longitudinally extending grip portion and a pair of integral pedestal portions extending angularly from said grip portion at the ends thereof, means including stud bolts having ends relatively rigidly mounted in bores in said pedestal portions and passing through openings in said shell top surface for mounting said handle on said shell with adjacent surfaces of said pedestal and said shell top surface in spaced relation so as to allow limited movement between said pedestal portions and said shell, and a pair of reverse bent spring clips between said adjacent surfaces of said pedestals and said shell top surface for resiliently biasing said handle pedestal portions to the limit of their movement away from said

shell top surface so that said pedestal portions may be relatively independently moved toward and away from said shell top surface during ironing operation.

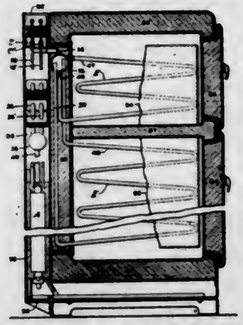
2,436,944
ISOMERIZATION OF SATURATED HYDROCARBONS
Robert E. Sutherland, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application March 31, 1945, Serial No. 585,995
10 Claims. (Cl. 260—683.5)



1. In the catalytic isomerization of saturated hydrocarbons wherein the hydrocarbon is subjected to the action of a metal halide isomerizing catalyst in the presence of a hydrogen halide under isomerizing conditions and wherein sludge formed in the reaction is separated from the remaining reaction products, said saturated hydrocarbon being more volatile than said catalyst, the improvement which comprises introducing said remaining reaction products to a fractional distillation zone and therein fractionally distilling said products to separate an overhead product containing isomerized hydrocarbons formed in the reaction and the hydrogen halide from a liquid bottoms product containing dissolved metal halide, returning at least a portion of said bottoms product to the isomerization step, withdrawing from the fractional distillation zone at a point below that at which said remaining products are introduced, a vapor stream of hydrocarbons lower in metal halide concentration than the liquid in equilibrium therewith and comprising hydrocarbons higher boiling than said saturated hydrocarbon, and recovering said vapor stream.

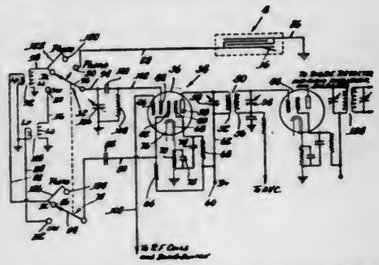
2,436,945
TWO TEMPERATURE ABSORPTION REFRIGERATING APPARATUS AND METHOD
Otis B. Sutton, North Canton, Ohio, assignor to The Hoover Company, North Canton, Ohio, a corporation of Ohio
Application June 10, 1942, Serial No. 446,471
10 Claims. (Cl. 62—118)

1. The method of maintaining a temperature differential in two zones by means of an intermittently operating absorption refrigerating apparatus including an evaporator having coils in heat exchange relationship with said zones and in open communication with a common source of supply of liquid refrigerant supplied by said intermittently operating absorption refrigerating apparatus comprising, the steps of reducing the vapor pressure in the coils of the two zones by operating said intermittently operating absorption refrigerating apparatus on the absorption phase of operation to thereby evaporate liquid refrigerant in the coils of each zone at the same temperature and at a rate depending upon the load on the respective zones, discontinuing the evaporation of liquid refrigerant in the coil of the zone to be maintained at a higher temper-



ature while continuing the evaporation of liquid refrigerant in the coil of the zone to be maintained at a lower temperature and maintaining the same vapor pressure in the coils of each zone throughout all of the foregoing steps.

2,436,946
CAPACITY-TYPE PHONOGRAPH PICKUP
Frank B. Tatro, Chicago, Ill., assignor, by mesne assignments, to Virgil A. Hamilton, Chicago, Ill.
Application April 10, 1941, Serial No. 387,792
2 Claims. (Cl. 179—100.41)

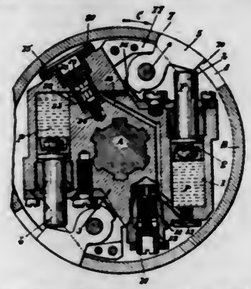


1. A sound record pick-up comprising a supporting bracket of insulating material, a condenser including a stack of flexible, metal plates with dielectric material therebetween, alternate plates having wings at opposite ends, said bracket and wings being slidably interlocked to yieldably mount said plates on said bracket and a record traversing stylus secured to one of said plates to effect approaching and recessive yielding movements of the plates.

2,436,947
OVERLOAD RELEASE CLUTCH
Pierre Louis André Vergne, Saint-Cloud, France, assignor to Société "Elox," Courbevoie, France, a society of France
Application February 2, 1945, Serial No. 575,862
In France November 23, 1943
11 Claims. (Cl. 192—56)

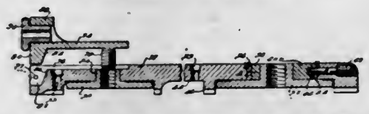
1. A device of the type described which comprises, in combination, two coaxial rotary members adapted to be driven one by the other, at least one clutch pawl movably carried by one of said members for coupling it with the other, said pawl being pivoted to said first mentioned mem-

ber about an axis parallel to the rotation axis thereof so that, in its position of engagement with said second mentioned member, it is urged toward its disengaged position by the torque transmitted through itself from one member to the other, an abutment carried by said first mentioned member for limiting the rotation of said pawl about its axis to its position of engagement with said second mentioned member, spring means for urging said pawl toward said abutment, a hydraulic jack including a cylinder carried by said first mentioned member at right angles to said rotation axis, a piston slidable in



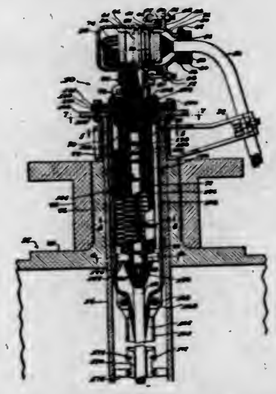
said cylinder, and a rod carried by said piston and in contact with said pawl, said rod being adapted, in the expanded position of said jack to cooperate with said pawl for holding it in engaged position while transmitting, in series therewith, the torque thrust from one member to the other, and a loaded discharge valve for said jack carried by said first mentioned member adapted to open in response to a rise of the liquid pressure in said cylinder above a given value, thus permitting said pawl to be forced into disengaged position by any torque to be transmitted therethrough that exceeds a given value.

2,436,948
MOUNT FOR GUN SIGHTS
Harvey A. Williams, Davison, Mich.
Application July 14, 1945, Serial No. 605,151
11 Claims. (Cl. 33—50)



1. A mounting for a telescopic gun sight comprising a mounting plate adapted for attachment to the gun, said plate being formed with a relatively flat top surface, a pair of spaced vertical apertures, and mounting pads adapted to seat solidly on the gun and hold portions of the plate spaced therefrom; a thumb nut disposed with its head portion below the plate and its shank portion mounted for rotation in one of said apertures; a disk rotatably mounted in the other of said apertures and provided with an eccentric opening; a second thumb nut disposed with its head below the plate and its shank rotatably mounted in said eccentric opening; means for holding the disk in a selected adjusted position; a pair of mounting elements adapted to be fastened to the telescope and having heavy base portions formed with flat bottom surfaces; and studs carried by said base portions and adapted to threadedly engage the shank portions of respective thumb nuts and to pull the bottom surfaces of the base portions flatly against the top of the plate, the arrangement being such that the said telescopic sight can be fixedly attached to the mounting plate by manually rotating the thumb nuts in one direction or disengaged from the plate by rotating the thumb nuts in the opposite direction.

2,436,949
SWIVEL ELECTRICAL CONNECTOR WITH FLOATABLE MEANS
Alf E. Anderson, Milton, Mass.
Application July 24, 1943, Serial No. 496,013
7 Claims. (Cl. 173—324)

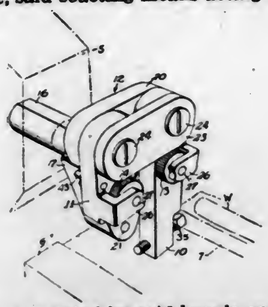


1. In a ship to shore communication system, the combination with a swivel connector and floatable means for supporting the connector in the sea, said connector comprising a relatively stationary contact unit attached to and movable with said supporting means, and a movable contact unit arranged to cooperate with and mounted to rotate with relation to said relatively stationary unit, of a cable detachably connected to the rotatable member of the connector and leading to the ship, and a second cable leading to shore and connected to the stationary member of the connector, and cable clamping means comprising an outrigger bracket mounted to rotate about said floatable supporting means for clamping said detachably connected cable to permit rotation with said rotatable unit, said floating connector serving to permit the ship to drift around the same without interruption of communication from ship to shore.

2,436,950
KNURLING TOOL
Harry Boyar, Oak Park, Ill., assignor to Boyar-Schultz Corporation, Chicago, Ill., a corporation of Illinois
Application January 24, 1945, Serial No. 574,394
10 Claims. (Cl. 80—5.1)

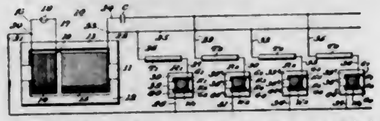
1. A knurling tool comprising, in combination, a supporting element, a pair of levers pivotally mounted on said element in laterally spaced relation and adapted to carry revoluble knurls positioned to engage opposite sides of a workpiece, means for rocking one of said levers about its pivot to feed the knurl carried thereby to the workpiece, and means on said one lever coacting with means on the other lever for simultaneously rocking said other lever by movement of the first

lever to feed the knurl carried thereby to the workpiece, said coacting means acting to equalize



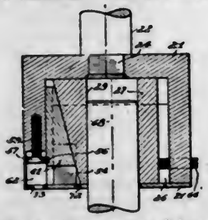
the pressure exerted by said knurls on the workpiece.

2,436,951
LUMINESCENT TUBE SYSTEM AND APPARATUS
John Herold Bridges, Paterson, N. J., assignor, by mesne assignments, to National Inventions Corporation, a corporation of New Jersey
Application August 12, 1943, Serial No. 498,344
3 Claims. (Cl. 315—257)



1. A gaseous electric discharge tube lighting system, comprising in combination, a transformer; at least four gaseous electric discharge tubes; a connection from one side of said transformer to the one ends of said tubes; two connections from the other side of said transformer, one being connected to the other ends of one half of said number of tubes and the other being connected to the other ends of the other one half of said number of tubes; current-limiting self-inductances corresponding in number to said number of tubes, each of said inductances having a magnetic core with included air-gap, individually connected in series with said tubes; and a condenser connected in series with one of said two output leads for effecting a phase shift with respect to the other of said output leads.

2,436,952
MACHINE TOOL ATTACHMENT
Edward L. Conkey, Seneca Falls, N. Y.
Application March 1, 1945, Serial No. 580,317
2 Claims. (Cl. 279—6)



1. An attachment for a machine tool having a spindle with an axis of rotation, said attachment having a shank adapted for reception in the normal tool holding opening of the machine comprising, in combination, a housing secured to said shank, a tool holder having a bore for the reception of a tool, said tool holder having two adjacent sides which extend in planes at right angles to each other and parallel to the axis of the bore and said tool holder having two other adjacent sides which are planary and inclined with respect to the axis of the bore, a pair of wedge elements each having a wedge surface adapted to cooperate with an inclined side of said tool holder, means for adjusting said wedges to shift the tool holder so that the axis of the bore and the axis of the spindle are in alignment with each other, means extending through the housing for engaging the first two sides of the tool holder and clamping it in an adjusted position, said tool holder having a threaded opening and said housing having an elongated slot, and means extending through said elongated slot and said threaded opening for clamping the shank of a tool in said bore.

2,436,953
SHOE CLEANING GUARD
Helen Cronin, Cincinnati, Ohio
Application August 13, 1946, Serial No. 690,225
3 Claims. (Cl. 36—72)



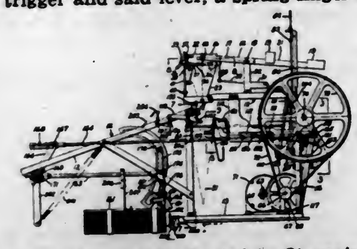
2. A shoe cleaning guard comprising an elastic sheet of material, a central opening formed in said sheet for placement of said sheet over a shoe adjacent the juncture of the sole and upper thereof, rigidifying members adjacent said opening to stiffen said guard adjacent the instep portions of said shoe when said guard is placed over said shoe, said guard being adapted to be folded over said sole to guard the same while cleaning the upper of the shoe and to be folded back over the upper when cleaning the sole of said shoe.

2,436,954
PRINTING INK
Richard A. Denton, Riverton, N. J., assignor to Sun Chemical Corporation, a corporation of Delaware
No Drawing. Application January 29, 1944, Serial No. 520,320
8 Claims. (Cl. 260—7)

1. A printing ink vehicle of the character described which is press stable at normal pressroom temperatures, comprising as essential ingredients in admixture a solvent for the binder which is also water-miscible and which is selected from the group consisting of water-soluble glycols and monoethers thereof, a water precipitatable binder constituent in said solvent, and heat-reacted neutral resinate of an alkylolamine in proportion falling within the range of 5 per cent to 43 per cent of said vehicle.

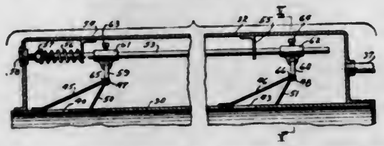
2,436,955
BAG HANDLING MACHINERY
Wesley Dodge, Oakland, Calif., assignor to Paterson Parchment Paper Company, Bristol, Pa., a corporation of New Jersey
Application April 7, 1945, Serial No. 587,157
8 Claims. (Cl. 226—49)

1. A bag engaging unit comprising a pair of spaced T-members, a lever hinged between said members, a T-shaped trigger hinged at one end of the cross bar of the trigger at the end of the stem of the T of said members, a spring between said trigger and said lever, a spring finger on an



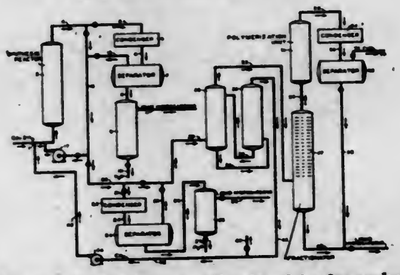
end of said lever and adapted to fit against the bottom of the stem of said T-trigger, and a pair of bag engaging presser feet secured to said T-trigger stem.

2,436,956
SNOWPLOW
Louis Du Pras, Marquette, Mich.
Application July 23, 1945, Serial No. 606,546
10 Claims. (Cl. 37—42)



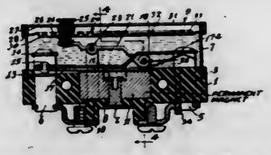
1. In combination, a snowplow moldboard having a plurality of manifolds mounted in spaced relationship on the rear surface thereof, the face of said moldboard being apertured at places corresponding with the positions of said manifolds to communicate therewith, angularly disposed baffle plate means in said manifolds adjacent said apertures for directing compressed air developed in said manifolds substantially along the faces of said manifolds, and damper means disposed in the path of air flow from said manifolds to said apertures to control the passage of air therethrough.

2,436,957
CATALYTIC SYNTHESIS OF HYDROCARBONS WITH CONTROLLED RECYCLE OF CARBON DIOXIDE
Du Bois Eastman, Scarsdale, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Application December 20, 1945, Serial No. 636,226
8 Claims. (Cl. 260—449.6)



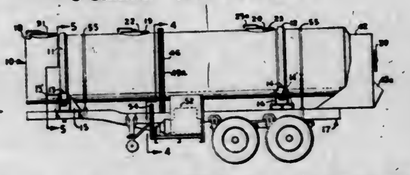
6. In the catalytic synthesis of hydrocarbons, oxygenated hydrocarbons and the like, by the reduction of carbon monoxide with hydrogen in a reaction zone under reaction conditions including an elevated temperature, wherein a fresh feed synthesis gas comprising substantial relative proportions of hydrogen and carbon monoxide is contacted with a synthesis catalyst effective under said reaction conditions, the improvement which comprises continuously withdrawing said reaction products from contact with said catalyst after substantial conversion to desired products, subjecting a minor proportion of the normally gaseous products of reaction at least equal in quantity to the net production of normally gaseous reaction products, to treatment for the recovery therefrom of contained carbon dioxide, recycling said carbon dioxide at least in part to said reaction zone and recycling the residual major portion of the normally gaseous products of reaction to the reactor in combination therewith.

2,436,958
SWITCH
Irwin W. Eisenberg, Alhambra, Calif.
Application January 31, 1944, Serial No. 520,378
1 Claim. (Cl. 200—168)



In a device of the class described, a closed liquid filled casing having a switch member therein mounted for movement in response to a predetermined force, said casing having an actuating diaphragm portion, means operatively connecting said diaphragm portion with the said switch member to move the same upon flexing of the said diaphragm portion, a second diaphragm portion being so positioned that flexing thereof will not directly effect movement of said switch member and being sufficiently flexible to flex under a force less than said predetermined force whereby it will flex under forces induced by contraction of said liquid before sufficient force is induced to move said switch member.

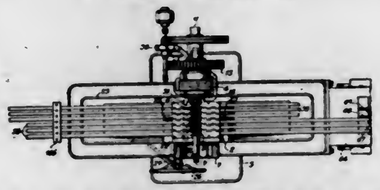
2,436,959
VEHICLE TRANSPORTING MEANS
Hursel L. Ekin, Galion, and Joseph O. Young, Rocky River, Ohio, assignors to The Galion Metallic Vault Company, Galion, Ohio, a corporation of Ohio
Application June 17, 1946, Serial No. 677,378
3 Claims. (Cl. 214—83.32)



1. In combination, a container, inlet means distributed over the length of said container to allow filling of the latter, one end of said container being cone shaped and comprising outlet means for discharging the material from said container, chute means adjacent said outlet means, closure means operable selectively for

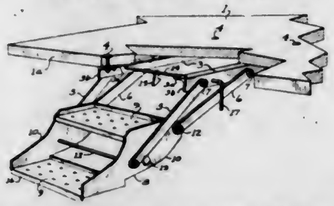
opening and closing said outlet means, conveying blades connected to the inside of said container and operable to convey material to said outlet means, supporting means for rotatably supporting said container and rotating means associated with said container for rotating the latter to thereby actuate said conveying blades, said rotating means including sprocket means, a chain passing over said sprocket means, and gear segments engaged by said chain and mounted on the outside of said container.

2,436,960
APPARATUS FOR MILLING
Paul H. Fassnacht, West Nyack, N. Y., assignor to Precision Shapes, Inc., New York, N. Y., a corporation of New York
Application June 17, 1943, Serial No. 491,157
11 Claims. (Cl. 90—18)



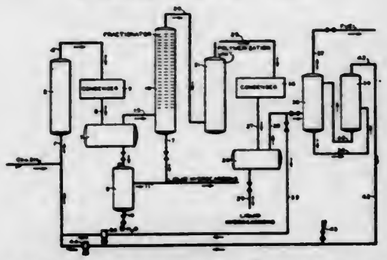
11. In an apparatus for milling, in combination, a cutter, a jig for guiding the work in a path, said jig having an aperture to admit the cutter to the work and said cutter substantially closing the aperture when in operative position, means to advance the work through the jig, said jig including means substantially enclosing the work on one side of said path with respect to the cutter and gripping the work under tension at the cutter.

2,436,961
RETRACTABLE VEHICLE STEP
Christopher K. Gabriel, Portland, Oreg.
Application May 24, 1944, Serial No. 537,115
4 Claims. (Cl. 280—166)



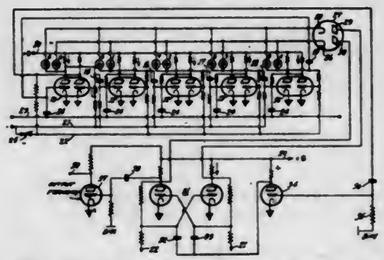
1. A retractable step structure for a vehicle comprising a pair of rails adapted to be secured in spaced relation to an undersurface of said vehicle, pairs of spaced, elongated arms pendently supported from each of said rails, an integral bucket-like step pivotally secured between said pairs of arms and adapted to be swung from an extended position beyond the ends of said rails to a retracted position closely beneath the latter, a stop member projecting laterally from one of said sides and positioned to be engaged on one face by one of said arms when said step is swung to extended position, the other arm of said pair, not engaged by said stop, being straight and extending substantially in a line passing through the engaging face of said stop and the pivot connection of said engaging arm with said step, when the step is in extended position, to brace and hold said step against retraction.

2,436,962
CATALYTIC PROCESS FOR THE SYNTHESIS OF HYDROCARBONS AND THE LIKE FROM HYDROGEN AND THE OXIDES OF CARBON
Leon P. Gaucher, Mount Vernon, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Application December 6, 1945, Serial No. 633,248
5 Claims. (Cl. 260—449.6)



1. In the catalytic conversion of carbon monoxide and hydrogen into hydrocarbons, oxygenated hydrocarbons and the like, the method which comprises contacting a mixture of carbon monoxide and hydrogen with a catalyst in a reaction zone, effecting catalytic conversion of said carbon monoxide and hydrogen into hydrocarbons, oxygenated hydrocarbons and the like under suitable conditions of temperature and pressure, obtaining an effluent from said reaction zone comprising normally gaseous and liquid hydrocarbons, steam, carbon dioxide and unreacted carbon monoxide and hydrogen, separating normally gaseous components of said effluent from the normally liquid hydrocarbons and water, polymerizing olefins present in said separated gases by contact with a suitable catalyst, thereby forming liquid hydrocarbons, separating the residual gases from said liquid hydrocarbons, dividing said residual gases, comprising normally gaseous hydrocarbons, carbon monoxide, hydrogen and carbon dioxide into a minor portion and a major portion, recycling said major portion directly to said reaction zone, separating carbon dioxide from the minor portion and recycling said carbon dioxide to reaction zone.

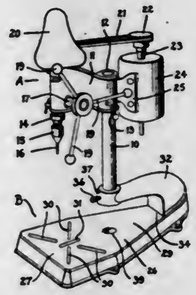
2,436,963
ELECTRONIC COUNTING CHAIN WITH DECIMAL INDICATORS
Igor E. Grosdoff, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application February 26, 1944, Serial No. 523,968
3 Claims. (Cl. 235—92)



1. The combination of a plurality of trigger units coupled together to form a closed loop and each having a pair of electron discharge

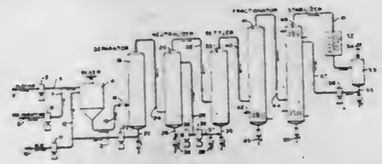
elements, a pair of diode elements, switching means connected to apply different potentials to the anodes of said diodes, a plurality of indicators arranged in pairs each of which pairs has one pair of its terminals connected together to one anode of a different trigger unit and has the other pair of its terminals connected separately to the cathodes of said diode elements, and means responsive to completion of the operating cycle of said loop for operating said switching means to interchange the potentials of the anodes of said diodes.

2,436,964
DRILL PRESS
Robert McFall Jones, Bellevue, Nebr., assignor to Ralph Wilson Jones, Sr., St. Paul, Minn.
Application September 11, 1944, Serial No. 553,557
1 Claim. (Cl. 77—19)



A drill press comprising a base, an arm having one end secured to said base to extend upwardly therefrom, said arm having a free end extending laterally to position the free end laterally spaced from the end thereof connected to said base, a standard adjustably secured to said free end of said arm, a spindle support extending laterally from said standard, and a socket in said base of a diameter to receive the lower end of said standard in one adjusted position thereof and to hold said standard from lateral movement.

2,436,965
ALKYLATION OF HYDROCARBONS
Karl Korpi and Arthur R. Goldsby, Port Arthur, Tex., assignors, by mesne assignments, to The Texas Company, New York, N. Y., a corporation of Delaware
Application June 18, 1937, Serial No. 148,978
12 Claims. (Cl. 260—683.4)



1. Process of alkylating isoparaffins with olefins which comprises contacting isoparaffin and olefin with sulfuric acid of alkylating concentration, and maintaining a low concentration of alkyl ester initial reaction product corresponding to a gasoline product of unsaturation below about 2%.

6. A process for the alkylation of hydrocarbons, which comprises maintaining a circulating stream of strong sulfuric acid in a closed circuit, introducing into said stream an olefin and a low-boiling isoparaffin in such amounts that a molar excess of isoparaffin to olefin is maintained in the mixture and alkylating conditions are maintained, whereby isoparaffin is alkylated by the olefin, withdrawing reaction products from said stream and separating from the products withdrawn the alkylated hydrocarbons.

2,436,966
PHOTOGRAPHIC EXPOSURE METER
Joseph Antoine Legris, Toronto, Ontario, Canada
Application October 1, 1945, Serial No. 619,463
20 Claims. (Cl. 235—64.7)



1. A photographic exposure meter, comprising a base member having a plurality of groups of indications arranged thereon; a rotatable disc mounted on said base member and having a group of indications arranged thereon to register with one of said groups of indications on the base and being provided with a series of spaced apart indicating tables; a second rotatable disc mounted over the face of the first rotatable disc and having indications arranged thereon to register with another group of indications on said base, said second rotatable disc being slotted in order to expose the tables on the first disc.

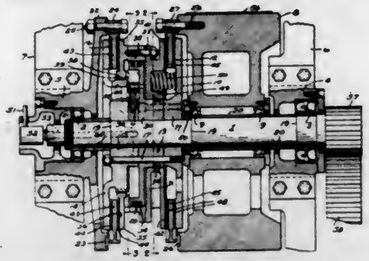
2,436,967
POLYMERIZATION OF SUGARS
Gerald J. Leuck, Brooklyn, N. Y., assignor to Corn Products Refining Company, New York, N. Y., a corporation of New Jersey
No Drawing. Original application April 1, 1942, Serial No. 437,273. Divided and this application April 26, 1945, Serial No. 590,499
13 Claims. (Cl. 260—209)

1. The process of polymerizing sugars which comprises reducing the sugar to a molten state and heating the same under substantialy anhydrous conditions in contact with superheated steam, as a catalyst.

2,436,968
COMBINED CLUTCH AND BRAKE
William F. Longfield, Cleveland, Ohio, assignor to The Cleveland Punch & Shear Works Company, Cleveland, Ohio, a corporation of Ohio
Application July 31, 1945, Serial No. 607,990
5 Claims. (Cl. 192—18)

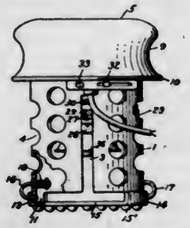
1. In a device of the character described the combination of a rotatably supported shaft, a flywheel rotatably mounted upon said shaft, a stationary support spaced from said flywheel, a hub rigidly secured to said shaft between said flywheel and said stationary support, a clutch plate formed integrally with one end of said hub, a brake plate formed integrally with the

other end of said hub, a piston formed integrally with said hub intermediate said clutch plate and said brake plate, a cylinder slidably but non-rotatably mounted upon said piston, a clutch clamping plate rigidly secured to one end of said cylinder, a brake clamping plate rigidly secured to the other end of said cylinder, a clutch ring disposed between said clutch plate and said



clutch clamping plate and connected to said flywheel for rotation therewith, a brake ring disposed between said brake plate and said brake clamping plate, and non-rotatably secured to said stationary support, spring means operative to clamp said brake ring between said brake plate and said brake clamping plate, and fluid pressure means operative to clamp said clutch ring between said clutch plate and said clutch clamping plate.

2,436,969
NONVIBRATORY MASSAGING DEVICE
Amos R. Marty, Marion, Ohio
Application March 4, 1946, Serial No. 651,839
2 Claims. (Cl. 128—24.1)

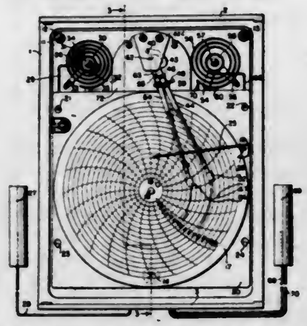


1. A massaging device comprising a hollow body open at one end; a hand grip closing the other end of said body; a skirt on said hand grip extending beyond the diameter of said body; a massaging member having an unobstructed central opening therethrough; and a thermo-electric element within said body and located coaxially with the opening in said massaging member.

2,436,970
FERROUS METAL SUPPORTED ZINC OXIDE-BISMUTH OXIDE CATALYST
Vincent F. Mistretta, Fanwood, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application December 28, 1944, Serial No. 570,211
6 Claims. (Cl. 252—214)

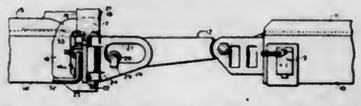
1. As a composition of matter, a catalyst bonded on a ferrous metal support by an oxide of iron, said catalyst being a mixture consisting of zinc oxide and 1–6% of bismuth oxide based on the weight of zinc oxide and said catalyst mixture being 3 to 6% by weight of said support.

2,436,971
MEASURING INSTRUMENT CHART PLATE SUPPORT
Coleman B. Moore, Carroll Park, Pa., assignor to The Brown Instrument Company, Philadelphia, Pa., a corporation of Pennsylvania
Original application December 9, 1939, Serial No. 308,434. Divided and this application March 4, 1944, Serial No. 525,002
4 Claims. (Cl. 234—75)



1. In a measuring instrument having a recording mechanism adapted to make a record of the value of a condition being measured on a chart and means to support the chart, the combination of a plate to back up said chart, said plate having a plurality of openings therein, means to support said plate in position comprising a pair of rigid posts each having a reduced portion formed thereon to receive one of said openings and resilient posts each having a reduced portion thereon to receive another of said openings, the resilient posts acting to maintain each of said reduced portions tightly in the opening received thereby.

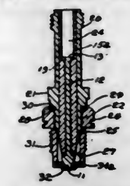
2,436,972
MEANS FOR LOCKING CONTAINERS ON VEHICLES
Ragnar A. Norbom, New York, N. Y., assignor to National Fitch Corporation, a corporation of Delaware
Application September 5, 1946, Serial No. 694,967
4 Claims. (Cl. 214—85)



1. The combination of a vehicle adapted to support a demountable container, a device engageable with said vehicle and said container to retain the container on said vehicle, foldable members hinged to a side of said vehicle for supporting one end of a bridge detachably connectable to said vehicle, and means including said members for locking said device in retaining position.

2,436,973
SPARK PLUG
Maurice Pereles, East Orange, N. J.
Application April 10, 1943, Serial No. 482,551
2 Claims. (Cl. 123—169)

2. In a spark plug a one piece electrode having a sparking tip, a contact head and a portion therebetween of reduced diameter threaded or serrated to increase its surface, a ceramic molded on to said electrode and extending from said sparking tip to a point beyond said contact head, the portion of said ceramic beyond said head being solid, said ceramic intimately contacting said threaded or serrated portion, thereby providing

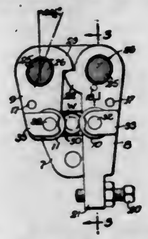


maximum heat transfer relation between said ceramic and said portion, a shell assembled on to said ceramic, and a well formed in said solid portion of said ceramic after assembly, said well extending down to and uncovering said head.

2,436,974
PROCESS FOR PREPARING POTASSIUM STANNATE
Hartmut W. Richter, Rahway, N. J., assignor to Metal & Thermit Corporation, New York, N. Y., a corporation of New Jersey
No Drawing. Application May 2, 1944, Serial No. 533,805
3 Claims. (Cl. 23—53)

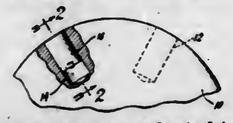
1. The process of preparing potassium stannate which comprises adding to an impure tin compound an amount of caustic potash in the presence of a sufficient amount of water to form at least a colloidal solution of the tin values, the amounts of caustic potash and water being sufficient at least to produce such solution but insufficient to completely combine with the tin values present to form potassium stannate, the impurities present in the tin compound being left undissolved in the colloidal solution and physically separable therefrom, separating said impurities from the solution, adding a sufficient further amount of caustic potash such as to completely combine with the tin values to form potassium stannate.

2,436,975
KNURLING TOOL
Albert R. Ross, Western Springs, Ill., assignor to Boyar-Schultz Corporation, Chicago, Ill., a corporation of Illinois
Application January 24, 1945, Serial No. 574,393
6 Claims. (Cl. 80—5.1)



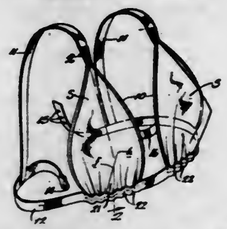
1. In a knurling tool, in combination, a rigid body, a pair of elongated levers pivotally mounted on said body at one end and spaced apart at their other or free ends to straddle a cylindrical workpiece, means adjacent the free end of each lever for supporting a revoluble knurl, means interconnecting said levers for conjoint swinging movement about their respective pivots to move the free ends of the levers toward or from the workpiece, and means on said body coacting with means on said levers for bodily adjusting said levers along their length and transversely relative to their pivotal axes during the swinging movement of the levers so as to maintain the knurl supporting means of both levers centered on a straight line intersecting the axis of the workpiece.

2,436,976
BOWLING BALL
Bernard J. Seurynck, Detroit, Mich.
Application April 29, 1944, Serial No. 533,343
1 Claim. (Cl. 273—63)



A finger receiving sleeve adapted to be inserted within the radial opening of a bowling ball, said sleeve having an end portion provided with a plurality of radial guide ways, ball engaging elements radially slidably mounted within said guide ways, adjustable means extending through the bottom of the sleeve coupled with said elements operable to shift said elements radially outwards.

2,436,977
PROTECTOR FOR NURSING MOTHERS
Marie M. Stevens, Chicago, Ill.
Application December 26, 1945, Serial No. 639,238
2 Claims. (Cl. 2—42)



1. A breast protector having a pair of connected approximately triangular shields each having an outward angular crease extending from the top to the bottom of the shield with a second transversely bent crease diverging angularly from the first crease at a point in the medial region of the shield, the triangular area between the two creases in response to inward folding having overlapped portions forming a substantially triangular plait, and means located at the bottom of the shield for contracting the same and producing an outward cupping of the shield with its outermost point substantially at the juncture of the two creases.

2,436,978
REINFORCING CORD AND PROCESS OF MANUFACTURE
George P. Standley, Cleveland Heights, and Kenneth M. McLellan, Cleveland, Ohio, assignors to Industrial Rayon Corporation, Cleveland, Ohio, a corporation of Delaware
No Drawing. Application July 26, 1944, Serial No. 546,750
21 Claims. (Cl. 57—140)

1. The method of producing a tire cord having a denier of at least 500 which comprises treating

a filamentary material with a composition comprising an ester of a fatty acid containing at least 12 carbon atoms with a polyhydric alcohol selected from the group consisting of hexahydric alcohols and the anhydro-derivatives of such alcohols; and thereafter twisting said treated filamentary material at least about 1.5 turns per inch to form said cord.

2,436,979
TIRE CORD AND METHOD OF MANUFACTURE
George P. Standley, Cleveland Heights, and Kenneth M. McLellan, Cleveland, Ohio, assignors to Industrial Rayon Corporation, Cleveland, Ohio, a corporation of Delaware
No Drawing. Application January 1, 1945, Serial No. 571,026
14 Claims. (Cl. 57—140)

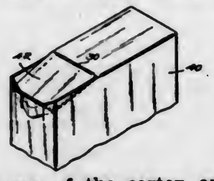
1. The method of producing a tire cord having a denier of at least 500 which comprises treating a filamentary material with a composition comprising (*a*) an oil selected from the group consisting of vegetable, marine and mineral oils, and (*b*) an ester of a fatty acid containing at least 12 carbon atoms with a polyhydric alcohol selected from the group consisting of hexahydric alcohols and the anhydro-derivatives of such alcohols; said oil being present in said composition in a concentration of at least 5% of the aggregate weight of said oil and ester; said ester component (*b*) having a melting point of at least about 30° C.; said filamentary material being treated so that it contains about 0.1% to 4.5%, by weight, of said composition based on the weight of said filamentary material; and thereafter twisting said treated filamentary material at least 1.5 turns per inch to form said cord.

2,436,980
TIRE CORD AND METHOD OF MANUFACTURE
George P. Standley, Cleveland Heights, and Kenneth M. McLellan, Cleveland, Ohio, assignors to Industrial Rayon Corporation, Cleveland, Ohio, a corporation of Delaware
No Drawing. Application January 1, 1945, Serial No. 571,027
18 Claims. (Cl. 57—140)

1. The method of producing a tire cord having a denier of at least 500 which comprises treating a filamentary material with a composition comprising (*a*) a compound selected from the group consisting of sulphated and sulphonated derivatives of mineral oils, vegetable oils, marine oils, higher fatty acids and higher fatty alcohols, said acids and alcohols containing at least 12 carbon atoms, and (*b*) an ester of a fatty acid containing at least 12 carbon atoms with a polyhydric alcohol selected from the group consisting of hexahydric alcohols and the anhydro derivatives of such alcohols; and thereafter twisting said treated filamentary material to form said tire cord.

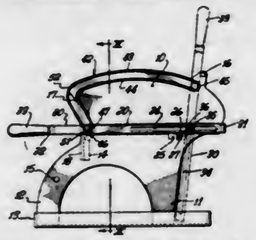
2,436,981
POURING CARTON
John J. Sullivan, Arlington, Mass., assignor of one-half to Lawrie L. Witter, Boston, Mass.
Application October 5, 1944, Serial No. 557,275
1 Claim. (Cl. 229—17)

A rectangular carton having two parallel end walls, two parallel face walls and two parallel edge walls and perforated along two parallel lines extending from two spaced points at opposite sides of one end wall along the junction of said wall with the adjacent face walls to one edge wall and extending from thence across said edge wall away from said end wall and converging to a mid-point located substantially mid-way of said edge wall, the carton being adapted to be opened along said perforated lines to provide a closure flap disposed within and between the lines and pivotally attached to said end wall along a line connecting said spaced points, said edge wall being cut to provide two slits spaced from and at opposite sides of said mid-point and respectively intersecting said perforated lines at points located intermediately of said mid-point and the



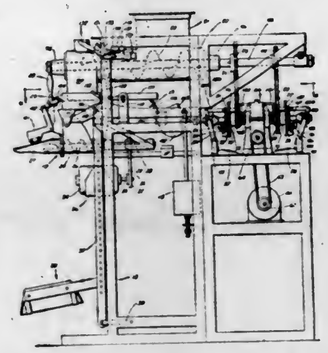
adjacent corners of the carton and extending therefrom in a direction away from said end wall, said closure flap including a V-shaped free end portion terminating in a finger gripping apex and the slits being adapted to receive and frictionally grip the V-margins of said free end portion and permit closing movement of the closure flap inwardly of the carton and in frictional contact with the two face walls and said edge wall whereby providing and maintaining complete and tight reclosure of the carton about the entire margin of the closure flap and the adjacent walls of the opening.

2,436,982
FOOD SLICER WITH SWINGING PLURAL SPACED KNIVES
Carl E. Turnquist, San Gabriel, Calif.
Application January 22, 1945, Serial No. 573,908
4 Claims. (Cl. 146—147)



3. A fruit slicer comprising: a receptacle mounted upon legs, said receptacle comprising a bottom consisting of a plurality of parallel, longitudinally entending, spaced shear strips, upstanding sides, a front comprising a plurality of upwardly extending, spaced pickets in alignment with the shear strips, and a normally open back; a frame provided with a plurality of knife blades extending between said shear strips, said knife frame and blades having a sliding pivot connection with the receptacle adjacent the rear portion thereof and in the plane of the bottom, said frame and blades being jointly movable from a substantially vertical position wherein the blades form a back for the receptacle to a horizontal position in which the blades are in the slots between the shear strips and combine therewith to form a substantially solid, smooth-surfaced bottom for the receptacle whereby sliced fruit resting upon said bottom may be discharged from the receptacle through the now open back.

2,436,983
DEVICE FOR SIMULTANEOUSLY FILLING AND WEIGHING BAGS
Edrie W. Vredenburg, Berkeley, Calif.
Application April 7, 1945, Serial No. 587,184
2 Claims. (Cl. 249—63)



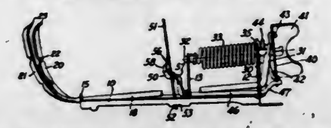
2. A bag filling device comprising a weighing frame movable between an unloaded position and a container loaded position, a first and a second switch each actuatable upon movement of said frame from said unloaded to said loaded position, a stationary hopper, a screw conveyor flight in said hopper on a first shaft for discharging material from said hopper, a second shaft, a first drive means for driving the first shaft from the second shaft at a first speed, a second drive means for driving the first shaft from the second shaft at a second speed less than said first speed, a first clutch associated with said first drive means and normally engaged to drive said first shaft at said first speed, a second clutch associated with said second drive means and including an over-running pawl rendering said second clutch ineffective while said first drive means is effective to drive said first shaft at said first speed and cause over-running of said over-running pawl, a first solenoid in a first circuit with said first switch for controlling operation of said first clutch, and a second solenoid in a second circuit with said second switch for controlling operation of said second clutch.

2,436,984
ELECTRICAL CABLE
Arthur L. Wilson, Brentwood, Calif.
Application March 13, 1944, Serial No. 526,201
2 Claims. (Cl. 174—40)



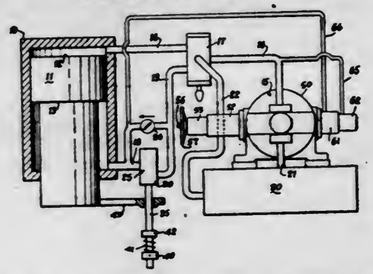
1. A binding means for holding a bundle of wires in cable form, comprising: a plurality of bands of plastic material wrapped around said bundle of wires at spaced intervals and subjected to pressure to form an intimate bond therewith, and hanger elements extending from at least some of the bands to facilitate mounting said cable, said bands forming an insulation means isolating said elements from said wires.

2,436,985
GOPHER TRAP
James M. Abeel, Sebastopol, Calif.
Application February 19, 1946, Serial No. 648,619
6 Claims. (Cl. 43—91)



1. In an animal trap having a base member, a pair of shafts journaled to said base member, impaling members carried by said shafts, a rotatable member operably connected to said shafts whereby upon rotation of said member in one direction said shafts are operated in opposite directions, a plurality of notches formed in said member, a rod journaled to said base, an arm secured to said rod and engageable in any one of said notches, a second arm secured to said rod, a trigger member adapted to engage said second arm, and a setting mechanism comprising spring means adapted to urge said first named arm into engagement with said notches and to urge said trigger forwardly against said second named arm whereby when said trap is being set the trigger is maintained in engagement with said second named arm and said first named arm is urged into engagement with said notches.

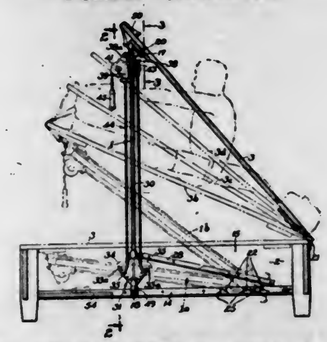
2,436,986
VALVE ARRANGEMENT FOR HALTING REVERSIBLE RAMS TO PREVENT OVERSTROKING THEREOF
Bernard D. Ashbaugh, Mount Gilead, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del., a corporation of Delaware
Application March 6, 1944, Serial No. 525,193
3 Claims. (Cl. 60—52)



2. In a hydraulic system, a reciprocable ram means having a larger advancing area and a smaller retraction area, a variable delivery pump for supplying actuating fluid to said areas for reciprocating the ram, a reversing means, said reversing means being selectively operable to direct the discharge of the pump to the advancing area or to the retraction area while simultaneously connecting the other of said areas to exhaust, a first fluid operable servomotor associated with said pump and having an effective area hydraulically connected with the outlet of said pump and operable in response to a predetermined pressure therein to move said pump into substantially no delivery position, a second fluid operable servomotor associated with said pump and having an effective area substantially larger than that of said first servomotor hydraulically connected with said retraction area and operable in response to a predetermined pressure therein

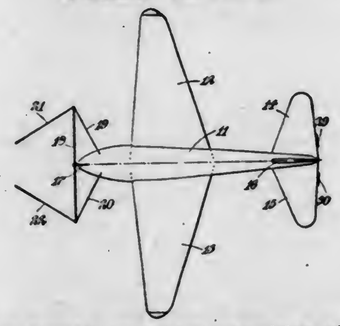
substantially smaller than the first mentioned predetermined pressure to move said pump into substantially no delivery position, a valve hydraulically connected with said retraction area and said reversing means and operable by said ram in response to a predetermined advancing movement thereof to interrupt the flow of fluid from said retraction area to said reversing means to create pressure in said retraction area, and means by-passing said hydraulically connected valve for permitting the flow of fluid from said reversing means to said retraction area only.

2,436,987
EXERCISING APPARATUS
Paul A. Bailleaux, Glendale, Calif.
Application October 2, 1944, Serial No. 556,772
4 Claims. (Cl. 272—81)



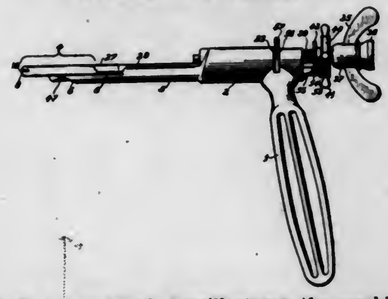
1. In exercise apparatus, means forming a base, a chest weight mechanism including a frame supported on the base, and a member pivotally secured to the base and adapted to engage the upper end of said frame, said member and said frame cooperating to support each other with their engaged ends spaced above the base, whereby said member is inclined upwardly from its pivoted end, providing an exercise table.

2,436,988
TOWED AIRCRAFT AND MEANS FOR TOWING THE SAME
Charles Stanley Bell, Oakley, near Aylesbury, England
Application December 20, 1944, Serial No. 569,030
In Great Britain April 20, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires April 20, 1963
6 Claims. (Cl. 244—3)



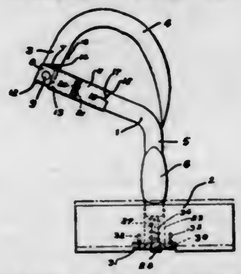
1. An aircraft for towing comprising wings of substantially symmetrical surface about the planes in which the front and rear edges of the wings lie, elevator means set at such an angle of incidence as to trim the main planes to an angle of incidence where their lift is less than the weight of the glider and means in front of and above the leading edges of the wings for attachment of crow's-foot connections for a towing cable, the said means being located symmetrically on opposite sides of the vertical central plane of the machine.

2,436,989
TONSILLECTOME
Oscar C. Daniels, Sr., Oriental, N. C.
Application May 29, 1947, Serial No. 751,252
6 Claims. (Cl. 128—309)



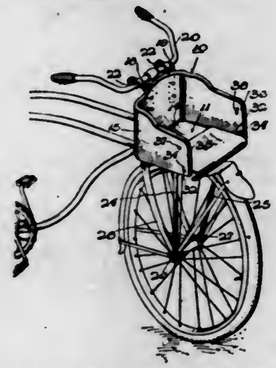
1. In a hemostatic tonsillectome, the combination with a frame for insertion in the oral cavity comprising a shaft carrying at its outer end an enlargement and at its inner end a flat transverse head provided with an aperture, said frame being slotted longitudinally on its upper side, a marginal rail surrounding the end of the head and extending at the sides thereof and provided with undercut guide ways, of a push rod lying in said frame slot having a hemostat plate located between the rail sides which is provided with a slot extending rearwardly from its forward end in the plane of the rail guide ways, an operating rod underlying the push rod in the frame slot, a knife blade lying in the slot of said plate with its edges engaging the rail guide ways and attached to the operating rod, and means at the outer end of the frame for advancing and retracting said rods on the frame.

2,436,990
CARGO HOOK
Louis H. Darling, Vallejo, Calif., assignor to Fol-Gaf Limited, a partnership composed of Robert H. Allen, Lathrop, and Peter J. Wallace, Stockton, Calif.
Application March 11, 1946, Serial No. 653,538
4 Claims. (Cl. 294—26)



1. In a foldable cargo hook, a shank comprising a handle portion, bent laterally intermediate its length to provide a substantially straight end portion-attached section and a handle-carrying section, and an end portion having a handle portion-attaching, substantially straight end section, and an arcuate, bill-carrying section, means pivoting said portions together at the end of each of said straight sections so that when said hook is folded the point of said bill will contact said handle portion at the bend thereof, and the longitudinal axes of said straight sections will form substantially a right angle.

2,436,991
COMBINATION BICYCLE SEAT AND LUGGAGE CARRIER
Ole A. Dirksen, Spencer, Iowa
Application August 19, 1946, Serial No. 691,565
6 Claims. (Cl. 224—31)



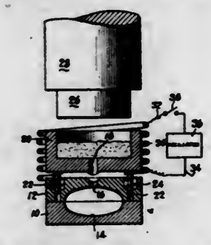
1. A convertible carrier attachment for cycles comprising a flat bottom plate designed to provide a seat, said bottom plate having a straight front edge, a wall around the bottom from the front edge and a front wall pivotally mounted adjacent the bottom edge thereof in side portions of said first-mentioned wall, which portions extend beyond the front edge of said bottom plate, whereby said front wall may be raised from a position of rest on the bottom plate to an erect substantially vertical plane with respect to said bottom plate and in front of said front edge of the said plate.

2,436,992
SOLENOID WITH PLUNGER
Walter Ernst, Mount Gilead, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del., a corporation of Delaware
Application June 16, 1944, Serial No. 540,724
4 Claims. (Cl. 175—341)



1. In combination with a member reciprocable between end positions wherein it is subject to friction tending to retain it in said end positions; an actuating device comprising an electromagnet having an armature movable therein and connected with said member and operable when said electromagnet is energized to move said member in one direction into one of said end positions, a fixed abutment, a first spring means bearing between said member and said abutment and adapted continuously to urge the said member in the other direction, a second abutment carried by said member and movable relative thereto and positioned between said member and said fixed abutment, and a second spring bearing between said member and said second abutment, said abutments being adapted for engagement during movement of said member toward said one end position whereby the movement of said member by said armature is opposed first by said first spring and then by both of said springs, said actuating device being characterized by a force curve which increases in magnitude as said armature is moved by the energization of said electromagnet.

2,436,993
APPARATUS FOR INJECTION MOLDING
John R. Fisher, Jr., Dayton, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del., a corporation of Delaware
Application August 4, 1945, Serial No. 608,904
4 Claims. (Cl. 18—30)

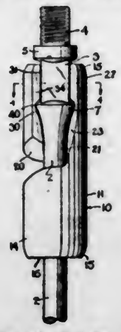


1. An apparatus for molding material which becomes plastic when heated comprising; a multi-part die having a cavity and a transverse parting plane; an electrically conductive container; means for yieldably supporting and spacing said container on said die comprising a plurality of bores in said die, springs in said bores engaging the under side of said container and pins carried by said container extending into said bores; means for heating the material to molding temperature comprising an induction coil about the container for heating the container and therethrough the material; a restricted passage in said container and a passage aligned therewith in said die for permitting the flow of material from the former to the latter; a single pressing plunger operable in one stroke to clamp the die together, to move the container against the die, to transfer the material into the die cavity, and to exert pressure on the material within the die cavity, the material pressing area of said plunger being greater than the projected area of said cavity for maintaining a clamping thrust on said die throughout a pressing cycle; and a shoulder on said plunger to engage said container and therethrough positively to hold said die clamped at the end of a working stroke of the plunger.

2,436,994
SUCKER ROD GUIDE
J. W. Gillespie, Henderson, Tex.
Application August 24, 1944, Serial No. 551,039
6 Claims. (Cl. 308—4)

1. A sucker rod guide comprising an integral body of material, a slot along the axis of the body, said slot being of an inverted bell shape to have a portion open out through the body for one half of the block, another portion open out

through an opposite side for the other half of the body and having an inclined portion joining the two first portions so that the body may be tilted and moved laterally to pass said inclined slot portion over the rod and the body then



turned to pass the first two portions over the rod to lock the guide to the rod so long as the guide is retained in a pipe, one of said slots being shaped to interfit a portion of the rod to hold the guide fixed on the rod.

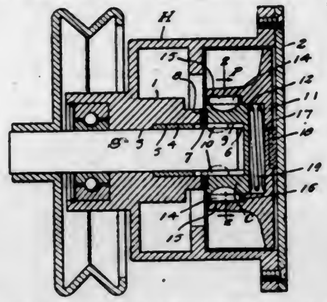
2,436,995
ILLUMINATING DEVICE
James Drummond Hamilton, Winnipeg, Manitoba, Canada
Application October 6, 1944, Serial No. 557,411
3 Claims. (Cl. 67—55)



1. An illuminating device comprising a base having a laterally extending peripheral shoulder thereon, an outer ornamental casing seated on the shoulder, the portion of the base above the shoulder extending into and engaging the inner surface of the casing whereby the latter is supported on the base in manually detachable relation therewith, a container for combustible fluid within the casing, a wick extending from the container and beyond the casing, and exchangeable means for supporting the container in spaced relation to the base, said means being unconnected to the base and container.

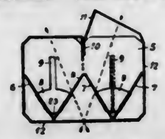
2,436,996
SEALED DRIVING BUSHING
Walter M. Howser, Indianapolis, Ind.
Application December 11, 1944, Serial No. 567,673
7 Claims. (Cl. 103—103)

1. A mounting for an impeller upon its shaft comprising a cupped bearing slidably mounted on an extremity of the shaft, means for holding said bearing on the shaft for rotation therewith, means for slidably mounting the impeller on the bearing but held thereto for rotation



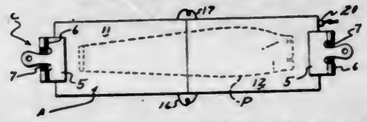
therewith, and means coacting with the impeller and the bearing for placing the bearing under tension to resist the thrust imposed upon the impeller.

2,436,997
CARDBOARD BOX FOR EGGS
Peter Emil Vilhelm Jacobsen, Copenhagen, Denmark
Application September 10, 1938, Serial No. 229,247
In Denmark September 18, 1937
Section 3, Public Law 690, August 8, 1946
Patent expires September 18, 1957
2 Claims. (Cl. 229—29)



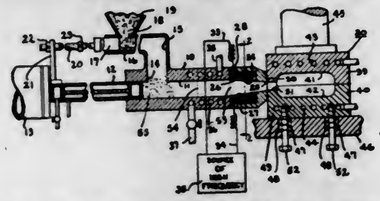
1. In a cellular carton having bottom and opposite side walls and hinged cover means, a plurality of compartment-forming transverse partitions, a sector-shaped cut-out adjacent the bottom of each of said partitions, a slit extending upwardly from said cut-out, a longitudinal V-shaped partition foldable along its apex to form a trough adapted to be inserted through said slit when in folded condition, and a plurality of slits in said V-shaped partition for engaging said transverse walls and said sector-shaped cut-out when said V-shaped partition is unfolded.

2,436,998
PORTABLE FOLDING ELECTRIC CLOTHES PRESSER
Semen Kronhaus, Los Angeles, Calif.
Application November 13, 1944, Serial No. 563,181
1 Claim. (Cl. 219—19)



A pressing device comprising a pair of complemental plates adapted to receive therebetween a garment to be pressed, each of said plates consisting of a pair of sections disposed end to end and secured together at their adjacent end edges by a hinge joint allowing swinging movement of each of the sections from their plane-surface-conforming position only towards the opposite section of the opposite plate, and clamp means urging said plates towards each other, each of said sections being hollow and carrying at its interior an electric heating element, the heating elements of said sections being conductively connected together at the hinged joint.

2,436,999
METHOD AND APPARATUS FOR PLASTIC INJECTION
Howard F. MacMillin, Walter Ernst, and George A. Waldie, Mount Gilead, Ohio, assignors to H-P-M Development Corporation, a corporation of Delaware
Application April 23, 1943, Serial No. 484,140
8 Claims. (Cl. 18—30)

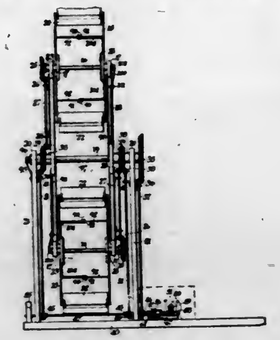


1. An apparatus for heating and molding plastic material that includes, a heating cylinder, means for feeding measured charges of plastic material to said cylinder, means for advancing the charges of plastic material through the cylinder in predetermined increments, means for producing a field of high frequency in the forward end of said cylinder consisting of a pair of electrodes adapted to be connected to a source of high frequency that are positioned in insulating means within said cylinder, and a discharge opening for said cylinder of large size capable of passing large quantities of plasticized material with minimum resistance to flow when relatively low pressure is applied upon the plastic material within the cylinder.

4. A method of heating and molding resins in an injection molding machine that comprises, feeding measured charges of resin substantially equal to the volume of a mold to be filled into the injection cylinder of an injection machine, moving the resin charges through the injection cylinder in increments equal to the volume occupied by the individual charges in the injection cylinder, holding the temperature of the resin in its movement through the injection cylinder to a temperature below a satisfactory plasticizing molding temperature except at the discharge end of the injection cylinder, producing a zone of high frequency energy in the discharge end of the injection cylinder equivalent to the space occupied by a single charge of resin therein to heat the said entire charge simultaneously and uniformly throughout its mass while within the injection cylinder to an elevated plasticizing molding temperature, and discharging the complete said heated charge from the injection cylinder by said incremental movement of all charges therein.

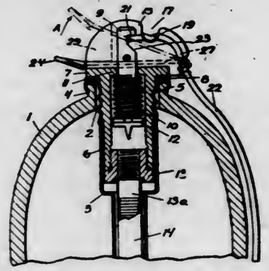
2,437,000
TOY FERRIS WHEEL
Charles L. McBride, Tampa, Fla., assignor to Joy Toys, Inc., Tampa, Fla., a corporation of Florida
Application August 13, 1946, Serial No. 690,152
16 Claims. (Cl. 272—38)

1. An amusement device comprising a standard, a supporting element mounted on said standard for rotatable movement about a horizontal axis, a plurality of supporting members mounted on said supporting element for rotatable movement about horizontal axes, each having carriers pivotally mounted thereon, a motor,



drive means connecting said motor with said supporting element and each of said supporting members to cause them to rotate about their axes, and means for separately disconnecting the drive means for said element and for each of said members.

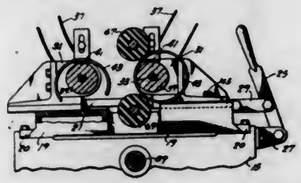
2,437,001
HAND GRENADE
Tor Petersén, Stockholm, Sweden
Application January 21, 1946, Serial No. 642,518
In Sweden July 3, 1944
4 Claims. (Cl. 102—64)



1. A hand grenade of the character described, comprising, in combination, a grenade body having an opening, a head screwed into said opening and having, on top of it, two spaced approximately semi-circular lugs, a spring-pressed striker mounted in said head and having a notched end projecting into the space between said lugs, a throw safety lever which has pivot pins received in notches provided in the edges of said lugs, and which, when in its safety position, has one end engaged with the projecting notched end of the striker to hold the latter in cocked position against its spring, and a fight safety member in the form of a resiliently expansible, approximately rectangular wire loop which, when in its safety position, embraces the projecting lugs adjacent their base and holds the throw safety lever in its safety position, and which has the ends of the wire at one end of the rectangle engaged with the throw safety lever, the wire being formed into a coil at the other end of the rectangle, so that the loop may be swung upwardly around the first end of the rec-

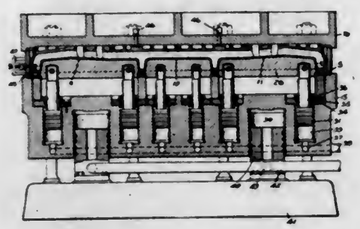
tangle out of its safety position by pressing said coil upwardly by the thumb of the throwing hand, and returned to its safety position by pressing the coil in the opposite direction.

2,437,002
RING GRINDING MACHINE
John H. Riedling, Memphis, Tenn., assignor of one-half to Margaret Wilkerson, Memphis, Tenn.
Application January 27, 1947, Serial No. 724,611
5 Claims. (Cl. 51—103)



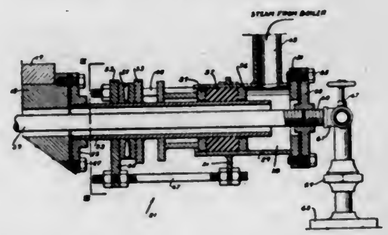
1. A machine for grinding piston rings, including ring grinding means, elastic faced ring rotating means, means for driving said grinding means, means for driving said ring rotating means, dual means for independently supporting groups of rings out of contact with said grinding means, and said driving means, means carrying both said ring-supporting means, and manually operable means for shifting said carrying means to bring rings carried by either one of said supporting means at option into rotating and grinding contact respectively with said rotating and grinding means, and rings carried by the other of said supporting means concurrently away from said contacts and into accessible position for removal of rings from, and placement of additional rings on, said supporting means.

2,437,003
MACHINE FOR MOLDING CONCRETE UNITS
Arthur Ernest Ruegg, Zurich, Switzerland
Application October 21, 1941, Serial No. 415,898
In Switzerland July 27, 1940
Section 3, Public Law 690, August 8, 1946
Patent expires July 27, 1960
5 Claims. (Cl. 25—41)



1. An arrangement for making concrete blocks and other units, comprising in combination, a mold including a displaceable cover adapted to close the top of the mold and steel helmets movably inserted into and forming part of its bottom, a hydraulic press including a stationary crosshead adapted to cooperate with said mold cover, a movable press plate adapted to support the bottom of said mold, press heads displaceable relative to said press plate to engage into said steel helmets, and means to displace successively said press plate to press the cover on the mold and said press heads to advance said steel helmets into the mold, means to vibrate at least part of said mold during the pressure operation, suction means and a suction manifold connecting said suction means with openings provided in the walls of said mold, said openings being of a size to permit the air and water eliminated from the concrete mixture in said mold by vibration and pressure to escape from said mold through said openings while the entire mass of concrete is retained in the mold.

2,437,004
STEAM HEAD FOR DRIER DRUMS
William J. Rutledge, Lucy, Tenn.
Application September 9, 1946, Serial No. 695,780
3 Claims. (Cl. 34—124)

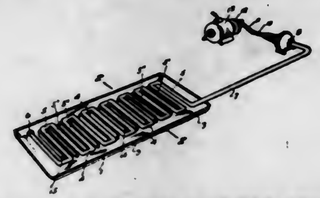


1. In a drier as for paper stock, a hollow drum having a cylindrical barrel and heads, and means, including a hollow trunnion journalling said drum; a tubular cylindrical member open at its outer end, secured to and extending axially from and turning with said trunnion, a steam head including a nonrotatable hollow casing embracing the open end of said tubular member, a stuffing box forming part of said casing embracing said member adjacent its open end and effecting a seal between said member and said casing, a plate rigidly secured to and closing the outer end of said casing, and a steam line leading into said casing; a condensation discharge pipe rigidly secured to said plate and opening therethrough, said pipe extending from said plate axially through said tubular member and said trunnion and within said drum curving downwardly to bring its intake end into adjacency to said drum barrel, said pipe being relatively much smaller than the bore of said tubular member and trunnion to leave an annular space therearound for the passage of steam through said member and for adjustment of alinement of said pipe relatively to said member and trunnion; and means for restraining displacement of said casing from and adjusting angularity of said discharge pipe with respect to said tubular member and adjacency of the intake end of said pipe to said drum, including bolts and anchor means therefor respectively secured to said head and said tubular member, one of said anchor means being rigidly secured to said steam head, and the other thereof including an abutment rigidly attached to said tubular member, a relatively rotary flange and an interposed thrust bearing, said bolts having nuts thereon and extending from said rigidly secured anchor means to said flange, said nuts being adjustable to vary the angularity of said head and said discharge pipe carried thereby with respect to said tubular member, and the adjacency of the intake end of said discharge pipe to the barrel of said drum.

2,437,005
PROCESS FOR THE PRODUCTION OF PRINT PICTURES ON PRINT BODIES
Egon Herbert Schwarz, Zurich, Switzerland
No Drawing. Application June 4, 1941, Serial No. 396,620. In Switzerland May 29, 1940
Section 3, Public Law 690, August 8, 1946
Patent expires May 29, 1960
4 Claims. (Cl. 101—149.2)

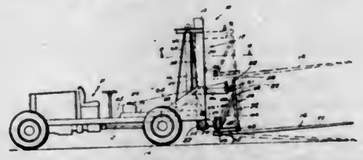
1. A method of producing print pictures on metallic printing surfaces comprising the steps of treating the metallic surface on which the picture is to be produced with a lye, applying to the surface a layer of sensitized emulsion, copying the desired picture on the sensitized surface, developing the picture, and coating the surface carrying the picture with a solution containing a salt of a metal the position of which in the displacement series is below that of the metal of the printing surface, said metal salt being capable of forming an ink receptive metal deposit.

2,437,006
INVALID PAD
William T. Simpson, St. Clairsville, Ohio
Application September 13, 1944, Serial No. 553,878
3 Claims. (Cl. 128—33)



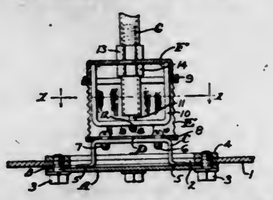
1. A mattress for invalid persons comprising a container, a series of closely spaced expansible tube sections filled with a pressure fluid and arranged substantially at the same level, a pump connected with the expansible tube sections, means for driving the pump, means arranged within said pump for producing periodic pressure variations in said pressure fluid, inflating and deflating the expansible tube sections, and partition walls inserted between said expansible tube sections in said container with their upper edges below the level occupied by the transverse tube sections when inflated during expansion due to pressure increase but at one level with said tube sections when deflated upon pressure decrease to a predetermined extent.

2,437,007
HAYING MACHINE
Phillip Milton Thorns, Clements, Calif.
Application May 4, 1945, Serial No. 591,949
9 Claims. (Cl. 214—113)



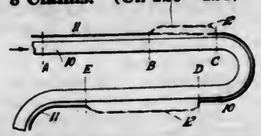
1. In a haying machine including a push or buck rake, transport and stacker, comprising a tractor having a front wheel drive, an upright guide frame supported at the front of the tractor, a lift operable in said guide frame, a rake pivotally and slidably mounted at the lower end of the guide frame to extend forwardly therefrom and adapted for limited pivotal and slidable movement up and down at its pivoted end independently of the lift, means on the tractor for raising and lowering the lift in the guide frame, said rake being adapted for tilting movement downwardly and upwardly at its forward end, an upright member on the rake near its pivoted end, releasable means engageable with said upright member to hold the same in a rearwardly tilted position or to release the same to a downwardly and forwardly tilted position, and means cooperative between the upright member of the rake and the upright frame, to retain the rake in any desired elevated position.

2,437,008
OIL FILTER SCREEN
George van Doehren, Fredericksburg, Iowa
Application August 7, 1946, Serial No. 688,944
3 Claims. (Cl. 210—149)



2. For use in the crankcase of an engine having an oil circulating system provided with an inlet tube in the crankcase, a strainer comprising a support having its top elevated above the crankcase bottom, a plate on said support, a tubular screen the lower edge of which rests in a channel-way about the periphery of the upper face of said plate, a cover for said screen having an inverted U-shaped channel-way about the periphery of its under side which receives and rests on the upper edge of said screen and closing the upper end thereof, two U-shaped braces secured to the under side of said cover at 90° intervals and extending downward adjacent to the walls of the tubular screen to different depths within the screen so that one crosses over and within the other thus preventing the inward collapse of said screen caused by the suction pressure of the inlet tube which extends through the cover and terminates within the screen in spaced relationship above the plate.

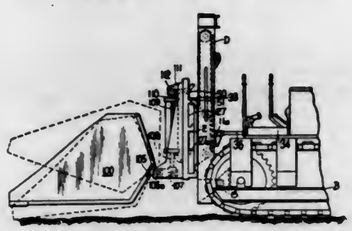
2,437,009
ILLUMINATED SIGN
Arthur Richard Warner, London N. W. 8, England
Application March 9, 1938, Serial No. 194,772
In Great Britain March 15, 1937
Section 3, Public Law 690, August 8, 1946
Patent expires March 15, 1957
8 Claims. (Cl. 126—124)



4. An illuminated sign comprising a vapour discharge tube, electrode means for supplying a high frequency alternating current to said tube, and a flexible conducting member effectively connected to one of said electrodes and follow-

ing the convolutions of said tube, said conducting member being adjustable in a direction towards or away from said tube over at least a portion of the length of said tube, and being arranged generally to approach said tube as the distance from said connected electrode increases whilst being arranged more closely to said tube at curved portions thereof.

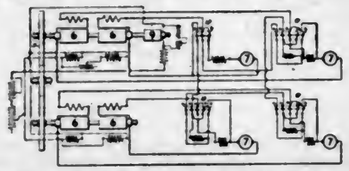
2,437,010
SHOVEL LOADER
Glenn W. Way, Delaware, Ohio
Application December 29, 1945, Serial No. 638,244
4 Claims. (Cl. 214—113)



1. A scoop attachment for an industrial truck which includes a chassis carrying an upright standard having a lift carriage mounted thereon for vertical movement, comprising a vertically disposed supporting frame adapted to be attached to the carriage, said frame including a plurality of vertically spaced transversely extending cross bars, a plurality of vertically disposed supports having channel-shaped bracket portions at their rear sides which slip over the ends of said cross bars, means for securing said vertically disposed supports in selected positions laterally of said cross bars, each of said vertical supports being provided with forwardly projecting vertically disposed laterally spaced ribs having forwardly projecting pivot lugs on their lower ends, a forwardly directed scoop carried by said frame for movement about a horizontal axis, rocker arms rigidly attached to said scoop and extending rearwardly therefrom, said rocker arms extending between said ribs on said vertical supports, pivot pins extending through pivot openings in said lugs and through cooperating openings formed in said rocker arms intermediate their ends, means for controlling movement of the scoop about said pivot pins, said means comprising a vertically disposed fluid cylinder and piston unit carried by each of said vertical supports between the ribs formed thereon, hanger means for pivotally suspending the upper end of each of said units from the upper end of the associated support, and means for pivotally connecting the lower end of said fluid unit to the rear end of the associated rocker arm.

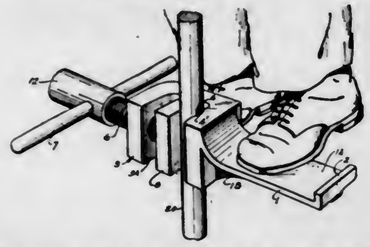
2,437,011
GAS TURBOELECTRIC LOCOMOTIVE
Heinrich Weier, Ennetbaden, Switzerland, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland
Application March 8, 1945, Serial No. 581,683
In Switzerland February 3, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires February 3, 1964
6 Claims. (Cl. 290—14)

1. Gas turbine locomotive comprising a gas turbine driving a compressor, a plurality of traction motors, a plurality of generators driven from said gas turbine over gearing, circuit means arranging said generators to supply power to said motors for driving said locomotive, and means rearranging at least one of said generators to



function as an exciter for said motors during regenerative braking operation of said locomotive, the remainder of said generators at such time operating as motors for driving said compressor.

2,437,012
SUPPORTING STEP
Raymond J. White, Longview, Tex.
Application August 13, 1946, Serial No. 690,237
2 Claims. (Cl. 304—28)

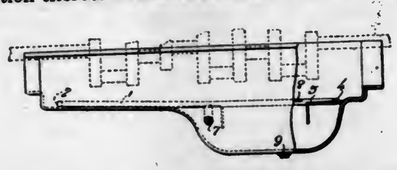


2. A detachable supporting device for attachment to a vertical polish rod of oil well pumping equipment comprising an elongated foot supporting step having a flanged outer edge, said step having a C-shaped portion formed integrally with the remaining end of the step, the said C-shaped portion having three inner faces and being of sufficient width and depth to loosely engage the said rod, a rod engaging groove in the face of the C-shaped portion nearest the step, said groove being substantially perpendicular to the step, a threaded aperture directly opposite the groove in the opposed face of the C-shaped portion, a screw operatively positioned in the threaded aperture, a rod engaging block attached to the end of said screw, said block having a rod engaging groove substantially perpendicular to the step and directly opposite and parallel to the said first mentioned rod engaging groove, and a lever which passes through the opposite end of the screw to rotate the screw and force the block against the rod and thereby bring both grooved rod engaging surfaces into clamping engagement with said rod.

2,437,013
COMBINATION OIL PAN AND INTERNAL ENGINE CLEANER
Alva Adams, Connersville, Ind.
Application September 19, 1946, Serial No. 697,884
2 Claims. (Cl. 123—198)

2. In combination with an internal combustion engine oil pan having side walls with outwardly disposed flanges on the upper edges, end walls with semi-circular recesses in the upper edges, a horizontally disposed lower surface with a portion thereof dished downwardly, and having outwardly extending flanges around the semi-circular recesses at the ends, an endless perforated

tube in the pan positioned on the lower surface extending along the sides, and across the ends, and having a downwardly disposed intermediate section thereof connecting the sides intermediate



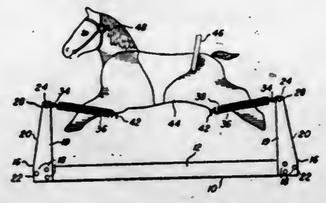
of the end and positioned in the downwardly dished portion of the lower surface, and a supply connection to the tube extending through a side wall of the pan.

2,437,014
DENTAL AND SURGICAL HAMMER
Walter A. Arnesen and Bernhard Hertweck, Flushing, and Spencer W. Doty, Baldwin, N. Y., assignors, by direct and mesne assignments, to National Electric Instrument Company, Inc., Elmhurst, Long Island, N. Y., a corporation of New York
Application August 19, 1944, Serial No. 550,236
5 Claims. (Cl. 128—303)



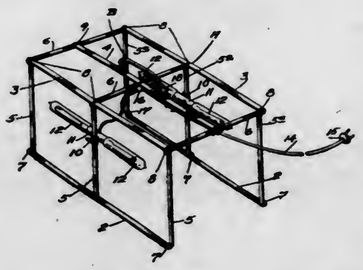
1. An instrument of the type described comprising a cylinder, a piston slideable in said cylinder, a tool carrying rod slideably secured in one end of said cylinder, means for limiting sliding movement of said rod, said cylinder having a longitudinally extending slot in the wall thereof intermediate the ends of the cylinder, an outwardly biased pin movable radially in said piston and having a portion fitting in and extending partially through said slot, a spring captive at one end of said piston, and a member extending partially through said slot and engaging said portion to move it and said piston in a direction to compress said spring, said tool carrying rod being normally held by said piston at the outer end of its limit of movement and being biased to follow said piston to the inner end of its limit of movement as the piston compresses said spring, said portion being disengaged from said member by progressive engagement with the end wall of said slot whereby said piston is freed to impart a blow to said rod and drive it from one end of its limit of movement to the other end thereof.

2,437,015
SUSPENDED HORSE
William Baltz, Pocahontas, Ark.
Application March 29, 1945, Serial No. 585,558
1 Claim. (Cl. 272—52)



A device of the character described, comprising a rectangular base having opposed side rails and end rails intermediate the ends of said side rails, uprights secured to said base on the outer surface of said side rails at the four corners of said base, said uprights having a straight side and an inclined side and the bottom of the upright is of a greater thickness than the top thereof, plates secured to the inner top edge of said uprights, coil springs having one end thereof secured to said plates, an artificial horse, plates secured to said horse at right angles thereto, the opposite ends of said springs connected to said plates at an angle thereto and adapted to support said horse thereby with relation to said uprights.

2,437,016
THERAPEUTIC APPARATUS
Harry E. Christensen, San Francisco, Calif.
Application July 10, 1945, Serial No. 604,203
3 Claims. (Cl. 219—45)

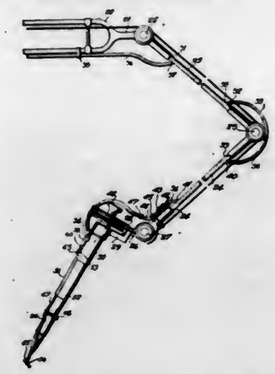


1. In an apparatus of the character described, a frame comprising a pair of vertical side sections, a plurality of electric lamp bulbs carried by the side sections, means for vertically adjusting the lamp bulbs with relation to each side section, and means for connecting said side sections for lateral and longitudinal movement with respect to each other.

2,437,017
AIR OR WATER ATTACHMENT FOR DENTAL ENGINES
Robert E. Cunningham, Jackson, Miss.
Application February 21, 1947, Serial No. 730,102
3 Claims. (Cl. 32—28)

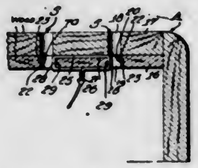
1. A device of the character described, in combination with a dental engine having a hand piece and a dental tool in the hand piece, of a plurality of hinged hollow control rods connected to

said hand piece, a flexible conduit mounted in said control rods for supplying a fluid to said hand piece adjacent the tool therein, a valve in said



conduit for cutting off the supply of fluid to said hand piece and a valve on the hand piece for controlling the amount of fluid supplied thereto.

2,437,018
CIRCUIT CLOSER FOR ELECTRICAL INDICATING APPARATUS OR THE LIKE
Jesse Lincoln Dodson, Kingston, Pa., assignor of one-half to Harry Hoder, Scranton, Pa.
Application August 13, 1945, Serial No. 610,574
3 Claims. (Cl. 173—328)



1. In a mounting for electrical devices, a mounting having openings arranged in a plurality of rows, said mounting having communicating grooves in one face thereof intersecting said openings, a conductor disposed in said grooves and crossing said openings, said conductor at each opening having an arcuate portion firmly pressed into and interfitted with the defining wall of the opening below said face to form an arcuate retaining groove, conductors looped through an opening of each row partially interfitted in the adjacent walls of the openings and occupying grooves in said face.

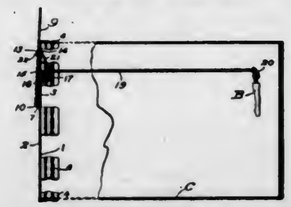
2,437,019
COLOSTOMY RECEPTACLE
Sebastian Eich, Chicago, Ill.
Application December 26, 1946, Serial No. 718,361
2 Claims. (Cl. 128—283)

1. A receptacle for the collection of the discharge draining from a bodily incision and which is adapted to be held over the incision by an elastic belt without causing an appreciable protuberance, which comprises a shallow cup-like member having an annular groove in its edge, and a removable annular soft rubber-like tubular sealing member having a portion fitting snugly in said groove and retained therein solely by the friction and elasticity of the sealing member, said sealing



member having a rounded surface for contact with the body.

2,437,020
TRAP
Charles J. Ford, New York, N. Y.
Application August 21, 1944, Serial No. 550,453
1 Claim. (Cl. 43—61)

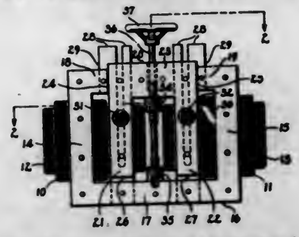


An article of manufacture for use in connection with an empty can open at one end, including a plate having an inlet, spring wings on the plate adapted for gripping the open end portion of the can to hold it assembled with the plate, a door normally closing the inlet, a hinge connecting the door to one side of the plate for swinging movement toward or from the plate, a spring carried by the hinge and adapted to hold the door normally closed, there being openings in the plate and door positioned to register when the door is in full open position, a bait carrying arm pivotally connected to the other side of the plate and adapted to be positioned for insertion into the engaged can, an arm movable with the bait carrying arm and extended at an angle thereto, and a finger extending from said angularly disposed arm positioned for movement in one direction into the openings to engage the door and hold it in open position against the action of the spring, and in the opposite direction to withdraw from the door opening to release the door, said door, when open, being positioned against and extended beyond the edge of the plate.

2,437,021
TRANSFORMER WITH REGULATABLE LEAKAGE REACTANCE
Eduard Fries, Zurich-Oerlikon, Switzerland
Application October 6, 1945, Serial No. 620,731
10 Claims. (Cl. 171—777)

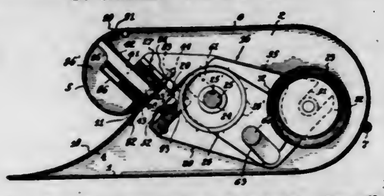
3. A transformer providing for substantial variation of its secondary reactance in response

to a variation of its secondary current, comprising, a first pair of legs and a first yoke to form therewith a unitary substantially U-shaped primary magnetic core, a second pair of core legs and a second yoke to form therewith a unitary substantially U-shaped secondary magnetic core inverted relative to and coplanar with and reciprocable within said primary core, said second yoke being located and arranged between the open ends of said primary core to provide with the latter a magnetic circuit of substantially constant reluctance for all relative positions of said cores,



the intermediate portion of said first yoke providing a magnetic bridge including a pair of variable air gaps between the open ends of said secondary core, a pair of primary windings each encircling one of said first pair of legs, and a pair of secondary windings, each secondary winding encircling one of said first pair and the corresponding leg of said second pair of legs and having its inner circumferential wall spaced from the outer circumferential wall of the respective primary winding to afford passage therethrough of the respective leg of said secondary pair of legs.

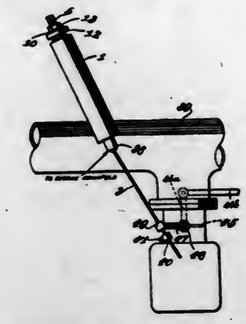
2,437,022
APPARATUS FOR USING ADHESIVE TAPE
George H. Fritzinger, West Orange, N. J., assignor of one-half to Harold G. Kendall, Brooklyn, N. Y.
Application December 2, 1942, Serial No. 467,616
30 Claims. (Cl. 164—91)



1. In a machine of the character described: the combination of upper and lower cooperating dies, the upper one of said dies comprising a plate terminating in a cutting edge at one side thereof and said lower die including a cutting member cooperable with said cutting edge; means to hold a sheet adjacent to the face of said upper die in position wherein an edge of the sheet is aligned with said cutting edge; and guide means carried by said lower die for directing an adhesive tape across said cutting member for application to said sheet.

2,437,023
AUTOMATIC STARTING SWITCH
Lewis W. Gilbert, Seneca Falls, N. Y.
Application October 13, 1931, Serial No. 568,572
18 Claims. (Cl. 123—179)

1. In an electric starter system for an internal combustion engine, pressure and vacuum responsive switch means, means connected to the pressure and vacuum responsive switch means to provide unbalanced pressure therein whereby said switch may be opened, and means connect-



ed to the vacuum and pressure responsive device to open said switch mechanically by the accelerator rod independent of said unbalanced pressure.

2,437,024
WHISTLE
Robert Y. Grant, Jr., Townsend, Mass.
Application October 17, 1947, Serial No. 780,545
1 Claim. (Cl. 46—117)

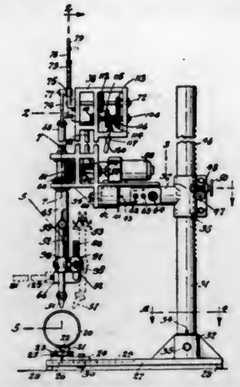


A toy whistle comprising a hollow bird figure and a hollow support for said figure defining a liquid holding chamber, a tail on said figure, an angularly disposed tube extending directly into said hollow support with the lower wall of said tube terminating adjacent the bottom of said chamber, said tail merging with and being joined to said tube to support the tube in connection with said hollow support, said tube having an opening at a point above said support providing a sharp edge adjacent said opening, and a beak on said bird figure provided with a constricted hole, the interior of said hollow figure being in direct communication with said constricted hole.

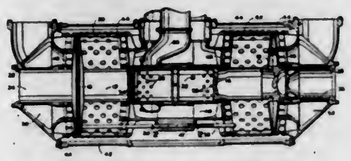
2,437,025
MACHINE FOR CUTTING HOLES IN PIPES AND SIMILAR ARTICLES
Herman Hatten, Buffalo, N. Y.
Application March 21, 1945, Serial No. 584,006
5 Claims. (Cl. 33—21)

4. A machine for cutting pipes and similar articles, comprising a cutting tool, a frame, a tubular shaft journaled on said frame so that it can turn therein but not move axially relatively thereto, a turret supporting said cutting tool and compelled to turn with said shaft but movable axially thereon by means including a sleeve forming a part of the turret and surrounding said shaft and a spline interposed between said shaft and sleeve; and means for reciprocating said turret lengthwise of the shaft including a shifting rod arranged in the shaft and provided with a collar having an annular groove, and pins ar-

ranged on the turret and engaging with said groove, a shaft journaled on the frame and having a crank, and a connecting rod connecting said crank and shifting rod.



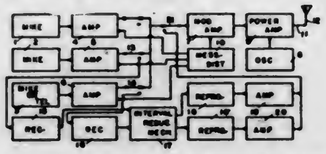
2,437,026
RACK FASTENING FOR FREE-PISTON UNITS
Ralph J. Hooker, Manchester, Conn., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application May 11, 1946, Serial No. 669,089
8 Claims. (Cl. 123—46)



7. In a free-piston unit, opposed piston assemblies including engine pistons and compressor pistons movable therewith a rack projecting from each piston assembly and a pinion interconnecting said racks to cause said assemblies to move symmetrically, each of said racks being guided adjacent to the pinion in combination with means for supporting each rack in the compressor piston to provide for a limited amount of lateral movement of the rack within the compressor piston said means including a bore in the compressor piston larger in diameter than the rack and in which the end of the rack is positioned, a flange on said rack engageable axially with the compressor piston and a cap on the end of the rack having a flange engaging axially with the side of the compressor piston opposite to the flange on the rack and spacer rings positioned between the compressor piston and one of the flanges for controlling the axial position of the rack within the piston.

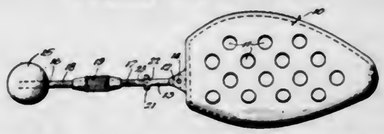
2,437,027
TIME DIVISION MULTIPLEX COMMUNICATION SYSTEM
John H. Homrighous, Oak Park, Ill.
Application January 12, 1943, Serial No. 472,105
12 Claims. (Cl. 250—9)

1. In a multiplex communication system, a transmitter, means at said transmitter to produce a carrier wave, means at said transmitter to produce a first series of successive saw tooth waves, including control signals to terminate the waves, means to select different recurrent periods of time in said saw tooth waves for controlling the transmission of different signals in the recurrent periods, said last means comprising apparatus and suitable circuits to select amplitude measurements in the said saw tooth waves for both initiating and terminating each of the said periods, means to transmit signals representative of different messages and said control signals modulated on said carrier wave during a number of the said recurrent periods, a receiver, means to receive said signals, means at said receiver to



produce a second series of successive saw tooth waves under the control of said control signals, means to select recurrent periods in the said second series of saw tooth waves corresponding to said recurrent periods at the transmitter for controlling the reception of different signals in the said recurrent periods, said last means comprising a message signal amplifier for each of the said recurrent periods, and a plurality of relay tubes under control of said second series of saw tooth waves to interrupt substantially current through the several relay tubes in successive rotation for controlling said amplifiers to reamplify said signals representative of different messages in successive rotation.

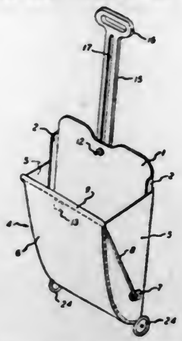
2,437,028
SHOE TREE
William F. Horsting, Wilmette, Ill.
Application December 8, 1945, Serial No. 633,687
2 Claims. (Cl. 12—128.6)



1. A shoe tree comprising a hollow toe piece of relatively thin plastic curving downward at its forward end and sides and having a straight cross piece at its back connected to the sides and extending through the full depth of the toe piece, the toe piece being open at the bottom and having openings through its upper surface, a pair of ears extending outward from the back surface of the cross piece, a rod having a flattened end extending between and pivotally pinned to the ears, a heel piece, a rod connected to the heel piece, the ends of the rods being formed with threads of opposite hand, a turnbuckle threaded on the rods to adjust the effective length thereof, and a hinge in one of the rods to enable the rods to swing upward relative to the toe and heel pieces.

2,437,029
COLLAPSIBLE SHOPPING CART
William B. Howard, La Jolla, Calif.
Application January 12, 1946, Serial No. 640,845
1 Claim. (Cl. 280—36)

In a shopping cart the combination of a back of sheet material, wheels mounted on the said back at the lower end thereof, a vertically disposed channel secured to the said back, a slidable handle positioned within the said channel, lateral grooves in the said handle, an opening in the



back of the said channel for registering with the said grooves, and a spring actuated latch for extending through the said opening and engaging any of the said grooves.

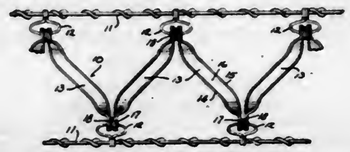
2,437,030
ATTACHMENT OF RUBBER SOLES TO UPPERS OF SHOES
John Hoza, Belcamp, Md.
Application June 19, 1946, Serial No. 677,785
11 Claims. (Cl. 36—14)



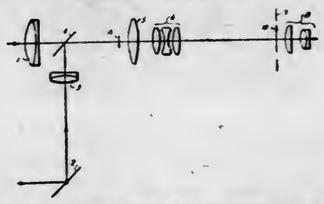
1. A shoe, including an upper having its lower portion turned inwardly horizontally to form part of the shoe bottom, the terminal edges of the upper extending downwardly and outwardly at an angle toward the side edges of the shoe, an inner sole extending between the turned-in portions of the upper and in the same horizontal plane to complete the bottom of the shoe, the marginal edges of the inner sole extending downwardly and outwardly at an angle corresponding to and contacting with the correspondingly turned terminal edges of the upper, stitches uniting the contacting terminal edges of the upper and inner sole to form an anchor, a mass of rubber providing an outer sole vulcanized to the inner sole and that portion of the upper forming part of the shoe bottom and also vulcanized to the lower portion of the shoe upper proper to provide an edge protective portion for the upper, and said anchor and stitches being enclosed in the mass of rubber to secure the meeting edges of the turned-in portion of the upper and of the inner sole, said stitches uniting such parts against breakage or separation during use of the shoe.

2,437,031
TIRE CHAIN
Pearley A. Jasmer, Milwaukee, Wis.
Application May 28, 1945, Serial No. 596,291
1 Claim. (Cl. 152—228)

In a device of the character described, a cross-link having a channel formation and eyes one in each end thereof, an angular planar bend of the link adjacent one end thereof, and a planar oppositely directed bend adjacent the other end thereof both bent portions being inclined rearwardly of said channel to conform to a tire curvature.

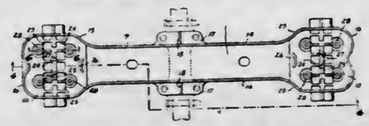


2,437,032
VARIABLE FIELD RANGE AND VIEW FINDER
Edward K. Kaprelian, Alexandria, Va.
Application August 9, 1945, Serial No. 609,840
4 Claims. (Cl. 88—2.4)



1. In a combined viewfinder and rangefinder system for photographic cameras, lens means for forming an image of the viewfinder field of view at a given magnification in a given plane, lens means for forming an image of a rangefinder field of view at the same magnification in the same plane, the area of said viewfinder field of view being less than that of the rangefinder field of view, means for obtaining registry between the rangefinder field of view and the corresponding portion of the viewfinder field of view, a single ocular for viewing said images simultaneously, said ocular and lens means producing an image at a fixed distance in space, and means for altering the magnification of the system from approximately 0.3 to 6 times to thereby vary to a considerable extent the size of the viewfinder field of view and the rangefinder field of view while maintaining the same image distance in space, said means comprising two or more axially displaceable lens elements between the ocular and the plane of the view finder and range finder images.

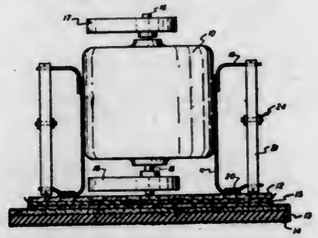
2,437,033
SPRING PLANK
Rudolph Leppla, Pittsburgh, Pa., assignor to McConway & Torley Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
Application April 3, 1946, Serial No. 659,356
4 Claims. (Cl. 105—190)



1. A one piece cast metal spring plank having an elongated body portion and widened end portions, the upper faces of which provide seats for coil spring groups, said plank having a marginal upwardly projecting flange extending along its sides and around its ends, the portions of the flange bordering the spring seats having rounded

spring positioning portions, said body portion of the plank having laterally projecting stiffening and attachment flanges intermediate its ends, said end portions each having upwardly projecting centrally disposed spring positioning lugs.

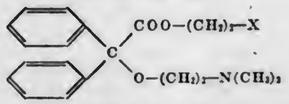
2,437,034
POLISHING MACHINE
Gotthold Harry Meinzer, Glendale, Calif.
Application September 6, 1944, Serial No. 553,126
2 Claims. (Cl. 51—170)



1. A device adapted to smoothing solid surfaces, comprising: a platen; a motor rigidly mounted on said platen with its shaft perpendicular thereto; a pair of eccentric weights attached to said shaft, rotating therewith and positioned on opposite sides of the center of mass of the system, said weights being at least substantially in phase and being so proportioned and positioned as to produce vibration of the system in planes parallel to the plane of said platen; a handle, and resilient means for attaching said handle to said motor on opposite sides thereof.

2,437,035
ETHER-ESTERS OF ORGANIC HYDROXY DIPHENYL ACETIC ACID AND PROCESS FOR MANUFACTURE OF SAME
Alexander Lang Morrison and Marianne Königstein, Welwyn Garden City, England, assignors to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey
No Drawing. Application April 1, 1947, Serial No. 738,734. In Great Britain March 30, 1946
Section 1, Public Law 690, August 8, 1946
8 Claims. (Cl. 260—472)

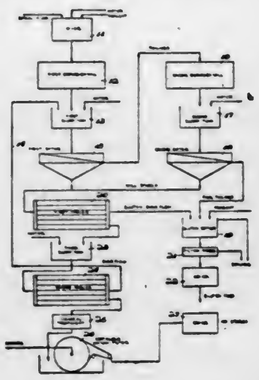
1. Derivatives of [β-dimethylaminoethoxy]-diphenylacetic acid of the formula



wherein X is selected from the group consisting of dimethylamino, diethylamino and piperidino radicals.

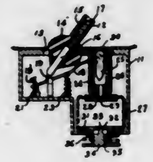
2,437,036
PRODUCTION OF STARCH FROM CEREAL GRAINS
Harvey K. Murer, Summit, and William A. Mitchell, Cedar Grove, N. J., assignors to General Foods Corporation, New York, N. Y., a corporation of Delaware
Application December 22, 1943, Serial No. 515,284
22 Claims. (Cl. 127—67)

1. A process of producing cereal starch from unsteeped grain which comprises mixing the grain with water and subjecting it to mechanical treatment in a colloidizing apparatus, whereby the



gluten is jellified and dispersed to release the starch granules, and then separating and recovering the starch.

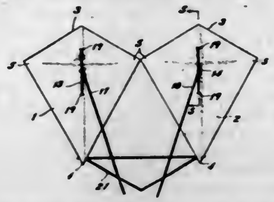
2,437,037
DELAYED ACTION ELECTRIC SWITCH
Perley A. Nelson and William R. Nelson, El Segundo, Calif.
Application April 12, 1946, Serial No. 661,548
4 Claims. (Cl. 200—34)



1. In an electric switch, a movable contact arm, a spring biasing said contact arm to a first position, a rockable resilient member engaging said contact arm, said rockable member being formed and arranged to exert a force at times urging said arm towards a second position, a normally open collapsible air container in the path of said arm as it moves toward said second position, means carried by said arm formed and arranged to substantially close said container as the arm begins its movement toward said second position, and a restricted exhaust opening in said container through which air is expelled under the influence of said force as said arm continues its movement toward its second position.

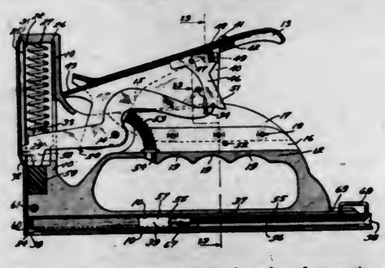
2,437,038
KITE
Wilfred A. Nowka, Hastings, Nebr.
Application November 18, 1946, Serial No. 710,589
5 Claims. (Cl. 244—153)

1. A kite comprising twin surface forming sections substantially diamond shaped, a frame common to both sections and to which said sections are secured in side by side coplanar relation, said frame comprising a pair of side sticks in the longitudinal axes of said sections, and a



pair of leading and trailing cross sticks connecting said side sticks together.

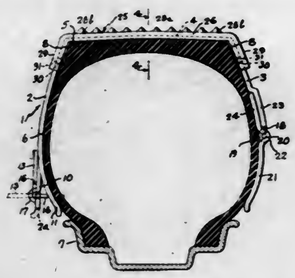
2,437,039
STAPLE DRIVING IMPLEMENT
Roy E. Peterson, Norwalk, and Howard M. Larsen, Fairfield, Conn., assignors, by mesne assignments, to Hotchkiss Realty Corporation, Norwalk, Conn., a corporation of Delaware
Application March 16, 1945, Serial No. 583,108
20 Claims. (Cl. 1—49)



1. In a portable staple driving implement, pawl operated staple driving mechanism including the combination with an implement frame of, a handle lever pivotally mounted on said frame to swing about an axis, a power lever pivotally mounted to swing about said pivotal axis, a staple driver impellably related to said power lever, and driving connection shiftably carried on one of said levers and arranged to transmit impelling force from said handle lever to said power lever in only one direction of lever swinging movement, a power spring stationed by said frame arranged to urge said power lever in the opposite direction of swinging movement, and an auxiliary spring stationed by said frame arranged to urge said handle lever in said opposite rotary direction.

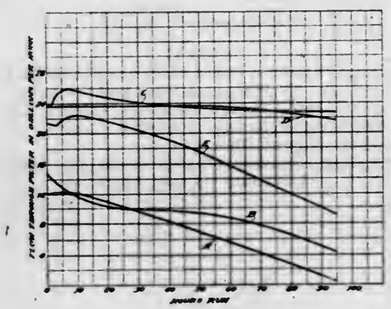
2,437,040
NONSKID DEVICE FOR TIRES
Gerard T. Prevost and John M. Downes, Bridgeport, Conn.
Application July 3, 1947, Serial No. 758,940
10 Claims. (Cl. 152—230)

10. A nonskid device for vehicle tires comprising a clamp including a strap member provided with spaced legs to engage opposite sides of a tire and a connecting bar to pass over the tread, manually operable means on one leg to clamp the legs against the sides of the tire, an insert tread member including a body portion over the connecting bar provided with road gripping lugs, said tread member including portions overlapping the outer portions of the leg members adjacent the connecting bar, said overlapping portions and the leg members being provided with cooperating lugs and openings to hold the tread member in position by spring action of said member, and a cam lever pivoted to one of said members and



adapted to force an end of the tread member outwardly to separate the adjacent lugs and openings.

2,437,041
HYDROCARBON FUEL OIL
Wayne A. Proell, Chicago, Ill., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application February 29, 1944, Serial No. 524,473
10 Claims. (Cl. 44—66)

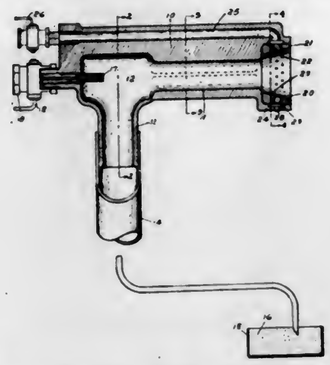


1. A normally liquid hydrocarbon fuel oil, normally susceptible to the formation of non-casual sediment and which normally causes clogging of small apertures, containing a filtered technical grade phosphatide substantially free of liquid hydrocarbon precipitable constituents, obtained by dissolving said phosphatide in a hydrocarbon solvent, and filtering the mixture, said filtered phosphatide being used in small but sufficient amounts to inhibit the clogging tendency of said hydrocarbon fuel oil.

2,437,042
MATERIAL PROJECTING APPARATUS
Robert A. Prosser, Riverside, and Arthur S. Nichols, Oak Park, Ill., assignors to The Illinois Clay Products Company, Joliet, Ill., a corporation of Illinois
Application May 29, 1944, Serial No. 537,917
3 Claims. (Cl. 91—44)

1. Apparatus for projecting light weight granular solids and the like comprising in combination a tubular member having a straight bore with an open discharge end, a suction chamber extending at an angle from the entrance to said bore, said chamber being connected with a con-

duit leading to a supply of said light weight solids, an air jet at the entrance end of and in alignment with said bore discharging a stream of air down said bore and adapted to create a suction in said chamber sufficient to cause said solids to



be forced into said conduit and sent into said chamber to join said air stream and to be carried thereby out the discharge end of said bore, and means at said discharge end and around the stream of solids for adding liquids thereto as they leave said discharge end.

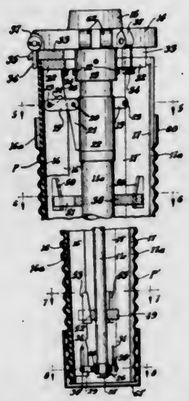
2,437,043

COLLAPSIBLE PILE-DRIVING MANDREL

Edmund W. Riemenschneider and Douglas T. Greth, Canton, Ohio, assignors to The Union Metal Manufacturing Company, Canton, Ohio, a corporation of Ohio

Application November 2, 1945, Serial No. 626,194

4 Claims. (Cl. 61—79)



1. In combination, a corrugated pile shell, a mandrel for driving said shell into the ground by engaging the inner surface of the shell, said mandrel including a plurality of circumferentially arranged segments having soft rubber facings, and means for forcing said segments radially outward to squeeze said facings into the corrugations, said facings having sufficient radial thickness to substantially fill said corrugations when the segments are forced radially outward.

2,437,044

PROCESS OF TANNING WITH CHROMIATES OF LIGNIN SULFONIC ACIDS

Edwin A. Robinson, Chatham, and Ralph M. Beach, Florham Park, N. J., assignors to Nopco Chemical Company, Harrison, N. J., a corporation of New Jersey

No Drawing. Original application November 21, 1941, Serial No. 419,944. Divided and this application August 2, 1945, Serial No. 608,607

6 Claims. (Cl. 8—94.26)

1. In the process of tanning leather, the step which comprises subjecting the leather to the action of an aqueous solution of a chromiate produced by reacting a water-soluble dichromate with a compound selected from the class consisting of lignin sulfonic acid and formaldehyde condensation products thereof, the quantity of dichromate used being not more than 20% based on the weight of the solids in the lignin compound.

2,437,045

DETERMINATION OF HYDROCARBON CONCENTRATION IN SOIL SAMPLES

Edwin E. Roper, Tulsa, Okla., assignor to Stanolind Oil and Gas Company, Tulsa, Okla., a corporation of Delaware

Application April 24, 1944, Serial No. 532,427

5 Claims. (Cl. 23—232)

1. A method for determining an index of the concentration of hydrocarbons sorbed on a soil sample, comprising subjecting each of a plurality of de-aerated, substantially similar portions of said soil sample to an artificial atmosphere, each of said atmospheres initially containing a different known concentration of hydrocarbons, maintaining each of said atmospheres in contact with the corresponding portion of said soil sample for a substantial period of time sufficient to establish substantial equilibrium between the partial pressures of the hydrocarbons in the artificial atmosphere and the hydrocarbons sorbed on the soil sample, then determining the concentration of hydrocarbons in each of said atmospheres, whereby said index may be determined.

2,437,046

STABILIZATION OF POLYESTERS

David A. Rothrock, Jr., and Richard F. Conyne, Philadelphia, Pa., assignors to The Resinous Products & Chemical Company, Philadelphia, Pa., a corporation of Delaware

No Drawing. Application October 15, 1943, Serial No. 506,432

7 Claims. (Cl. 260—75)

1. In the stabilization against change in molecular weight of a linear polyester consisting of chains from a saturated dicarboxylic acid with a chain of four to fourteen carbon atoms and carboxyl groups as the sole reactive functional groups and a saturated dihydric alcohol with a chain of two to twelve carbon atoms and alcoholic hydroxyl groups as the sole reactive functional groups, the steps which comprise reacting by condensing under the influence of heat the acid and the alcohol until polyesterification has taken place, then reacting under the influence of heat as the sole reactants the resulting linear polyester and from 0.0015 to 0.075 gram mol per kilogram of said polyester of a phosphorous compound from the group consisting of alkyl phosphite esters in which the alkyl group has one to eight carbon atoms and phenyl and alkylphenyl phosphite esters wherein the alkyl substituent is joined to the phenyl group and contains one to eight carbon atoms.

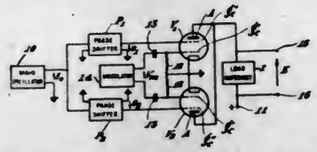
2,437,047

PHASE MODULATION

Leon Rubin, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee

Application December 23, 1943, Serial No. 515,446

9 Claims. (Cl. 179—171.5)



1. The method of varying the phase of an electrical oscillation in accordance with the amplitude variations of a modulating potential, which comprises the steps of generating a main oscillation, deriving from said main oscillation two partial oscillations having a phase difference smaller than π radians, antiphasally varying the amplitudes of said partial oscillations in accordance with the amplitude variations of a predetermined portion of the period of said modulating potential, antiphasally maintaining the amplitudes of said partial oscillations substantially constant during the remaining portion of the period of said modulating potential, and vectorially adding said non-linearly amplitude modulated partial oscillations to produce an electrical oscillation having a phase angle substantially proportional to the amplitude of said modulating potential.

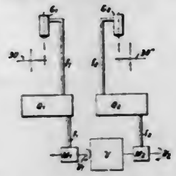
2,437,048

APPARATUS FOR DETERMINING THE RELATIVE DIFFERENCES OF SPEED OF TWO ROTARY ELEMENTS

Jaime Sallés, Montevideo, Uruguay

Application January 16, 1945, Serial No. 573,126

2 Claims. (Cl. 235—103.5)



1. Apparatus for testing the speed of a rotating member, such as a shaft, disc of a meter and similar apparatus, in comparison with the speed of a rotating standard member, wherein a band of alternating light-absorbing and light-reflecting marks is provided on each of said members, and wherein two photo-electric heads are provided each one adapted to scan one of said bands and to convert the sequence of light fluctuations scanned at the rotation of the appertaining member into a sequence of electric impulses, a synchronous motor being associated with each one of said photo-electric heads and adapted to be electrically driven under frequency-control by the electric impulses of said sequences synchronously therewith, for thus producing at the shaft of each of said motors a speed proportional to the speed of said rotating member associated therewith; characterized by differential gear means being coupled to the rotary member for producing the differential of both said motor speeds, said apparatus further including a computing device adapted to be actuated by said differential speed and the speed of said motor associated with said standard member for thus computing the relation of the speed difference of said member to be tested and said standard member to the speed of said standard member.

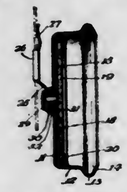
2,437,049

EAR PROTECTOR

Robert Henry Salisbury and Edward Martin Oehser, San Diego, Calif., assignors to Consolidated Vultee Aircraft Corporation, San Diego, Calif., a corporation of Delaware

Application January 5, 1945, Serial No. 571,399

1 Claim. (Cl. 128—152)



An ear protector comprising, a cup of relatively thin elastic material, with a substantially flat back-wall and an integral annular rim adapted to extend around the ear and the bony structure thereof, a supporting device, means, including cup-shaped washers of different diameters and engaging the opposite faces of said back wall and a screw, for clamping the washers against the central portion of the elastic back-wall and connecting said portion of the back-wall to the device, with the circumferentially outward portion of the back-wall free to be flexed angularly relatively to its central portion, a substantially flat stiffening plate having one of its faces fitting against, and free for angular movement with, said outward portion of the back-wall, a substantially flat sound-damping disk fitting against the other face of the plate, and an annular member in the annular rim, for removably confining the plate and disk between the back-wall and said member and in outwardly spaced relation from the free end of the rim.

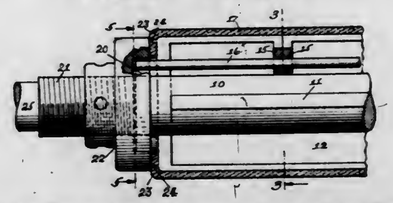
2,437,050

DAMPENING ROLLER

Armand C. Schulz, Milwaukee, Wis.

Application February 5, 1945, Serial No. 576,275

3 Claims. (Cl. 91—67.8)



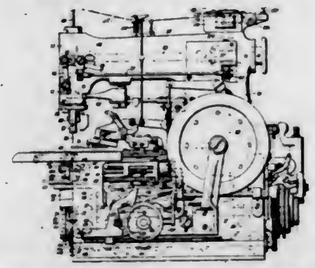
1. A dampening roller comprising a longitudinal bearing shaft having three spaced radially extending longitudinal ribs; two semi-cylindrical roller sections hinged along one longitudinal edge to the central of said ribs and arranged to swing into and out of contact with the other ribs; complementary hub sections arranged at the ends of the two semi-cylindrical roller sections; and a holding cap threaded on each end of said longitudinal bearing shaft and arranged to engage over said complementary hub sections when in closed relation; an absorbent covering for the two

semi-cylindrical roller sections having its longitudinal edges turned in around the longitudinal edges of said sections; and means for securing said sections in closed relation.

2,437,051
HYDROGENATION OF CARBON MONOXIDE
Eugene E. Sensel, Beacon, and Roland A. Beck, Glenham, N. Y., assignors, by mesne assignments, to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Application March 24, 1944, Serial No. 528,004
2 Claims. (Cl. 260—449.6)

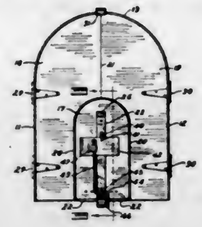
1. In the process for reacting carbon monoxide and hydrogen at elevated temperatures by contact with a catalyst, the method of increasing the yield of relatively unsaturated liquid hydrocarbons which comprises contacting a mixture of carbon monoxide and hydrogen at a temperature within the range of from about 392° F. to about 450° F. with a solid catalyst consisting of a major proportion of metallic cobalt in admixture with thorium oxide, and with an amount of sodium carbonate within the range corresponding to from about 0.55 to about 2.85 per cent sodium by weight based on the weight of the cobalt, supported on a siliceous supporting material, and correlating said contact temperature with the sodium content of said catalyst, said temperature being higher within said range as the amount of sodium is increased, thereby obtaining a maximum production of unsaturated liquid hydrocarbons.

2,437,052
THREAD-CONTROLLER FOR SEWING MACHINES
Edward P. Spaine, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application May 18, 1946, Serial No. 670,801
9 Claims. (Cl. 112—241)



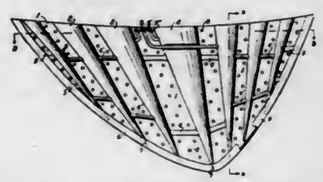
1. A two-thread sewing machine having work-holding means and stitch-forming mechanism which are relatively movable to space stitches, said stitch-forming mechanism including an endwise reciprocatory and laterally vibratory thread-carrying needle, a threaded looper and a non-threaded looper adapted alternately to enter thread-loops presented by said needle, loop-retainers for seizing thread-loops from said loopers and presenting them for entrance by said needle, means for actuating said stitch-forming mechanism including a driving bar operatively connected to said loop-retainers, thread-guiding means carried by said driving bar for directing thread to said threaded looper, and a thread-controller adapted to engage the thread between said thread-guiding means and said threaded looper.

2,437,053
MAILBOX
Clark F. Swanson, Cologne, Minn.
Application March 27, 1946, Serial No. 657,382
5 Claims. (Cl. 232—25)



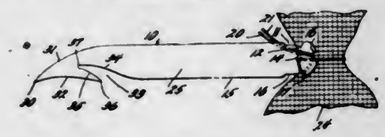
1. A door structure for a rural mail box having an open front end, comprising a center door hinged to swing forward and downward and adapted to close only a lower center part of said open end, and side doors hinged to swing outwardly and forwardly and adapted to cooperate to close the remaining side and upper portions of said open end.

2,437,054
INFLATABLE ORTHOPEDIC SHOULDER PAD
Ladislao Soboslay Tatai, Habana, Cuba
Application January 14, 1946, Serial No. 641,114
In Cuba July 2, 1945
8 Claims. (Cl. 2—268)



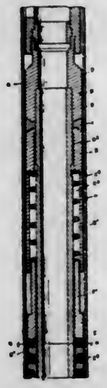
1. An inflatable shoulder pad comprising, a substantially semicircular foundation of flexible material, a plurality of hollow, spaced, substantially conical members having their bases in line with the straight side of said foundation and their apexes fixed to points at the periphery of said foundation, a plurality of links connecting each of said members to the adjacent one and the outlying members to said periphery, and means for inflating said members.

2,437,055
BAG SEAL AND HANDLE
Clifford J. Thompson, Davenport, Fla.
Application July 15, 1946, Serial No. 683,688
4 Claims. (Cl. 224—57)



1. A handle for a bag of netted material and closed by a drawstring, comprising an elongated strip of flexible material having at one end a point formed by the junction of a concave curved edge and a convex curved edge, meeting in an acute angle, having a deep recess extending toward the point forming a hook adjacent the concave edge portion, having at the end farthest from the point a recess and on each of the two sides near said farthest end a cord receiving slot ending in an eye, whereby when the two cords of the draw string are inserted in one of the eyes and the strip is pressed down to the bag while holding the free ends of the draw string the bag is closed and may be held closed by winding the string through the other slot and the recess and back through the first eye and the strip may therefore become a handle by catching the hook in the net at a convenient point, the distance between the hook and the slots being at least as great as the width of an adult hand.

2,437,056
PISTON CONSTRUCTION
John C. Vroman, Detroit, Mich.
Application June 10, 1946, Serial No. 675,733
5 Claims. (Cl. 309—4)



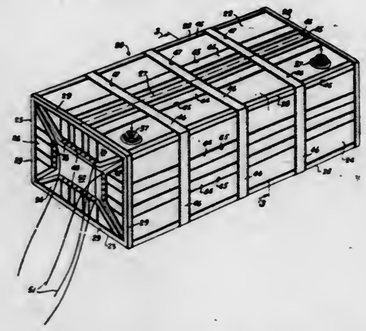
1. In a pump, the combination with a barrel and a plunger for reciprocation therewithin, of a series of packing rings sleeved on said plunger and forming peripheral sealing contact with said barrel, resilient means normally holding said series of rings in fixed relation to said plunger but permitting independent axial movement of the latter in case the rings adhere to the barrel, and a shoulder on said plunger for delivering an impact on said series of rings after a predetermined relative movement thereof.

2,437,057
HEAT SEALING METHOD
Harry F. Waters, New York, N. Y.
Application May 11, 1942, Serial No. 442,528
1 Claim. (Cl. 154—42)



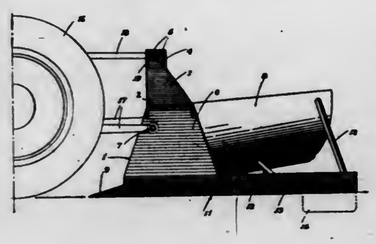
The method of forming heat seals comprising juxtaposing heat-sealable faces of sheet material, and applying heat and pressure to interfuse the same in a continuous seam with a flaring, generally V-shaped excess of the interfused sheet material formed as a dam interiorly and longitudinally of the seam.

2,437,058
COLLAPSIBLE CONTAINER FOR AIR TRANSPORTATION OF FLUIDS
Harry F. Waters, New York, N. Y.
Application July 3, 1943, Serial No. 493,340
3 Claims. (Cl. 150—0.5)



3. A flat-foldable cover for collapsible liquid containers, comprising longitudinal panel sections of fabric, rectangular stiffening inserts within the sections, at least two opposed sections being bipartite and all of the sections being joined by hinge lines, and separate end sections comprising trapezoidal segments secured to the ends of the panel sections and having their free ends covered with binding tape, the said tape extending along the longitudinal edges of the cover and being secured thereto.

2,437,059
GROUND WORKING IMPLEMENT
Marvin L. Williams, Tulare, Calif.
Application May 7, 1945, Serial No. 592,485
2 Claims. (Cl. 37—98)

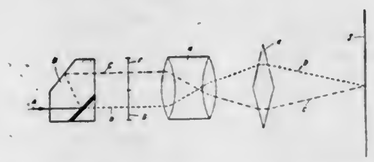


1. A ground working implement comprising a cross beam, a downwardly projecting vertically disposed plate at one end of the cross beam, a longitudinally disposed landside fixed to the lower edge of the plate and projecting rearwardly therefrom, a mold board fixed to the forward edge of the plate and projecting rearwardly and diagonally therefrom, a plow share fixed to the forward end of the mold board, a trunnion projecting outwardly from the plate and the opposite end of the cross beam respectively and adapted to be connected to draft links, an upstanding post disposed centrally of the cross beam, and means at the upper end of the post for connecting it to a compression link.

2,437,060
PROCESS OF RECOVERING GAMMA GLOBULINS FROM HUMAN BLOOD SERUM
John W. Williams and Harold F. Deutsch, Madison, Wis., assignors to the United States of America, as represented by the Secretary of War
No Drawing. Application October 23, 1945, Serial No. 624,102
5 Claims. (Cl. 260—112)

1. The method of recovering human serum gamma globulins which contain immune bodies from mixtures of human serum beta and gamma globulins which comprises, forming a suspension of a mixture of human serum beta and gamma globulins, adding a compound selected from an acid and acid buffer solution to adjust the pH to from 4.0 to 5.1, adjusting the pH to from 5.08 to 5.18, stirring said suspension, adding 0° C. pyrogen-free water containing sufficient electrolyte to provide a predetermined low level of ionic strength until the volume is approximately 20 liters per kilogram of said mixture suspended, adding ethanol until the ethanol concentration is from 15 to 17% and the ionic strength is 0.010 to 0.015 to precipitate the beta globulins, centrifuging to remove said precipitate, adjusting the pH of the effluent to from 7.0 to 7.2, adding ethanol to said effluent until the ethanol concentration is from 20 to 25% to precipitate the gamma globulins, and centrifuging to recover said gamma globulins.

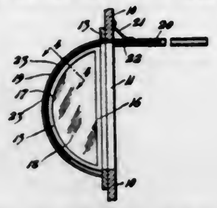
2,437,061
PROJECTION OF STEREOSCOPIC IMAGES
Edwin Herbert Wright, Farnham Common, England
Application June 5, 1946, Serial No. 674,481
In Great Britain September 7, 1945
2 Claims. (Cl. 88—16.6)



1. A system for the projection by means of a single light beam of stereoscopic cinematograph images consisting of left and right eye-view images arranged side-by-side on successive frames on a single width film, comprising means disposed in said beam between the light source and the film for dividing said beam into two parallel and contiguous beams polarized in planes mutually at right angles, said polarized beams passing through the left and right eye-view images respectively, a single objective and means for superimposing the respective eye-view images on the screen.

2,437,062
WIND SCREEN
Glen D. Wyble, Maywood, Calif.
Application November 1, 1945, Serial No. 626,037
2 Claims. (Cl. 160—91)

1. The combination with the side wall of the cab of a locomotive having a window opening therein, of a wind screen for inclosing said opening with obstructing clear vision therethrough which comprises a frame adapted to be attached to the outer face of the wall of the cab adjacent the window opening, an arched frame hinged to each vertical side bar of the first mentioned frame and extending outwardly from the outer side thereof, a transparent panel in each hinged frame, and a flexible member of transparent ma-

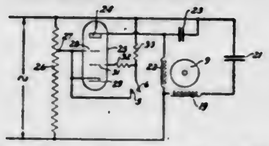


terial carried between the hinged frames and adapted to form a convex housing to protect the operator of the locomotive from the elements when he is occupying the normal driving position in the locomotive cab.

2,437,063
NONDIFFUSING 1-PHENYL-5-PYRAZOLONE COUPLERS FOR COLOR PHOTOGRAPHY
Walter Zeh, Wolfen, Kreis Bitterfeld, and Wilhelm Schneider and Alfred Fröhlich, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application February 17, 1942, Serial No. 431,263. In Germany August 8, 1940
7 Claims. (Cl. 95—6)

1. A silver halide emulsion for color forming development containing as the dyestuff former for red a soluble salt of 1-phenyl-5-pyrazolone containing in the 3-position of the pyrazolone nucleus a radical producing fastness to diffusion and in the phenyl nucleus at least one group increasing the solubility in water and in the positions of said phenyl nucleus selected from the group consisting of the 3-, 4- and 5- positions at least one substituent selected from the class consisting of alkyl, alkoxy, alkthio, alkseleno, aryloxy and halogens.

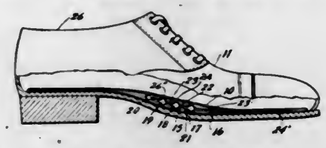
2,437,064
TWO-PHASE MOTOR CONTROL
John H. Andresen, Jr., Port Washington, N. Y., assignor to Square D Company, Detroit, Mich., a corporation of Michigan
Application January 29, 1946, Serial No. 644,136
10 Claims. (Cl. 318—31)



1. In a motor control system for controlling the direction of rotation of a two phase motor fed from a single phase alternating current source, means for feeding one phase of the motor from the source through a condenser, means for feeding the second phase of the motor from the source through a second condenser having a lower capacity than said first-mentioned condenser so that the current in the second phase of the motor leads the current in said one phase of the motor in time-phase relation to produce motor rotation in one direction, and means for feeding said second phase from the supply through a circuit

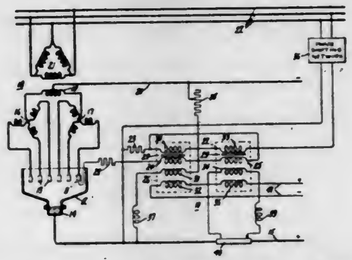
of substantially no capacity so as to produce a current in said second phase following in time-phase relation the current in said one phase to effect a rotation of the motor in the opposite direction.

2,437,065
BREATHING SHOE
Seneca B. Austin, Balboa, C. Z.
Application February 7, 1946, Serial No. 646,088
2 Claims. (Cl. 36—3)



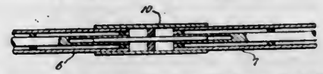
1. In combination with a shoe, of a removable insole therefor including a flexible casing, a resilient rubber filler therein having intersecting transverse and longitudinal interiorly disposed channels adjacent the instep portion thereof providing oppositely disposed similarly shaped vertically spaced lugs, and said insole being formed with an air inlet port through its upper surface connected with one of said transverse channels and with a plurality of outlet ports through its lower surface adjacent the toe end of said insole.

2,437,066
ELECTRIC CONTROL CIRCUIT
Georges Belfils, Belfort, France, assignor to General Electric Company, a corporation of New York
Application December 31, 1942, Serial No. 471,808
In France August 5, 1941
8 Claims. (Cl. 175—363)



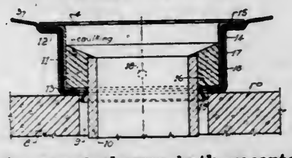
1. In combination, a supply circuit, a load circuit, at least one of said circuits being an alternating-current circuit, electric translating apparatus interconnecting said circuits including electric valve means having a control member, a control circuit for energizing said control member to control the transfer of energy between said circuits comprising a supply of alternating voltage having the same frequency as said alternating-current circuit, an impedance, a pair of saturable inductance devices each including an impedance winding and a control winding, means connecting said impedance windings and said impedance in series and across said supply of alternating voltage, means connecting said impedance in circuit with said control member, and means for energizing said control windings respectively in accordance with different electrical conditions to regulate said valve means selectively in accordance with said conditions.

2,437,067
ADJUSTING MEANS FOR TRANSMISSION LINES
Frank J. Bingley, Philadelphia, Pa., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application November 17, 1943, Serial No. 510,671
6 Claims. (Cl. 178—44)



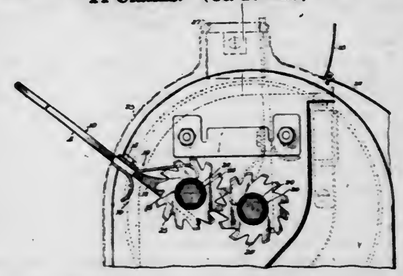
4. A co-axial transmission line comprising two main sections, an adjustable movable section for varying the length of the line, and two coupling sections, all of said sections being connected in series, said coupling sections each having an electrical length equal to a quarter-wave length, and each interposed lengthwise between and interconnecting one of said main sections and one end of said adjusting section, each of said coupling sections having a characteristic impedance equal to the geometric mean of the characteristic impedances of the said sections to which it is immediately connected.

2,437,068
DRAIN CONNECTOR FOR SHOWER BATH RECEPTORS
Benjamin F. Birdwell, Louisville, Ky., assignor to Porcelain Metals Corporation, Louisville, Ky., a corporation of Kentucky
Application October 5, 1944, Serial No. 557,342
7 Claims. (Cl. 4—146)



1. An improved shower bath receptor of the type having a floor of sheet metal of relatively light gauge and containing a drain opening comprising: a metal connector integrally connected to the floor to depend from the periphery of the drain opening, said connector being composed of floor metal.

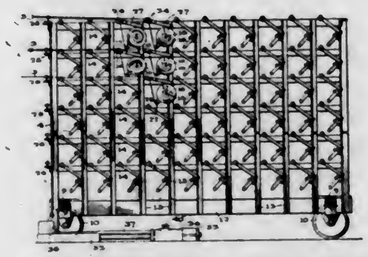
2,437,069
CLEANING TOOL FOR FOOD TENDERING MACHINES
Oscar Brownsey, La Porte, Ind., assignor to U. S. Slicing Machine Company, La Porte, Ind., a corporation of Indiana
Application October 16, 1943, Serial No. 506,484
14 Claims. (Cl. 17—25)



10. A tool of the character described, embodying a handle, a shaft engaging stirrup forming

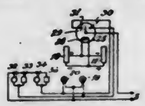
an extension of said handle, and a plurality of spaced fingers disposed on one side of said stirrup and inclining upwardly from the handle and away from said stirrup, the extremities of said fingers being curved in a direction towards but spaced from said stirrup.

2,437,070
PORTABLE LOOM CREEL AND ADJUSTING MEANS THEREFOR
Leslie E. Bryant, Auburn, N. Y., assignor to Nye-Wait Company, Inc., Auburn, N. Y., a corporation of New York
Application July 26, 1945, Serial No. 607,179
4 Claims. (Cl. 139—97)



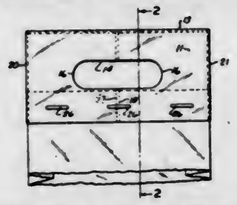
1. A portable loom creel comprising a wheeled frame having means for rotatably supporting a plurality of yarn packages, in combination with jack means for anchoring the creel against movement in the direction of delivery of the yarns from the yarn packages, said jack means being fixedly anchored at one end and having an adjustably movable part for abutting engagement with the creel.

2,437,071
MULTIPLE SMOKE DETECTOR
Clarence Noel Cahusac, Newark, and Frank B. Allen, Verona, N. J., assignors to C-O-Two Fire Equipment Co., Newark, N. J., a corporation of Delaware
Application October 2, 1945, Serial No. 619,743
6 Claims. (Cl. 177—311)



1. Apparatus for the purpose described comprising, a casing having a plurality of compartments with dividing walls arcuately arranged around a centrally located chamber, each compartment having an inlet for air and smoke and an outlet to said chamber, a source of light in said chamber, the chamber having an outlet for air and smoke and openings into each compartment whereby light rays from said source may pass through said openings into each compartment, a lens mounted in alignment with each opening to direct a beam of light across its compartment, a current generating photo-electric cell for each compartment and mounted therein in operative relationship to the beam of light therein, an indicating instrument mounted in the wall between two adjacent compartments and having an actuating coil connected across the series connecting leads joining the photo-electric cells of said adjacent compartments, said instrument having a movable member responsive to current from one of said cells with a pair of oppositely disposed cooperating contacts each connected to an alarm device.

2,437,072
BAG AND BAG HANDLE CONSTRUCTION
Norman H. Campbell, Toronto, Ontario, Canada
Application August 31, 1945, Serial No. 613,916
2 Claims. (Cl. 229—68)



1. In an assembled bag and handle structure, a handle consisting of a sheet of foldable stiff material of appreciable tensile strength, and folded to provide two major panel elements, each panel element being provided with an elongate hand aperture, and the line of fold between the panel elements being so located as to bring the hand apertures into register, an internal reinforcing sheet located between the major panel elements, and formed so as to avoid obstruction of the hand apertures, a bag or sack presenting a doubled portion of material along its upper margin and extended between the lower margins of the major panel elements, and holding means extending through the panel elements and the material of the bag adjacent said upper margin.

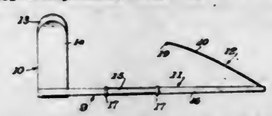
2,437,073
ELECTRIC CABLE CLAMP AND BOX
George Carlson, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York
Application May 21, 1946, Serial No. 671,255
10 Claims. (Cl. 285—24.5)



1. An electric cable box having side and bottom walls with knockout openings adjacent the intersection thereof, a screw mounted in the box at the intersection and a clamping member loosely mounted on said screw, said clamping member having substantially flat walls extending at an angle to each other, said clamping member being movable to permit a cable to be inserted through either of said knockout openings so that one of the clamp walls engages and clamps the cable against the surface of the corresponding wall of the box upon tightening of the screw.

2,437,074
BOOKMARK
Harold E. Chapin, Los Angeles, Calif.
Application October 24, 1946, Serial No. 705,426
7 Claims. (Cl. 116—119)

2. A bookmark comprising mounting means for separable connection to a book cover, a flat spring arm extending laterally from said means to span diagonally across the thickness of a number of pages of said book, and a spring page marker carried by the free end of said arm and angularly directed toward the mounting means, said marker comprising a spring wire having less

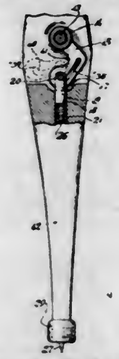


spring tension than the spring arm, whereby said marker, upon turning the page with which it is engaged, is flexed toward the spring arm and snaps back into engagement with the next topmost page.

2,437,075
GLYCERIDE OIL REFINING WITH FOOTS SOFTENING AGENT
Benjamin Clayton, Houston, Tex., assignor, by mesne assignments, to Benjamin Clayton, Houston, Tex., doing business as Refining Unincorporated
Continuation of application Serial No. 398,489, June 17, 1941, which is a division of application Serial No. 296,685, September 26, 1939. This application January 5, 1945, Serial No. 571,509
11 Claims. (Cl. 260—428)

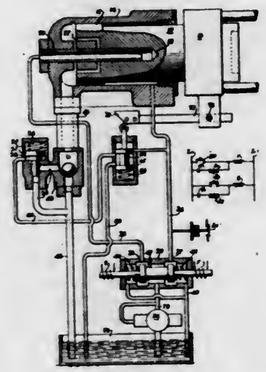
1. In the art of refining animal and vegetable oils wherein impurities are removed in the form of aqueous foots by centrifugal separation, the improvement which comprises the step of separating the foots by centrifugal separation in the presence of a softening agent for said foots selected from the group consisting of abietic acid, naphthenic acid, and water soluble soaps of such acids, the amount of said agent being sufficient to substantially soften said foots.

2,437,076
CRUTCH
Jerome H. Clemens, Chicago, Ill.
Application February 3, 1945, Serial No. 575,997
9 Claims. (Cl. 135—53)



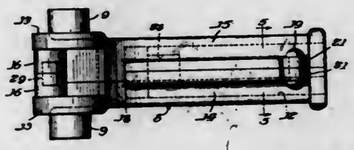
1. In a crutch having a tip, bowed supports, cam actuated prod means projectable beyond said tip, and a hand hold rotatably mounted between the said bowed supports, the said hand hold provided with an extension; slotted cam means in said extension, a forked member mounted on the upper end of said prod means and slidably secured to the extension of the said hand hold, and pin means articulately securing the said forked member to the said slotted cam means.

2,437,077
HYDRAULIC CIRCUIT FOR HALTING RECIPROCABLE RAMS
Lyndon C. Cole, Cleveland, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del., a corporation of Delaware
Application January 18, 1946, Serial No. 641,991
6 Claims. (Cl. 60—52)



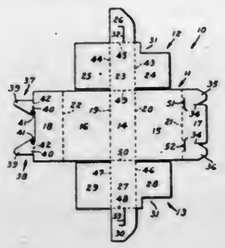
4. In a hydraulic system, a fluid motor having an inlet and an outlet; a pressure connection to said inlet and an exhaust connection to said outlet; a normally closed bypass valve means connected to said outlet; means responsive to a predetermined pressure of said inlet for actuating said valve means into an open position, said motor having a cam; other valve means having a part projecting into the path of said cam responsive to a predetermined movement of said motor; said cam being constructed and adapted to actuate said part for disconnecting said bypass valve means from said inlet pressure, and connecting the same to said exhaust.

2,437,078
LIFTING JACK
Charles A. Crane, Chicago, Ill.
Application April 17, 1946, Serial No. 662,815
3 Claims. (Cl. 74—523)



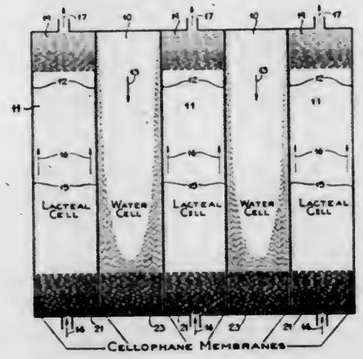
1. In a pawl carrier of the type described, the combination of an elongated member divided into two separable sections, one end of said member being provided with handle engaging means thereon, the opposite end of said member being forked to provide two spaced opposed ears, one ear being carried by each section of said member, axially aligned trunnions extending outwardly from the respective ears, a pair of axially aligned abutting pawl supporting members inwardly extending from the opposed faces of the respective ears and integrally formed with the latter, the axis of said pawl supporting members being spaced from the axis of said trunnions, and means for securing said sections together.

2,437,079
CONTAINER
Frank R. Curtiss, New Haven, Conn.
Application July 11, 1944, Serial No. 544,351
1 Claim. (Cl. 229—16)



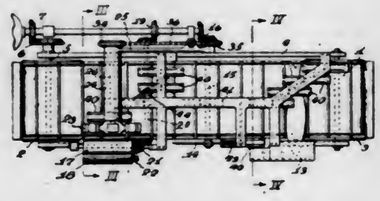
A blank for a folding carton comprising foldably joined front, top, rear and bottom panels; a pair of end panels foldably joined to opposed edges of said rear panel, a bottom flap foldably joined to each of said end panels and adapted to substantially cover said bottom panel interiorly of the erected container, and a clearance recess in each of said bottom flaps at the outer edge thereof, including a front locking panel foldably related to an edge of said bottom panel and having a pair of tabs for engaging a pair of locking flaps foldably joined to said end panels whereby said box may be secured in erected but open top condition for filling, and a pair of locking slits provided in the fold line between said bottom panel and said locking panel, including a pair of tabs foldably joined to a free edge of said front panel and insertable into said locking slits by virtue of the clearance provided by said clearance recesses in said bottom flaps.

2,437,080
FRACTIONATION OF LACTEAL LIQUIDS
Frederick K. Daniel, Kew Gardens, N. Y., assignor, by mesne assignments, to Sun Chemical Corporation, New York, N. Y., a corporation of Delaware
Application March 10, 1944, Serial No. 525,943
5 Claims. (Cl. 99—57)



1. A continuous osmotic diffusion and gravity stratification dialysis procedure comprising placing a lacteal fluid selected from the class consisting of cows' milk and cows' whey between vertical permeable membranes and placing water on the other sides of said membranes, permitting the free mineral salts and diffusable materials in the vertical layer of said lacteal fluid immediately adjacent the membrane to pass through the membrane into the water and water through the membrane into said vertical layer, whereby the specific gravity of said vertical layer will be reduced and then permitting said layer of reduced specific gravity to flow upwardly along the membrane and stratify at the top of the fluid, removing the reduced specific gravity upper strata from the top and introducing additional lacteal fluid at the bottom while maintaining the internal circulation due to change of specific gravity resulting from osmotic diffusion and without turbulence, the circulation within said fluid being solely due to gravity stratification.

2,437,081
FISH DRESSING MACHINE
Paul Danielsson, Stora Essingen, Sweden, assignor to Arenco Aktiebolag, Stockholm, Sweden, a joint-stock company of Sweden
Application July 10, 1944, Serial No. 544,204
In Sweden July 13, 1943
1 Claim. (Cl. 17—3)



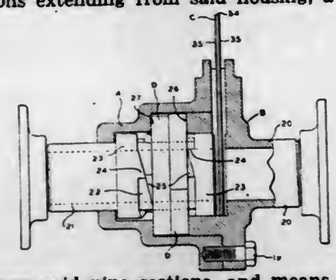
In a fish dressing machine, a conveyor for feeding the fish laterally, and a plurality of yielding members disposed above and extending longitudinally of said conveyor and having a successive relative displacement transversely as well as longitudinally of said conveyor to successively and yieldingly engage the upper side of a fish passing beneath them and displace the fish longitudinally by jamming over the tapered rear portion of the body of the fish.

2,437,082
WASH RESISTANT FILTER MEDIA
Herbert Leroy Davis, Highland Park, N. J., and Laurence R. B. Hervey, West Concord, Mass., assignors to Johnson & Johnson, a corporation of New Jersey
No Drawing. Original application April 18, 1942, Serial No. 439,550. Divided and this application July 11, 1944, Serial No. 544,473
2 Claims. (Cl. 210—203)

1. Wash resistant filter media, comprising a sheet-like structure of loosely associated fibers, the fibers near and at the surface of the sheet having wash resistance and being physically bonded at their points of contact by a sodium silicate bond having the property of being cold water non-dispersible upon drying and imparting said wash resistance to the surface of said sheet, the interstices between the points of contact of said fibers at and near the surface of said sheet and the interior fibers of said sheet being relatively free of said bond whereby fluids may be filtered through said sheet.

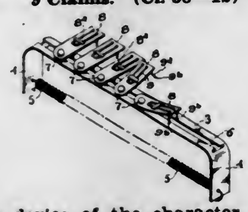
2,437,083
PIPE COUPLING
Eddie M. Dons, Tulsa, and Jesse V. Stevens, Oakhurst, Okla.
Application December 8, 1945, Serial No. 633,756
7 Claims. (Cl. 138—45)

1. A pipe coupling comprising a housing, pipe sections extending from said housing, a gasket



between said pipe sections, and means for detachably clamping the gasket between said pipe sections, said clamping means comprising an oscillatory operating ring surrounding one of said pipe sections, the last mentioned pipe section being provided with cam members at opposite sides of said oscillatory operating ring, cam members carried by said opposite sides of the oscillatory ring cooperating with the first mentioned cam members to clamp and release the gasket, said oscillatory operating ring being confined in said housing at one side of said gasket so as to limit lateral displacement of said ring with relation to the housing, and a driving member extending from said operating ring, said driving member being movable in opposite directions to provide for said clamping and release of the gasket.

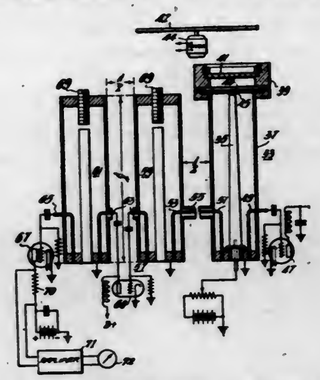
2,437,084
PLEAT HOLDING OR CLAMPING DEVICE
Simon Esecson, Malden, Mass.
Application July 9, 1946, Serial No. 682,402
9 Claims. (Cl. 38—12)



1. In a device of the character described, a strap member adapted to overlie a pressing board, spring means for securing said strap member to said board, elements riveted to said strap at spaced intervals, and pleat-securing members supported by said elements, said members having pointed portions adapted to be pushed through the pleats of a garment and into said board, said elements normally disposed in substantially the same plane as said strap member.

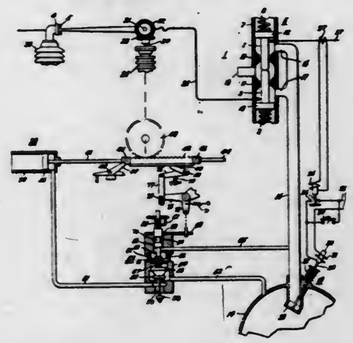
2,437,085
HEAT DETECTION DEVICE
John Evans, Kingston, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application March 12, 1943, Serial No. 478,969
13 Claims. (Cl. 73—362)

4. A heat detection device including in combination a radio frequency generator including a quarter wave concentric line, one end of said line including a capacitive element, said element having a heat absorption surface whereby the capacity of said element varies as a function of the heat to be detected, means effectively connected to said quarter wave line for amplifying



said radio frequency changes, detection means connected to said amplifier for converting said amplified radio frequency currents into a current corresponding to the frequency changes produced by the capacity changes of said element, and means for indicating said converted currents whereby said heat is indicated.

2,437,086
CONTROL FOR PRESSURE OPERATED SWITCHES
Edward J. Frank and Charles S. Keller, Springfield, Pa., assignors to General Electric Company, a corporation of New York
Application November 30, 1944, Serial No. 565,835
3 Claims. (Cl. 200—82)



1. In an electric circuit interrupter comprising a pair of relatively movable arcing contacts and a pair of relatively movable isolating switch contacts serially arranged with said arcing contacts, a first fluid motor for causing relative movement of said arcing contacts, a second fluid motor for causing relative movement of said isolating contacts, a source of fluid under pressure, means including a blast valve for interconnecting said source and said first fluid motor, means including a switch opening valve for interconnecting said source and said second fluid motor, means for opening said blast valve, means responsive to the

opening of said blast valve for opening said opening valve, a latch for holding said opening valve in the open position, means for causing said latch to perform said latching function upon operation of said last mentioned means, and means operative when said isolating contacts reach their open position for releasing said latch with the resultant closing of said opening valve.

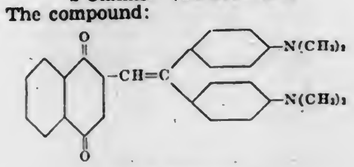
2,437,087

CONDENSATION PRODUCTS OF QUINONES WITH ACTIVE ETHYLENE COMPOUNDS

Marshall De Motte Gates, Jr., Arlington, Va.

No Drawing. Application December 22, 1944, Serial No. 569,423
2 Claims. (Cl. 260—396)

2. The compound:

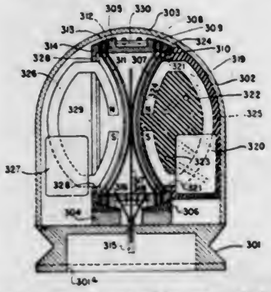


2,437,088

MICROPHONE ASSEMBLY

Gabriel M. Giannini, West Los Angeles, Calif., assignor, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware

Original application March 22, 1943, Serial No. 480,028. Divided and this application October 8, 1945, Serial No. 621,062
5 Claims. (Cl. 179—116)



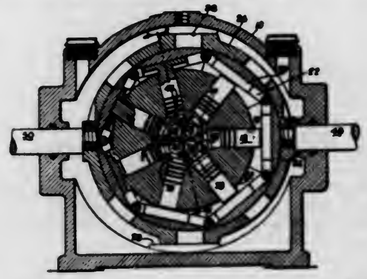
1. A microphone assembly comprising a casing, a frame disposed in said casing, a first diaphragm supported by one side of said frame, a second diaphragm supported by the other side of said frame, first magnetic structure disposed between said first diaphragm and one side wall of said casing and cooperating with said first diaphragm, a first winding coupled to said first magnetic structure, second magnetic structure disposed between said second diaphragm and the other side wall of said casing and cooperating with said second diaphragm, a second winding coupled to said second magnetic structure, and a block of water impervious material sealing said one side of said frame to said one side wall of said casing and embedding said first magnetic structure and said first winding, said block being spaced from said first diaphragm to define a chamber therebetween and having sound passages formed therein out of contact with said first magnetic structure and said first winding and communicating between said chamber and the exterior through connecting openings provided in said one side wall of said casing, whereby said first diaphragm communicates directly with sound from the exterior, said other side wall of said casing partially shielding said second diaphragm from sound from the exterior.

2,437,089

PINTLE PORTING

George M. Geiger and Walter Ernst, Mount Gilead, Ohio, assignors to H-P-M Development Corporation, Wilmington, Del., a corporation of Delaware

Application October 27, 1944, Serial No. 560,676
8 Claims. (Cl. 103—161)



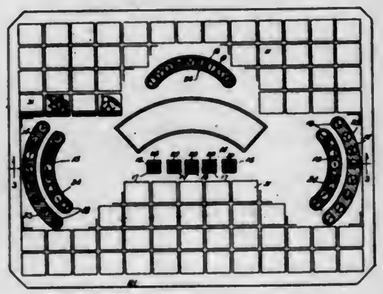
1. In a fluid operable pump having a valve member and variable capacity pumping means adapted for transferring fluid from an inlet to an outlet in said valve member, the improvement comprising forming said inlet so that communication is had between said inlet and said pumping means until the latter has attained its maximum capacity and has commenced discharging.

2,437,090

EDUCATIONAL TOY

Ira Gold, Chicago, Ill.

Application October 5, 1945, Serial No. 620,476
1 Claim. (Cl. 35—74)



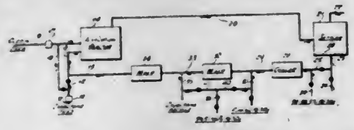
An educational toy comprising a base, a pair of spaced pins attached to opposite portions of said base, a major disc rotatably mounted on each of said pins, a minor disc rotatably mounted on each of said pins, spacers spacing said major discs vertically from said minor discs, a third pin attached to said base between said pair of pins, a third disc rotatably mounted on said third pin, all of said discs having a marginal circle of spaced letters and spaced inwardly therefrom a ring of letters, said circle of said minor discs spaced from said ring of said major discs so as not to overlap same, a cover attached to said base, said cover having curved slots for exposing portions of said rings of letters of all of said discs so that said discs may be turned from the front of the toy, said cover also having a plurality of spaced windows each exposing one at a time of the letters of said circles of each of said discs, said windows being in alignment so that the letters exposed through said windows may spell out a word, said discs adapted to be moved until desired letters of said rings are positioned at the lowermost corners of said slots to produce corresponding letters of said marginal circles to be exposed through said windows.

2,437,091

SULFURIC ACID FORTIFICATION IN ISOPARAFFIN ALKYLATION

Arthur R. Goldsby, Beacon, and Claude W. Watson, Eastchester, N. Y., assignors to The Texas Company, New York, N. Y., a corporation of Delaware

Application January 23, 1945, Serial No. 574,137
5 Claims. (Cl. 260—683.4)



1. In the continuous alkylation of an isoparaffin with an alkylating agent in the presence of H_2SO_4 catalyst of alkylation strength in a reaction zone, wherein alkylation reaction products from the reaction zone are separated into hydrocarbon and catalyst phases, and a substantial proportion of the separated catalyst phase is recycled to the reaction zone and the balance is discharged, the improvement which comprises chilling the recycle acid stream to about 20–30° F., adding to the chilled recycle acid stream a stream of fuming sulfuric acid, promptly agitating the mixed streams to avoid localized overheating, controlling the strength and amount of fuming acid added in accordance with the water content of the recycle acid to thereby reduce the water content of the latter to less than 1% by weight while avoiding any residual free SO_3 in the fortified recycle stream, controlling the chilling of the recycle acid and the mixing of the fuming acid therewith so that the heat liberated does not raise the temperature of the agitated mixture above about 40° F., and returning the resultant fortified recycle acid to the reaction zone in an amount to maintain the system acid therein at a titratable acidity between 80 and 90%, with a water content of less than 4% by weight.

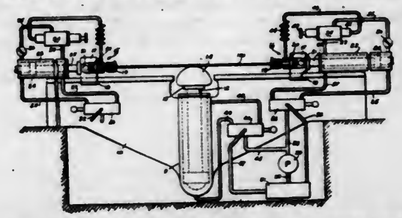
2,437,092

METAL-STRETCHING PRESS

Arthur M. Greene, Jr., Princeton, N. J., and Walter Ernst, Mount Gilead, Ohio, assignors to H-P-M Development Corporation, Wilmington, Del., a corporation of Delaware

Application September 22, 1944, Serial No. 555,238
11 Claims. (Cl. 153—48)

10. A method of forming workpieces from sheet material which comprises, rigidly gripping a sheet of material along at least two edges thereof, effecting relative movement between said sheet and a forming member so as to form the workpiece, and automatically maintaining a positively controlled tension in said sheet at a substantially predetermined constant amount throughout the whole of said relative movement and the entire formation of said workpiece by automatically positively paying out said rigidly gripped edges of said sheet at substantially right angles to the plane of said forming member in response to said tension.

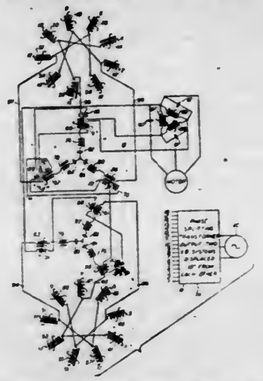


2,437,093

MAGNETIC FREQUENCY CHANGER

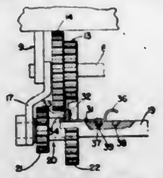
Henry Martin Huge, Lorain, Ohio, assignor, by mesne assignments, to Lorain Products Corporation, Lorain, Ohio, a corporation of Ohio

Application May 13, 1944, Serial No. 535,479
31 Claims. (Cl. 172—281)



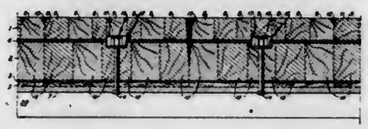
29. In combination, a saturable magnetic core structure comprising a plurality of core members in three sections arranged magnetically in series, each section having three primary core members in parallel with each other, and in parallel with a secondary core member, a primary winding on each of said primary core members adapted to be energized from a polyphase source of alternating current, the three primary windings in each section being star-connected to a substantially symmetrical three-phase system, the phase displacement between the induced voltage from adjacent primary core members magnetically in series with each other being substantially twenty electrical degrees, the phase displacement between the induced voltages from adjacent primary core members in parallel with each other being substantially 120 electrical degrees, a secondary winding on each secondary core member, the three secondary windings being adapted to have induced in them three-phase voltage of a frequency three times the frequency of the alternating current source, and three capacitors in series with the three secondary windings in a star-connected circuit connected to the three star-midpoints of the primary windings, output circuit means comprising substantially equal output windings on each of said secondary core members, the output windings being connected in series, and a fourth capacitor shunted by a saturable inductance energized from said output windings.

2,437,094
GEAR SHIFTING MECHANISM FOR GRAIN DRILLS OR THE LIKE
William A. Hyland, Horicon, Wis., assignor to John Deere Van Brunt Company, a corporation of Wisconsin
Application December 22, 1945, Serial No. 636,840
3 Claims. (Cl. 74—342)



1. In a grain drill, a shaft, a gear member slidable thereon, said shaft having a pair of axially spaced recesses therein, and gear shifting and holding means comprising a flat spring member adapted to extend for the major portion of its length along said shaft and having at one end a radially outwardly turned portion and means securing said outwardly turned portion to said gear, the opposite end portion of said spring member having a lug thereon engageable in either one or the other of said recesses in the shaft, depending upon the position of said gear thereon, and said spring member having outwardly of said stud an integral radially outwardly curved generally hook shaped section serving as a finger hold by which said spring member may be swung outwardly to disengage the stud from the recess and when the lug is so disengaged said finger hold may be used to shift said gear into another position on said shaft.

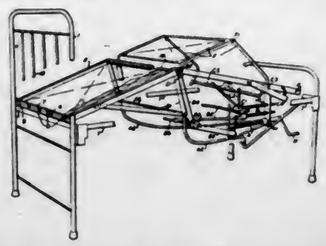
2,437,095
WOODEN DECK COVERING ON SHIPS
Gustaf Kähr, Stockholm, Sweden
Application November 29, 1943, Serial No. 512,227
In Sweden September 29, 1943
4 Claims. (Cl. 114—85)



1. In a ship, a floor structure comprising a series of supporting beams arranged transversally of the ship and a wooden deck covering composed of comparatively long and narrow boards with grooves between them and fixed to the upper surfaces of the beams, a filling of glue in the majority of the grooves between the long and narrow boards and a filling of fibrous material having an elastic action in the remaining grooves between the boards, the number of which grooves is only a small fraction of the grooves filled with glue.

2,437,096
HOSPITAL BEDSTEAD
Hassanally Khimji Khakiani, Bombay, British India
Application June 11, 1943, Serial No. 490,501
In British India June 11, 1942
15 Claims. (Cl. 5—69)

1. In a hospital-type bedstead installation, the combination of a mattress supporting frame, leg-rest and back-rest mattress sections arranged end to end and supported upon said frame, means pivotally connecting the adjacent ends of the sections, operating means for applying a force to the pivoted end of the leg-rest section and tending to move the same in an inclined longitudinal direction, means at the footend of the leg-rest



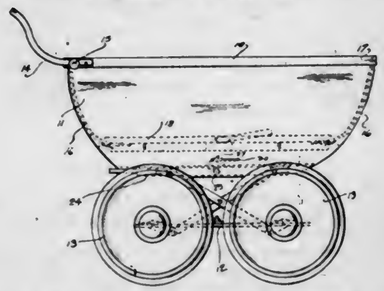
section to restrain the latter from moving longitudinally whereby the force applied by the operating means is rendered effective to variably elevate the pivoted end of the leg-rest section, and operating means for moving the back-rest section about said pivot means.

2,437,097
GETTER STRUCTURE
Aden J. King, Syracuse, N. Y., assignor to King Laboratories Inc., Syracuse, N. Y., a corporation of New York
No Drawing. Application January 5, 1945, Serial No. 571,537
3 Claims. (Cl. 250—27.5)

1. A getter structure comprising a support formed of thin sheet nickel, a quantity of getter material positioned on said support, said material comprising a mixture of

	Parts by weight
Powdered alloy (25 to 75% barium, 75 to 25% aluminum)	100
An oxide of nickel	15 to 40

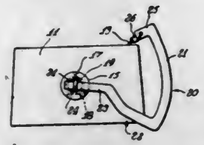
2,437,098
BABY CARRIAGE WITH DETACHABLE BODY
Samuel Kroll and Nathan J. Kroll, Chicago, Ill.
Application June 26, 1944, Serial No. 542,123
2 Claims. (Cl. 296—35)



1. A baby carriage including a chassis having opposite side rails, a member extending transversely of the chassis and supported by the side rails, a keeper lug carried by said member and extending upwardly therefrom, a carriage body, a mounting member in said body and having an elongated slot formed therein registering with an elongated slot formed in the body, said keeper lug being adapted to project through said slots

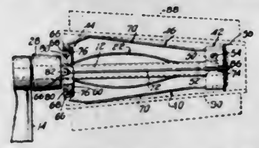
when said body is mounted on said side rails, and a latch lever pivotally carried by said mounting member and adapted to have latched engagement with said keeper lug for releasably latching said body upon said side rails.

2,437,099
COMBINATION HANDLE AND CLOSURE MEANS FOR HANDBAGS
Louis Krupp, Brooklyn, N. Y.
Application July 25, 1945, Serial No. 606,951
4 Claims. (Cl. 150—42)



4. In a hand bag having a front wall and a rear wall and slide fastener closure means therefor, a combination rigid substantially L-shaped handle member and closure operating means comprising a hand grip leg and a substantially right-angular arm depending therefrom, said closure means including a grip tab, means connecting said grip tab with the forward end of said hand grip leg, a swivel mounted in said front wall, the lower end of said arm being secured to said swivel.

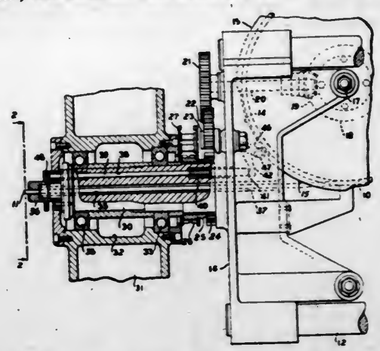
2,437,100
AUXILIARY BOBBIN SUPPORT FOR USE ON THE SHANK OF A BOBBIN HOLDER
Fritz Lambach, Tenafly, N. J.
Application October 16, 1944, Serial No. 558,838
19 Claims. (Cl. 242—130)



1. An auxiliary bobbin support adapted to be mounted on a bobbin holder having a shank provided with bowed springs having their free ends slidably engaging the shank for receiving a cylindrical bobbin tube, comprising a substantially conical-shaped body for the support of a conical bobbin tube, said body having a first aperture near one end adapted to be passed over said bowed springs into a mounting position near one end of said shank, and said body having a second aperture spaced from said first aperture and adapted to be engaged with the other end of said shank.

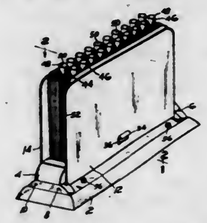
2,437,101
LENGTH MEASURING APPARATUS IN COMBINATION WITH A TWISTING MACHINE
Elmer J. Larsen and Oscar G. Nelson, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application July 23, 1942, Serial No. 452,028
7 Claims. (Cl. 33—129)

4. A measuring apparatus in combination with a twisting machine having a flier to twist advancing material, a hollow shaft to rotatably support the flier and a rotatable member in the flier to advance the material, which comprises a counter unit to register the length of the twisted material, the counter unit being mounted externally



of the flier, an element in the flier movable with the material, and mechanism extending from the counter unit, through the said shaft and into the flier for actuation by the element to actuate the counter unit.

2,437,102
INDEX DEVICE
Raymond B. Larter, Los Angeles, Calif., assignor of one-half to Leonard J. Hull, Los Angeles, Calif.
Application December 29, 1945, Serial No. 638,021
7 Claims. (Cl. 129—15)

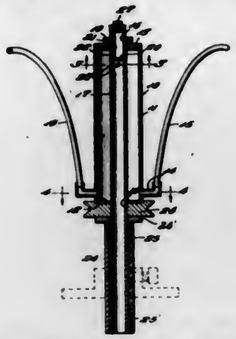


2. In an indexing device of the class described comprising a longitudinal base, a pair of upright members each mounted upon the respective end of said base, a pair of hinged covers mounted between said pair of uprights and providing a space therebetween, a longitudinal plate mounted between said uprights and within said space between said covers, a lock means at each side of said plate for engaging a passage in said covers, a spring at each end of said plate for holding said covers in locked position by urging said lock means into place, a pair of rings mounted upon said longitudinal plate for mounting index cards and index sheets thereon, and selector means on each of said index cards for selectively actuating the disengagement of said lock means and thereby causing said covers to open.

2,437,103
CENTRIFUGAL PUMP
John F. Leach, Childress, Tex.
Application March 2, 1946, Serial No. 651,527
3 Claims. (Cl. 103—113)

1. A centrifugal pump comprising a tubular supporting member, a feed pipe, one end of the feed pipe being mounted in the tubular support-

ing member to rotate about its longitudinal axis, an elongated tubular chamber carried by and enclosing a portion of the feed pipe that projects beyond the supporting member, said feed pipe having radial openings near its end remote from the supporting member, said openings establish-



ing communication between the pipe and the chamber, discharge nozzles radiating from the tubular chamber adjacent the end nearest the supporting member and means on the pipe between the supporting member and the chamber to impart rotary motion to the feed pipe and the chamber.

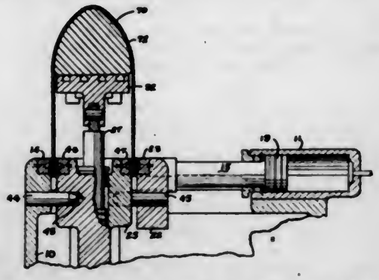
2,437,104
FOOD PRODUCT AND PROCESS OF PRODUCING SAME
Royal Lee, Milwaukee, Wis., assignor to Lee Foundation for Nutritional Research, Milwaukee, Wis., a corporation of Wisconsin
No Drawing. Application September 4, 1943, Serial No. 501,281
6 Claims. (Cl. 99—206)

1. A process for producing a dry, water-soluble, fruit juice concentrate, which comprises admixing a calcium-bearing phytate in a fruit juice containing an organic acid of the class consisting of citric and malic acids to form a liquid solution, the proportions of phytate and acid of the juice being of the same order of magnitude and said phytate and juice solids constituting essentially the entire portion of the solids in the solution, and dehydrating the liquid so formed into a dry, relatively non-hygroscopic, water-soluble product.

2,437,105
METAL-STRETCHING PRESS HAVING SLIDABLE PLATEN SUPPORTS PROVIDED WITH CLAMPING FACES
Robert J. Lindsey, Mount Gilead, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del., a corporation of Delaware
Application December 8, 1944, Serial No. 567,159
13 Claims. (Cl. 153—48)

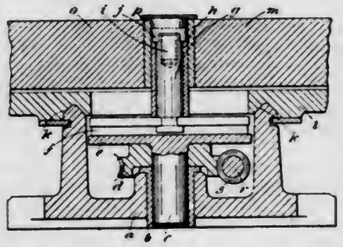
1. In a stretching press, a press block having a plurality of parallel cylinder bores therein, a plunger reciprocable in each bore, a platen, a pivotal connection between one plunger and said platen, a sliding pivotal connection between each remaining plunger and said platen, said block having generally parallel clamp faces along opposite sides thereof in planes substantially parallel to the plane of said plungers, and a press frame, having track means on which said block is guided for translation substantially normal to said planes.

11. A stretching press comprising a press block, a platen, motor means for effecting relative movement between said block and platen, said block having a pair of clamp faces on opposite sides thereof, a press frame slidably supporting said block and having a clamp face cooperable with one of the faces on said block, a press bar slidable on said frame and having a clamp face



cooperable with the other of the clamp faces of said block, motor means for forcing said cooperable clamp faces together to clamp a workpiece therebetween, and cooperating means carried by said frame, bar and block and operable when said clamp faces have been forced together to maintain the said frame, bar and block substantially rigid against the thrust of said platen on the clamped workpiece.

2,437,106
GRINDING OR LIKE MACHINES
Harry Livingstone, Longsight, Manchester, and William Edward Rogers, Timperley, Altrincham, England, assignors to Manchester Repetition Engineers Limited, Longsight, Manchester, England, a British company
Application September 7, 1946, Serial No. 695,498
In Great Britain September 20, 1945
4 Claims. (Cl. 51—166)



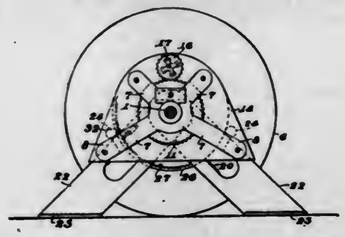
1. Means for obtaining a circular movement of a tool or of a workpiece, comprising a base which is fixed with respect to a machine tool, a slotted table rotatably mounted on the base, a lower slide arranged to slide in a fixed direction with respect to the base and having a central aperture, a top slide adapted to carry a tool or workpiece and arranged to slide on the lower slide in a direction at right angles to the direction of movement of the lower slide, and a driving pin having one end fixed in the slot of the table in an eccentric position and adjustable with respect to the axis of the table and the other end journalled in the top slide, and passing through the aperture of the lower slide, so that rotation of the table produces a circular movement of the top slide.

2,437,107
APPARATUS FOR FORMING AXLE BEARINGS
Lee J. Lyons, Webster Groves, Mo.
Application February 23, 1944, Serial No. 523,512
4 Claims. (Cl. 22—123)



1. In apparatus for casting liner metal in a railway axle journal bearing, a mandrel arranged to cooperate with the bearing to form a mold for liner metal, a holding member abreast of but spaced from the mandrel far enough to freely accommodate the positioning of a bearing between the mandrel and the member, a device carried by said member and operable to clamp the bearing against the mandrel, the member forming a conduit for cooling fluid and having outlets adjacent said device for discharging the fluid against the back of the bearing.

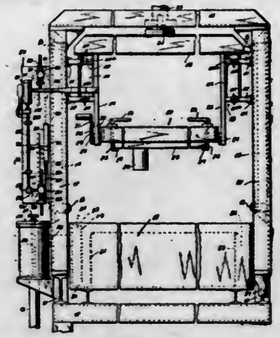
2,437,108
CHOCK FOR AIRCRAFT AND OTHER VEHICLES
Martin J. Madison, Oteen, N. C.
Application June 27, 1945, Serial No. 601,855
6 Claims. (Cl. 188—5)



1. The combination of a vehicle frame, a wheel rotatably carried by said frame, a pair of chocking members also carried by said frame and restrained to move in paths angularly related to each other and radially with respect to said wheel, and means to simultaneously shift said members into extended and retracted positions.

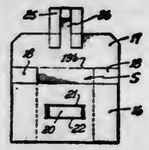
2,437,109
DIPPING MACHINE
Lloyd E. Maquat, Easton, Conn., assignor to The Black Rock Manufacturing Company, Bridgeport, Conn., a corporation of Connecticut
Application February 25, 1941, Serial No. 380,452
9 Claims. (Cl. 18—24)

1. In a dipping machine, a receptacle, a frame, a carrier mounted by said frame for guided movements toward and from the contents of the receptacle, means for mounting forms on said carrier, hydraulic means for moving said carrier in the frame to carry the forms into and out of the contents of the receptacle, said hydraulic means including a piston and cylinder construction, a source of liquid under pressure, valve means for distributing such liquid to the cylinder at opposite sides of the piston to lower and raise the carrier, a pair of valves comprising a fast and a slow valve controlling the passage of said liquid under pressure to the distributing valve, means whereby said fast valve is open and said slow valve is closed during movements of the forms toward and from the contents of the receptacle and said fast valve is closed and said slow valve is open during movement of the forms



into and out of and while in the said contents of the receptacle, and said means for opening said slow valve including a cam whereby the rate of opening of said slow valve is controlled by the contour of said cam.

2,437,110
PACKAGE
Milton T. Marler, Los Angeles, Calif.
Application June 24, 1944, Serial No. 541,864
1 Claim. (Cl. 229—37)

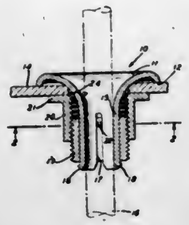


A package comprising: a blank of paper or like material having a back section; a front section foldable on the back section, a closure flap; end flaps on the ends of the back section foldable inwardly between said front and back sections; and fastening means for securing said closure flap folded on said front section, comprising a strap secured at its ends to said front section, an H-shaped extension on said closure flap foldable transversely along a line coinciding with that edge of the transverse portion thereof adjacent the closure flap, said extension extendable in its folded form beneath said strap a distance sufficient to project that edge of said transverse portion nearest the closure flap beyond that edge of said strap furtherest from the closure flap, and a tongue on said closure flap between the legs of said extension, said tongue extendable over said strap and then beneath said transverse portion at that projecting edge thereof nearest the closure flap.

2,437,111
CABLE CLAMP
Edward E. McKeige, Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application December 6, 1944, Serial No. 566,925
8 Claims. (Cl. 24—115)

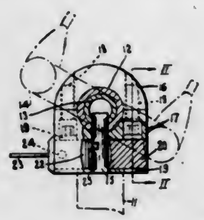
2. A cable clamp comprising a hollow body for receiving a cable extending longitudinally therethrough, the body being receivable in an aperture

of a support and having outwardly projecting ends, one of which is longitudinally slotted to form resilient portions, and operatively connected elements disposed upon the body and movable relative to each other to respectively engage the



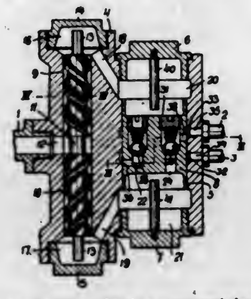
support and the slotted end to cause the resilient portions to clamp the cable and cause clamping of the support adjacent the aperture between the other outwardly projecting end and the adjacent element.

2,437,112
CYCLE OR LIKE LOCKING MECHANISM
Alfred Milwain, Coventry, England, assignor of two-thirds to Herbert Harold George Hitchcox and Annie Hitchcox, both of Coventry, England
Application November 29, 1946, Serial No. 713,147
In Great Britain June 16, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires June 16, 1963
5 Claims. (Cl. 70—185)



1. A locking means for a cycle or the like having a fixed steering head and, supported therein, the stem of a steerable front fork, the locking means comprising a casing having parts adapted to be clamped together so as to embrace the steering head, a key-actuated lock secured in the casing, the lock having a movable element to coact with a catch to hold the catch either in an operative position in which it is adapted to extend through a hole in the steering head into a hole in the stem of a front fork or in an inoperative position in which the catch will be free from engagement with the hole in the stem of the front fork, members for clamping the parts of the casing together housed in the interior of the casing, one of said members being normally covered by the lock, and a plug located in the casing by interengagement with the catch in all positions of the latter, the plug normally covering the other of said members to thereby prevent removal of the casing without disturbing the lock and the plug.

2,437,113
FLUID REGULATING DEVICE
Carl Oscar Josef Montelius, Stockholm, Sweden, assignor to Aktiebolaget Imo-Industri, Stockholm, Sweden, a corporation of Sweden
Application June 2, 1943, Serial No. 489,344
In Sweden May 20, 1942
1 Claim. (Cl. 137—166)



A fluid regulating device comprising two positively operating hydraulic motors mechanically connected to each other, a common fluid piping connected to one end of each of said motors, a cylinder, a piston movable in said cylinder, a conduit for connecting the other end of one of said motors with one side of said piston, a conduit for connecting the other end of the other one of said motors with the other side of said piston, two separate fluid pipings connected to said cylinder, the areas of connections of said pipings to the cylinder being controlled by said piston, four passages in said piston, one pair of said passages communicating with one of said conduits and one of said separate pipings, the other pair of said passages communicating with the other one of said conduits and the other one of said separate pipings, a non-return valve in each of said passages, the non-return valves in each pair of passages being arranged to permit flow of fluid in opposite directions, and said piston being arranged to be displaced in said cylinder in response to differences in pressure on opposite sides of the piston to vary the cross-sectional area for the flow of fluid between said motors and said separate pipings to increase throttling action upon flow through the motor having a lowered pressure occurring at its discharge, whereby to reestablish the normal proportion of flow through said separate pipings.

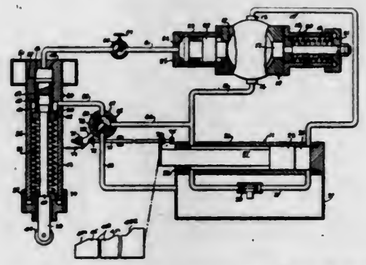
2,437,114
CONTAINER
George Arlington Moore, New York, N. Y., assignor to National Biscuit Company, New York, N. Y., a corporation of New Jersey
Application December 10, 1942, Serial No. 468,502
2 Claims. (Cl. 229—5.5)



1. A container having an open ended rectangular body formed from a single piece blank of fibrous material having transverse score lines to provide five panels, two of which overlap to form one side wall, a cover made of fibrous material having a rectangular base set in from an end

of the body and fitting against the four walls, four upturned flanges extending from the four sides of the base to the end of the body walls and in contact therewith, an outer flange joined to each of the four upturned flanges by an intermediate flared section and lying against the outside of the body walls, said intermediate flared sections contacting the edges of the body and the edges of adjoining flared sections abutting, all abutting edges and surfaces of said body and cover being coated, bound together and waterproofed by a heat sealed thermo plastic coating.

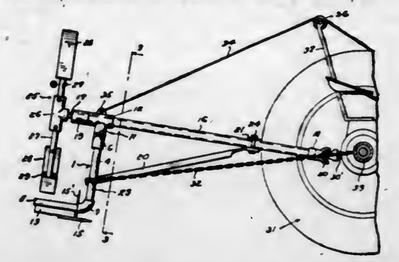
2,437,115
MECHANICALLY ACTUATED HYDRAULIC CONTROL SYSTEM FOR PUMP CONTROL
Johan A. Muller and Warren R. Tucker, Dayton, Ohio, assignors to H-P-M Development Corporation, Wilmington, Del., a corporation of Delaware
Application November 11, 1943, Serial No. 509,853
7 Claims. (Cl. 60—52)



7. In a fluid flow controlling apparatus, a source of fluid pressure, a reversible motor, hydraulic connections between said source and said motor including control means movable from a first position causing operation of said motor in one direction, through neutral, to a second position causing operation of said motor in a reverse direction, yielding means urging said control means into said first position, force transmitting means operable from a first to a second position to move said control means into said second position, means operated by said motor in one position, including energy storing means for urging said transmitting means into said second position, a pressure connection from said source operable to maintain said force transmitting means in said second position, and means operated by said motor in a second position to vent said connection and permit said yielding means to return said control means to first position.

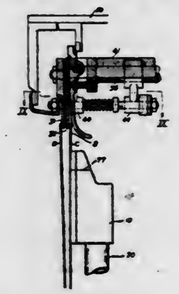
2,437,116
SNOW PLOW
Parnell H. Oppegaard, McIntosh, Minn.
Application June 24, 1946, Serial No. 679,015
6 Claims. (Cl. 37—43)

1. In a snow plow for attachment to a tractor having a rear power take-off shaft, a drag frame adapted to be pulled forwardly by the tractor, a scraper blade on said frame adapted to dig forwardly into snow in the path of travel of said frame and pick up the same, a platform member on said frame in the rear of said blade adapted to accumulate snow thereon picked up by said blade, and means to break up the snow on the platform member and scatter the same to one side of the path of travel of the frame including a rotary operating shaft having a rear end journalled on said frame against endwise movement forwardly thereof to exert a pull on said frame



and provided on the front end thereof with a universal coupling adapted to be connected to said take-off shaft.

2,437,117
BAG FEEDING MACHINE WITH BAG OPENING AND EXPANDING MEANS
Gustaf Örström, Alsten, Sweden, assignor to Arenco Aktiebolag, a Swedish joint-stock company
Application March 13, 1943, Serial No. 479,114
In Sweden March 20, 1942
1 Claim. (Cl. 226—59)



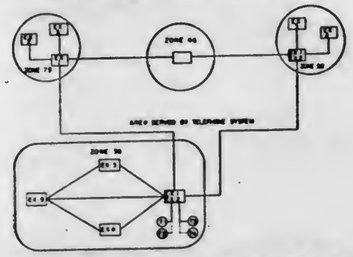
In a bag opening and suspending mechanism for machines for feeding and filling bags each having a notch in one side wall at the upper end thereof, a pair of clamp members, a pair of flat plates located between said clamp members, said clamp members being normally spaced from the respective adjacent plates, said plates having flat tongues narrow enough to pass through said notch of said bag wall and projecting beyond one of the juxtaposed clamp members and being located in a position corresponding to said notch of said bag wall, a suction head for holding a collapsed bag by its wall having said notch, means for moving said suction head transversely past said juxtaposed clamp member and both said plates to allow the bag wall having the notch to pass said plates by lateral movement and to cause the other bag wall to engage and be detained by one of said tongues to partially open the mouth of the bag, means for then shifting the direction of movement of said suction head to move longitudinally of and towards said plates and thereby to slide the bag thereon, means for then moving said clamp members towards said plates to clamp the bag walls thereto, and means for then moving said plates together with said clamp members apart to complete the opening of the bag.

2,437,118

AUTOMATIC TELEPHONE SYSTEM HAVING RATING INDEPENDENT OF ROUTING

John E. Ostline, Chicago, Ill., assignor to Automatic Electric Laboratories, Inc., a corporation of Delaware

Original application August 26, 1940, Serial No. 354,301. Divided and this application July 20, 1942, Serial No. 451,622
25 Claims. (Cl. 179—7.1)



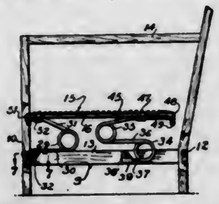
1. In a telephone system including a plurality of exchanges, switching apparatus for establishing connections between said exchanges, and register mechanism individually included in said exchanges; the register mechanism included in any given exchange comprising means for registering a code including either a first number of digits or a second number of digits, means for translating said registered code into an appropriate routing control corresponding to a predetermined route between said given exchange and the particular exchange designated by said registered code, means for governing said switching apparatus in accordance with said routing control, thereby to establish a connection between said given exchange and said particular exchange via said predetermined route, and means controlled in accordance with the code registered in said registering means and independent of said predetermined route translated by said translating means for establishing a rate factor applicable to said established connection.

2,437,119

SPRING SEAT CONSTRUCTION

Stanley Overby, Inglewood, and Charles S. Viall, Sr., Los Angeles, Calif.; said Viall assignor to said Overby

Application October 15, 1943, Serial No. 506,328
2 Claims. (Cl. 155—50)



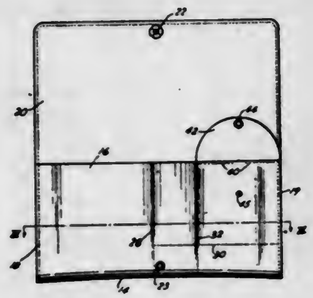
1. In a seat construction, a framework, a frame for supporting a seat, resilient means supporting the frame on the framework, said means including spring elements each of which comprises two vertically disposed and oppositely wound coils having a horizontally disposed leg connecting the coils in laterally offset relation to each other, the upper coil having an upwardly inclined terminal leg extending from the upper coil and provided with an angular extension, and the lower coil having a terminal leg projecting in a direction substantially opposite to that portion of the terminal leg that stems from the upper coil, the terminal leg of the lower coil being provided with an angular extension, means clamping the first-named terminal leg and its therewith angular extension to the frame, and a channeled bracket for clamping the second terminal leg and its therewith angular extension to the framework to prevent vertical and rotative movement of said leg, to functionally interpose both coils in the spring support of the seat-supporting frame.

2,437,120

COMPACT

Ruth F. Parker, Memphis, Tenn.

Application January 2, 1947, Serial No. 719,740
2 Claims. (Cl. 132—79)



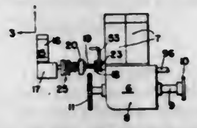
1. A compact, including a rectangular sheet as of leather, folded to establish a front, a back and a cover of an elongated holder, said front and back being stitched together along their end edges to complete said holder, said cover being adapted to overlie said back and means detachably securing the lower edge of said cover to said back; a pair of linings within said holder, both said linings being interposed at one end between said front and back and secured by one said end stitchings, a first of said linings being coextensive in length with said holder and being interposed between the opposite ends of said front and back and secured by the other said end stitching, the second said lining being interposed between said first lining and said back, both said linings being secured intermediate the length of said holder to said back by a vertically disposed line of stitching to establish between said first lining and said back a vertical pocket as for the reception of a package of cigarettes, and between said linings a pocket for a powder puff, the second said lining between the first said intermediate line of stitching and the first secured ends of said linings being secured to said back by a second intermediate vertically disposed line of stitching, effecting with said back a pocket for face powder, and a pocket as for a lip stick, said second lining being secured to said back along the lower edge of said lining to establish a bottom at least for said powder pocket, said second lining having therethrough a window for passage of powder from said powder pocket to a puff within said puff pocket, and a restraining screen as of fine mesh cloth secured over said window, said window being offset longitudinally of said holder with respect to the center of said puff pocket to effect delivery of powder to an edge portion only of said puff.

2,437,121

STARTING CONTROL MECHANISM FOR INTERNAL-COMBUSTION ENGINES

Harry E. Petersen, Waterloo, Iowa, assignor to Deere Manufacturing Co., a corporation of Iowa

Application November 19, 1945, Serial No. 629,614
12 Claims. (Cl. 123—179)



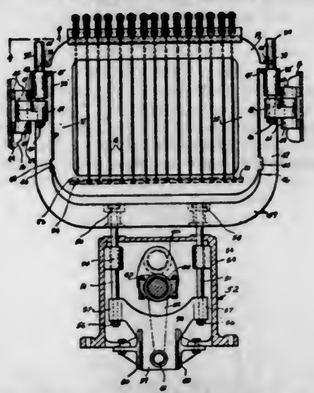
1. In starting mechanism for an internal combustion engine having a starting gear, the combination of a starting motor, a drive shaft, a clutch for disengageably connecting said starting motor with said drive shaft, a pinion mounted on said drive shaft to be driven thereby and shiftable axially thereon into and out of engagement with said starting gear, means for braking said pinion and drive shaft responsive to shifting said pinion away from said drive gear, and control elements connected with said clutch and said pinion, respectively, said elements having parts interengageable when said braking means is in braking position to prevent movement of said clutch control element into clutch engaging position, said parts being disengaged by moving said pinion control element to disengage said braking means.

2,437,122

KNIFE FRAME ATTACHING MEANS FOR MULTIPLE RECIPROCATING BLADE BREAD SLICING MACHINES

Charles H. Petskeyes, Davenport, Iowa, assignor to Gellman Manufacturing Company, Rock Island, Ill., a corporation of Illinois

Application June 9, 1945, Serial No. 598,457
1 Claim. (Cl. 146—153)



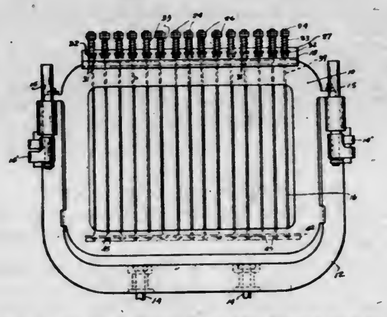
A bread slicing machine including a housing comprising a pair of saddles adapted to reciprocate in opposite directions with respect to each other, means for reciprocating said saddles in said opposite directions with respect to each other, frame members carried by said saddles and reciprocable therewith, slicing members carried by said frame members, means providing hinged connection between said frame members, to permit said frame members to have horizontal self-adjustment relative to each other to adjust themselves in position upon said saddles, said last-named means comprising arms arranged in pairs and pivotally connected together by vertically extending lugs fixed to the housing at each side of the saddles, posts extending upwardly from the other ends of the said arms, and bearing sleeves carried by the frames and slidable on the posts to provide a reciprocable connection between said posts and said frames.

2,437,123

BLADE MOUNTING MEANS FOR MULTIPLE BLADE BREAD SLICING MACHINES

Charles H. Petskeyes, Davenport, Iowa, assignor to Gellman Manufacturing Company, Rock Island, Ill., a corporation of Illinois

Application June 9, 1945, Serial No. 598,458
1 Claim. (Cl. 146—153)



Means for connecting corresponding upper end portions of a plurality of spaced knives to the upper rail of the frame of a slicing machine comprising a mounting bar fixed to the upper rail and having an inclined upwardly extending portion provided with a plurality of open slots spaced equally apart with respect to each other, a plurality of levers removably fulcrumed on said bar in said slots, and having corresponding end portions bifurcated and opposite end portions each provided with a notch adapted to removably receive the hanger pin carried by a slicing knife, spaced mounting studs carried by the mounting plate and projecting through the bifurcated portions of the levers to stabilize said levers, and spring means carried by the mounting studs and engageable with adjacent portions of said levers to pivot said levers upon said bar in a direction opposite to the pivotal movement of said levers by action of the slicing knives.

2,437,124

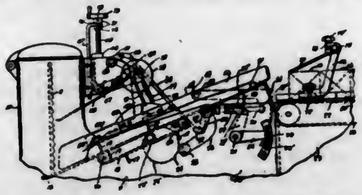
FEEDING DEVICE FOR MULTIPLE BLADE BREAD SLICING MACHINES

Charles H. Petskeyes, Davenport, Iowa, assignor to Gellman Manufacturing Company, Rock Island, Ill., a corporation of Illinois

Application June 9, 1945, Serial No. 598,460
1 Claim. (Cl. 146—158)

The combination with a bread slicing machine having a plurality of reciprocating slicing knives and an inclined chute upon which loaves of bread to be sliced are adapted to be moved toward the slicing knives, means providing a guideway for movement of said loaves of broad down the chute, and means for conveying loaves of bread to be sliced to the upper end portion of said chute, of means for successively transferring said loaves of bread from said conveying means to the upper end of the chute comprising a tiltable plate, means for intermittently tilting said plate, and

anti-tilting means including a single blocking plate located adjacent the upper end of the chute and above the same, and in the path of the loaves of bread transferred to said upper end of the chute by said transfer means, means for moving the blocking plate substantially in the plane of said plate into and out of the path of the loaves



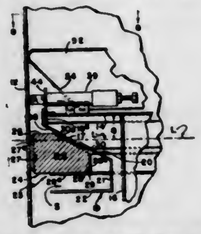
of bread, and means providing an operative connection between said blocking plate moving means and said plate tilting means whereby the anti-tilting means will be moved from the path of movement of the loaves of bread when the plate is moved to a position to receive a loaf of bread from the conveying means.

2,437,125

FLOATING ROOF FOR TANKS

Fred L. Plummer, Warren, Pa., assignor to Hammond Iron Works, Warren, Pa., a corporation of Pennsylvania

Application September 9, 1944, Serial No. 553,348
2 Claims. (Cl. 220—26)



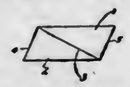
1. A circular storage tank for holding a body of liquid, provided with a pontoon-supported roof structure adapted to float on the liquid in the tank at substantially the liquid-level in the tank and vertically movable as that liquid-level fluctuates, an inverted conical skirt portion fixed to the roof and lying between the pontoons of the roof and the tank wall while extending from above the tank's liquid-level to below that level, spring pressed means for centering the roof in the tank, a freely floating sectionalized ring unconnected to either tank or roof and greater in width than the distance between the roof top and the tank wall so that the roof and ring are in overlapping relationship with the top of the ring being below the top of the roof whereby the ring has the sole function of sealing the space between tank wall and roof when there is liquid in the tank; said ring comprising buoyant sector blocks adapted to engage one another endwise to provide for substantially horizontal compensatory play therebetween, each block having an inner face complementary to the outer conical face of the skirt portion and having an outer face complementary to the wall of the tank, a representative specimen of said block being of a highly buoyant glass material deriving its buoyancy from innumerable shut-in minute air-bubbles constituting a rigidified foamlike mass which is non-absorbent, non-corroding, non-punctureable, chemically inert, and non-sinkable, as well as impervious to liquid and gas, such block being urged upwardly by vertical buoyant force of such magnitude as to insure lateral force components to exert a desired degree of self-sufficient sealing pressure with respect to said skirt portion and the tank wall respectively, and wearing strips on the blocks to engage slidably the respective complementary faces of the skirt and the tank wall.

2,437,126

CEMENTED OPTICAL ELEMENT HAVING LIGHT ABSORBING COATING

Joseph D. Reardon and Gustav E. Guellich, Buffalo, N. Y., assignors, by mesne assignments, to American Optical Company, Southbridge, Mass., a voluntary association

Application March 15, 1944, Serial No. 526,640
2 Claims. (Cl. 88—1)



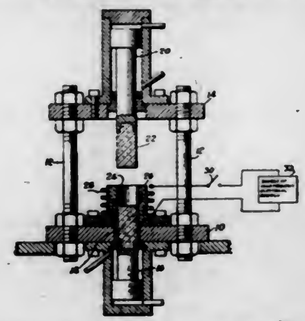
1. A cemented optical light refracting element comprising a plurality of independent component parts made of glass and having accurately formed light transmitting walls, certain of said walls being arranged in adjacent mating relationship and secured together by a transparent water-resistant cement formed of Canada balsam, other of said walls serving as light entrance and exit surfaces arranged so as to allow light rays to be transmitted along a predetermined path through said element, other external wall portions connecting said two surfaces, and a dull black opaque light absorbing coating upon said last-mentioned external wall portions of said cemented optical elements and the exposed edge portions of said cement, said coating comprising 5 to 15 per cent of lamp black in a vehicle of dewaxed shellac, said coating having been deposited from a solution containing aqueous ammonium hydroxide and no other solvent.

2,437,127

APPARATUS FOR POWDER METALLURGY

Lloyd D. Richardson, Dayton, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del., a corporation of Delaware

Application October 1, 1945, Serial No. 619,654
3 Claims. (Cl. 219—3)



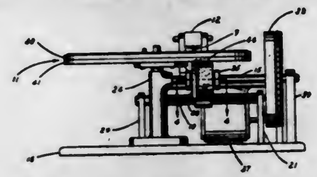
1. In an apparatus for forming workpieces from powdered metals; a substantially horizontal bed; a die of substantially electrically non-conductive material supported on said bed; an opposed pair of pressing members reciprocable in the cavity of said die and comprising at least end portions which are substantially electrically non-conductive; and an induction coil encircling the cavity of said die and adapted for being energized by a source of high frequency electrical energy; means for supporting one of said pressing members in spaced relation from said bed comprising strain rods, said bed having means for supporting said other pressing member, and means for reciprocating said pressing members comprising cylinders and pistons mounted on said strain rods and bed respectively.

2,437,128

VARIABLE-SPEED TRANSMISSION

William K. Rieber, Los Angeles, Calif.

Application May 28, 1945, Serial No. 596,393
7 Claims. (Cl. 74—194)



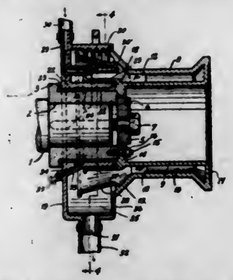
1. In phonographic apparatus of the class described and employing a record bearing turntable frictionally driven by the periphery of a drive wheel mounted in adjustable relationship to the said turntable, a magnetic means for maintaining frictional engagement pressure between said turntable and drive wheel, which means consists of the combination of: a turntable constructed of ferro-magnetic material; a drive wheel magnetized with one magnetic pole at the engaged periphery thereof; a non-rotating, ferro-magnetic pole piece mounted in fixed relationship with the axis of the drive wheel, but in adjustable relationship with the turntable, so that it moves with said drive wheel and forms a magnetic flux conducting path, which serves to lead a substantial portion of the flux to an area adjacent to the point of frictional engagement between the drive wheel and turntable.

2,437,129

ROTARY CATHEAD

John H. Schreiber, St. Louis, Mo.

Application January 22, 1945, Serial No. 573,953
1 Claim. (Cl. 254—150)



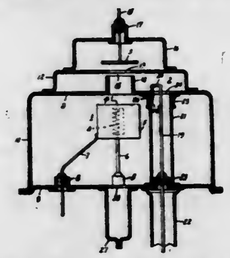
In a device of the class described, an adapter sleeve for a rotary shaft provided with an outer radial flange, a retainer member comprising an annular plate having a series of radial arms releasably attached to the end of said rotary shaft and said arms positioned to abut against the inner ends of said adapter sleeve, a stationary hub in which said adapter sleeve is mounted, a bearing member between said hub and said adapter sleeve and held against displacement by said outer radial flange on the adapter sleeve, a spool provided with an inner tubular extension fitted over said hub and having an internal flange abutting against the inner end of the adapter sleeve, and releasable means for connecting said spool with said adapter extending through said internal flange and into the adapter sleeve.

2,437,130

ULTRA HIGH FREQUENCY ELECTRIC DISCHARGE DEVICE

William J. Scott and Christopher J. Milner, Rugby, England, assignors to General Electric Company, a corporation of New York

Application October 6, 1944, Serial No. 557,451
In Great Britain July 3, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires July 5, 1963
3 Claims. (Cl. 250—27.5)



1. An electron discharge device of the velocity modulation type having a cavity resonator integral therewith and a header terminating one end of said device, said resonator including a wall having an opening therein, a concentric output transmission line extending through said header and coupled to said resonator through said opening, said line having an outer conductor extending into proximity with said opening and a centrally disposed inner conductor, said inner conductor extending into said resonator and having one end secured to said outer conductor whereby assembly of said device is facilitated, and means for preventing leakage of electro-magnetic fields between said outer conductor and said resonator comprising an annular flange surrounding said outer conductor and said opening in closely fitting relationship to said outer conductor and said wall.

2,437,131

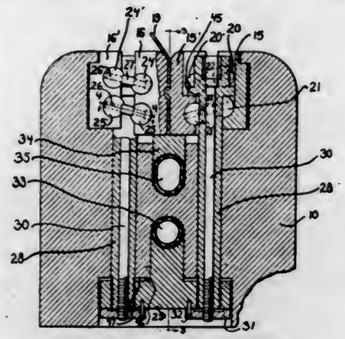
FLUID OPERABLE SHORT STROKE DEVICE

Victor S. Shaw, Mount Gilead, Ohio, assignor to H-P-M Development Corporation, a corporation of Delaware

Application February 20, 1943, Serial No. 476,653
11 Claims. (Cl. 24—249)

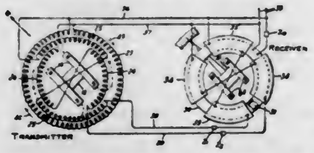
1. In a force-exerting device a bed having a wall, said wall having a first channel opening into one face of said wall, a second parallel channel opening into the opposite face of said wall, two plunger means each fitting a respective channel and forming chambers with the respective channels, a dilatable element in each chamber, pressure elements mounted on said bed for guided movement toward and from each other in intersecting paths away from said first channel, and positioned to be so moved in one direction

along their paths by the plunger in said first channel, whereby to press a work piece between said elements, and means on said bed, connected



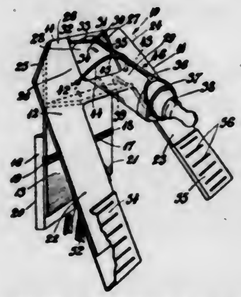
to be operated by said second plunger to engage and move said elements in the opposite direction along their paths as said element in said second channel is dilated.

2,437,132
REMOTE INDICATING COMPASS
Allen T. Sinks, Beach Bluff, Mass., assignor to General Electric Company, a corporation of New York
Application November 17, 1943, Serial No. 510,614
4 Claims. (Cl. 177—351)



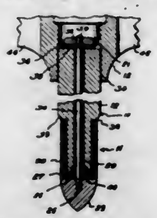
3. A telemetering system comprising a transmitter unit and a receiver unit, each unit comprising a stator member and a rotor member, each stator member comprising a ring core of saturable magnetic material carrying winding means thereon provided with polyphase second-harmonic connections and single phase excitation connections and each rotor member comprising a rotatable, poled permanent magnet, circuit means for connecting the single phase connections of the transmitter and receiver stator winding means to a common source of periodically varying current, circuit means interconnecting the polyphase connections of the transmitter and receiver stator winding means to permit flow of induced, second-harmonic currents between the transmitter and receiver units, a first phase-shifting impedance means electrically connected in the excitation circuit of one of said units to shift the relative phase angle of the transmitter and receiver excitation currents, and a second impedance means electrically connected in the circuit including said polyphase connections to shift phase angle of second harmonic currents flowing between transmitter and receiver units, said first and second impedance means being dimensioned so that the resulting phase shift causes the maximum and minimum values of the transmitter generated second-harmonic currents flowing in the receiver approximately to correspond in time phase with the minimum and maximum values of permeability in receiver core permeability variation cycle and the maximum and minimum values of receiver generated second-harmonic currents flowing the transmitter to be displaced approximately 90 electrical degrees in time phase from the maximum and minimum values of permeability in the transmitter core permeability variation cycle whereby rotation of the transmitter magnet is effective in producing in the receiver a torque tending to rotate the receiver magnet in angular correspondence with the transmitter magnet but rotation of the receiver magnet produces no feedback torque in the transmitter tending to rotate the transmitter magnet.

2,437,133
BABY FEEDER
Walter M. Sirks, Columbus, Ohio
Application November 1, 1945, Serial No. 626,079
6 Claims. (Cl. 248—105)



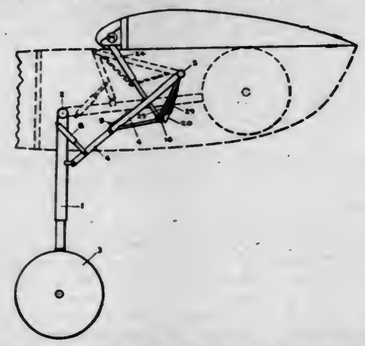
6. A baby feeder comprising an easel having a pocket formed in its upper end, means for holding a bottle seated therein, said means consisting of a harness attached to the easel and fitted upon the bottle in a manner to give the bottle universal movement, means for adjusting the angular position of the easel, means for adjustment of the height of the bottle, and said harness being elastic.

2,437,134
ELECTRODE ASSEMBLY FOR MOISTURE METERS
August L. Smith, Harrison, N. Y.
Application December 8, 1943, Serial No. 513,451
1 Claim. (Cl. 175—183)



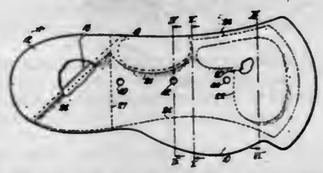
An electrode assembly for use in measuring soil moisture which comprises a tubular composite shaft, a pointed metal electrode mounted at the lower end of said shaft, a metal tube extending substantially the length of said shaft insulated from said electrode and having a constricted portion just above said electrode, an insulating sleeve mounted outside said constricted portion having a diameter corresponding to the diameter of said electrode and a surface merging at its lower end into the surface of said electrode, a metal section forming part of said tube just above said insulating sleeve, having a diameter larger than that of said sleeve and said pointed electrode and having a surface which at its lower end tapers and merges into the surface of said sleeve, said tapered portion of said tube serving as a second electrode.

2,437,135
AIRPLANE LANDING GEAR AND EMERGENCY RELEASE MECHANISM THEREFOR
Gordon R. Steinhoff, Santa Monica, Calif., and James W. Blair, Tulsa, Okla., assignors to Boeing Airplane Company, Wichita, Kans., a corporation of Delaware
Application November 5, 1943, Serial No. 509,050
18 Claims. (Cl. 244—102)



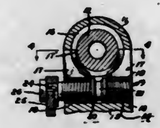
1. In a retractable landing gear, a landing gear member movable between retracted and landing positions, retracting means, means normally connecting said retracting means to said member to move it positively in both directions between retracted and landing positions, and releasable at will to disconnect said retracting means from said member for movement from retracted position into landing position independently of said retracting means, a reaction member and spring means engaged with and reacting between said reaction member and said landing gear member, stressed by initial downward movement thereof toward landing position after it is disconnected from said retracting means, and operable by relief of stress therein by reactive displacement of said spring during the terminal portion of the movement of said member toward landing position to assist completion of such movement.

2,437,136
FOOT LEVELER
Clarence H. Stemmons, Kansas City, Mo.
Application April 30, 1945, Serial No. 591,203
2 Claims. (Cl. 36—71)



1. An appliance of the character described comprising a number of pieces of superimposed sheet material formed to fit in a shoe beneath the foot of the wearer; and a heel pad, a cuboid pad and a metatarsal pillow, all formed from flexible material and all disposed between certain of the said pieces of sheet material, said heel pad being relatively thick at its outer edges and terminating at a thin edge extending diagonally across the appliance, said cuboid pad having a convex upper surface and extending from the heel pad adjacent one end of said thin edge thereof, said pillow being L-shaped and having one leg thereof beneath the second, third and fourth metatarsal heads, and the other leg thereof beneath the fourth metatarsal bone of the foot of the wearer, the free end of said other leg of the pillow extending from the cuboid pad in opposed relation to said heel pad.

2,437,137
GUN-BARREL LOCK
Carl G. Swebilius, Hamden, Conn.
Application August 31, 1945, Serial No. 613,868
1 Claim. (Cl. 42—75)

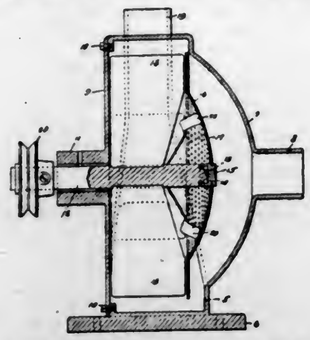


In a firearm, the combination of a receiver having an opening extending longitudinally of the same and a bore at right angles thereto, a barrel slidably received within said receiver opening and having within said opening a circumscribing groove, slots extending from the ends of said bore into said receiver opening, screw means rotatably mounted in said bore, clamp jaws slidable in said slots and threaded on said screw means whereby rotation of the same will move said jaws in opposite directions in said slots relative to said barrel circumscribing groove, said jaws having curved locking portions eccentric to the receiver opening axis whereby said portions engage said groove in the barrel to lock the same, means in said receiver and intermediate the ends of said screw means rotatably holding the same against movement axially of said bore, crank means secured to said screw means for rotating the same, and means releasably locking said crank means against rotation relative to said receiver.

2,437,138
PNEUMATIC GRAIN LOADER
Frank H. Theis, Hutchinson, Kans.
Application December 10, 1945, Serial No. 633,942
4 Claims. (Cl. 302—37)

1. A pneumatic grain loader comprising a drum-like housing having an inlet opening formed centrally thereof and having a tangentially formed outlet opening, a horizontal shaft extending into the housing, fan blades mounted on the shaft and adapted to create a suction through the housing, a screening member of a diameter to extend beyond the outer ends of the fan blades mounted on the forward end of the shaft, blades on the screening member against which air strikes on entering the housing, rotating the screening member independently of the shaft, said screening member separating the fan from the front wall and intake opening of the housing and adapted to obstruct the passage of

solids passing into the housing with air, whereby the solids fall to the bottom of the housing and



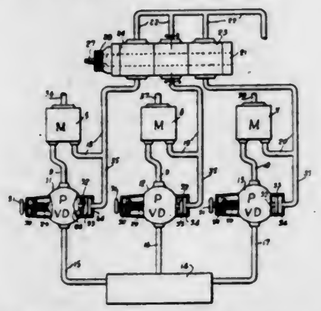
are directed through the outlet opening by the blast of air produced by the fan.

2,437,139

HYDRAULIC SPEED CONTROL APPARATUS

Warren R. Tucker, Dayton, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del., a corporation of Delaware

Application February 23, 1944, Serial No. 523,505
9 Claims. (Cl. 60—97)



9. In a system for selecting and controlling the speeds of a plurality of fluid operable motors; a fluid pressure responsive control means associated with each of said motors; a flow responsive means serially connected with each of said motors and operable to create a pressure difference between its inlet and its outlet in proportion to the rate of fluid flow therethrough; means conveying the pressure difference generated by each of said flow responsive means to the control means associated with the same motor; means for adjusting each of said control means independently of the others and means selectively operable for adjusting all of said flow responsive means simultaneously and equally.

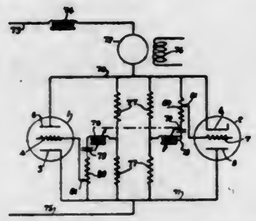
2,437,140

ELECTRONIC MOTOR CONTROL CIRCUITS

George A. Waldie, Edison, Ohio, assignor to H-P-M Development Corporation, a corporation of Delaware

Application October 20, 1943, Serial No. 506,983
1 Claim. (Cl. 318—257)

In combination in an electrical control circuit for varying the rate and direction of rotation of a direct current motor, a field winding, a direct current source for exciting said field winding, and an armature associated with said field winding, the combination of a first and second triode each having a cathode, an anode, and a grid, an alternating current supply including first and second leads, means connecting one side of said armature to said first lead and the other side of said armature to the anode of said first triode and the cathode of said second triode, means connecting said second lead to the cathode of said first triode and the anode of said second triode, two pairs of serially connected fixed resistors connected in parallel across said leads, a first variable resistor



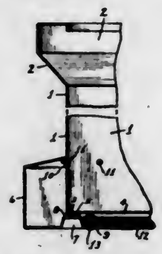
having one end connected to said first lead and its other end connected through a condenser and a first variable reactor to an intermediate point between the resistors of one pair of said fixed resistors, an adjustable tap on said first variable resistor connected to the grid of said second triode, a second variable resistor having one end connected to said second lead and its other end connected through a condenser and a second variable reactor to an intermediate point between the resistors of the other pair of fixed resistors, an adjustable tap on said second variable resistor connected to the grid of said first triode, and means for simultaneously differentially actuating said variable reactors.

2,437,141

CASKET CONSTRUCTION

Walter E. Wallace, Richmond, Ind., assignor to Bell and Wallace Manufacturing Corporation, Richmond, Ind., a corporation of Indiana

Application January 5, 1945, Serial No. 571,709
3 Claims. (Cl. 27—2)



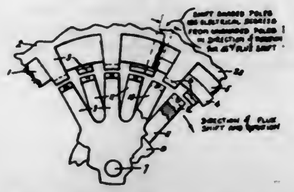
2. In a casket construction with side and end members having their lower edges interlocked with the outer peripherial edges of the bottom member, a moulding assembly removably secured through the lower portions of the side and end members, a channel formed continuously in the under side of the moulding assembly and adapted to support the interlocked lower edges of the side and end members.

2,437,142

SHADED-POLE SYNCHRONOUS MOTOR

Alfred F. Welch, Fort Wayne, Ind., and John R. Enochs, Framingham, Mass., assignors to General Electric Company, a corporation of New York

Application June 11, 1946, Serial No. 675,864
11 Claims. (Cl. 172—275)



1. An alternating current synchronous motor comprising cooperating stator and rotor members, the stator having a magnetic core structure presenting a plurality of spaced salient pole pieces to the rotor and alternating current exciting winding means for producing alternating fluxes of alternating polarity in said pole pieces, and means for causing the flux in half of the pole pieces to differ in time phase with respect to the flux in the remaining stator pole pieces in an amount between 35 to 45 degrees, the pole pieces in which the flux is thus shifted having positions equivalent to between 120 and 150 electrical degrees displacement from the remaining pole pieces of the same polarity measured in the direction of flux shift, the rotor comprising a magnetic structure presenting salient poles to the stator salient poles even in number and spaced according to the stator pole piece spacing, and having permanent magnet means for polarizing the rotor pole pieces at alternate polarity.

7. A rotor structure for synchronous motors comprising a cylindrical permanent magnet having its axis coincident with the axis of rotation of the rotor and polarized along said axis, a pair of magnetic disk members extending radially from each end of said magnet, said disk members having radial slits therein so as to divide their peripheries into polar salient sections, the polar salient sections of one disk from each end of the magnet being bent into a circular formation of evenly spaced pole pieces of opposite magnetic polarity at one end of the rotor and the polar salient sections of the remaining disk from each end of the rotor being bent into another circular formation of evenly spaced pole pieces of opposite magnetic polarity at the other end of the rotor, the sections of opposite magnetic polarity which are thus required to pass each other in arriving at such formation interleaving with each other with sufficient clearance as to avoid any substantial shunting of the permanent magnet.

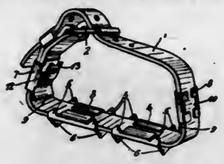
2,437,143

NONSKID DEVICE FOR SHOES

Bror With, Skoyen, near Oslo, Norway

Application April 5, 1946, Serial No. 659,903
2 Claims. (Cl. 36—62)

1. An improved nonskid device for shoes, comprising a strap adapted to be tightened around a shoe, sliding nonskid members on the said strap and provided with prongs, adapted to engage the underside of the sole of the shoe, and other prongs adapted to act against the ground, a pair of slides on the said strap being formed as gripping jaws and adapted to engage with the upper edge of the sole of the shoe and to act as lever arms for tightening the said strap, and means for adjustably locking the last mentioned gripping jaw slides to the said strap, said means consisting in a pressing member, adapted to engage the said strap at any point desired and being formed as an angularly shaped member pivoted in the said



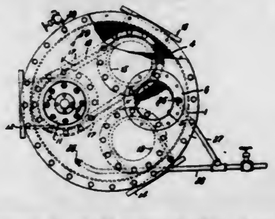
slide with a short arm on the inside of the said slide and a longer arm extending out of the said slide through a transverse slot in the same, said slide opposite to said slot being provided with an aperture, adapted to allow the said strap to bulge out when the said pressing member is operated.

2,437,144

FLUID COOLED FOUR-WAY VALVE

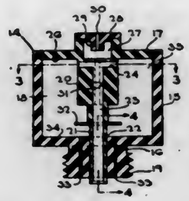
Frank M. Wolf, Madison, Wis., assignor to Wisconsin Alumni Research Foundation, Madison, Wis., a corporation of Wisconsin

Application August 21, 1944, Serial No. 550,468
1 Claim. (Cl. 251—87)



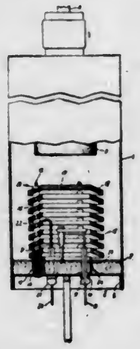
The reversing valve mechanism comprising, in combination, a pressure chamber, defined by a housing provided with an inlet port, and a cooperating substantially horizontal plane surfaced valve seat member provided with three ports opening from below, one of said valve seat ports being an exhaust port equidistant from the other two valve seat ports; within said chamber and spaced from said housing a substantially horizontally oscillatable valve member supported upon said valve seat and pivotally connected adjacent one end thereof to a part of said pressure chamber to provide in co-operation with said valve seat a passageway which is in permanent communication with said exhaust port and which is adapted to be in communication with either one of the two remaining valve seat ports; and means for oscillating said valve member about its pivot and in contact with said valve seat to bring said valve member into communication with first one and then the other of the two remaining valve seat ports and thereby to couple first one and then the other of the latter with said exhaust port, additionally characterized in that the under-surface of the valve seat member is webbed by projecting annular portions of said member about said ports and about the periphery of the member, in that there is attached to said projecting annular portions a plate member cooperating with said valve seat member and its projecting annular portions to define a closed space, and in that there are provided means for circulating a fluid coolant through said closed space.

2,437,145
NONSPILL VENT FOR STORAGE BATTERIES
Joseph Lester Woodbridge, Philadelphia, Pa., assignor to The Electric Storage Battery Company, a corporation of New Jersey
Application September 14, 1943, Serial No. 502,300
13 Claims. (Cl. 136—177)



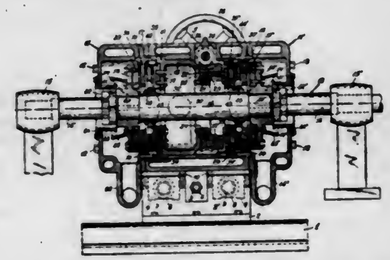
1. In a venting structure for a storage battery cell adapted to limit the escape of electrolyte when the cell is inverted by establishing a partial vacuum in the cell said structure including a vent passage from the cell terminating in and near the top of a chamber for trapping escaped electrolyte and a drain passage from the chamber into the cell, the combination of means for preventing the entrance of air into the cell when inverted comprising means for establishing a liquid seal by the escaped electrolyte at the exit terminus of the vent passage and the establishment of liquid surface tension in the drain passage.

2,437,146
ELECTRICAL DISCHARGE DEVICE EMPLOYING A POOL-TYPE CATHODE
Howard E. Zuvers, Scotia, N. Y., assignor to General Electric Company, a corporation of New York
Application November 20, 1946, Serial No. 711,144
6 Claims. (Cl. 250—27.5)



1. An electric discharge device including an envelope, a pool-type cathode retained within said envelope, an anode supported within said envelope in insulated relation with respect to said cathode, means for forming a cathode spot on the surface of said cathode, and a baffle structure surrounding said last-mentioned means and comprising a plurality of generally annular members each having a frusto-conical surface, said members being supported in a stack in such mutually spaced relation that the projections of said members on a plane extending longitudinally of the stack are overlapping and a member presenting a substantially continuous transverse surface supported between said stack and said anode.

2,437,147
COLLOIDAL MILLS OF THE MULTIPLE GRINDING UNIT TYPE
Ellsworth B. A. Zwoyer, Perth Amboy, N. J., assignor to Fuel Research Corporation, New York, N. Y., a corporation of Delaware
Application May 12, 1944, Serial No. 535,237
8 Claims. (Cl. 241—146)

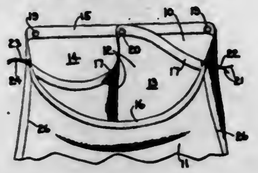


1. A colloidal disc grinding mill for material fed thereto under pressure comprising a shell, a rotatable shaft extending through said shell, means supporting said shell to enable movement thereof in the direction of the central axis of said shaft, a pair of spaced groups of cooperating grinding elements contained in said shell, the grinding elements of each group including a rotor mounted on said shaft and a stator supported by said shell, means intermediate said groups for feeding the material under pressure to both of said groups, the grinding elements in said groups being constructed and arranged with relation to said shaft and shell to shift the latter relative to each other when the pressures between the elements of each group become unbalanced to a relative position where such pressures will be balanced between the elements of both groups.

2,437,148
PREPARATION OF FLUORINE HYDROCARBON COMPOUNDS
Arthur Livingston Barney, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 11, 1944, Serial No. 517,837
4 Claims. (Cl. 260—653)

1. A process for synthesizing a vinyl fluoride which comprises subjecting in the vapor phase and at temperatures ranging from 20° C. to 150° C., an acetylenic hydrocarbon in admixture with hydrogen fluoride to contact with a catalytic composition consisting of mercury oxide at least partially combined chemically with an oxide of nitrogen supported on a water-insoluble alkaline earth metal salt as a carrier, which salt is substantially unreactive with said hydrogen fluoride and with said mercury compound and is selected from the group consisting of a fluoride, sulfate and phosphate, said catalytic composition having been obtained by roasting a mixture of a thermally-decomposable mercury compound with said alkaline earth metal salt, at temperatures from about 95° C.–400° C. and until the moisture content of the reaction mass is below about 2%.

2,437,149
COMPARTMENTED LAUNDRY BAG PROVIDED WITH IDENTIFYING LEGENDS
Howard F. Baxter, Grand Rapids, Mich.
Application September 28, 1945, Serial No. 619,137
2 Claims. (Cl. 150—1)

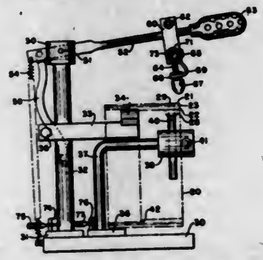


1. A laundry bag having a rear fabric panel, a front fabric panel and an intermediate panel all secured together at their bottom and side edges to form a pair of spaced compartments each having an open top, centrally located means along the top edge of the rear panel for supporting the rear panel, outwardly spaced means along the upper edge of the rear panel located a substantial distance from the side edges of the rear panel for supporting the rear panel, means offset lengthwise of the center of the intermediate panel for hanging the intermediate panel offset from the central means for hanging the rear panel and adapted to be supported therewith.

2,437,150
COMPRESSED CEREAL
Isadore A. Berg, Cincinnati, Ohio
No Drawing. Application September 16, 1944, Serial No. 554,543
8 Claims. (Cl. 99—83)

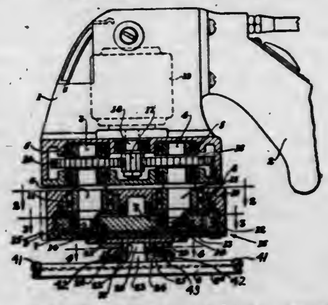
1. A method of producing a unitary self-sustaining compressed cereal food which is both sufficiently firm to withstand handling and packing and sufficiently friable to be crumbled in preparation for use, the said method comprising adding to said cereal composition prior to compression thereof a small quantity of a material selected from the group consisting of glycerine, and propylene glycol as a binder to hold the particles of cereal together following compression, and then compressing said mass.

2,437,151
ELECTRIC SOLDERING APPARATUS
Henry J. Braner, Dayton, Ohio, assignor to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland
Application June 14, 1945, Serial No. 599,457
1 Claim. (Cl. 219—12)



In an apparatus for supporting electrically conductive work to be soldered, the combination of a base constructed of electrically non-conducting material; a first electrically conductive member supported on said base, said member having one terminal of a source of electrical energy connected thereto; an electrically conductive head on said member; an electrically conductive rod to support said work and movably mounted in said head to accommodate work of varying size and character; means for clamping the rod in any selected position; a second electrically conductive member mounted on said base, said second member having a terminal of a source of electrical energy connected thereto; an electrically conductive pivoted means supported on said second member; a flexible conductor connected between the second member and one end of the pivoted means; an electrical conductive bracket adjustably mounted adjacent the free end of the pivoted member; an electrode carried by the bracket; means to clamp the bracket to the pivoted means in any selected position corresponding to the position in which to normally maintain the pivoted means in a posi- said rod is positioned in said head; resilient means tion in which the electrode is disengaged from the work thereby holding the electrical circuit through said electrically conducting elements open; an electrically non-conducting support for the work adjustably mounted on said first member to accommodate work of varying sizes and character; and a handle on the free end of the pivoted means to enable the operator to lower the electrode into contact with the work on the rod to thereby close said circuit through the work and cause the work to be heated to a soldering temperature.

2,437,152
SANDING OR RUBBING MACHINE
Arthur C. Burleigh, Wellesley, Mass.
Application May 2, 1945, Serial No. 591,457
4 Claims. (Cl. 51—170)



1. A portable sanding machine comprising a supporting head, a pair of drive shafts mounted therein, each drive shaft having two crank portions situated 180° apart, a pad-carrying element mounted on one crank portion of each drive shaft, a sanding pad element secured to the pad-carrying element, a counterweight mounted on the other two crank portions of said drive shafts, and means to rotate said shafts, whereby both the pad-carrying element and the counterweight are given gyratory motions which are 180° out of phase with each other.

2,437,153
ELECTRIC FUSE LIGHTER
Alvin M. Cohan, Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del., a corporation of Delaware
Application May 13, 1943, Serial No. 486,895
8 Claims. (Cl. 102—28)

7. An igniting unit for safety fuse intended to be discarded after use and comprising a paper

tube, an electric match and a body of sealing material sealing said match rigidly within said tube, said match comprising a head of deflagrating material adapted when ignited to deliver a burst of very hot flame, one end portion of said tube being dimensioned to snugly embrace the end portion of a fuse to be spitted, said match head being located far enough away from said end portion of



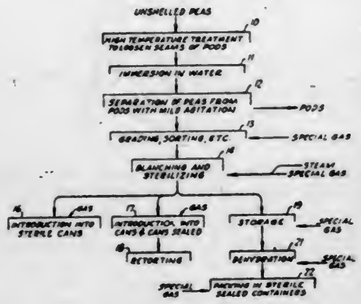
the tube to permit the end portion of the fuse to enter the tube and be supported by the tube along a portion of the length of the fuse, said match further comprising a pair of spaced metallic contact strips and an interposed body of insulating material all clipped rigidly together to form a stiff structure projecting beyond that end of the tube remote from the fuse receiving end.

2,437,154
VERTICALLY PIVOTED AUTOMOBILE SIDE-WINDOW LAMINATED MIRROR
Luke M. Dohanian, Somerville, Mass.
Application September 21, 1946, Serial No. 698,507
1 Claim. (Cl. 88—93)



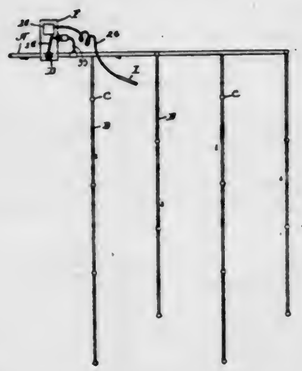
A vertically pivoted, automobile side-window structure which at least at the vertical free-edge rear portion of the window consists of two thicknesses of glass face-to-face and having a reflecting, relatively narrow coating applied to both of the meeting glass surfaces, but only at and throughout the said free, vertical, rear-edge portion of the said window, thereby leaving all the remainder of the window area devoid of such coating, one of said thicknesses of glass being of the full area of the said window and the other thickness of glass being of the full height of the first thickness of glass and of at least a width to provide, with said relatively narrow coating, a mirror of the full height of the said window but only of a width to provide a reflecting surface at a substantial portion of the window area along said rear-edge portion thereof by which, when the window is turned with its free rear edge outward, traffic approaching from the rear at the side of the automobile at which said window is located, can be observed, the said window construction providing a mirror at both the inner and the outer surfaces of the said window, but only at the said rear edge portion thereof, throughout the entire height of said window, whereby, when the said window is closed upon its said vertical pivot and the automobile is stationary, a person standing at the outside of the automobile may use the said mirror for self-inspection, and whereby, when the automobile is occupied and in motion and the said window is swung upon its said vertical pivot, so that its said free rear edge projects outward, the person seated next said window so swung upon its vertical pivot may accurately observe by said mirror a car approaching from the rear at that side of the automobile.

2,437,155
PROCESS FOR THE TREATMENT OF GREEN PEAS
Melville E. Dunkley, Modesto, Calif.
Application February 5, 1944, Serial No. 521,209
1 Claim. (Cl. 146—229)



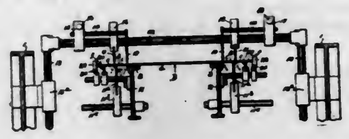
In a process for the treatment of green peas, the steps of momentarily subjecting the unshelled pea pods to a relatively high temperature of the order of 2000° F., for a relatively short period of time such as a period of the order of from two to four seconds, thereafter chilling the pods by contact with gater, gently agitating the pods while immersed in the water to remove the peas from the pods, and then removing peas from the pods by screening.

2,437,156
METHOD AND APPARATUS FOR COOLING BY EVAPORATION
Albion N. Frick, Los Angeles, Calif., assignor to Frederick G. Bradbury, Los Angeles, Calif.
Application July 11, 1942, Serial No. 450,625
3 Claims. (Cl. 62—6)



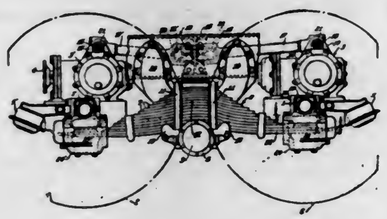
1. The method of cooling a surface by evaporation of a spray of cooling liquid which consists of spraying a thermostatically controlled flow of liquid upon such surface until the temperature influencing the thermostat drops a predetermined amount lower than the opening point, and of successively checking and releasing the spray of liquid in the meantime to cause successive flashes of evaporation of the liquid sprayed upon the surface independently of said thermostatic control

2,437,157
MACHINE FOR SETTING UP BOX BLANKS
Horace W. Gregoire, Boston, Mass., assignor to Oskar W. Wikstrom, Newton, Mass.
Original application June 5, 1942, Serial No. 445,887. Divided and this application November 2, 1944, Serial No. 561,577
5 Claims. (Cl. 93—49)



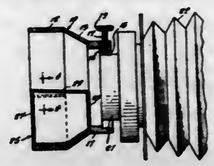
1. In a paper-box machine for setting up blanks having at one or more walls a plurality of flaps with aligned or parallel fold lines and of which flaps one at least partly encloses another, means to convey the blanks in a given path along the machine, a blank breaking or flexing station disposed in said path, said conveying means presenting the blanks successively in temporarily halted position at said station, and a vertically reciprocable breaker assembly at said breaking station, said assembly including breaker means adapted to flex one of the plurality of enclosingly related flaps supporting means at one side of the breaker means to hold in the plane of the blank the flap next inwardly adjacent the flap to be flexed, and means at the other side of the breaker means for simultaneously there retaining in the plane of the blank a flap of the enclosingly related plurality thereof so as to separate said last mentioned flaps along their non-folding edge portions.

2,437,158
YIELDABLE BOGIE SPRING MOUNTING
John W. Heiney, Allentown, Pa., assignor to Mack Manufacturing Corporation, New York, N. Y., a corporation of Delaware
Application February 7, 1944, Serial No. 521,320
9 Claims. (Cl. 267—30)



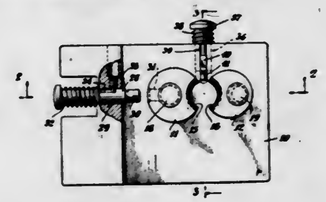
1. A spring cushioning unit including a spring leaf, a hollow casing having an open portion receiving an end portion of said spring leaf, resilient cushioning means including oppositely spaced resilient block members mounted in said casing and receiving said end portion therebetween and connected to said casing, one of said block members being secured to said end portion, stop means within said casing located exteriorly of said block members, and stop means pivotally secured to said end portion and located exteriorly of said first-mentioned stop means, for limiting retraction of said leaf spring end portion from said casing.

2,437,159
COMBINED SUNSHADE AND REFLECTOR FOR CAMERAS
Edward J. Herbert, Scarsdale, N. Y.
Application August 8, 1945, Serial No. 609,538
1 Claim. (Cl. 95—18)



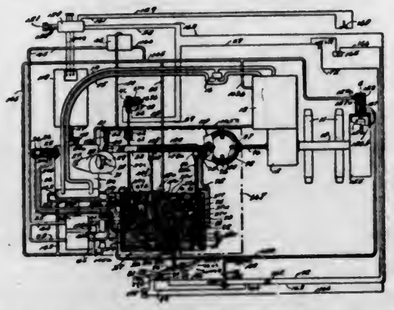
A combined sunshade and reflection producing device for attachment to the lens barrel of a camera or the like, and comprising a generally cylindrical housing provided with a rear section, a forward section of greater diameter and an intermediate tapered section, the inner surface of the rear section having a plurality of spaced, arcuate recesses, the rear section having threaded apertures terminating in such recesses, headed screws mounted within such apertures, and arcuate fingers rotatably mounted at the inner ends of such screws, whereby the housing may be secured to lens barrels of varying diameters, and a second member which is receivable in the forward section and provided with a mirrored upper wall disposed substantially midway between the upper and lower ends of the housing and being downwardly inclined towards the rear of such wall, such member being further provided with front and rear vertical walls and arcuate side walls, the side walls and the inner surface of the forward section of the housing being provided with cooperating splines and recesses receiving such splines.

2,437,160
PIVOTED JAW GAGE
Paul W. Johnson, Hartford, Conn.
Application June 15, 1943, Serial No. 490,835
18 Claims. (Cl. 33—174)



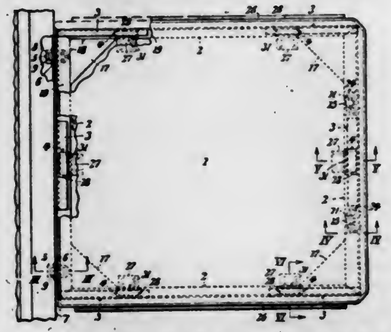
7. A gage comprising a frame, a gage member having gaging means which test a part at a plurality of points around the circumference thereof, a second gage member cooperating with the first gage member, means pivotally supporting the first gage member at a point spaced from the axis of gaging position and located so that this axis lies between the second gage member and the pivotal supporting means of the other gage member with the gaging means facing substantially radially outwardly from its pivotal supporting means and so that at least one gage member pivots away from the other to open the same for insertion of a part to be gaged and pivots in the other direction into gaging position upon a circular path radially spaced from the other gaging member, and means to arrest a pivoted gage member in gaging position.

2,437,161
HYDRAULIC HOIST SYSTEM
Garold A. Kane, Minneapolis, Minn., assignor to The Northern Pump Company, Minneapolis, Minn., a corporation of Minnesota
Application March 21, 1940, Serial No. 325,210
14 Claims. (Cl. 60—53)



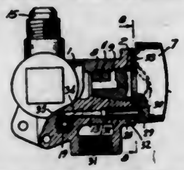
9. A hydraulic system for operating a hoist having in combination, a hydraulic power unit for moving said hoist, a variable stroke pump for driving said unit, means for changing the stroke of said pump for controlling the rate of movement of said hoist, a cam moved in accordance with the change in stroke of said pump for controlling the acceleration of said hoist and means driven in direct ratio with said unit and coacting with said cam after said hoist is in motion for controlling the deceleration of said hoist.

2,437,162
TABLE FOR VEHICLES
William M. Keller, Merion, Pa., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa., a corporation of Pennsylvania
Application March 9, 1946, Serial No. 653,246
2 Claims. (Cl. 311—18)



1. A table for vehicles comprising a skeleton rectangular frame composed of angle bars having inwardly projecting flanges, and having means at one side for attachment to a wall of the vehicle, and means at the opposite side for supporting the frame in elevated position above the floor of the vehicle, a table top resiliently mounted within the open area defined by said angle bars and having brackets suspended from the table top and forming with the bottom surface thereof channels opening outwardly to accommodate said inwardly projecting flanges of the frame, and cushioning elements of sponge rubber or like material interposed between and secured to the flanges of the frame, the table top and the brackets therebeneath, said frame being otherwise wholly isolated from the table top.

2,437,163
GAS VALVE SAFETY SHUTOFF
Ernst R. Koppel, Chicago, Ill., assignor to A. O. Smith Corporation, Milwaukee, Wis., a corporation of New York
Application June 2, 1945, Serial No. 597,263
4 Claims. (Cl. 158—117.1)



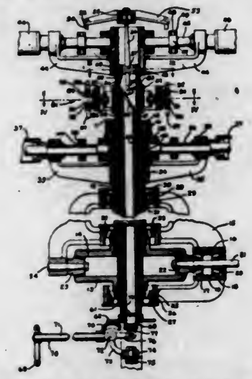
1. In a safety control for gas heaters having a main burner, a pilot burner, and a safety shut off valve operated thermostatically in response to a flame from said pilot burner to open position for supplying gas to the pilot burner and the main burner, the combination of a manually operable pilot valve to supply gas to the pilot burner when said safety shut off valve is closed, a main shut off valve having a handle to move the same between "closed," "start" and "open" positions to supply gas to said pilot valve when in start position, and a plunger connected by a cam to said handle at one end and extending into a groove in said pilot valve at the other end, said plunger being removed from said groove by said cam when the main shut valve is turned by said handle to "start" position to provide for operation of said pilot valve and disposed in said groove when the main shut off valve is turned by said handle to "closed" and to "open" positions to prevent operation of said pilot valve.

2,437,164
PROCESSING OF TITANIUM ORES
Edward N. Kramer, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application December 8, 1944, Serial No. 567,327
4 Claims. (Cl. 23—117)

4. A process for improving the grinding and air classification of beach sand Indian ilmenite preparatory to its acid attack to form soluble titanium compounds therefrom, which comprises mixing on the ilmenite basis about .02% to .2% of naphthenic acid with said ilmenite while the latter is being fed to a dry grinding mill equipped with an air separator, effecting the comminution and air separation of said ilmenite in the presence of said naphthenic acid consisting of naphthenic acids derived from petroleum oils, and thereafter reacting the comminuted naphthenic acid-containing ilmenite with sulfuric acid to convert said ilmenite to water-soluble titanium and iron sulfates.

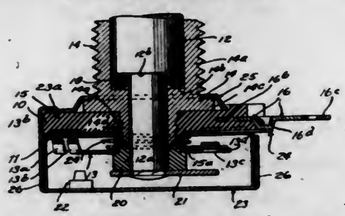
2,437,165
HELICOPTER LIFTING SCREW OPERATING MECHANISM
Arthur A. Locke, Detroit, Mich.
Application April 27, 1944, Serial No. 532,981
11 Claims. (Cl. 244—17)

1. In a helicopter, a hollow drive shaft, air screw blades supported and rotated by the drive shaft, said blades being movable to permit variation in angle of incidence, an arm adaptable for movement for changing the angle of incidence of each blade, means extending axially through the drive shaft and engageable with said arm, means operable by a pilot to impart axial movement to the means extending through the drive shaft, said means extending through the drive shaft being tiltable in part for simultaneously effecting a different angle of incidence of the



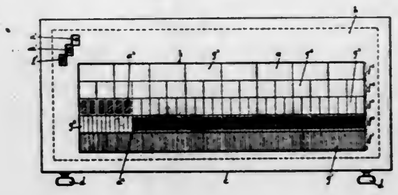
different blades, and means operable by a pilot comprising a member adaptable for vertically reciprocal and rotatable movement extending through said second named means for both positioning and actuating said tiltable portion in a directionally selected manner, each of said pilot operating means constituting a combined manual control and being actuable simultaneously or independently for effecting a uniform change in angle of incidence or a different change in angle of incidence of the different blades.

2,437,166
VOLUME CONTROL
Edmund G. Lodge, Rosemont, Pa., assignor to International Resistance Company, Philadelphia, Pa., a corporation of Delaware
Application June 2, 1944, Serial No. 538,389
8 Claims. (Cl. 201—55)



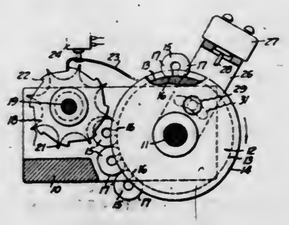
1. In the art of assembling a volume control part including a base of insulating plastic, a central bushing, terminals, and a resistance element comprising an insulating core coated with resistance material, the steps comprising completing the resistance element with the desired resistance characteristics and form to be used in the volume control when completed, relating the parts with terminals in electrical contact with spaced points on the element, and molding the plastic about the parts to provide a base with the completed element bonded to one side thereof and with portions of the terminals embedded in the base and in contact with said element.

2,437,167
MATCH DRAW INDICATOR
Arthur R. Lovelock, Boat of Garten, Scotland
Application February 21, 1946, Serial No. 649,265
In Great Britain March 7, 1945
12 Claims. (Cl. 116—131)



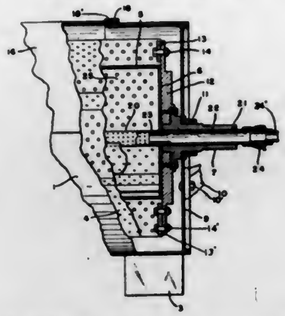
1. An appliance for computing and indicating match competitions for games comprising a web having stepwise rows of indicator marks thereon, the number of marks in each row being half the number of marks in the next row, means for winding and unwinding the web, a transparent sheet covering an exposed portion of the web, said sheet being marked out to define columns, each of said columns being graduated in divisions, the number of divisions in each row being half the number of divisions in the next row, said web being positioned relatively to said sheet to permit each row of indicator marks to be brought beneath a column on the sheet which has the same number of graduations as the number of indicator marks on the row of marks registrable therewith, a casing enclosing the web and its winding and unwinding means, and a cover for said casing, said cover having a window aperture over the transparent sheet.

2,437,168
TIMING APPARATUS
Leo A. Marihart, Monterey, Calif.
Application March 2, 1946, Serial No. 651,663
6 Claims. (Cl. 161—1)



1. In timing apparatus adapted to provide a series of recurrent responses in accordance with the reception of recurrent impulses, means providing a continuously moving track-way, a plurality of transfer elements slidably and frictionally engaging the trackway, trigger means associated with the trackway for retaining a plurality of said transfer elements stationary in a row one behind the other, said trigger means being adapted to be operated by received impulses to release the first element of a retained element, and means located at a station along the trackway adaptd to be actuated by a transfer element moving along the trackway after release of the same.

2,437,169
WASHING MACHINE WITH DIVIDED CONTAINER AND AXIAL INLET
Abe Miller, Detroit, Mich.
Application October 26, 1945, Serial No. 624,860
2 Claims. (Cl. 68—58)



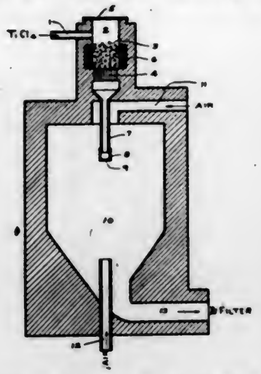
1. In a washing machine comprising a horizontally disposed cylindrical tank, a perforated cylindrical container positioned for rotation within the tank, end plates enclosing the cylindrical container, drive shafts positioned coaxially with the cylindrical container at each end thereof, at least one of said drive shafts having a bore extending axially therethrough, a perforated conduit extending axially through the cylindrical container and attached to the end plates thereof, a conduit extending through the bore in the one shaft and communicating with the perforated conduit, and a coupling joint attached to the conduit extending through said bore and communicating with a source of fluid, said conduit extending through said bore having a projecting portion for extending partly within the perforated conduit.

2,437,170
DODECYLAMINE SALT OF 2-MERCAPTOBENZOTHIAZOLE AND PROCESS FOR MAKING THE SAME
Arthur Minich, Westfield, N. J., assignor to Nuodex Products Co., Inc., Elizabeth, N. J., a corporation of New York
No Drawing. Application July 14, 1945, Serial No. 605,187
2 Claims. (Cl. 260—306.6)

1. As a new composition of matter, a fungicidal and insecticidal oil-soluble dodecylamine salt of 2-mercaptobenzothiazole.

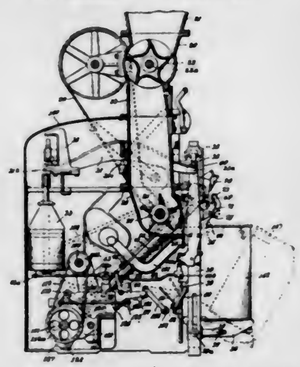
2,437,171
COMPOSITE TITANIUM DIOXIDE-METAL OXIDE PIGMENT
Alphonse Pechukas, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 10, 1943, Serial No. 509,703
4 Claims. (Cl. 106—300)

1. The method of preparing a titanium dioxide pigment which comprises passing vaporized titanium tetrachloride through a porous mass of an oxide of another metal which oxide is susceptible of undergoing chlorination upon contact with titanium tetrachloride maintaining the vapor temperature sufficiently high to form and vaporize a chloride of said metal, permitting only a portion of the titanium tetrachloride to react with the oxide whereby to form a vapor mixture of the resulting metal chloride and titanium tetrachloride, removing the mixture from the porous mass and thermally reacting the vapor



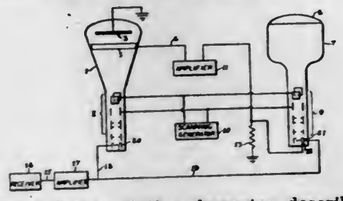
mixture with oxygen to convert the chlorides therein to oxides.

2,437,172
VALVE BAG FILLER
William R. Peterson, Oswego, N. Y., assignor to St. Regis Paper Company, New York, N. Y., a corporation of New York
Continuation of application Serial No. 507,521, October 25, 1943. This application May 4, 1946, Serial No. 667,418
12 Claims. (Cl. 249—60)



3. Apparatus for filling valve bags comprising a scale beam, a bag support mounted on the load end of the beam and comprising a spout adapted to enter the valve of a bag, a housing having a discharge opening normally in line with the spout, means to drive powdered material and air from the housing through the opening and spout into a bag thereon, a gate for the opening, a spring urging the gate toward closing position, mechanical means for opening the gate, a latch for holding the gate open, means releasing the latch when the load end of the beam descends in response to a charge in a bag on the support, a clamp for clamping a bag on the spout, means connected to the gate and releasing the clamp when the gate is closed, a spring operated pusher for discharging a filled bag, mechanical means for compressing the last said spring and a latch for holding it compressed, means connected with the gate for releasing the latch when the gate is closed, and timing means connected with the pusher for delaying the effective discharging action of the pusher for a predetermined interval after the gate is closed before the bag is discharged.

2,437,173
DEVICE FOR DISCRIMINATING BETWEEN FIXED AND MOVING OBJECTS
Robert E. Rutherford, Nutley, N. J., assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J., a corporation of Delaware
Application July 27, 1945, Serial No. 607,355
13 Claims. (Cl. 315—9)

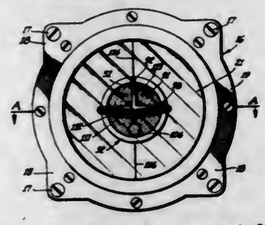


1. In a device of the character described, a cathode-ray tube having a screen, a cathode-ray tube having its control grid in parallel with the control grid of said first named tube and having a storage dielectric, and means to apply a signal from said second named tube to a beam intensity controlling electrode of the gun structure of said first named tube.

2,437,174
PRODUCTION OF ACTIVE CARBON
Frank Kerr Signaigo, Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 2, 1945, Serial No. 597,369
3 Claims. (Cl. 252—286)

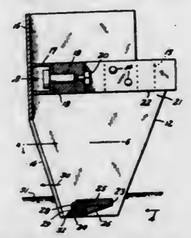
1. A method for producing highly-absorbent, active carbon in sheeted form comprising impregnating a sheeted, cellulosic material with a solution of a boron compound selected from the group consisting of boric acid and compounds which on ignition yield boric acid until 1–15% by weight of the boron compound is impregnated, igniting the material so impregnated and allowing the same to burn in an excess of air, and then water extracting residual boron compounds from the resulting active carbon product.

2,437,175
GYROSCOPIC FLIGHT INDICATING INSTRUMENT
Thomas O. Summers, Jr., Los Angeles, Calif.
Application December 8, 1942, Serial No. 468,189
7 Claims. (Cl. 33—204)



7. A flight indicating instrument for aircraft comprising, in combination, an indicator housing for mounting on an aircraft; a gyro-vertical universally mounted in said indicator housing; a cylindrical housing member movable with and stabilized by said gyro-vertical, the axis of said housing member being parallel to the longitudinal axis of the aircraft; a transparent indicating face member mounted at the forward end of said housing member; an opaque circular partition mounted intermediate the ends of said housing member; an axial shaft pivotally mounted in said housing member and extending through said partition; a pendulous weight secured to said shaft behind said partition for pivotal movement in a transverse plane in response to transverse acceleration forces; a pendulum indicator secured to said shaft between said face member and said partition to indicate such transverse acceleration forces; means in said housing member operative to dampen oscillation of said pendulous weight; an aircraft attitude indicator pivotally mounted on said housing member in front of said face member for oscillation in a transverse plane; means movable with said housing and operative to oscillate said attitude indicator to simulate banking of the aircraft; a second attitude indicator adjustably secured to said housing and arranged adjacent said first attitude indicator and movable vertically relative thereto to simulate pitching of the aircraft; and means for adjusting said second indicator to align said attitude indicators when the aircraft is in its normal fore and aft flight attitude.

2,437,176
UNDERGROUND CUTTER FOR TREES
Willard O. Taylor, Ranger, Tex.
Application February 1, 1946, Serial No. 644,881
3 Claims. (Cl. 37—2)



1. In association with a tractor having a bulldozing frame adapted to be lowered and raised, a pair of spaced side plates secured to the front ends of said framework and extending forwardly and downwardly therefrom, a bulldozer connecting the forward extremities of said plates partially along the length thereof, a sharp edge along the remaining portions of said extremities, a reinforcing channel between said plates and immediately adjacent to said bulldozer, a horizontal carrier connecting the lower ends of said plates, and an arcuate, horizontaly extending cutting blade detachably secured to said carrier, said blade engaging said trees below the surface of the ground.

2,437,177
METHOD OF CASTING AND APPARATUS THEREFOR
Thomas O. Theobald, Royal Oak, Mich.
Application October 28, 1944, Serial No. 560,784
3 Claims. (Cl. 22—134)

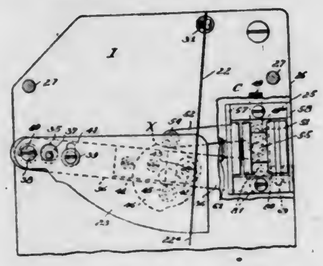
1. A snagging washer to be inserted in a riser of a casting mold comprising, a flat thin sheet

metal stamping formed of shim stock having an opening therein, said opening proportioned to reduce the cross sectional area of the riser to about two-thirds, and a plurality of tongues stamped



from the material of said washer, said tongues projecting slightly beyond the periphery of the washer and extending back into the body of the washer a major portion of the distance therethrough, for the purpose described.

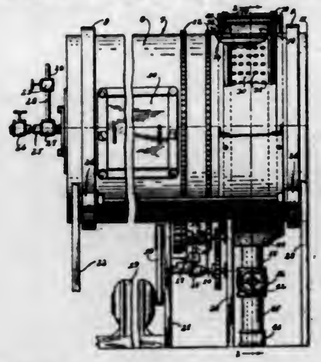
2,437,178
INTEGRATOR
Armistead Wharton, Thompson's Point, Vt., assignor to Taylor Instrument Companies, Rochester, N. Y., a corporation of New York
Application July 21, 1944, Serial No. 546,042
1 Claim. (Cl. 235—61)



In a mechanism for integrating a variable quantity with respect to time having a means for introducing a uniform time factor and instrumentalities responsive to a second variable factor, a sensing means periodically operated by said time factor introducing means, a pivoted element substantially inextensibly connected with said variable factor responsive instrumentalities for oscillation thereby, and an elongated member rigidly attached to said pivoted element for oscillation therewith and having an abutment portion at the free end thereof cooperating with said sensing means, said element being flexible in the direction of its movement substantially along its length, whereby said pivoted element may be adjusted by said variable factor responsive means while the abutment of said elongated member is engaged and retained by said sensing means.

2,437,179
PERIPHERAL DRAIN MEANS FOR LAUNDRY MACHINES
Edward A. Wheeler, Chicago, Ill.
Application March 18, 1947, Serial No. 735,324
6 Claims. (Cl. 68—144)

1. In a laundry machine of the character described, drum means rotatably confined and provided with perforated peripherally cylindrical drain means embracing a comparatively small peripheral portion adjacent one end of the said drum means, annular walls secured to the said drum means on each side of the said cylindrical drain means, stationary drain means sealably confining the said annular walls, splash guard means encasing the said stationary drain means and supporting the same, the said stationary drain means

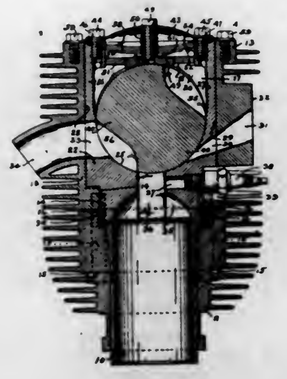


terminating in a downwardly depending outlet, and valve means secured to the said outlet.

2,437,180
ELECTRICAL CONNECTOR
Edward J. Allen, Cleveland, Ohio, assignor to The Leece-Neville Company, Cleveland, Ohio, a corporation of Ohio
Application January 10, 1945, Serial No. 572,137
2 Claims. (Cl. 173—328)

1. An electrical connector comprising a housing member having a hollow cylindrical portion, a second housing member having a cylindrical plug portion adapted for relative rotary telescoping engagement in the hollow cylindrical portion of the first housing member, a group of contacts mounted in the first housing member and having curved portions disposed in spaced relation in an annular series adjacent the wall of said hollow cylindrical portion and forming a cylindrical lining therein, said curved portions having slots formed therein and which include substantially axially extending locking recesses, contacts carried by the plug portion of said second housing member and having locking projections engageable in said slots and adapted to seat in said locking recesses, and resilient means between said housing members and tending to cause axial separation thereof for holding said projections in said locking recesses, said plug portion being axially and arcuately slidable in said cylindrical lining during said relative rotary telescoping engagement, said second housing member also having a sleeve portion extending coaxially around said plug portion and spaced therefrom and being arcuately and axially slidable around the hollow cylindrical portion of said first housing member during said relative rotary telescoping engagement.

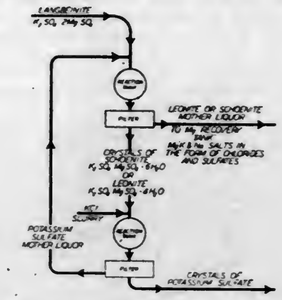
2,437,181
ROTARY VALVE MOUNTING
Erwin G. Baker, Indianapolis, Ind.
Application July 19, 1946, Serial No. 684,882
8 Claims. (Cl. 123—80)



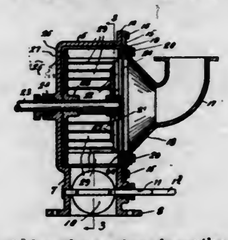
1. The combination with an engine cylinder of an engine head; a valve cage; said head having a chamber therein to receive said cage in sliding relation longitudinally of said cylinder; a cylindrical portion extending from said cage toward said cylinder, said head having a bore slidingly receiving said portion; a cylindrical valve; said head chamber having a circular opening in opposite side walls thereof, the openings having a larger diameter than that of said valve; a valve seat in said cage over said portion, conforming in curvature to that of said valve and extending at most not over one-half of the circumference of said valve; said cage having intake and exhaust passages opening through said seat, and further having a passage leading from said seat through said cage portion, and said valve having slots thereacross to register selectively with openings of said passages; said valve having a length to have its end portions enter respectively into said chamber openings; a shoe bearing on said valve on a side thereof opposite said seat; spring means carried by said cage to retain said shoe against said valve by a predetermined pressure; other spring means yieldingly resisting outward travel of said cage in respect to said head chamber; and means for revolving said valve on said seat.

2,437,182
POTASSIUM SULPHATE MANUFACTURE
James A. Barr, Evanston, Ill., and William A. Smith, Carlsbad, N. Mex., assignors to International Minerals & Chemical Corporation, a corporation of New York
Application April 15, 1943, Serial No. 483,100
1 Claim. (Cl. 23—121)

The improvement in the art of making potassium sulphate, which consists in hydrating comminuted langbeinite, at a temperature of between 100° F. and 140° F. for from six to two hours, in potassium sulphate mother liquor to form crystals of hydrated $K_2SO_4MgSO_4$, separating the crystals from the liquor resulting from the hydration step, reacting said crystals in an aqueous medium containing KCl so as to form a precipitate of potassium sulphate in a mother liquor, separating the precipitate from the mother liquor, using the latter liquor for the hydration of a subsequent batch, and repeating the process.



2,437,183
BLOWER
Otto G. Berg, Spokane, Wash.
Application February 22, 1945, Serial No. 579,199
1 Claim. (Cl. 230—119)

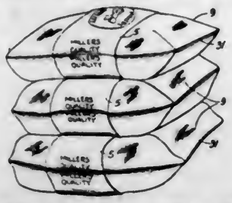


A device of the character described comprising a casing having an annular wall and a side wall and being open at its other side, an outlook neck extending from the annular wall and adapted to be connected with the intake of an engine, a ring removably mounted about the open side of the casing, an inlet neck having its outer end adapted for connection with a carburetor and having its inner end portion flared and removably secured to said ring about the inner periphery thereof, and rotatably mounted through the side wall of said casing centrally thereof, and extending transversely through the casing axially thereof, a cage fan in said casing having a flat side wall formed with a central hub mounted about said shaft adjacent the side wall of the casing and carrying blades having ends secured to the flat side wall in spaced relation to each other about the periphery thereof and braced by a ring secured to ends of the blades adjacent the inner surface of the ring at the open side of the casing, and a suction fan within the cage-fan having a hub firmly mounted about the shaft at the open side of the cage-fan and blades extending radially from its hub with their outer ends terminating adjacent the ring of the cage fan.

2,437,184
LABELED FABRIC BAG AND THE LIKE
Charles V. Brady and August F. Ottinger, St. Louis, Mo., assignors to Bemis Bro. Bag Company, St. Louis, Mo., a corporation of Missouri
Application February 21, 1945, Serial No. 578,976
3 Claims. (Cl. 150—1)

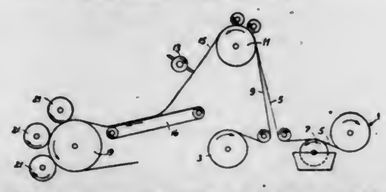
1. A labeled bag comprising a rectangular blank of fabric material folded upon itself so

that its marginal edges are adjacent each other, thereby forming front and back bag walls, a stitched, inturned seam securing said adjacent marginal edges of the blank together, a continuous printed paper label strip peripherally encircling the outside of the folded blank and secured throughout its area to the blank by a water-soluble adhesive thus permitting the strip



ultimately readily to be removed from the blank, said strip traversing the fold of the blank and extending completely from one of the adjacent edges of the blank to the other with its ends inturned with the seam at said edges and caught in said seam, the width of the label strip being narrower than the dimension of the bag walls crosswise of the strip.

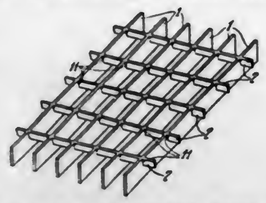
2,437,185
METHOD OF MAKING LABELED BAGS AND THE LIKE
Charles V. Brady and August F. Ottinger, St. Louis, Mo., assignors to Bemis Bro. Bag Company, St. Louis, Mo., a corporation of Missouri
Original applications May 10, 1944, Serial No. 535,004, and February 21, 1945, Serial No. 578,976. Divided and this application February 9, 1946, Serial No. 646,577
5 Claims. (Cl. 112—10)



1. The method of applying labels to and forming bag-like coverings for packaging comprising withdrawing from a supply a continuous web of cover-forming material; withdrawing from a second supply a continuous narrower strip of label-forming material; continuously adhesively combining the web with the label-forming strip between and spaced from the edges of the web: transversely cutting the combined web and strip into a bag-forming blank; folding said blank into bag form with its strip inside; stitching the edges of said folded blank to form a bag seam with both ends of said strip caught in the seam; and turning the bag so formed inside out to present the label strip on the outside but caught in the seam.

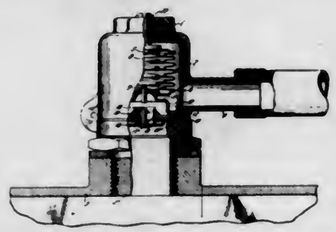
2,437,186
GRATING AND METHOD OF MAKING THE SAME
Tappan Collins, Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation, a corporation of New Jersey
Application May 27, 1944, Serial No. 537,668
6 Claims. (Cl. 189—82)

6. A grating of the character described, including at least two series of members connected in intersecting relation, the second series of members having portions of cuneiform section entered within the edges of the first series of members substantially flush with said edges, the said portions having a taper converging inwardly from said edges, the connections between said portions



and the first series of members being characterized by substantially full area welds and fillet-like extruded portions at the angles between the said members, the said cuneiform portions having a depth in the direction of their taper at least twice the maximum width thereof transversely of said taper.

2,437,187
VALVE FOR AIRCRAFT COOLING SYSTEMS
Jesse E. Eshbaugh, Flint, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application January 14, 1944, Serial No. 518,279
2 Claims. (Cl. 137—153)

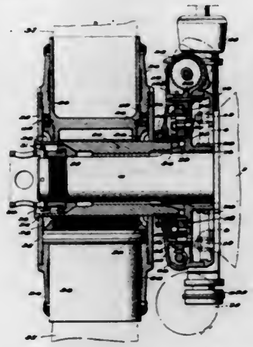


2. An engine cooling system pressure relief valve assembly including a casing open to external atmosphere and having a system vent for connection with the system, an outwardly opening main valve to close said vent, an aneroid having axially spaced end walls, one of which is fixed to the casing and the other of which is fixed to the valve in axially spaced relation thereto in its peripheral portion and so arranged as to present to atmosphere an effective surface area substantially equal to the effective valve surface area presented to atmosphere, an inwardly opening valve carried by the main valve so that when open the system vent communicates with external atmosphere through the space between the main valve and the adjacent end wall of the aneroid, and spring means interposed between the aneroid end walls to seat the main valve against the vent pressure.

2,437,188
SELF-CONTAINED VARIABLE PITCH PROPELLER UNIT
Archibald Graham Forsyth, Cheam, England, assignor to The Fairey Aviation Company Limited, Hayes, Middlesex, England
Application January 19, 1943, Serial No. 472,882
4 Claims. (Cl. 170—163)

1. A control unit for variable pitch propeller systems having propeller hub structure provided

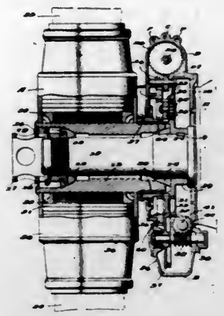
with pitch changing gearing, said unit being dimensioned to be removably positioned surrounding the propeller drive shaft between the propeller hub structure and the engine with the propeller drive shaft extending entirely through the unit, said control unit comprising a sleeve extending substantially the entire axial length of the unit and comprising the annular inner wall of the unit, means mounting said sleeve in a position surrounding the propeller drive shaft for rotation therewith, gear teeth on said sleeve, a stationary toothed ring gear coaxially mounted about said sleeve and radially spaced therefrom, a ring spider surrounding said sleeve, pairs of pinions carried by said spider, one pair of said pinions engaging the teeth on said sleeve and



the teeth on said ring gear, a second toothed ring gear mounted for rotation about said sleeve, a third toothed ring mounted for rotation on a portion of said sleeve, a second pair of said pinions engaging said second toothed ring gear and said third toothed ring, motor means for driving said second toothed ring gear, said third toothed ring having a gear portion engageable with the pitch changing gearing of the propeller hub structure, and a housing, said housing supporting said motor means, said housing and said sleeve together comprising a complete enclosure for all of the other named elements of said unit with the exception of said gear portion and said motor means, and providing unitary support for the entire unit.

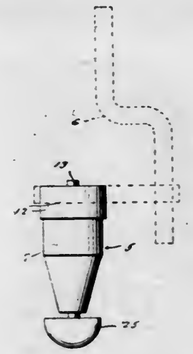
2,437,189
SELF-CONTAINED UNIT FOR VARIABLE PITCH PROPELLERS
Archibald Graham Forsyth, Cheam, England, assignor to The Fairey Aviation Company Limited, Hayes, Middlesex, England
Application February 25, 1943, Serial No. 477,155
15 Claims. (Cl. 170—163)

1. A variable pitch propeller device comprising a hub unit adapted to be mounted on a propeller drive shaft extending from an engine to rotate with said shaft, said hub unit including pitch changing means, a self-contained control unit mounted to surround said propeller drive shaft between said hub unit and the front facing of the engine, said control unit comprising gearing connected with said propeller blade mountings, a shaft driven by the propeller drive shaft, a governor driven by said shaft, hydraulically actuated clutch means for clutching said shaft to said gearing, a fluid pump driven by said shaft for forcing fluid under pressure to said clutch means to actuate the same, valve means for controlling fluid pressure at said clutch means, said valve means including a governor controlled valve



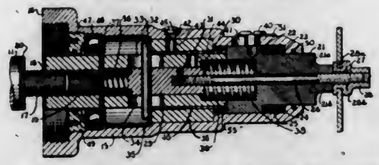
and at least one cam controlled valve, said cam being actuated by said gearing.

2,437,190
MANUALLY CONTROLLED TRACER
Harold W. Gale, Dearborn, Mich., assignor to Hexagon Tool and Engineering Corporation, Dearborn, Mich.
Application July 26, 1944, Serial No. 546,683
3 Claims. (Cl. 33—169)



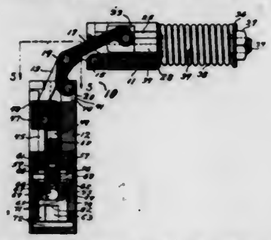
1. A tracer of the class described comprising a longitudinally elongated, centrally bored barrel having a reduced portion at its lower end provided with an annular beveled seat, the upper portion of the bore being circumferentially enlarged and the intermediate portion being provided with an annular beveled seat merging into said reduced portion, an adapter body of general semi-spherical form located in the upper portion of the bore and engaging the adjacent beveled seat, a spring-pressed end thrust pressure unit mounted in the upper portion of the bore and engaging the adapter, a stem having its major portion located in the reduced portion of the bore, its upper end universally connected with the central portion of said member, and its intermediate portion provided with a ball-joint element engageable with the beveled seat at the outer end of the reduced part of the bore, said stem projecting beyond said barrel to accommodate a detachable tracer element.

2,437,191
UPSETTING TOOL FOR HOLLOW RIVETS
Ray H. Gill, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application December 24, 1941, Serial No. 424,297
13 Claims. (Cl. 218—19)



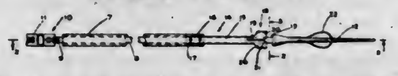
1. Apparatus for upsetting a hollow threaded rivet, said apparatus comprising a mandrel having a threaded portion engageable in the threaded bore of the rivet, an anvil engageable with the rivet, a support for the mandrel and the anvil, the anvil being movable with relation to said support and along the mandrel, resilient means urging said anvil with relation to said support in a direction away from the threaded end of said mandrel, and means for moving said anvil in the opposite direction against said resilient means to upset a rivet engaged by the threaded end of said mandrel.

2,437,192
HINGE
Joseph J. Glanz, New Haven, Conn., assignor to Aircraft Tools, West Haven, Conn., a partnership
Application August 7, 1945, Serial No. 609,436
11 Claims. (Cl. 16—50)



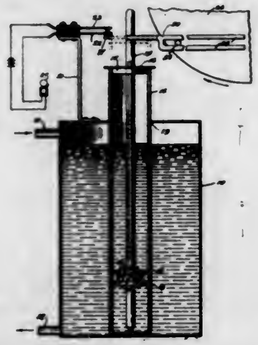
1. Hinge-means including: a pair of hinge-leaves each having a face, and said leaves hinged together to provide hinging-movement toward and from a closed position; spring-means adapted to move said leaves toward said closed position; and check-means located between the top and bottom and behind said face of, and supported by one of said leaves and employing liquid actuated by a piston having a direction of movement substantially at right angles to said face of the leaf, by which leaf said check-means is supported, and adapted to controllably resist the closing-action of said spring-means.

2,437,193
PARAFFIN DISLODGING TOOL
Adolph W. Hanke, Weleetka, Okla.
Application February 1, 1945, Serial No. 575,662
2 Claims. (Cl. 166—18)



1. A paraffin dislodging tool for oil well casings comprising an elongated open-ended tubular body provided at one end with diametrically opposite resilient arms extending forwardly thereof and terminating in semi-circular coacting cutting and surface scraping knives, a rod slidable through and extending beyond opposite ends of said tubular body, said rod being provided on its actuating or upper trailing end with coupling means, a spearhead on the working or leading end of the rod, and said spearhead operating in reciprocatory relation between and outwardly beyond the cutting knives and having a cleaning element thereon to whirl against said knives for keeping same clean and in working order, said coupling means and spearhead being disposed outwardly of the respective opposite ends of said tubular body and constituting longitudinally spaced stop shoulders engageable with said opposite ends.

2,437,194
CONSISTOMETER
Bertie S. Harrington, Chicago, Ill., assignor to Armour and Company, Chicago, Ill., a corporation of Illinois
Application May 31, 1945, Serial No. 596,964
8 Claims. (Cl. 73—54)



1. A device for determining the consistency of materials, such as oils and fats, which when in liquid form thicken upon chilling, comprising a tank for containing a chilling medium, a tube for containing such liquid and adapted to be suspended in said medium, said tube being adapted to be reciprocated within said medium, a sleeve slidable within said tube, and means for reciprocating said sleeve within said tube until upon the thickening of the liquid the tube moves with said sleeve a predetermined distance.

2,437,195
CIRCULAR KNITTED STOCKING
Arthur Leonard Hunt, Nottingham, England, assignor to George Edwards & Sons, Limited, Somercotes, Derbyshire, England
Application June 12, 1944, Serial No. 539,907
In Great Britain May 31, 1943
1 Claim. (Cl. 66—187)

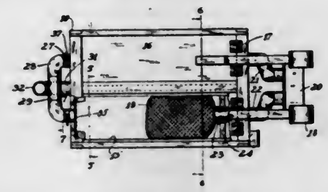
A method of knitting by oscillation the toe pouch of a stocking on a circular knitting machine wherein the foot is knitted by rotation, which consists in rendering substantially half of the needles inoperative and causing them to hold their loops, knitting a plurality of selvedged courses by oscillation on all the remaining active needles, narrowing during oscillation by progressively reducing the number of needles in the active group by progressively rendering needles

at both ends thereof inactive but causing them to hold their loops, widening during oscillation by progressively increasing the number of needles in the active group by progressively reintroducing loop-holding needles into activity at each end thereof, narrowing again in the same



manner as in the first narrowing, widening again in the same manner as in the first widening until all the needles of the original active group are again active, and knitting a plurality of selvedged courses by oscillation on all the needles of the original active group.

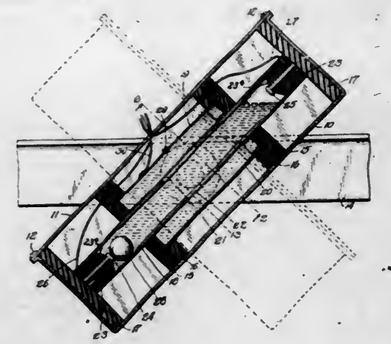
2,437,196
PILLOW FILLING MACHINE WITH SUCTION CREATING MEANS
Daniel Huttner and Richard S. Kramer, Chicago, Ill.; said Kramer assignor to said Huttner
Application May 13, 1944, Serial No. 535,457
2 Claims. (Cl. 226—43)



2. Apparatus for filling a pillow case or the like with loose material, comprising a casing having a pair of horizontally disposed pillow receiving chambers disposed side by side and each being of greater dimensions in all directions than the size of the pillow, a material inlet pipe extending into each of said chambers from one end thereof and spaced from the adjacent chamber wall portions, a suction pipe at the opposite end of each of said chambers, driven suction creating means attached to said suction pipe, a pair of convergently depending supply pipes connected with their upper ends to the outer end of each of said inlet pipes beyond the end of said casing, and a substantially horizontal and centrally-positioned floor-adjacent material receiver having laterally spaced openings receiving the lower ends of said supply pipes.

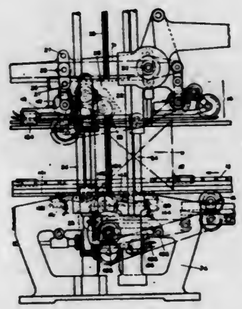
2,437,197
TIME-DELAY SWITCH
Cecil B. Ivester, Sunray, Tex., assignor to Continental Carbon Company, a corporation of Delaware
Application May 12, 1945, Serial No. 593,422
7 Claims. (Cl. 200—33)

3. In a time delay switch having a reciprocable metal tube, a fluid therein, contacts in said tube, and a metal ball adapted to move through said tube to engage a contact and complete a circuit between the contact and the tube; an expansion chamber above said tube; a sediment chamber



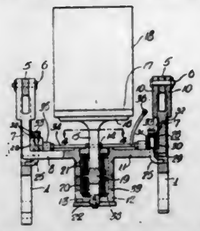
below said tube, and passageways connecting said tube and chambers.

2,437,198
PACKAGING MACHINERY
James Arthur Kay, Gainsborough, England, assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England, a British company
Application July 8, 1944, Serial No. 544,050
In Great Britain March 27, 1943
9 Claims. (Cl. 91—50)



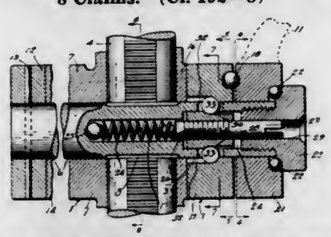
1. Packaging apparatus of the type described, comprising means for feeding a succession of containers through the apparatus with their inside flaps folded into closed position and their outside flaps folded outwardly preparatory to the application of glue thereto, a glue-applying roller, operating means for moving the glue-applying roller into gluing engagement with the outside flaps of the containers during their passage through the apparatus, and a feeler member movably mounted in the apparatus with its feeler projecting into the path followed by the folded inside flaps of the containers so as to be engaged thereby and moved into an operative position during the passage of the containers through the apparatus and maintained in that position during continuance of such engagement, and means inter-connecting the operating means and the feeler member and responsive to said movement of the feeler member for causing operation of said operating means.

2,437,199
SEAT FOR USE IN AIRCRAFT
Philip Kirk, Philadelphia, Pa.
Application February 8, 1946, Serial No. 646,380
7 Claims. (Cl. 155—77)



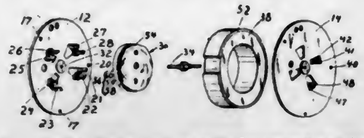
1. A seat structure comprising a pair of laterally spaced side frames, a cradle comprising a pair of side arms and a horizontal cross beam connecting said side arms, horizontal pivots mounted in said side frames for pivotally supporting said side arms thereon, a seat carried by said cradle and including a pedestal slidably mounted in said cross beam intermediate said side arms, and resilient means for normally supporting said seat in a predetermined position with respect to said cross beam.

2,437,200
CLAMPING DEVICE
Fred W. Kuppersmith, Bloomington, Ill.
Application February 15, 1946, Serial No. 647,926
8 Claims. (Cl. 192—8)



1. A clamping device comprising two relatively adjustable members and means for effecting relative adjustment of said members and holding them in adjusted position comprising a rotatable shaft for adjusting said members, a first friction face element rotatable with said shaft and held against axial movement thereon, a second friction face element held against rotation and axial movement and engageable with said first friction element for holding the shaft against rotation, a third friction face element rotatable with said shaft, nonrotatable with respect thereto and axially movable thereon, a fourth friction face element held against rotation and axial movement and engageable with said third friction face element for holding the shaft against rotation, spring means tending to separate said engageable friction face elements, and actuating means for rotating said shaft when the friction face elements are not engaged and forcing the engageable friction face elements into engagement when the shaft encounters increased resistance to rotation comprising an actuating element mounted on said shaft and having a limited rotation with respect thereto, and cam means acting when the shaft encounters resistance and the actuating means are rotating with respect to said shaft to force the engageable friction face elements into engagement.

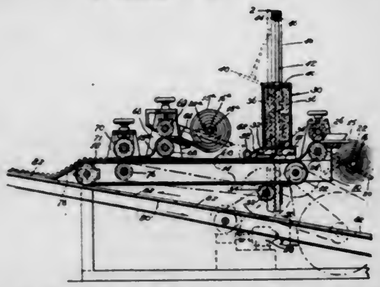
2,437,201
SYNCHRONOUS ELECTRIC CLOCK MOTOR
Francis J. Landgraf and Richard P. Landgraf, Chicago, Ill.
Application June 16, 1947, Serial No. 754,890
12 Claims. (Cl. 172—278)



1. In combination in a synchronous motor of the class described, a pair of magnetic plates, each plate having a plurality of pole-piece tongues integral with the plate and struck therefrom, said tongues having their roots lying on a circle, and being cut from the portion of the plate within said circle to leave spokes for supporting a center bearing, a center bearing so supported, said tongues extending perpendicular to the plate, means for spacing said plates parallel to each other with said pole pieces concentric and interspaced, a magnetic rotor carried between said plates in the center bearings thereof to be magnetically controlled by said pole pieces, and a coil lying between said plates and encircling said pole pieces.

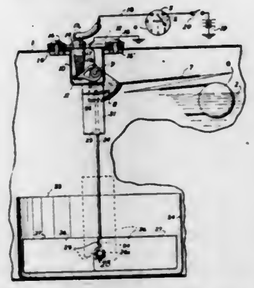
9. In combination in a synchronous motor of the class described, a pair of magnetic plates, each plate having a plurality of pole-piece tongues integral with the plate and struck therefrom, said tongues extending substantially perpendicular to said plate and having their roots lying on a circle, and being cut from the portion of the plate within said circle to leave spokes joined at the center of said circle, means for spacing said plates parallel to each other with said pole pieces concentric and interspaced, a magnetic rotor surrounded by said pole pieces and rotatably supported at the center of said circle on each plate, a coil lying between said plates and encircling said pole pieces, and shading means on such of said pole pieces as will produce rotation of the rotor when said coil is energized.

2,437,202
RAVIOLI MACHINE
Salvatore Marino, Chicago, Ill.
Application February 28, 1945, Serial No. 580,159
10 Claims. (Cl. 107—1)



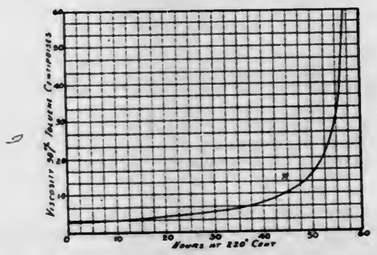
1. In a ravioli machine, a forming cylinder comprising a shaft, a plurality of circular units assembled on said shaft and each having a single series of outwardly open pockets extending circumferentially in its surface, a plurality of annular cutting members interposed between adjacent units and adjacent the outer ends of the end units of the cylinder, the pockets of said units being alined in rows extending parallel to the shaft axis, said units and cutting members having notches which form continuous slots extending longitudinally of the cylinder between adjacent rows, and cutting blades secured in said slots.

2,437,203
FUEL TANK GAGE
William McCandless, Toledo, Ohio
Application May 5, 1945, Serial No. 592,138
8 Claims. (Cl. 73—313)



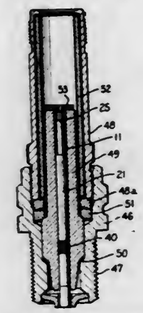
1. In a gage for indicating a liquid level in a container, a float, mechanism for translating to an indicator the rise and fall of the float with the liquid, a member submerged in a segregated portion of the liquid and rotatable therein against the resistance of said liquid, and high ratio toothed gearing means interconnected with said member and mechanism, said gearing operable by movement of said float for rotating said member at a high rate of speed whereby resistance of the liquid to the rotation of the member is imparted to the float; providing a dampener connection against rapid oscillations of the float.

2,437,204
SULFURIC ACID POLYMERIZATION OF DIORGANOSILOXANES
Rob Roy McGregor, Verona, and Earl Leathen Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y., a corporation of New York
Application March 30, 1943, Serial No. 481,143
6 Claims. (Cl. 260—607)



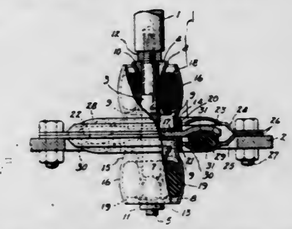
1. The method of polymerizing a dehydrated liquid consisting of the dehydrated liquid polymeric diorganosiloxane in which each of the silicon atoms of said siloxane has two and only two organic radicals attached to each silicon atom, one of the two organic radicals attached to each silicon atom being an alkyl radical and the other organic radical being selected from the class consisting of alkyl and aryl radicals, which comprises adding sulphuric acid to said siloxane and maintaining said acid in reactive relationship with said siloxane at a temperature below 250° C. until an increase in viscosity is effected.

2,437,205
SPARK PLUG
Leslie H. Middleton and Delbert Henry Stoltenberg, Toledo, Ohio
Application October 7, 1942, Serial No. 461,196
3 Claims. (Cl. 123—169)



3. In a spark plug, an insulator with a longitudinal bore of uniform cross section and external shoulders adapted to cooperate with an embracing metallic shell, a cylindrical electrode positioned in the bore substantially filling the bore and extending beyond the insulator to a predetermined position with reference to the external shoulders, a shoulder on the electrode adjacent the outer end of the insulator formed between the lower larger portion of the electrode and a smaller portion of less cross-sectional area than the bore to form a space between the electrode and the bore, and a body of compacted material positioned against the shoulder in the space between the smaller portion of the electrode and the bore to form a holding and sealing body between the electrode and the insulator.

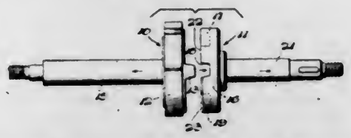
2,437,206
SHOCK ABSORBING DEVICE
Eldon Paul Neher, North Manchester, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio, a corporation of Ohio
Application December 22, 1945, Serial No. 636,547
5 Claims. (Cl. 248—358)



1. A flexible vibration damping connection comprising an inner connecting member including a disc, an outer annular connecting member encircling the disc and having an interiorly facing channel receiving the disc, and a series of

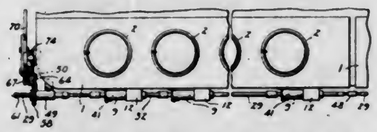
circumferentially spaced cushioning blocks interposed between the disc and the walls of said channel, said blocks being disposed alternately between the disc and opposite side walls of the channel.

2,437,207
CLUTCH
Paul A. Noxon, Tenafly, N. J., assignor to Bendix Aviation Corporation, Bendix, N. J., a corporation of Delaware
Application February 13, 1943, Serial No. 475,813
1 Claim. (Cl. 192—67)



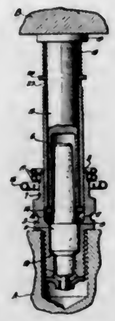
A clutch comprising driving and driven members having coengaging faces perpendicular to their axes and parallel to each other, one of said members being provided with a pair of diametrically arranged lugs of equal size projecting axially from its face and the other of said members being formed with a plurality of receptive slots in its face of equal size with the lugs and constituting a multiple of the number of lugs, with pairs arranged in diametrically opposed relation, the connecting surfaces between alternate pairs of slots being continuously flat and of equal length but longer than the lugs with alternate surfaces arranged in high and low planes respectively, whereby when the members are moved toward and rotated relative to each other, the lugs will engage and move over the low surfaces and slots at the ends thereof until they engage the adjacent ends of the high surfaces at the remote sides of said slots to cause interfitting engagement of the lugs with the slots, the bottoms of said slots being in a common plane spaced from but parallel to the planes of the connecting surfaces.

2,437,208
TWISTER RING LUBRICATING DEVICE
Daniel K. Pope, Thomaston, Ga.
Application August 15, 1946, Serial No. 690,637
11 Claims. (Cl. 57—120)



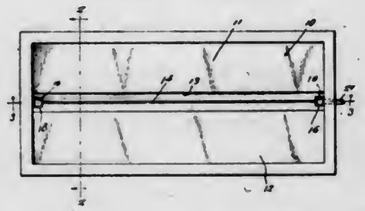
1. In a twisting machine in which the spindles are centered in traveler rings and in which a series of rings reciprocate simultaneously with respect to the spindles, a supporting member mounted in a fixed position with respect to each of said rings, a lubricant reservoir carried by each supporting member and having an outlet, a plunger in each reservoir for forcing lubricant through the reservoir outlet, a conduit connecting each reservoir outlet to the interior of a ring, a shaft journaled in said supports, means for imparting a predetermined turning movement to said shaft upon each relative reciprocating movement to said shaft upon each relative reciprocating movement of said rings and spindles, and an actuator for each plunger geared to said shaft.

2,437,209
METHOD OF MAKING SPARK PLUGS
Hector Rabezzana, Flint, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application August 11, 1942, Serial No. 454,418
4 Claims. (Cl. 113—112)



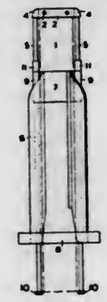
3. In the manufacture of a spark plug which includes a shell with a seat for an insulator, an insulator disposed within the shell with a portion in contact with the seat, and a shield which extends into the shell and holds the insulator in contact with the seat so that gas cannot pass between it and the shell; the operations of disposing between the shield and the insulator a member which is separate from the shield and the insulator, applying axially of the spark plug sufficient pressure to the member, without applying such pressure to the shield, to move the member axially of the spark plug with respect to the shell as a whole and to hold the insulator in contact with the seat so that gas cannot pass between it and the shell, and, while the pressure is thus applied, metallically bonding the shield to the shell in a position to hold the insulator in contact with the seat so that gas cannot pass between it and the shell.

2,437,210
DRAINAGE SYSTEM FOR STABLES
Walter W. Riebli, Oakland, Calif.
Application October 18, 1944, Serial No. 559,196
2 Claims. (Cl. 119—28)



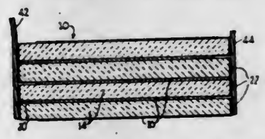
1. In a drainage system for stables, oppositely disposed floor sections having inclined converging surfaces terminating short of each other to form a longitudinally extending drain slot, an inclined drain pipe disposed below said floor sections formed with a longitudinally extending slot disposed below and registering with said drain slot formed by the adjacent edges of said floor sections, and a receptacle formed with a vertically extending slot connecting with the longitudinally extending slot in said drain pipe whereby a cleaning device may be inserted in said receptacle and drawn through said pipe to clean the same.

2,437,211
ROCKET
Conrad David Schermuly, Alfred James Schermuly, and Charles Schermuly, Parkgate, Newdigate, England, assignors to The Schermuly Pistol Rocket Apparatus Limited, Parkgate, Newdigate, Surrey, England, a British company
Application July 25, 1944, Serial No. 546,482
In Great Britain June 23, 1943
4 Claims. (Cl. 102—50)



3. A rocket comprising a casing, and a plurality of rods each secured adjacent the forward end of said casing and extending rearwardly therefrom in spaced relation to said casing, in combination with a tail unit comprising a collar surrounding the rocket casing and sleeves adapted to slide along the rods.

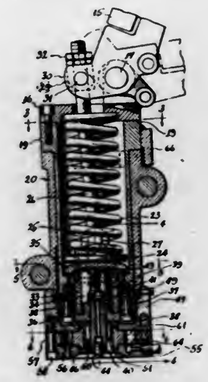
2,437,212
ELECTRIC CONDENSER AND METHOD FOR MAKING THE SAME
Frederic D. Schottland, Forest Hills, N. Y.
Application December 23, 1942, Serial No. 469,864
12 Claims. (Cl. 175—41)



1. A condenser comprising a plurality of stacked ceramic plates, each of whose upper and lower surfaces have metallic coatings of similar sizes and shapes thereon, said coatings having boundary edges, the plates being arranged so that the metallic coatings on juxtaposed faces are in substantial registration, said coatings being fused together so that the edges thereof are exactly registered.

9. A method of making condensers which include a plurality of ceramic plates each of whose upper and lower surfaces have metallic coatings of similar sizes and shapes thereon said coatings having boundary edges, said method comprising the steps of assembling the plates in stacked relationship with the metallic coatings on juxtaposed surfaces of adjacent plates in substantial registration and then exactly registering the edges of said coatings by heating said stacked plates to the fusion temperature of said coatings.

2,437,213
TROLLEY POLE POSITIONING MEANS
Joseph J. Siomer, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application November 13, 1944, Serial No. 563,175
1 Claim. (Cl. 191—70)

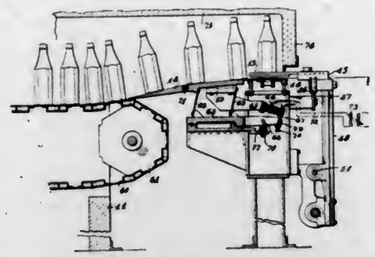


In a trolley pole, a pole having a current collector on its outer end adapted to engage a trolley wire and collect current therefrom, a socket, a support member mounted within said socket for pivotal movement with respect thereto about a vertical axis, a transverse pivotal connection between said pole and said support member, a rod connected with said pole adjacent one of its ends, a spring urging said rod in a direction to move said pole into an upright position and to hold said current collector in engagement with a trolley wire, and power means for turning said support member within said socket to laterally move said trolley pole into position where said current collector may engage the trolley wire upon the raising of said trolley pole including a casing secured to the underside of said socket, a fluid rotor rotatably mounted within said casing, said casing having an inner cylindrical wall spaced from the outer periphery of said rotor, a member extending from said wall to said rotor and forming a barrier between said wall and said rotor, a vane on said rotor slidably engaging said wall and forming a movable barrier between said rotor and wall, and fluid passageways on each side of said member to permit the admission of fluid under pressure to either side of said rotor to cause fluid engaging one side or the other of said vane to turn said rotor in one direction or another, and an operative connection between said rotor and said support member, to laterally move said trolley pole upon pivotal movement of said rotor.

2,437,214
LEHR FEEDER
Albert F. Tremblay, Toledo, Ohio, assignor to Kent-Owens Machine Company, Toledo, Ohio, a corporation of Ohio
Application May 24, 1943, Serial No. 488,162
13 Claims. (Cl. 198—31)

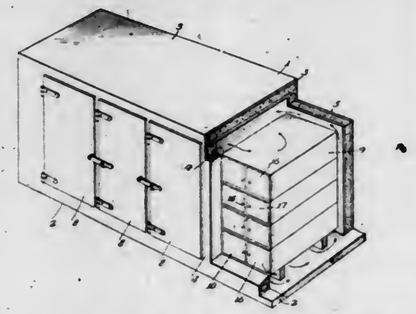
9. Apparatus for annealing glass comprising a lehr, a lehr conveyor, a carrying-in conveyor carrying glassware transversely of the lehr at one end thereof and spaced from the lehr conveyor, a platform between and approximately on a level with the ware-supporting surfaces of the carry-

ing-in conveyor and the lehr conveyor, means to give the platform a vibratory movement of translation to move ware thereon towards and onto the lehr conveyor and means to push the ware from the carrying-in conveyor to the vibrating platform, said pushing means comprising a



wiper and means to reciprocate the wiper longitudinally of the carrying-in conveyor, said last named means being geared to move the wiper with the conveyor at the same speed as the conveyor and to move it in the opposite direction more slowly.

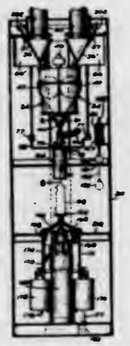
2,437,215
FOOD LOCKER
Harold E. Wheeler, Chicago, and David A. Forberg, Des Plaines, Ill.
Application February 26, 1945, Serial No. 579,854
4 Claims. (Cl. 62—102)



1. A food storage locker embodying a cabinet having an opening in a wall thereof, a closure for said opening, a food locker in said cabinet having its front face spaced a predetermined distance from the cabinet wall at the opening, said locker having its other faces spaced from the other walls of the cabinet, and means for circulating cold air through said spaces and across the face of the locker.

2,437,216
APPARATUS FOR MIXING DRY AND LIQUID MATERIALS AND LOADING INTO CONTAINERS
Jack P. Wilson, Ardmore, Herbert T. Lewis, Jr., Philadelphia, and Donald C. Glassford, Merion Station, Pa., assignors to Proctor & Schwartz, Inc., Philadelphia, Pa., a corporation of Pennsylvania
Application March 15, 1944, Serial No. 526,546
13 Claims. (Cl. 86—31)

1. Apparatus for delivering material into and packing it in an open-mouthed receptacle moving axially while being filled with said material, said apparatus comprising a mixing head disposed outside the mouth of said receptacle, an elongated filling tube extending from said head into said receptacle through the open mouth thereof with a remote external open end of said tube initially disposed adjacent but spaced from the bottom of the receptacle, a jet for gaseous pressurized fluid axially aligned with and spaced axially from the opposite internal open end of said tube located within said head for driving



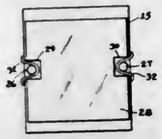
material through and out of said remote open end of said tube, means for feeding a loose dry ingredient of said material into said head circumferentially or said jet to bring said dry ingredient under the driving influence of said pressurized fluid, and means within said head for injecting a plurality of streams of a wet ingredient radially into said dry ingredient prior to the entrance thereof into the internal open end of said tube under the driving influence of said pressurized fluid.

2,437,217
BRASSIÈRE
Abraham Zwiebelson, Mount Vernon, N. Y.
Application March 28, 1946, Serial No. 657,817
2 Claims. (Cl. 2—42)



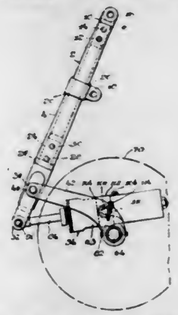
1. A brassière comprising a relatively inelastic front panel and two side panels, said front panel having bust pockets along its upper portion and being affixed to the side panels along substantially vertical lines, a cut-out formed in each of said side panels at the edge of said panel which is affixed to the front panel, said cut-out being spaced from the top and bottom edges of said side panels and from their free side edges and disposed below the level of the bust pockets, and an elastic insert set into each of said cut-outs, said inserts being attached to the front panel along said vertical lines and being attached to said side panels along the edges of the cut-outs.

2,437,218
METHOD AND MEANS FOR MOUNTING PIEZO CRYSTAL PLATES
Henry M. Bach, Woodmere, N. Y., assignor to Premier Crystal Laboratories, Incorporated, New York, N. Y.
Application January 28, 1946, Serial No. 643,921
10 Claims. (Cl. 171—327)



1. A piezo-electric crystal unit comprising a pair of electrodes, a piezo crystal positioned between said electrodes, said crystal having indentations in its edges, and means carried by said electrodes loosely engaging said indentations.

2,437,219
SHOCK STRUT
Fred E. Bachman, Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application August 5, 1944, Serial No. 548,155
17 Claims. (Cl. 244—104)

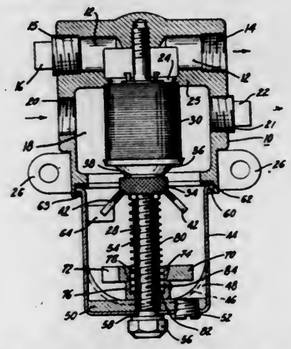


1. In a landing gear for aircraft, the combination of a strut having one end adapted for connection to the aircraft, a wheel, a pair of spaced parallel levers extending between said strut and said wheel and pivotally connected to said strut adjacent the other end thereof and to said wheel, a shock absorber device comprising two relatively movable members and means for yieldingly resisting movement therebetween, one of said members being positioned between said levers and the other of said members being pivotally connected to said second-mentioned end of said strut below the pivotal connection of said levers to said strut, and trunnion means for pivotally connecting said one member between and intermediate the ends of said levers to said levers.

2,437,220
ALUMINUM CONNECTION PARTS TREATED WITH CONCENTRATED NITRIC ACID
Wilhelm Friedrich Bonwitt, Mount Vernon, N. Y., assignor to Burndy Engineering Company, Inc., a corporation of New York
No Drawing. Application June 26, 1943, Serial No. 492,416
3 Claims. (Cl. 174—126)

2. A connection for transmitting electric current therethrough said connector being made of metal contacting parts at least one of which is aluminum, said aluminum part having a good conducting surface thereon obtained by treating it with concentrated nitric acid which is immediately air dried only.

2,437,221
SEDIMENT TRAP FOR FILTERS PROVIDED WITH MAGNETIC MEANS
Parker G. Cox and Hans Albert Hansen, Detroit, Mich., assignors to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application November 18, 1943, Serial No. 510,736
7 Claims. (Cl. 210—165)

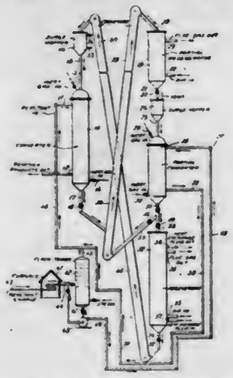


1. In a magnetic filter for fluids: a head having an inlet and an outlet; an edge type filter element interposed between the inlet and outlet; a bolt received through the filter element and having one end secured to the head; means for retaining the filter element in position comprising a nut and retaining cup rotatably secured thereto and interposed between said nut and the filter element; a plurality of pins fixed to the nut and extending outwardly thereof; a bowl received on the bolt and secured to the head beneath the filter element, there being a fluid passage connecting the inlet and the interior of the bowl; a stop member fixed to the interior of the bowl and positioned in the path of the pins when the nut is in its element retaining position; an imperforated tube extending upwardly from the bottom of the bowl and disposed about the bolt, said tube having its upper end disposed adjacent the plane of the top of the bowl; a magnet; a support for the magnet, received on the tube and positioned adjacent the bottom of the bowl, said support being of non-magnetic material and supporting the magnet in spaced relationship relative to the bottom of said bowl; an opening in the support extending from the upper end thereof, the interior walls of said opening being in spaced relation to the tube; a spring about the tube, extending into the opening in the support and reacting between said support and the nut to retain the support and magnet in position adjacent the bottom of the bowl.

2,437,222
HYDROCARBON CONVERSION PROCESS
John A. Crowley, Jr., New York, and Oswald G. Hayes, Manhasset, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Application April 18, 1946, Serial No. 662,944
11 Claims. (Cl. 196—49)

1. The process for conversion of high boiling petroleum fractions to valuable lower boiling

products which comprises: introducing high boiling liquid petroleum fractions into a confined, elongated zone into contact with a stream of hot contaminant bearing contact mass material particles introduced to said zone at a temperature sufficiently high to supply the heat required for conversion of said liquid petroleum fraction to partially converted gaseous hydrocarbons, withdrawing said gaseous hydrocarbons from said zone and passing them into an elongated, confined conversion zone into contact with a stream of regenerated contact material particles introduced into said zone at a temperature suitable to support the completion of the conversion of said gaseous hydrocarbons to valuable lower boiling hydrocarbon products, withdrawing gaseous conversion products from said conversion zone and withdrawing spent contaminant bearing contact material therefrom, passing said spent contact material through a confined partial regeneration zone, passing a combustion supporting gas through said partial regeneration zone in contact



with said contact material to effect only the partial burning off of contaminant deposit therefrom and to cause said contact material to be heated to a suitable temperature which is below the heat damaging temperature for said contact material, withdrawing hot partially regenerated contact material from said partial regeneration zone and passing it through said first named confined zone to contact said high boiling liquid hydrocarbons as aforesaid, withdrawing spent contaminant bearing contact material from said first named zone and passing it through an elongated, confined regeneration zone, passing a combustion supporting gas through said regeneration zone to burn off substantially all of said contaminant from said contact material while controlling the temperature of said contact material below a heat damaging level, withdrawing regenerated contact material from said regeneration zone and passing it to said conversion zone as said stream of regenerated contact material introduced thereinto.

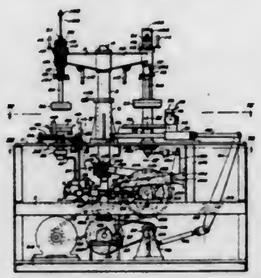
2,437,223
SPORTSMAN'S COAT
Claude H. Dutrow, Frederick, Md.
Application December 13, 1945, Serial No. 634,638
7 Claims. (Cl. 2—94)

3. In a sportsman's coat, a back and shoulder portion, a flexible waterproof sheet of material having a width substantially conforming with the width of the back portion of the coat and connected with the lower rear edge of the back portion of the coat and pendently supportable in a hanging position substantially coplanar with the back portion of the coat, said flexible waterproof sheet of material being foldable adjacent the interior of the back portion of the coat or alternately being foldable adjacent the exterior of the back portion of the coat, fastening means secured to both the inside and outside of the back portion of the coat and coacting means carried by said



flexible waterproof sheet of material and detachably engageable with said fastening means for maintaining said sheet of material either inside or outside of the coat, the surface of said flexible waterproof sheet of material that is exposed at the back portion of the coat being optically treated to establish a contrasting color signal distinguishing from the material of the coat and the environment in which it is normally used.

2,437,224
DECORATING APPARATUS
Walter H. Emerson, East Liverpool, Ohio; Elizabeth King Emerson, executrix of said Walter H. Emerson, deceased, assignor to The Homer Laughlin China Company, Newell, W. Va., a corporation of Delaware
Application May 27, 1943, Serial No. 488,651
16 Claims. (Cl. 101—41)

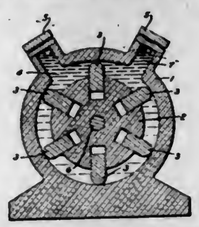


1. A potteryware decorating machine comprising a support for ware being decorated, a decorating stamp spaced from the support, means for centering ware on said support relative to the stamp, means for holding said ware in centering position, means for releasing said centering means from the ware as soon as the ware becomes held by said holding means, and means for effecting relative movement between said support and stamp to stamp decoration on the ware.

6. A potteryware decorating machine comprising a vacuum chuck for supporting ware being decorated, a decorating stamp above the chuck, a vertically reciprocable support for the stamp, means for centering ware on the chuck,

means for inking the stamp, and means actuated by said support as it is lowered for reducing the air pressure between the chuck and centered ware resting thereon.

2,437,225
ELECTRIC CURRENT INTERRUPTER
Stuart O. Fiedler and Johan Bjorksten, Chicago, Ill.; said Fiedler assignor to Bjorksten Research Laboratories, Inc., Chicago, Ill.
Application October 27, 1945, Serial No. 625,050
6 Claims. (Cl. 200—32)



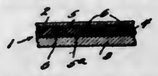
1. A current interrupting device comprising a rotor, a stator, said rotor and stator being of electrically insulating material and separated by an interspace filled with liquid metal, means for connecting said liquid metal with at least two outside electrodes, vanes slidably attached to the stator so as to form a tight fit against the rotor interrupting the electrical continuity of the said liquid metal and non-continuous indentations in the said rotor.

2,437,226
SMOKER'S STAND
Louis Fischer, Plainfield, N. J., assignor to Fischer Casting Company, Plainfield, N. J., a copartnership
Application April 1, 1946, Serial No. 658,672
3 Claims. (Cl. 232—1)



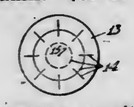
1. A smoker's stand comprising a base, a tubular standard rising therefrom, a platform rigidly affixed about the upper end of said standard, a centrally perforated ash tray removably resting ing upon said platform, said ash tray having a frusto-conical face for gravity discharge of waste through the central aperture thereof, means rigid and concentric with the ash tray substantially engaging the inner wall of the tubular standard at the upper part thereof for centering said ash tray and preventing lateral movement thereof, said means being formed as a jar holder for removably maintaining an ash intercepting jar suspended from said ash tray.

2,437,227
CUSHIONED SHOE SOLE
Manville Hall, Akron, Ohio
Application March 5, 1947, Serial No. 732,562
1 Claim. (Cl. 36—30)



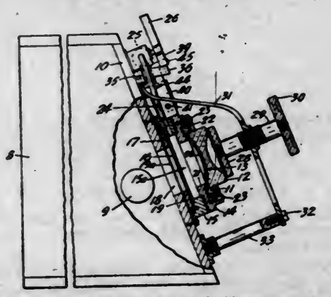
The combination with a shoe having an inner sole and an outer sole, of a cushioning layer interposed between the inner and outer soles, said cushioning layer comprising a layer of sponge rubber, a plurality of coil springs molded within and held against substantial side slip by said sponge rubber, said coil springs being more resistant to compression than said sponge rubber, and facing sheets of hard rubber molded to the top and bottom of said layer of sponge rubber.

2,437,228
RETICLE
Norman B. Mears, West St. Paul, Minn., and Harvey T. Holsapple, New Rochelle, N. Y., assignors to Buckbee-Mears Company, St. Paul, Minn., a corporation of Minnesota
Original application August 5, 1943, Serial No. 497,486. Divided and this application February 15, 1944, Serial No. 522,452. In Canada October 13, 1943
6 Claims. (Cl. 33—51)



1. A reticle comprising, a unitary body of metal formed with fine, sharp, elongated perforations not exceeding .01 inch in width, defining a light-pervious design on an opaque field, the thickness of said body over the area of said design not exceeding .02 inch and selected perforations being separated by minute reinforcing filaments of metal, the filaments being integral with the body.

2,437,229
PHOTOPRINTING APPARATUS
Norman B. Mears, West St. Paul, Minn., assignor to Buckbee-Mears Company, St. Paul, Minn., a corporation of Minnesota
Application November 5, 1945, Serial No. 626,737
4 Claims. (Cl. 95—76)



1. Apparatus for photo-printing on a light-sensitized, non-planar surface of a blank comprising, a source of light, a holder for the blank, a manually operable backing member for securing the blank in said holder, said member being movable to an inoperative position to permit the removal of the blank, a chamber having a trans-

parent wall allowing the passage of light from said source to the coated surface of the blank in said holder, said wall being shaped to conform to said surface and carrying the image to be reproduced on the blank, means including a valve for supplying gas under pressure above atmospheric to said chamber to forcibly press said wall against the non-planar surface of the blank and latch mechanism interposed between said valve and backing member adapted to retain said valve in closed position when the backing member is in inoperative position.

2,437,230

RECOVERY OF OLEFINIC HYDROCARBONS

Rupert C. Morris, Berkeley, and Theodore W. Evans, Oakland, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application July 1, 1942, Serial No. 449,326
11 Claims. (Cl. 183—115)

4. A process for the separation of a diolefin from a gaseous hydrocarbon mixture containing the diolefin and a more saturated hydrocarbon containing the same number of carbon atoms which comprises contacting the gaseous hydrocarbon mixture with a liquid solvent which consists of water and a solvent of the group consisting of acetonitrile, propionitrile, and lactonitrile, and contains from 10 mol per cent to 68 mol per cent of water, to selectively dissolve the diolefin, and separating the residual gas from the liquid solution of the diolefin.

2,437,231

COPOLYMERS OF STYRENE AND A BETA-CYANOACRYLATE

David T. Mowry, Dayton, Ohio, assignor to Monsanto Chemical Company, a corporation of Delaware

No Drawing. Application July 10, 1943, Serial No. 494,243
7 Claims. (Cl. 260—86)

1. The process for producing resinous products comprising polymerizing a mixture containing styrene together with from 1% to 50% by weight of said mixture of a compound having the general structure:

$$\begin{matrix} R.C{:}CX.COOY \\ | \\ CN \end{matrix}$$

where R and X together are selected from the group consisting of: H and H, H and Cl, H and CH_3 and CH_3 and H, and Y is a member of the class consisting of H and saturated hydrocarbon radicals of from 1 to 5 carbon atoms.

2,437,232

STABILIZATION OF POLYESTERS FROM DIHYDRIC ALCOHOLS AND BOTH SATURATED AND UNSATURATED DICARBOXYLIC ACIDS

David A. Rothrock, Jr., and Richard F. Conyne, Philadelphia, Pa., assignors to The Resinous Products & Chemical Company, a corporation of Delaware

No Drawing. Original application October 15, 1943, Serial No. 506,432. Divided and this application November 21, 1945, Serial No. 630,128
14 Claims. (Cl. 260—75)

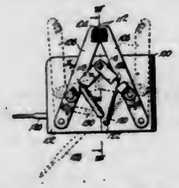
1. In the stabilization against degradation in molecular weight of a polyester consisting of chains from a saturated dihydric alcohol with a carbon chain of two to twelve carbon atoms and alcoholic hydroxyl groups as the sole reactive functional groups thereof, chains from a saturated dicarboxylic acid with a chain of four to fourteen carbon atoms and with carboxyl groups as the sole reactive functional groups thereof, and chains from an olefinically unsaturated aliphatic dicarboxylic acid with a chain of four to six carbon atoms and with carboxyl groups and an olefinic linkage as the sole functional groups thereof, the number of chains from said unsaturated acid being less than the number of chains from said saturated acid, the steps which comprise reacting by condensing together under the influence of heat said alcohol and said acids with the saturated acid in molecular excess of the unsaturated acid until polyesterification has taken place, then reacting under the influence of heat as the sole reactants the resulting polyester and from 0.0015 to 0.075 gram mole per kilogram of said polyester of a phosphorus compound from the group consisting of alkyl phosphite esters in which the alkyl group has one to eight carbon atoms and phenyl and alkylphenyl phosphite esters wherein the alkyl substituent is joined to the phenyl group and contains one to eight carbon atoms.

2,437,233

BAG HOLDER

Travis Otis Smith, Kansas City, Mo., assignor, by mesne assignments, to Arbee Products Company, Kansas City, Kans., a firm composed of David M. Larenz and Bernhard W. Alden

Application June 18, 1945. Serial No. 600,183
4 Claims. (Cl. 248—101)



1. A bag holder of the kind specified comprising a frame; a pair of substantially parallel, U-shaped bag supporting jaws pivotally mounted on the frame for movement to and from a closed position where the bights of the jaws are in juxtaposition and the bag is held shut; a manually manipulable operating member shiftably carried by the frame for actuating the jaws to and from the closed position, said operating member being held at one end of its path of travel where the jaws are closed by the action of gravity; a pair of links interconnecting the jaws to insure equalized movement about the respective axes of the jaws, said operating member being joined to the links whereby movement of the said member is imparted to the jaws through the said links; and a pin for pivotally joining said links, said member being U-shaped and having a slot in one leg thereof through which said pin projects for sliding movement therein.

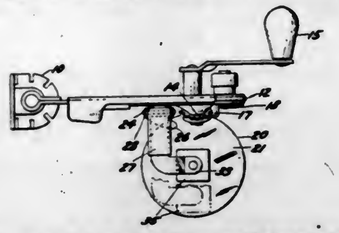
2,437,234

MAGNETIC RETAINING MEANS FOR CAN LIDS AND THE LIKE

John Webb, Toledo, Ohio, assignor, by mesne assignments, to R. H. Webb and Associates, Inc., Toledo, Ohio, a corporation of Ohio

Application March 30, 1946, Serial No. 658,386
1 Claim. (Cl. 30—124)

In combination with a can opening mechanism including a bracket; means carried by said bracket whereby a can and a can turning and cutting mechanism may be detachably connected together; of an arm comprising two slidably connected parts; a hinge connecting one of said

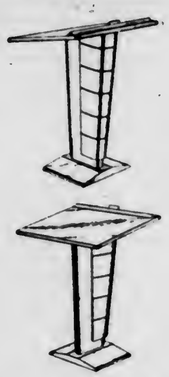


parts to said bracket, said hinge being laterally spaced from and horizontally offset with respect to said cutter; said arm extending laterally from said bracket and said hinge arranged whereby said arm may be swung to a position against the side of the bracket and to a position extending outwardly therefrom; one part of said arm attached to said hinge and the other part of said arm being laterally extended into alignment with the cutter; and a permanent magnet for retaining the cut out portion of the can; said magnet movably and rotatively pivoted on the extension of said second-mentioned arm part, said magnet having north and south poles, the pivotal support for said magnet being between said poles, said magnet lying flatwise against the top of the can and arranged to produce a relatively strong magnetic field confined to the can area adjacent said magnet, one of said arm parts being substantially impermeable magnetically to prevent dissipation of said magnet, the two part arm being operative to assume varying positions in order to tend to centralize the magnet with respect to the can upon rotary movement during the cutting action.

DESIGNS

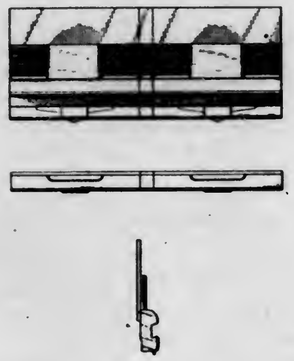
MARCH 2, 1948

148,838
DESIGN FOR A SCORE TABLE
Robert I. Anderson, Grand Haven, and Bert Hoeker, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill., a corporation of Delaware
Application March 13, 1946, Serial No. 127,452
Term of patent 14 years
(Cl. D34—5)



The ornamental design for a score table, as shown.

148,839
DESIGN FOR A MASKING UNIT FOR BOWLING ALLEY PIN SETTERS OR THE LIKE
Robert I. Anderson, Grand Haven, and Bert Hoeker, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill., a corporation of Delaware
Application March 13, 1946, Serial No. 127,456
Term of patent 14 years
(Cl. D34—5)



The ornamental design for a masking unit for bowling alley pin setters or the like, as shown.

148,840
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Nicholas Barbieri, Providence, R. I., assignor to Uncas Manufacturing Company, a corporation of Rhode Island
Application August 9, 1946, Serial No. 132,371
Term of patent 14 years
(Cl. D45—19)



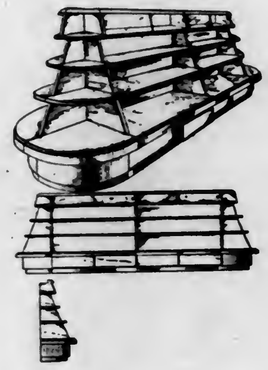
The ornamental design for a brooch or similar article, substantially as shown.

148,841
DESIGN FOR A CAKE ORNAMENT
Leon D. Bush, Chicago, Ill.
Application July 11, 1947, Serial No. 140,225
Term of patent 14 years
(Cl. D29—1)



The ornamental design for a cake ornament, substantially as shown.

148,842
DESIGN FOR A SHOWCASE
Gordon S. Cushman, New York, N. Y., assignor to Cushman's Sons, Inc., New York, N. Y., a corporation of New York
Application October 21, 1946, Serial No. 134,129
Term of patent 14 years
(Cl. D80—11)



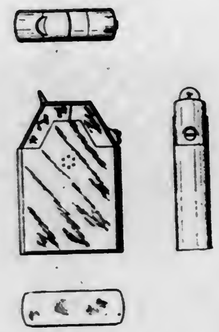
The ornamental design for a showcase, substantially as shown.

148,843
DESIGN FOR A LIGHTER
Alfredo W. Doux, New York, N. Y., assignor to Snap-Lite Corporation, New York, N. Y., a corporation of New York
Application December 29, 1945, Serial No. 125,206
Term of patent 3½ years
(Cl. D48—27)



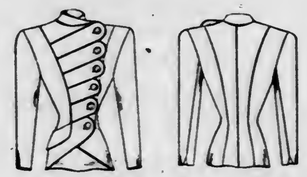
The ornamental design for a lighter, substantially as shown.

148,844
DESIGN FOR A LIGHTER
Alfredo W. Doux, New York, N. Y., assignor to Snap-Lite Corporation, New York, N. Y., a corporation of New York
Application December 29, 1945, Serial No. 125,207
Term of patent 3½ years
(Cl. D48—27)



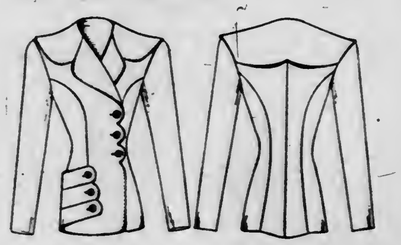
The ornamental design for a lighter, substantially as shown.

148,845
DESIGN FOR A JACKET
Nathan Finkelstein, New York, N. Y.
Application July 30, 1947, Serial No. 140,628
Term of patent 3½ years
(Cl. D3—4)



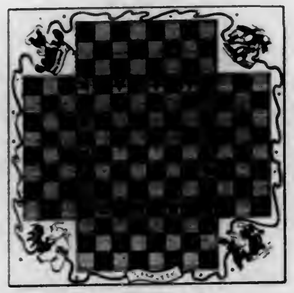
The ornamental design for a jacket, substantially as shown.

148,846
DESIGN FOR A JACKET
Nathan Finkelstein, New York, N. Y.
Application July 30, 1947, Serial No. 140,629
Term of patent 3½ years
(Cl. D3—4)



The ornamental design for a jacket, substantially as shown.

148,847
DESIGN FOR A GAME BOARD
Harvey M. Fisher and Milton A. Barnett, St. Louis, Mo.
Application November 6, 1946, Serial No. 134,558
Term of patent 3½ years
(Cl. D34—5)



The ornamental design for a game board, as shown and described.

148,848
DESIGN FOR A SCOOTER
Zvi Gezari, New York, N. Y.
Application October 19, 1946, Serial No. 134,082
Term of patent 7 years
(Cl. D34—15)



The ornamental design for a scooter, substantially as shown and described.

148,849
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Beatrice Glass, New York, N. Y.
Application February 18, 1947, Serial No. 136,976
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

148,850
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Beatrice Glass, New York, N. Y.
Application February 18, 1947, Serial No. 136,977
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

148,851
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Beatrice Glass, New York, N. Y.
Application February 18, 1947, Serial No. 136,978
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

148,852
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Beatrice Glass, New York, N. Y.
Application February 18, 1947, Serial No. 136,979
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

148,853
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Beatrice Glass, New York, N. Y.
Application February 18, 1947, Serial No. 136,981
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

148,854
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Beatrice Glass, New York, N. Y.
Application February 20, 1947, Serial No. 137,043
Term of patent 3½ years
(Cl. D45—19)



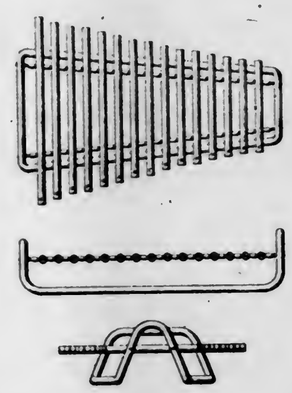
The ornamental design for a brooch or similar article, substantially as shown.

148,855
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Beatrice Glass, New York, N. Y.
Application February 20, 1947, Serial No. 137,046
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

148,856
DESIGN FOR A XYLOPHONE
Ell H. Gruber, Malvern, Pa.
Application August 29, 1946, Serial No. 132,943
Term of patent 14 years
(Cl. D56—1)



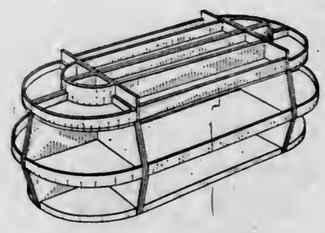
The ornamental design for a xylophone, as shown.

148,857
DESIGN FOR A DRESS
Bernard Hurwitz, New York, N. Y.
Application September 8, 1947, Serial No. 141,262
Term of patent 3½ years
(Cl. D3—26)



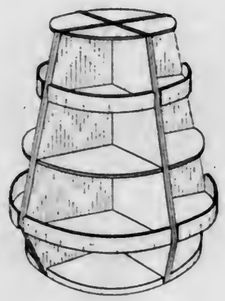
The ornamental design for a dress, substantially as shown.

148,858
DESIGN FOR A SECTIONAL DISPLAY TABLE
Neel S. Irwin, Weaverville, N. C.
Application July 26, 1946, Serial No. 131,982
Term of patent 14 years
(Cl. D80—9)



The ornamental design for a sectional display table, as shown.

148,859
DESIGN FOR A SECTIONAL DISPLAY STAND UNIT
Neel S. Irwin, Weaverville, N. C.
Application July 26, 1946, Serial No. 131,984
Term of patent 14 years
(Cl. D80—9)



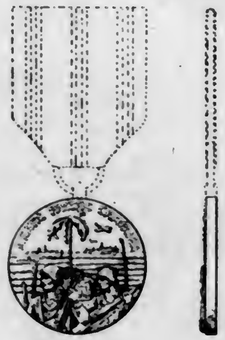
The ornamental design for a sectional display stand unit, as shown.

148,860
DESIGN FOR A MEDALLION OR SIMILAR ARTICLE
Thomas H. Jones, Washington, D. C., assignor to the United States of America, as represented by the Secretary of War
Application September 23, 1947, Serial No. 141,552
Term of patent 14 years
(Cl. D29—19)



The ornamental design for a medallion or similar article, as shown and described.

148,861
DESIGN FOR A MEDAL OR SIMILAR ARTICLE
Thomas H. Jones, Washington, D. C., assignor to the United States of America, as represented by the Secretary of War
Application September 23, 1947, Serial No. 141,553
Term of patent 14 years
(Cl. D29—19)



The ornamental design for a medal or similar article, as shown and described.

148,862
DESIGN FOR A SALT SHAKER
Vincent A. Kasin, Hollywood, Calif.
Application February 18, 1947, Serial No. 137,000
Term of patent 14 years
(Cl. D44—22)



The ornamental design for a salt shaker, substantially as shown.

148,863
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 5, 1947, Serial No. 136,682
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown.

148,864
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 5, 1947, Serial No. 136,684
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

148,865
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 5, 1947, Serial No. 136,686
Term of patent 7 years
(Cl. D45—4)



The ornamental design for a bracelet or similar article, substantially as shown.

148,866
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 5, 1947, Serial No. 136,687
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

148,867
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 5, 1947, Serial No. 136,689
Term of patent 7 years
(Cl. D45—4)

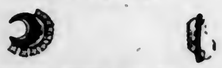
The ornamental design for a bracelet or similar article, substantially as shown.

148,868
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 5, 1947, Serial No. 136,690
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

148,869
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 6, 1947, Serial No. 136,736
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

148,870
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 6, 1947, Serial No. 136,738
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

148,871
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 6, 1947, Serial No. 136,739
Term of patent 7 years
(Cl. D45—9)



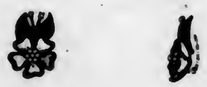
The ornamental design for an earring or similar article, substantially as shown.

148,872
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 6, 1947, Serial No. 136,742
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

148,873
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 6, 1947, Serial No. 136,744
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

148,874
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 6, 1947, Serial No. 136,746
Term of patent 7 years
(Cl. D45—9)

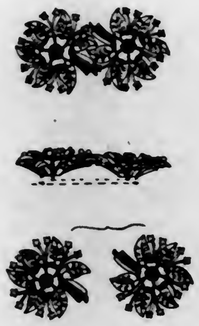
The ornamental design for an earring or similar article, substantially as shown.

148,875
DESIGN FOR A SEPARABLE BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 11, 1947, Serial No. 136,838
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a separable brooch or similar article, substantially as shown.

148,876
DESIGN FOR A SEPARABLE BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 18, 1947, Serial No. 136,989
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a separable brooch or similar article, substantially as shown.

148,877
DESIGN FOR A SEPARABLE BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 13, 1947, Serial No. 137,571
Term of patent 7 years
(Cl. D45—19)



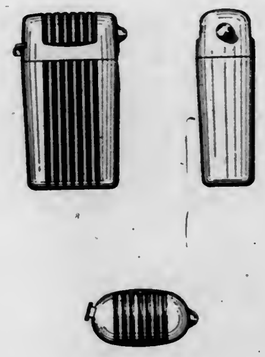
The ornamental design for a separable brooch or similar article, substantially as shown.

148,878
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 13, 1947, Serial No. 137,575
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown.

148,879
DESIGN FOR AN OVAL POCKET FLASHLIGHT
Miles J. Kelly, Waterbury, Conn., assignor to Cresaie Incorporated, Waterbury, Conn., a corporation of Connecticut
Application May 7, 1946, Serial No. 129,401
Term of patent 14 years
(Cl. D48—24)



The ornamental design for an oval pocket flashlight, as shown.

148,880
DESIGN FOR A BOTTLE
Benjamin Lewis, New York, N. Y., assignor to Lionel G. Rothschild, Dallas, Tex.
Application July 12, 1946, Serial No. 131,525
Term of patent 14 years
(Cl. D58—10)



The ornamental design for a bottle, as shown.

148,881
DESIGN FOR A SHRINE
John C. Lown, Toronto, Ontario, Canada, assignor, by mesne assignments, to Russell Adam Brown, Toronto, Ontario, Canada
Application May 20, 1947, Serial No. 139,146
Term of patent 3½ years
(Cl. D39—23)



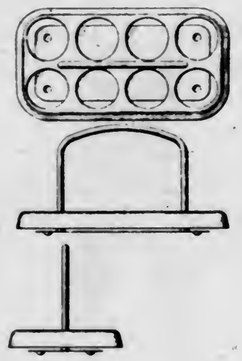
The ornamental design for a shrine, as shown and described.

148,882
DESIGN FOR A MEDAL OR SIMILAR ARTICLE OF MANUFACTURE
John F. Malley, Boston, Mass., and Lucien Ribera, New York, N. Y., assignors to Benevolent and Protective Order of Elks, United States of America, Chicago, Ill., a corporation of the District of Columbia
Application May 20, 1946, Serial No. 129,926
Term of patent 14 years
(Cl. D29—19)



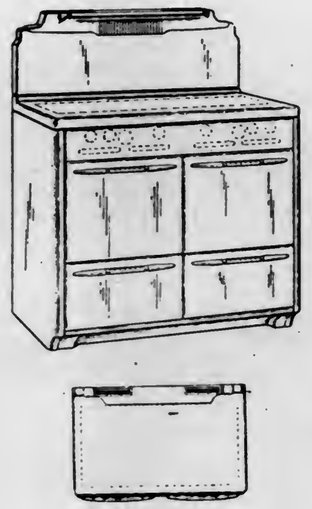
The ornamental design for a medal or similar article of manufacture, as shown.

148,883
DESIGN FOR A SERVING TRAY FOR GLASSES OR THE LIKE
William C. Panzer, Chicago, Ill.
Application May 29, 1946, Serial No. 130,230
Term of patent 14 years
(Cl. D44—10)



The ornamental design for a serving tray for glasses or the like, substantially as shown.

148,884
DESIGN FOR A COOKING RANGE
Elmer D. Pellegrin, Woodstock, Ill.
Application November 8, 1946, Serial No. 134,609
Term of patent 7 years
(Cl. D81—4)



The ornamental design for a cooking range, substantially as shown and described.

148,885
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application January 29, 1947, Serial No. 136,500
Term of patent 7 years
(Cl. D45—9)



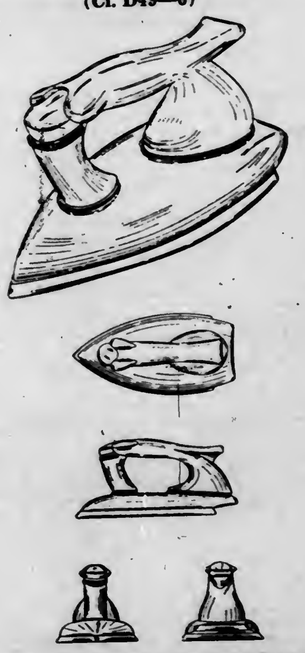
The ornamental design for an earring or similar article, substantially as shown.

148,886
DESIGN FOR A LAMP BASE
Jordan A. Post, Detroit, Mich.
Application May 3, 1946, Serial No. 129,239
Term of patent 3½ years
(Cl. D48—20)



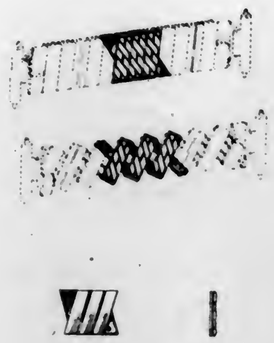
The ornamental design for a lamp base, as shown.

148,887
DESIGN FOR AN ELECTRIC IRON
Jean O. Reinecke, Oak Park, Ill., assignor to McGraw Electric Company, Elgin, Ill., a corporation of Delaware
Application June 13, 1946, Serial No. 130,671
Term of patent 14 years
(Cl. D49—6)



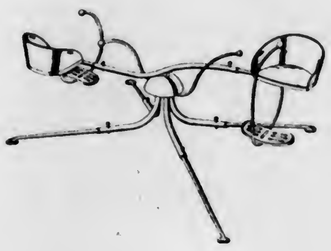
The ornamental design for an electric iron, substantially as shown and described.

148,888
DESIGN FOR AN EXPANSIBLE BRACELET
Franklin Stewart Rice, Cranston, R. I., assignor to Marvel Jewelry Mfg. Company, Providence, R. I., a corporation of Rhode Island
Application February 12, 1947, Serial No. 136,859
Term of patent 7 years
(Cl. D45—4)



The ornamental design for an expansible bracelet, as shown and described.

148,889
DESIGN FOR A MERRY-GO-ROUND
Harry Sebel, London, England
Application May 16, 1946, Serial No. 129,764
In Great Britain March 26, 1945
Term of patent 14 years
(Cl. D34—5)



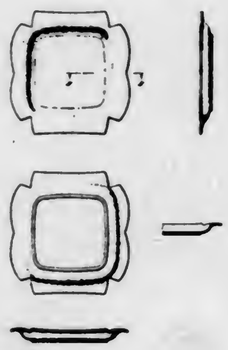
The ornamental design for a merry-go-round, as shown.

148,890
DESIGN FOR A DRESS
John F. Strassner, New York, N. Y.
Application July 15, 1947, Serial No. 140,272
Term of patent 3½ years
(Cl. D3—26)



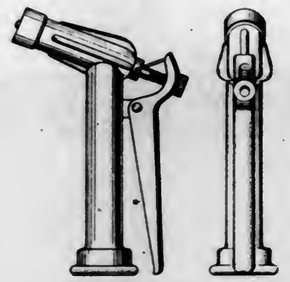
The ornamental design for a dress, substantially as shown.

148,891
DESIGN FOR A DISH
Alwin L. Suman, Sierra Madre, Calif.
Application October 12, 1946, Serial No. 133,906
Term of patent 3½ years
(Cl. D44—15)



The ornamental design for a dish, substantially as shown.

148,892
DESIGN FOR A HOSE NOZZLE
Morris Swimmer, Pittsburgh, Pa.
Application April 16, 1946, Serial No. 128,626
Term of patent 14 years
(Cl. D91—1)



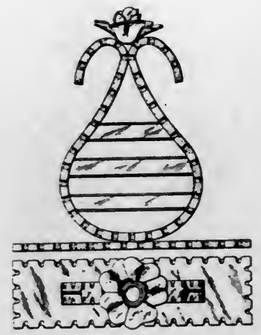
The ornamental design for a hose nozzle, as shown.

148,893
DESIGN FOR A PEDESTAL
Frank Tatar, Cincinnati, Ohio, assignor to Berwyn Lamp & Shade Manufacturing Co., Cincinnati, Ohio, a corporation of Ohio
Application April 24, 1947, Serial No. 138,579
Term of patent 3½ years
(Cl. D29—23)



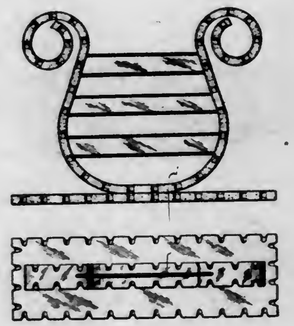
The ornamental design for a pedestal, as shown and described.

148,894
DESIGN FOR AN EARRING RACK
Portia L. Trenholm, Montgomery, Ala.
Application December 6, 1946, Serial No. 135,302
Term of patent 7 years
(Cl. D80—9)



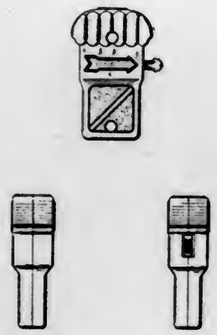
The ornamental design for an earring rack, as shown.

148,895
DESIGN FOR AN EARRING RACK
Portia L. Trenholm, Montgomery, Ala.
Application December 6, 1946, Serial No. 135,303
Term of patent 7 years
(Cl. D80—9)



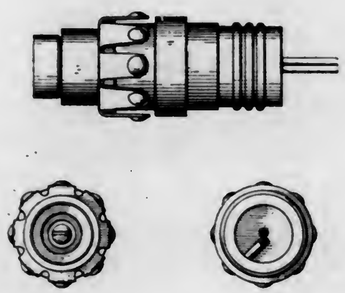
The ornamental design for an earring rack, as shown.

148,896
DESIGN FOR AN ELECTRIC PLUG
Solomon Turk, Brooklyn, N. Y.
Application November 29, 1946, Serial No. 135,175
Term of patent 7 years
(Cl. D26—1)



The ornamental design for an electric plug, as shown and described.

148,897
DESIGN FOR AN ELECTRICAL CONNECTION PLUG
Vincent S. Ward and Gordon K. Hurlbut, Binghamton, N. Y., assignors to B. M. C. Manufacturing Corp., Binghamton, N. Y., a corporation of New York
Application January 21, 1947, Serial No. 136,272
Term of patent 14 years
(Cl. D26—1)



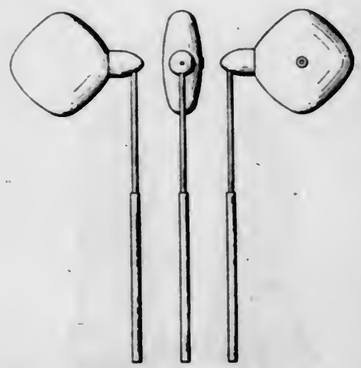
The ornamental design for an electrical connection plug, substantially as shown.

148,898
DESIGN FOR A WALLPAPER BORDER OR SIMILAR ARTICLE
Ada Westrate, Chicago, Ill., assignor to The Meyercord Co., Chicago, Ill., a corporation of Illinois
Application April 4, 1946, Serial No. 128,255
Term of patent 3½ years
(Cl. D59—10)



The ornamental design for a wallpaper border or similar article, as shown.

148,899
DESIGN FOR A PORTABLE ATOMIZER
Henry Charles Yaeger, Ridgewood, N. J., assignor to Grand Products, Inc., New York, N. Y., a corporation of New York
Application May 29, 1946, Serial No. 130,206
Term of patent 3½ years
(Cl. D83—1)



The ornamental design for a portable atomizer, as shown.

148,900
DESIGN FOR A TEAPOT OR THE LIKE
Eva S. Zeisel, New York, N. Y., assignor to Castleton China, Incorporated, New York, N. Y., a corporation of New York
Application April 17, 1946, Serial No. 128,706
Term of patent 14 years
(Cl. D44—26)



The ornamental design for a teapot or the like, as shown.

608 O. G.—14

148,901
DESIGN FOR A COFFEEPOT OR THE LIKE
Eva S. Zeisel, New York, N. Y., assignor to Castleton China, Incorporated, New York, N. Y., a corporation of New York
Application April 17, 1946, Serial No. 128,707
Term of patent 14 years
(Cl. D44—26)



The ornamental design for a coffeepot or the like, as shown.

148,900
DESIGN FOR A TEAPOT OR THE LIKE
Eva S. Zeisel, New York, N. Y., assignor to Castleton China, Incorporated, New York, N. Y., a corporation of New York
Application April 17, 1946, Serial No. 128,706
Term of patent 14 years
(Cl. D44—26)



The ornamental design for a teapot or the like, as shown.

608 O. G.—14

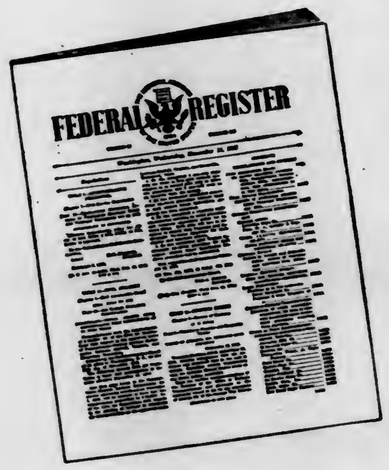
148,901
DESIGN FOR A COFFEEPOT OR THE LIKE
Eva S. Zeisel, New York, N. Y., assignor to Castleton China, Incorporated, New York, N. Y., a corporation of New York
Application April 17, 1946, Serial No. 128,707
Term of patent 14 years
(Cl. D44—26)



The ornamental design for a coffeepot or the like, as shown.

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Official Gazette

UNITED STATES PATENT OFFICE

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U. S. Patent Office

LAWRENCE C. KINGSLAND, *Commissioner*

PUBLISHED WEEKLY BY AUTHORITY OF CONGRESS

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Trade-Marks	241—No.	437,077	to No.	437,317, inclusive
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T. M. Renewals	93			
Reissues	4—No.	22,980	to No.	22,983, inclusive
Plant Patents	2—No.	787	to No.	788, inclusive
Patents	433—No.	2,437,235	to No.	2,437,667, inclusive
Designs	69—No.	148,902	to No.	148,970, inclusive
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Patents expiring: Patent Numbers 1,795,284 to 1,796,274, inclusive, issued March 10, 1931, expire March 9, 1948

Condition of Applications Under Examination at Close of Business Feb. 20, 1948

(Total number of applications awaiting action, excluding Trade-Mark Division, 152,883; Trade-Mark Division, 32,474. Oldest new case, Mar. 4, 1946; oldest amended, Feb. 4, 1946.)

DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application awaiting office action	Oldest amended application awaiting office action	Applications awaiting action
1. GOLDBERG, A. J., Food Apparatus; Closure Operators; Fences; Gates; Planters; Plows; Harrows and Diggers; Plant Husbandry; Scattering Unloaders; Baths, Closets, Sinks, and Spittoons; Sewerage.	May 24	June 10	3,616
2. HERRMANN, D., Fishing, Trapping and Vermin Destroying; Bee Culture; Dairy; Animal Husbandry; Presses; Tobacco; Textile Wringers; Butchering.	Apr. 19	Mar. 13	4,031
3. MARMELSTEIN, N., Metal Founding and Treatment; Metallurgy (Process and Apparatus)	May 9	Nov. 27	1,534
4. BISHOP, WALTER C., Conveyors; Hoists; Handling Apparatus; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Package and Article Carriers; Pneumatic Dispatch; Store Service; Mining, Quarrying, and Ice Harvesting.	July 10	June 15	4,072
5. ROBINSON, C. W., Harvesters; Acoustics; Sound Recording; Knotters	Mar. 4	Mar. 11	1,885
6. SURLE, H., Carbon Chemistry (part)	†Apr. 26	†Feb. 12	1,836
7. HANLIN, GEORGE, Optics; Photographic Apparatus	†Apr. 21	†Jan. 24	1,826
8. IMUS, A. E., Furniture; Racks and Cabinets	May 16	May 13	4,033
9. BENSON, R. B., Pumps and Fans; Fluid and Fluid-Current Motors	July 18	Apr. 11	2,372
10. ANDRUS, L. M., Radiant Energy (part, e. g., Portable Radio Sets, Radio Accessories, Detectors, Oscillation Generators, Wave Meters, Tuners); Music; Modulators; Piezo-electric Crystals.	†Apr. 7	Sept. 26	1,347
11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus.	†May 26	†June 2	834
12. SPINTMAN, S., Machine Elements (part); Engine Starters; Motor Control with Clutch or Brake; Transmission with Clutch or Brake.	†May 6	June 15	2,001
13. BEALL, T. E., Gear Cutting, Milling, Planing, Metal Working (part); Needle and Pin Making; Turning	May 1	Apr. 11	2,475
14. FREEHOF, H. B., Metal Working (Bending; Sheet-Metal; Wire; Misc. Processes); Wire Fabrics; Farriery	†Mar. 17	†Jan. 18	1,184
15. HENKIN, B., Plastics; Plastic Block and Earthenware Apparatus; Glass	Oct. 9	Mar. 28	1,965
16. LOVEWELL, N. N., Telegraphy; Telephony	†May 8	Oct. 11	1,862
17. HABECKER, LEON B., Paper Manufactures; Typewriters; Printing; Type Casting and Setting; Sheet Material Associating or Folding; Sheet or Web Feeding.	Sept. 21	May 9	1,829
18. KURZ, J. A., Motors, Expansible-Chamber Type; Power Plants; Speed Responsive Devices; Rotary Internal-Combustion Engines.	Aug. 26	Apr. 12	1,729
19. PATRICK, P. L., Liquid and Gaseous Fuel Burners; Stoves and Furnaces	Aug. 16	July 17	1,922
20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Undertaking; Bread, Pastry, and Confection Making; Bank Protection; Safes; Tents, Canopies, Umbrellas and Canes.	June 11	July 6	2,096
21. MADER, R. C., Textiles	†Apr. 12	†Jan. 2	1,183
22. CARPENTER, B. H., Aeronautics; Firearms; Ordnance	Aug. 26	July 6	1,894
23. LEWIS, J. B., Cash Registers; Calculators and Counters; Education	June 25	Apr. 26	1,310
24. LUSBY, CHARLES, Apparel; Apparel Apparatus; Sewing Machines	†Apr. 25	†May 1	1,857
25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Distillation.	†Jan. 31	June 14	1,721
26. YOUNG, R. R., Electricity—Generation and Motive Power	†Feb. 3	June 10	1,525
27. JAMES, S., Brushing, Scrubbing; Fluid Treatment of Textiles (Apparatus); Liquid Treatment of Solids; General Cleaning; Ironing; Brush, Broom and Mop Making.	Dec. 12	Aug. 23	3,037
28. SOLYOM, H. L., Heating; Metallurgical Apparatus; Internal-Combustion Engines (part); Cylinders; Pistons	†Aug. 8	Sept. 13	1,212
29. SHKLARIN, J. B., Baggage; Cloth, Leather, and Rubber Receptacles; Button Making; Woodworking; Tools	Oct. 10	June 5	2,937
30. BISHOFF, A., Automatic Temperature and Humidity Regulation; Illumination; Thermostats and Humidostats; Heating Systems; Ammunition and Explosive Devices.	†Feb. 14	Aug. 2	2,394
31. DUNCOMBE, C. S., Mineral Oils; Carbocyclic or Acyclic Carbon Compounds (part)—e. g., Ketones, Aldehydes, Ethers, Hydroxy Compounds, Hydrocarbons, Halogenated Hydrocarbons.	†May 16	†Apr. 23	2,129
32. LESH, KARL R., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation; Agitating; Wells; Earth Boring.	Apr. 6	Apr. 26	2,887
33. KAUFFMAN, H. E., Bridges; Hydraulic and Earth Engineering; Building Structures; Roads and Pavements	May 14	Apr. 17	3,473
34. SAPERSTEIN, S., Electricity—Transmission to Vehicles; Railways; Track Sanders; Signals and Indicators	June 3	Apr. 3	1,346
35. BROMLEY, E. D., Card and Sign Exhibiting; Dispensing; Filling and Closing Portable Receptacles; Ammunition and Explosive Charge Making.	Aug. 19	June 24	2,846
36. McFADYEN, A. D., Automatic Weighers; Measuring and Testing; Force Measuring	Apr. 12	Apr. 12	2,022
37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	†Apr. 7	Sept. 11	1,522
38. ARNOLD, D., Coating Processes and Apparatus; Coating or Plastic Compositions (part); Rubber	Oct. 10	Sept. 12	1,697
39. WHITNEY, F. I., Fluid-Pressure Regulators; Valves; Water Distribution	Apr. 13	Mar. 30	2,843
40. DRUMMOND, E. J., Receptacles (part); Packages	†Feb. 3	Aug. 12	3,024
41. HERTZ, M., Recorders; Check-controlled Apparatus; Coin Handling; Article Dispensing Cabinets; Deposit Receptacles; Buckles, Buttons, Clasps.	Apr. 15	Mar. 6	2,719
42. MARANS, H., Electric Signaling; Variable Transformer and Reactor Structure; Electricity, Voltage Magnitude and Phase Control Systems.	†Apr. 25	†June 10	877
43. STONE, I. G., Medicines, Poisons and Cosmetics; Explosive Compositions; Sugar and Starch; Bleaching and Dyeing; Fluid Treatment of Textiles; Hides, Skins and Leathers.	†May 13	†Apr. 24	1,483
44. HARVEY, L. P., Refrigeration; Preserving	Mar. 23	Apr. 18	1,303
45. MANTER, W. B., Shafting and Flexible Shaft Couplings; Wheels, Tires, Axles and Wheel Substitutes; Lubrication; Bearings and Guides; Belt and Sprocket Gearing; Spring Devices; Land Vehicles (part); Spring, Weight and Horsepower Motors.	June 6	Apr. 25	2,827
46. MUSHAKE, W. I., Concentrating Evaporators; Fluid Sprinkling, Spraying and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers; Kitchen and Table Articles.	Aug. 2	June 4	1,850

NOTE.—The dates given are 1946 except where † indicates 1947.

(Total number of applications awaiting action, excluding Trade-Mark Division, 152,883; Trade-Mark Division, 32,474. Oldest new case, Mar. 4, 1946; oldest amended, Feb. 4, 1946.)

DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application awaiting office action: New	Oldest new application awaiting office action: Amended	Applications awaiting action
47. KANOF, WM. J., Motor Vehicles; Land Vehicles (part); Fluid Pressure Brakes	†Mar. 17	Nov. 2	1,944
48. BERNSTEIN, S., Electricity, General Applications; Electric Igniters	Aug. 17	June 28	1,576
49. SHEFFIELD, E. L., Drying and Gas or Vapor Contact with Solids; Ventilation; Liquid Separation or Purification.	†Jan. 24	July 11	1,649
50. LEVIN, SAMUEL, Synthetic Resins	†May 1	Oct. 24	2,367
51. FRIEDMAN, M. H., Radiant Energy (part, e. g., Radio Transmission and Reception, Transmitters, Receivers, Antennae); Radiant Energy Communications.	†Mar. 20	Sept. 9	1,870
52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Pipes and Tubular Conduits.	†Jan. 21	July 25	3,881
53. BRINDISI, M. V., Label Pasting and Paper Hanging; Book Making; Manifolding; Printed Matter; Stationery; Paper Files and Binders; Cutlery; Closures, Partitions and Panels, Flexible and Portable.	July 18	Mar. 3	3,618
54. STRACHAN, O. W., Electric Lamp and Discharge Devices, Systems, Structure, Manufacture and Repair; Light Sensitive Circuits; Ray Energy Applications.	†Apr. 10	Nov. 6	1,895
55. BOWEN, S. T., Artificial Body Members; Dentistry; Surgery; Toilet	†Feb. 5	Apr. 5	1,833
56. COCKERILL, S., Electrical and Wave Energy Chemistry; Paper Making; Acetylene; Gas Mixing	†Apr. 11	†Mar. 12	1,153
57. NICOLSON, G. D., Toys; Amusement and Exercising Devices; Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks.	June 28	May 1	3,563
58. DOWELL, E. F., Abrading; Bottles and Jars; Stone Working; Making Metal Tools and Implements	†Feb. 13	Sept. 14	1,350
59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Heterocyclic Compounds (part).	July 12	May 10	2,104
60. GLASS, R. L., Electricity—Heating; Welding; Furnaces; Battery Charging and Discharging; Consumable Electrode Lamp and Discharge Devices; Resistances and Rheostats; Prime Mover Dynamo Plants.	†May 8	Oct. 28	1,493
61. LANNAN, J., Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery; Boats, Buoys, Ships and Marine Propulsion.	Aug. 7	May 9	3,200
62. PUGH, E. C., Games; Tables; Mechanical Guns and Projectors	Oct. 18	May 29	1,570
63. WINKELSTEIN, A. H., Fermentation; Foods and Beverages; Heterocyclic Compounds (part); Oils and Fats.	†Mar. 28	†Feb. 5	1,510
64. NASH, P. M., Compositions—Coating or Plastic (part); Fuel and Miscellaneous	†June 25	†June 23	1,838
65. McDERMOTT, F. P., Batteries; Electrical Conductors, Conduits, Insulators and Connectors	†June 6	Dec. 4	1,120
66. LISANN, I., Geometrical Instruments	Apr. 19	Feb. 4	2,258
67. KRAFFT, C. F., Laminated Fabrics; Photographic Processes and Products; Ornamentation	Aug. 27	June 19	2,042
68. BERMAN, H., Brakes, Boring and Drilling; Clutches and Power Stop Control	†Mar. 12	Oct. 21	1,603
69. GALVIN, D. J., Electricity—Wave Transmission, Repeaters and Relays (e. g., Amplifiers), Galvanometers and Meters.	Oct. 17	May 10	999
TRADE-MARKS: MERCHANT, J. H	†July 5	†Aug. 15	32,474
DESIGNS: BREHM, G. L	July 8	†Sept. 13	8,060

NOTE.—The dates given are 1946 except where † indicates 1947.

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

Abbott Laboratories, North Chicago, Ill. Orally administrable tablets. Serial No. 531,573, Mar. 9. Class 6.

Accurate Menu Service: *See*—
Lewis, Gilbert L.

Acet-A-Tips Company, Chicago, Ill. Tips for acetylene torches. Serial No. 518,060, Mar. 9. Class 34.

Affiliated Retailers, Inc., New York, N. Y. Tires. Serial No. 520,315, Mar. 9. Class 35.

Air Conditioning & Refrigerating Machinery Association, Inc., Washington, D. C. Periodical publication. Serial No. 524,643, Mar. 9. Class 38.

Air-Master Window Co., Hartford, Conn. Windows. Serial No. 533,969, Mar. 9. Class 12.

American Breddo Corp., New York, N. Y. Food material. Serial No. 521,494, Mar. 9. Class 46.

American Cyanamid Company, New York, N. Y. Vermifuge. Serial No. 533,691, Mar. 9. Class 6.

American Cyanamid Company, New York, N. Y. Chlorinated camphene. Serial No. 535,365, Mar. 9. Class 6.

American Cyanamid Company, New York, N. Y. Antispasmodic preparations. Serial No. 537,646, Mar. 9. Class 6.

Ariston, Incorporated, New York, N. Y. Ribbons. Serial No. 508,460, Mar. 9. Class 42.

Armer, Rutter, Fresno, Calif. Butter cutting and dispensing machines. Serial No. 514,165, Mar. 9. Class 23.

Armour and Company, Chicago, Ill. Estrogenic hormone compositions. Serial No. 527,776, Mar. 9. Class 6.

Arnaud Coffee Corporation, New Orleans, La. Black pepper. Serial No. 530,709. Mar. 9. Class 46.

Arnold, Hoffman & Co. Incorporated, Providence, R. I. Coloring products. Serial No. 520,545, Mar. 9. Class 6.

Atlantic Spice Company, The: *See*—
Bird, John, Company.

Automatic Switch Company, New York, N. Y. Automatic electrical switches, magnet and solenoid operated switches and relays. Serial No. 527,256, Mar. 9. Class 21.

Avon Sole Company, Avon, Mass. Shoe soles. Serial No. 529,545, Mar. 9. Class 39.

Badger Bearing Co., Milwaukee, Wis. Ball bearings, roller bearings, ball and roller bearing pillow blocks, etc. Serial No. 520,253, Mar. 9. Class 23.

Baer American Window Company, The, Cleveland, Ohio. Windows. Serial No. 509,817, Mar. 9. Class 12.

Baer, F. S., Co.: *See*—
Baer, Fritz S.

Baer, Fritz S., doing business as F. S. Baer Co., Los Angeles, Calif. Cigars. Serial No. 507,877, Mar. 9. Class 17.

Barbutt's Plasticine Limited, Bathamton, near Bath, England. Modeling paste. Serial No. 522,184, Mar. 9. Class 1.

Baskook Company: *See*—
Segelke, Hazel J.

Beaumont Iron Works Company, Beaumont, Tex. Finished castings and wellheads, tubing heads, casing heads, etc. Serial No. 507,789, Mar. 9. Class 23.

Beaver Products, Inc., Portland, Oreg. Wood jointer. Serial No. 518,812, Mar. 9. Class 23.

Bemis Bro. Bag Company, doing business as Bemis Machine Shop, Indianapolis, Ind. Cotton washout ink. Serial No. 513,650, Mar. 9. Class 11.

Bemis Machine Shop: *See*—
Bemis Bro. Bag Company.

Bentley, Settle & Co., Inc., Syracuse, N. Y. Canned vegetables, fruits and berries, etc. Serial No. 515,814, Mar. 9. Class 46.

Bergmann, Marco, Co., New York, N. Y. Hair ribbon bows, hair braids, hair rolls, etc. Serial No. 508,363, Mar. 9. Class 40.

Bi-Dynamic Farming and Gardening Association, Inc., Chester, N. Y. Caraway seed and coriander seed, fresh oranges, etc. Serial No. 518,870, Mar. 9. Class 46.

Bird, John, Company, doing business as The Atlantic Spice Company, Rockland, Maine. Cream of tartar, saleratus, baking soda, etc. Serial No. 482,193, Mar. 9. Class 6.

Blumenthal, Sidney, & Co., Inc., New York, N. Y. Pile fabrics in the piece. Serial No. 530,281, Mar. 9. Class 42.

Blumenthal, Sidney, & Co., Inc., New York, N. Y. Pile fabrics in the piece. Serial No. 530,292, Mar. 9. Class 42.

Bolivar Publishing Company, The, Cleveland, Ohio. Publication. Serial No. 533,126, Mar. 9. Class 38.

Brandvein & Co., Inc., New York, N. Y. Window curtains and curtain fabrics. Serial No. 509,754, Mar. 9. Class 42.

Brookside Farms Laboratory, New Knoxville, Ohio. Stock feed. Serial No. 523,304, Mar. 9. Class 46.

Burgess-Manning Company, Libertyville, Ill. Acoustically treated booths. Serial No. 528,031, Mar. 9. Class 32.

Burroughs Wellcome & Co., (U. S. A.), Inc., New York, N. Y. Fungicidal preparation. Serial No. 522,749, Mar. 9. Class 6.

Calling All Girls, Inc., New York, N. Y. Section in a monthly magazine. Serial No. 522,549, Mar. 9. Class 38.

Car-Go Co., The, Minneapolis, Minn. Children's commode stool. Serial No. 529,742, Mar. 9. Class 32.

Chemdrug Corporation, The, New York, N. Y. Essences, perfumes, lotions. Serial No. 532,275, Mar. 9. Class 6.

Chemola Manufacturing Company, Houston, Tex. Rust remover. Serial No. 525,194, Mar. 9. Class 6.

Chicago District Electric Generating Corporation, Hammond, Ind. Fly ash. Serial No. 532,802, Mar. 9. Class 12.

Ciba Limited, Basel, Switzerland, assignor to Ciba Pharmaceutical Products, Inc., Lafayette Park, Summit, N. J. Nerve and general tonic. Serial No. 525,936, Mar. 9. Class 6.

Ciba Pharmaceutical Products, Inc., assignee: *See*—
Ciba Limited.

Clark, Lewis N., doing business as Clark Manufacturing Company, Orange, Va. Pencil sharpeners. Serial No. 511,006, Mar. 9. Class 37.

Clark Manufacturing Company: *See*—
Clark, Lewis N.

Clark, Victor R., doing business as Victor R. Clark Belting Company, Chicago, Ill. Round, V, and flat leather belting. Serial No. 531,649, Mar. 9. Class 35.

Clark, Victor R., doing busines as Victor R. Clark Belting Company, Chicago, Ill. Round leather belting and rubberized belting. Serial No. 531,651, Mar. 9. Class 35.

Clark, Victor R., Belting Company: *See*—
Clark, Victor R.

Clifton Chemical Co., Inc., New York, N. Y. Liquid shampoo. Serial No. 506,094, Mar. 9. Class 6.

Clifton Manufacturing Company, Clifton, S. C. Cotton piece goods. Serial No. 528,026, Mar. 9. Class 42.

Cohen, Joseph H., & Sons, Inc., New York, N. Y. Men's clothing. Serial No. 501,637, Mar. 9. Class 39.

Collins, Austin T., doing business as Miracle Lubricating Company, assignor to Miracle Lubricating Company, Detroit, Mich. Lubricating oils and greases and lubricants. Serial No. 479,464, Mar. 9. Class 15.

Columbian Rope Company, Auburn, N. Y. Molding material. Serial No. 508,836, Mar. 9. Class 1.

Commercial Lining Paper Company: *See*—
Glueck, Sidney I.

Compass Record Company, Inc., New York, N. Y. Phonographic mechanically grooved phonograph records, albums. Serial No. 518,558, Mar. 9. Class 36.

Corsets Silhouette Limited, London, England. Corsets. Serial No. 517,974, Mar. 9. Class 39.

Cross Company, The, Detroit, Mich. Drilling machines, milling machines, boring machines, etc. Serial No. 515,819, Mar. 9. Class 23.

Crown Fabrics Corporation, New York, N. Y. Dress fabrics in the piece. Serial No. 511,008, Mar. 9. Class 42.

Crown Zellerbach Corporation, also doing business as Western Waxed Paper Co., San Francisco and Oakland, Calif. Waxed paper. Serial No. 486,839, Mar. 9. Class 37.

Cunningham, Thomas S., Kilmarnock, Scotland. Men's and women's knitted jumpers, cardigans, and three piece suits. Serial No. 505,337. Mar. 9. Class 39.

D. D. D. Corporation, Batavia, Ill. Toilet soap. Serial No. 527,096, Mar. 9. Class 4.

Dana, Robert B., Clayton, Mo. Syndicated newspaper feature column. Serial No. 532,912. Mar. 9. Class 38.

Davis, R. Bernard, Okmulgee, Okla. Publications. Serial No. 511,382, Mar. 9. Class 38.

Dear Publication & Radio, Inc., Jersey City, N. J. Periodical news column. Serial No. 517,120, Mar. 9. Class 38.

Dee, Audrey M., doing business as Audrey Dee Company, Los Angeles, Calif. Shoulder pads in the nature of garment findings. Serial No. 523,247, Mar. 9. Class 40.

Dee, Audrey, Company: *See*—
Dee, Audrey M.

Dermatological Prescription Laboratories, Inc., San Francisco, Calif. Ointment base. Serial No. 505,187, Mar. 9. Class 6.

De St. Dalmas, A., & Co., Ltd., Leicester, England. Medicated plasters. Serial No. 515,060. Mar. 9. Class 6.

Dieselite Engineering Co., Chicago, Ill. Diesel motor generators. Serial No. 515,943, Mar. 9. Class 21.

Dominion Magnesium Limited, Haley Station, Ontario, Canada. Magnesium and calcium metals and their alloys. Serial No. 509,567, Mar. 9. Class 14.

Dynamatic Corporation, Kenosha, Wis. Electric drives. Serial No. 527,432, Mar. 9. Class 21.

Dynamatic Corporation, Kenosha, Wis. Electrical governors. Serial No. 527,435, Mar. 9. Class 21.

Dynamatic Corporation, Kenosha, Wis. Electric motors. Serial No. 527,444, Mar. 9. Class 21.

Eagle-Ottawa Leather Company, Grand Haven, Mich. Leather. Serial No. 522,831, Mar. 9. Class 1.

Eagle Wholesale Drug Company, Lafayette, La. Food flavoring extracts and spices. Serial No. 508,987, Mar. 9. Class 46.
Endo Products, Inc., Richmond Hill, N. Y. Medicine. Serial No. 532,817, Mar. 9. Class 6.
Engelke, William J. H., doing business as Pan American Fireworks Company, Fort Worth, Tex. Fireworks. Serial No. 512,282, Mar. 9. Class 9.
Englehart Manufacturing Company, Davenport, Iowa. Hammer mills, and garden tractors. Serial No. 509,643, Mar. 9. Class 23.
English, Helen, Inc., Rochester, N. Y. Cosmetics. Serial No. 501,963, Mar. 9. Class 6.
Essary, Nettie, Big Spring, Tex. Liniment. Serial No. 511,055, Mar. 9. Class 6.
Ewald Iron Company, Louisville, Ky. Rolled and hammered iron bars and rods. Serial No. 519,573–5, Mar. 9. Class 14.
Fabcrete Corporation, Richmond, Va. Building units. Serial No. 520,892, Mar. 9. Class 12.
Factor, Max, & Co., Los Angeles, Calif. Powder foundation cream, solidified cream, lip gloss, etc. Serial No. 503,196, Mar. 9. Class 6.
Fanning, Warren H., Valois, N. Y. Lotion. Serial No. 531,656, Mar. 9. Class 6.
Finer-Weinberg, Inc., Boston, Mass. Teen-age dresses and children's suits. Serial No. 498,613, Mar. 9. Class 39.
Fischer, Chas., Spring Company, The, Brooklyn, N. Y. Brassière wires and wire foundations. Serial No. 516,174, Mar. 9. Class 40.
Fouch, James L., doing business as Universal Microphone Company, Inglewood, Calif. Bulletin. Serial No. 529,452, Mar. 9. Class 38.
Frederics, E., Inc., Long Island City, N. Y. Waveset and toilet preparation. Serial No. 509,933, Mar. 9. Class 6.
Friedley-Voshardt Company, Chicago, Ill. Electric dishwashers. Serial No. 538,584, Mar. 9. Class 21.
Garay & Co., Inc., New York, N. Y. Handbags. Serial No. 517,989, Mar. 9. Class 3.
Gates Rubber Company, The, Denver, Colo. Power transmission belts. Serial No. 532,287, Mar. 9. Class 35.
Gerber, Joseph R., assignor to Gerber Legendary Blades, Portland, Oreg. Carving knives. Serial No. 501,971, Mar. 9. Class 23.
Gerber Legendary Blades, assignee: *See*—
Gerber, Joseph R.
Gibson, Dorothy, Perfumes Corp., New York, N. Y. Perfume. Serial No. 532,444, Mar. 9. Class 6.
Gillen, J. L., Company, Dowagaic, Mich. Hot water heaters and furnaces. Serial No. 514,811, Mar. 9. Class 34.
Glamour Apparel: *See*—
Lewin, Joseph.
Glidden Company, The, Cleveland, Ohio. Herbicides. Serial No. 522,742, Mar. 9. Class 6.
Glueck, Sidney I., doing business as Commercial Lining Paper Company, Cleveland, Ohio. Plain and ornamental book lining paper. Serial No. 527,535, Mar. 9. Class 37.
Gold Medal Yarn Company, New York, N. Y. Knitting yarns. Serial No. 532,586, Mar. 9. Class 43.
Goodall-Sanford, Inc., Sanford, Maine. Woolen fleece fabrics. Serial No. 522,094, Mar. 9. Class 42.
Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Coated clothes line. Serial No. 509,982, Mar. 9. Class 7.
Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Flexible impervious upholstery covers. Serial No. 511,812, Mar. 9. Class 32.
Goungo, Patrick J., doing business as Trail-Train Barbecue and Cabin Service Company, Washington, D. C. Barbecue cooking equipment. Serial No. 499,224, Mar. 9. Class 34.
Graton & Knight Company, Worcester, Mass., and elsewhere. Leather belting. Serial No. 517,477–8, Mar. 9. Class 35.
Great American Tea Company, The, New York, N. Y. Tooth brushes. Serial No. 535,318, Mar. 9. Class 29.
Great Atlantic & Pacific Tea Company, The, New York, N. Y. Coffee. Serial No. 527,339, Mar. 9. Class 46.
Great Atlantic & Pacific Tea Company, The, New York, N. Y. Coffee. Serial No. 527,374, Mar. 9. Class 46.
Great Atlantic & Pacific Tea Company, The, New York, N. Y. Coffee. Serial No. 527,476, Mar. 9. Class 46.
Guth, Edwin F., Company, The, St. Louis, Mo. Fixtures for electric lights. Serial No. 527,021, Mar. 9. Class 21.
Guth, Edwin F., Company, St. Louis, Mo. Electrical lighting fixtures. Serial No. 527,022, Mar. 9. Class 21.
Haffenreffer & Co. Inc., Boston, Mass. Ale. Serial Nos. 523,962–3, Mar. 9. Class 48.
Halford Laboratories, Fresno, Calif. Pharmaceutical preparation. Serial No. 511,085, Mar. 9. Class 6.
Harman Corporation, The, New York, N. Y. Electronically lighted advertising signs. Serial No. 599,939, Mar. 9. Class 21.
Henson, Jno W., & Sons, Greenville, Tex. Ladies' and misses' housecoats, playsuits, and handkerchiefs. Serial No. 520,338, Mar. 9. Class 39.
Higgins, Inc., New Orleans, La. Chair seats and built-in plywood benches. Serial No. 505,201, Mar. 9. Class 32.
Hinkle, Felix, Canton, Ohio. Weekly journal. Serial No. 517,057, Mar. 9. Class 38.
Hirestra Laboratories, Inc., New York, N. Y. Skin lotion. Serial No. 534,020, Mar. 9. Class 6.
Hodgman Rubber Company, Framingham, Mass. Pneumatic mattresses. Serial No. 530,402, Mar. 9. Class 32.
Horst, E. Clemen, Co., San Francisco, Calif. Hops. Serial No. 527,460, Mar. 9. Class 1.
Hudnut, Richard, New York, N. Y. Rouge and lipstick. Serial No. 518,226, Mar. 9. Class 6.
Hunt & Winterbotham Mills, Ltd., New York, N. Y. Piece woolen goods. Serial No. 485,686, Mar. 9. Class 42.
Illinois Agricultural Association, Chicago, Ill. Insect spray, dry insecticides, liquid dip, etc. Serial No. 508,523, Mar. 9. Class 6.
Indiana Steel Products Company, The, Chicago, Ill. Permanent magnets. Serial No. 527,250, Mar. 9. Class 21.
Insoll Manufacturing Company, Chicago, Ill. Device for handling and storage of paper money. Serial No. 516,546, Mar. 9. Class 2.
International Derrick & Equipment Company, Columbus, Ohio. Cable winches, hoists, and parts thereof. Serial No. 497,390, Mar. 9. Class 23.
Jackson Manufacturing Corporation, Chicago, Ill. Necktie-racks. Serial No. 513,314, Mar. 9. Class 32.
Jefferson-Travis Corporation, assignee: *See*—
Jefferson-Travis Incorporated.
Jefferson-Travis Incorporated, assignee of Jefferson-Travis Corporation, New York, N. Y. Radio receivers, radio telephone sets, radio receiving and phonograph recording, etc. Serial No. 507,730, Mar. 9. Class 21.
Joell Manufacturing Co.: *See*—
Menschik, Murray.
Johansen Brothers Shoe Company, Inc., St. Louis, Mo. Shoes. Serial No. 539,841, Mar. 9. Class 39.
Jorgensen, Richard P., doing business as Zodiac House, Hollywood, Calif. Perfume. Serial No. 516,292, Mar. 9. Class 6.
K-R-O Company, The: *See*—
Rat Biscuit Company, The.
Kaufman Furniture Company, Inc., Minneapolis, Minn. Occasional chairs. Serial No. 517,913, Mar. 9. Class 32.
Kee Lox Manufacturing Company, Rochester, N. Y. Carbon paper. Serial No. 526,957, Mar. 9. Class 11.
Kee Lox Manufacturing Company, Rochester, N. Y. Carbon papers and typewriter ribbons. Serial Nos. 526,958–9, Mar. 9. Class 11.
Kee Lox Manufacturing Company, Rochester, N. Y. Carbon paper. Serial No. 526,960, Mar. 9. Class 11.
Kee Lox Manufacturing Company, Rochester, N. Y. Carbon papers and typewriter ribbons. Serial No. 526,963, Mar. 9. Class 11.
Kee Lox Manufacturing Company, Rochester, N. Y. Typewriter ribbons. Serial No. 526,970, Mar. 9. Class 11.
Keith, Geo. E., Company, Brockton, Mass. Shoes. Serial No. 528,352, Mar. 9. Class 39.
Kekell Company: *See*—
Kelley, Elmer T.
Kelley, Elmer T., doing business as Kekell Company, Louisville, Ky. Athletic foot remedy. Serial No. 516,419, Mar. 9. Class 6.
Kelnar, Eva J., doing business as Ave Ranlek, Chicago, Ill. Preparation for use as a nail conditioner. Serial No. 533,032, Mar. 9. Class 6.
Kenwood Laboratories, Inc., Brooklyn, N. Y. Vitamin tablets. Serial Nos. 532,027–8, Mar. 9. Class 6.
Kozy Manufacturing Company, Exira, Iowa. Houses, garages, hen houses, etc. Serial No. 513,432, Mar. 9. Class 12.
Laminated Plastics, Inc., East Cleveland, Ohio. Partly prepared materials formed by subjecting reinforcing material. Serial No. 521,338, Mar. 9. Class 1.
Lander Co., Inc., The, New York, N. Y. Body powder, toilet water, perfume, etc. Serial No. 518,837, Mar. 9. Class 6.
Lander Co., Inc., The, New York, N. Y. Body powder, bath crystals, perfume, etc. Serial No. 518,839, Mar. 9. Class 6.
Laros Textiles Company, Bethlehem, Pa. Underwear. Serial No. 519,401, Mar. 9. Class 39.
Lehigh Portland Cement Company, Allentown, Pa. Portland cement. Serial No. 528,211, Mar. 9. Class 12.
Lektrolite Corporation, New York, N. Y. Fuel for lighters. Serial No. 526,261, Mar. 9. Class 6.
Lelong, Lucien, Inc., Chicago, Ill. Soap. Serial No. 530,226, Mar. 9. Class 4.
Lelong, Lucien, Inc., Chicago, Ill. Soap. Serial No. 534,157, Mar. 9. Class 4.
Lewin, Joseph, doing business as Glamour Apparel, New York, N. Y. Women's blouses, dresses and scarfs. Serial No. 516,296, Mar. 9. Class 39.
Lewis, Gilbert L., doing business as Accurate Menu Service, Kansas City, Mo. Clip-on cards. Serial No. 522,617, Mar. 9. Class 38.
Lewittes & Sons, New York, N. Y. Demountable upholstered furniture. Serial No. 530,011, Mar. 9. Class 32.
Lincoln Engineering Company, St. Louis, Mo. Portable lubricant-dispensing apparatus. Serial No. 505,503, Mar. 9. Class 23.
Linen Thread Co., Inc., The, New York, N. Y. Thread. Serial No. 539,422, Mar. 9. Class 43.
Lowery, Mary E., Richmond, Va. Cream preparation. Serial No. 530,534, Mar. 9. Class 6.

Magor Car Corporation, New York, N. Y. Shovels, scoops, and spades. Serial No. 519,879, Mar. 9. Class 23.
Magor Car Corporation, New York, N. Y., and Passaic, N. J. Shovels, scoops, and spades. Serial No. 519,882, Mar. 9. Class 23.
Maltex Company, Burlington, Vt. Breakfast cereal. Serial No. 516,990, Mar. 9. Class 46.
Mama Cookie Bakeries, Inc., Chicago, Ill. Cookies. Serial No. 486,795, Mar. 9. Class 46.
Markwell Mfg. Co., Inc., New York, N. Y. Stapling machines. Serial No. 518,020, Mar. 9. Class 23.
Massillon Refractories Company, The, Tuscarawas, Ohio. Fire brick, refractory shapes, ceramic laying mixtures, etc. Serial No. 528,126, Mar. 9. Class 12.
Master Builders Company, The, Cleveland, Ohio. Material to be applied to fresh concrete floors and the like. Serial No. 532,397, Mar. 9. Class 12.
Mayflower Manufacturing Company, Mineral Wells, Tex. Rubbing alcohol. Serial No. 495,395, Mar. 9. Class 6.
McFeely Brick Company, Latrobe, Pa. Mortar. Serial No. 515,774, Mar. 9. Class 12.
Meier & Frank Company, Inc., Portland, Oreg. Men's suits. Serial No. 529,288, Mar. 9. Class 39.
Menschik, Murray, doing business as Joell Manufacturing Co., Brooklyn, N. Y. Change and bill purse. Serial No. 538,942, Mar. 9. Class 3.
Minton, Mainzer, Co., Inc., New York, N. Y. Textile fabrics in the piece. Serial No. 534,796, Mar. 9. Class 42.
Miracle Lubricating Company: *See*—
Collins, Austin T.
Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Rubber boots and overshoes. Serial No. 520,345, Mar. 9. Class 39.
Missouri Paint & Varnish Co., St. Louis, Mo. Liquid waterproofing material. Serial No. 532,618, Mar. 9. Class 12.
Monroe Upholstering Company, Baltimore, Md. Upholstered living room furniture. Serial No. 525,657, Mar. 9. Class 32.
Morehouse Manufacturing Company, doing business as The Shaving Powder Co., Savannah, Ga. Depilatory. Serial No. 531,930, Mar. 9. Class 6.
Moro Manufacturing Co., Inc., New York, N. Y. Women's, misses', and children's underwear. Serial No. 519,592, Mar. 9. Class 39.
Morris, Walter, Products, Inc., Philadelphia, Pa. Perfume. Serial No. 519,889, Mar. 9. Class 6.
Mutual Truck Parts Co. Inc., Chicago, Ill. Automobile jacks, transmissions, differentials, etc. Serial No. 516,302, Mar. 9. Class 23.
Naco Fertilizer Company, New York, N. Y. Insecticide and fungicide. Serial No. 519,407, Mar. 9. Class 6.
Nakat Packing Corporation, New York, N. Y. Canned salmon. Serial No. 527,598, Mar. 9. Class 46.
National Drug Company, The, Philadelphia, Pa. Solution of parenteral liver with vitamin B complex. Serial No. 511,179, Mar. 9. Class 6.
National Modes Holding Corp., New York, N. Y. Women's and misses' coats, suits, skirts, blouses, etc. Serial No. 511,828, Mar. 9. Class 39.
Nedlog Company, The, Chicago, Ill. Fruit juices, concentrates, emulsions, etc. Serial No. 519,409, Mar. 9. Class 45.
Norman, Mary, Cleveland, Ohio. Printed book-marks. Serial No. 521,085, Mar. 9. Class 38.
North American Lace Company, Inc., Philadelphia, Pa. Ruffled window curtains. Serial No. 507,415, Mar. 9. Class 42.
Northeastern Petroleum Co., Inc., Rochester, N. Y. Gear oils, track roller lubricating greases, high pressure lubricating greases. Serial No. 525,935, Mar. 9. Class 15.
Nyko, Inc., Chicago, Ill. Dental plate containers or receptacles. Serial No. 506,254, Mar. 9. Class 2.
Nytricia, Société à Responsabilité Limitée, Paris, France. Slips, pajamas, panties, etc. Serial No. 497,558, Mar. 9. Class 39.
Oakes & Company, Chicago, Ill. Motor lubricating oil and lubricating greases. Serial No. 525,385, Mar. 9. Class 15.
Ohio Oil Company, The, Findlay, Ohio. Fly sprays. Serial No. 534,806, Mar. 9. Class 6.
Orange Screen Company, Maplewood, N. J. Window screens, storm sash, metal windows, and metal doors. Serial No. 533,917, Mar. 9. Class 12.
Owens Brush Company, Toledo, Ohio. Hairbrushes. Serial No. 527,903, Mar. 9. Class 29.
Owens Brush Company, Toledo, Ohio. Toothbrushes. Serial No. 530,244, Mar. 9. Class 29.
Pacific Clay Products, Los Angeles, Calif. Straights and standard size shapes of brick and fire clay. Serial No. 534,331, Mar. 9. Class 12.
Pacific Clay Products, Los Angeles, Calif. Clay wall tile and trimmers. Serial No. 534,333, Mar. 9. Class 12.
Pan American Fireworks Company: *See*—
Engelke, William J. H.
Peerless Woolen Mills, Rossville, Ga. Piece goods. Serial No. 534,664, Mar. 9. Class 42.
Penick, S. B., & Company, New York, N. Y. Bases for imitation food flavors. Serial No. 513,527, Mar. 9. Class 46.
Penick, S. B., & Company, New York, N. Y. Imitation food flavors. Serial No. 513,528, Mar. 9. Class 46.
Perry, William M., New York, N. Y. Ladies' blouses, shirts, and ladies' sportswear. Serial No. 485,833, Mar. 9. Class 39.
Premier Engineering, Division of U. S. Lite-Ray Company, Dayton, Ohio. Water pumps, and water distribution systems and parts thereof. Serial No. 520,232, Mar. 9. Class 23.
Preventive Maintenance Company, Bridgeport, Conn. Wax and soap base lubricants. Serial No. 520,766, Mar. 9. Class 15.
Procter & Gamble Company, The, Cincinnati, Ohio. Shampoo. Serial No. 536,445, Mar. 9. Class 6.
Puritan Looms, Inc., Philadelphia, Pa. Interlining fabrics. Serial No. 529,199, Mar. 9. Class 42.
Quaker Manufacturing Company, Chicago, Ill. Mechanically synchronized air and oil controls. Serial No. 518,036, Mar. 9. Class 34.
Quaker Manufacturing Company, Chicago, Ill. Oil burning space heaters, ranges, and conversion burners. Serial No. 524,348, Mar. 9. Class 34.
Quaker City Chocolate and Confectionery Company, Philadelphia, Pa. Chocolate covered candy bar. Serial No. 512,447, Mar. 9. Class 46.
Quinlan, Kathleen Mary, Inc., New York, N. Y. Sunburn preventative. Serial No. 512,066, Mar. 9. Class 6.
Ranlek, Ave: *See*—
Kelnar, Eva J.
Räsänen, Veikko V. K., Munkkiniemi, Finland. Room and bath heating ovens and stoves. Serial No. 515,451, Mar. 9. Class 34.
Rat Biscuit Company, The, doing business as The K-R-O Company, Springfield, Ohio. Rat exterminating powder. Serial No. 511,960, Mar. 9. Class 6.
Rawlings International, Inc., New York, N. Y. Shave soap, solidified shave-cream, lather shave-cream, and brushless shave-cream. Serial No. 530,120, Mar. 9. Class 4.
Reinhold Company: *See*—
Reinhold, Margaret D.
Reinhold, Margaret D., doing business as The Reinhold Company, Cleveland, Ohio. Stocking and toe protectors. Serial No. 502,664, Mar. 9. Class 39.
Relax-O Co., Chicago, Ill. Hair preparation. Serial No. 514,849, Mar. 9. Class 6.
Reliance Manufacturing Company, Chicago, Ill. Men's clothing. Serial No. 528,821, Mar. 9. Class 39.
Reynolds Metals Company, Richmond, Va. Textile fabrics in the piece. Serial No. 495,097, Mar. 9. Class 42.
Richards, Kenneth D., Gardner, Mass. Recoil reducing compensators. Serial No. 522,177, Mar. 9. Class 9.
Riegel Textile Corporation, New York, N. Y. Pillow cases. Serial No. 534,820, Mar. 9. Class 42.
Road and Track, Hempstead, Long Island, N. Y. Monthly publication. Serial No. 524,256, Mar. 9. Class 38.
Rodman Chemical Company, Verona, Pa. Quenching oil. Serial No. 528,230, Mar. 9. Class 15.
Rohm & Haas Company, Philadelphia, Pa. Chemicals. Serial No. 534,472, Mar. 9. Class 6.
Rosenthal-Bercow Co., Inc., New York, N. Y. Protein hydrolysate. Serial Nos. 533,782–3, Mar. 9. Class 6.
Ruskin Vegetables Distributors, Ruskin, Fla. Fresh vegetables. Serial No. 517,201, Mar. 9. Class 46.
St. Paul & Tacoma Lumber Co., Tacoma, Wash. Laminated composite boards. Serial No. 533,940, Mar. 9. Class 12.
St. Paul & Tacoma Lumber Co., Tacoma, Wash. Lumber and lumber products. Serial Nos. 533,942–4, Mar. 9. Class 12.
Salmanson & Co. Inc., New York, N. Y. Book cases, book shelves, chests, etc. Serial No. 524,158, Mar. 9. Class 32.
Schieren, Chas. A., Company, New York, N. Y. Belt dressings and leather preservatives. Serial No. 530,965, Mar. 9. Class 4.
Schieren, Chas. A., Company, New York, N. Y. Leather belting. Serial No. 532,344, Mar. 9. Class 35.
Schofield Service, Inc., New York, N. Y., now by change of name Wheeldex Manufacturing Co. Inc. Rotary card index files. Serial No. 516,640. Mar. 9. Class 37.
Segelke, Hazel J., doing business as Baskook Company, Los Angeles, Calif. Basket cookers. Serial No. 514,436, Mar. 9. Class 13.
Sharp & Dohme, Incorporated, Philadelphia, Pa. Preparation for use in treating skin diseases. Serial No. 538,186, Mar. 9. Class 6.
Shaving Powder Co., The: *See*—
Morehouse Manufacturing Company.
Sight Feed Generator Company, The, West Alexandria, Ohio. Electric welders. Serial No. 503,677, Mar. 9. Class 21.
Skinner & Kennedy Company, St. Louis, Mo. Fountain pens. Serial No. 529,104, Mar. 9. Class 37.
Specialties Appliance Corporation, Chicago, Ill. Cookers. Serial No. 516,040, Mar. 9. Class 34.
Specialty Products Company, The, New Orleans, La. Liquid antiseptic. Serial No. 529,314, Mar. 9. Class 6.
Spinnerin Yarn Co., Inc., New York, N. Y. Yarn. Serial No. 530,344, Mar. 9. Class 43.
Staddon & Kilbourn, Limited, Montreal, Quebec, Canada. Perfumes. Serial No. 509,734, Mar. 9. Class 6.
Staddon & Kilbourn, Limited, Montreal, Quebec, Canada. Perfumes. Serial Nos. 509,736–7, Mar. 9. Class 6.
Standard Candy Company, Nashville, Tenn. Candies. Serial No. 519,230, Mar. 9. Class 46.

Standard Milling Company, Chicago, Ill. Wheat flour. Serial No. 527,820, Mar. 9. Class 46.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Lubricating oils. Serial No. 525,146, Mar. 9. Class 15.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Lubricating oils. Serial No. 525,152, Mar. 9. Class 15.
Star Maid Dresses, Inc., New York, N. Y. Women's and misses' dresses, coats, jackets, etc. Serial No. 529,318, Mar. 9. Class 39.
Stell, William E., Fort Smith, Ark. Prepared foods. Serial No. 516,154, Mar. 9. Class 46.
Strange Laboratories, Inc., Tucson, Ariz. Perfumes, colognes, perfume concentrates, etc. Serial No. 516,916, Mar. 9. Class 6.
Sun Oil Company, Philadelphia, Pa. Pneumatic tires. Serial No. 521,701, Mar. 9. Class 35.
Sun Oil Company, Philadelphia, Pa. Polishing cloth. Serial No. 525,510, Mar. 9. Class 29.
Superior Zinc Corporation, Philadelphia, Pa. Slab-zinc and zinc dust. Serial Nos. 527,707–8, Mar. 9. Class 14.
Syracuse Ornamental Co., assignor to Syracuse Ornamental Co., Inc., New York, N. Y. Religious and gift statues, statuettes, artificial flowers, etc. Serial No. 490,983, Mar. 9. Class 50.
Syracuse Ornamental Co., Inc., assignee: *See*—
Syracuse Ornamental Co.
Tanbro Fabrics Corp., New York, N. Y. Rayon, cotton, linen, etc., goods in the piece. Serial Nos. 534,941–2, Mar. 9. Class 42.
Taylor's, Chas., Sons Company, The, Cincinnati, Ohio. Refractory cements, refractory ramming mixes, refractory bricks, etc. Serial No. 534,066, Mar. 9. Class 12.
Tetrad Co., Cleveland, Ohio. Valves and valve fittings. Serial No. 517,095, Mar. 9. Class 34.
Toesies Company, The, Chicago, Ill. Pocket-like stocking toe protector. Serial No. 501,693, Mar. 9. Class 39.
Tomlinson of High Point, High Point, N. C. Articles of furniture. Serial No. 516,330, Mar. 9. Class 32.
Torrance, M. J., Electrical Supplies, Co., Inc., Rock Island, Ill. Electric motors. Serial No. 520,310, Mar. 9. Class 21.
Tracerlab, Incorporated, Boston, Mass. Monthly bulletin. Serial No. 521,944, Mar. 9. Class 38.
Trail-Train Barbecue and Cabin Service Company: *See*—
Goungo, Patrick J.
Tri-City Vegetable Growers, San Juan, Tex. Fresh tomatoes. Serial No. 529,832, Mar. 9. Class 46.
Truscon Steel Company, Youngstown, Ohio. Steel windows. Serial No. 533,796, Mar. 9. Class 12.
United States Gypsum Company, Chicago, Ill. Insulation board. Serial No. 476,313, Mar. 9. Class 12.
United States Rubber Company, New York, N. Y. Sponge rubber. Serial No. 500,844, Mar. 9. Class 1.
Universal Microphone Company: *See*—
Fouch, James L.
Vab Products Limited, London, England. Joint sleeves, valance sleeves, valance hooks, etc. Serial No. 510,458, Mar. 9. Class 13.
Valentine Company, The, Seattle, Wash. Chemical compounds. Serial No. 530,265, Mar. 9. Class 4.
Van Rijn, J. Constant, Woodstock, N. Y. Cooling apparatus. Serial No. 517,922, Mar. 9. Class 21.
Velsicol Corporation, Chicago, Ill. Resins. Serial No. 499,585, Mar. 9. Class 1.
Velsicol Corporation, Chicago, Ill. Resins. Serial No. 499,589, Mar. 9. Class 1.
Victoria Chemical Co., Newark, N. J. Cosmetic. Serial No. 516,590, Mar. 9. Class 6.
Vis-Ko Inc., Sumner, Wash. Insecticides and fungicides. Serial No. 536,736, Mar. 9. Class 6.
Vitamineral Products Company, Peoria, Ill. Supplement consisting of vitamins A, D_2, D_3, and riboflavin. Serial No. 536,322, Mar. 9. Class 6.
Warner, William R., & Co., Inc., New York, N. Y. Composition of penicillin and aluminum hydroxide gel with calcium carbonate. Serial No. 512,726, Mar. 9. Class 6.
West Bank Oil Terminal, Inc., Philadelphia, Pa. Liquid asphaltic emulsions. Serial Nos. 533,656–7, Mar. 9. Class 12.
Western Waxed Paper Co.: *See*—
Crown Zellerbach Corporation.
West Virginia Pulp and Paper Company, New York, N. Y. Filtering, clarifying and decolorizing carbons. Serial No. 517,601, Mar. 9. Class 6.
Wheeldex Manufacturing Co. Inc.: *See*—
Schofield Service, Inc.
Wong, Ralph, San Antonio, Tex. Preparation for the treatment of coughs and colds. Serial No. 534,584, Mar. 9. Class 6.
Zodiac House: *See*—
Jorgensen, Richard P.

LIST OF REGISTRANTS OF TRADE-MARKS

Abbot Worsted Company, Westford, Mass. Worsted yarn. 437,299, Mar. 9; Serial No. 525,276, published Nov. 18, 1947. Class 43.
Abbott Laboratories, North Chicago, Ill. Nutritive preparation. 437,141, Mar. 9; Serial No. 508,202, published July 8, 1947. Class 6.
Absolute Con-Tac-Tor Corporation, Beloit, Wis., by Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Mercury switches. 195,484, Feb. 24, 1925. Republished Mar. 9. Class 21.
Absorene Manufacturing Company, The, St. Louis, Mo. Cleaner. 240,892, renewed Apr. 10, 1948. O. G. Mar. 9. Class 4.
Acacia Fraternity, Worcester, Mass., and Ann Arbor, Mich., to Acacia Fraternity, Chicago, Ill. Periodical publication. 232,936, renewed Sept. 20, 1947. O. G. Mar. 9. Class 38.
Acme Card System Company, by Acme Visible Records, Inc., Chicago, Ill. Combination desk calendars, diaries, and address books. 321,451, Feb. 5, 1935. Republished Mar. 9. Class 37.
Acme Chemical Company, Milwaukee, Wis. Floor dressing. 306,627, Sept. 26, 1933. Republished Mar. 9. Class 4.
Acme Screen Company, Inc., Dallas, Tex. Window and door screens including frames. 437,185, Mar. 9; Serial No. 516,389, published Dec. 9, 1947. Class 12.
Acme Visible Records, Inc.: *See*—
Acme Card System Company.
Adco, Inc.: *See*—
American Disinfecting Company.
Aktieselskabet De forenede Bryggerier, Copenhagen, Denmark. Malt beverages. 437,127, Mar. 9; Serial No. 506,284, published Dec. 2, 1947. Class 48.
All American Aviation, Inc., Wilmington, Del. Rope and strands made of treated undrawn nylon. 437,285, Mar. 9; Serial No. 524,098, published Dec. 9, 1947. Class 7.
All American Aviation, Inc., Wilmington, Del. Narrow webbing. 437,286, Mar. 9; Serial No. 524,099, published Dec. 9, 1947. Class 40.
Altman, B., & Co.: *See*—
Altman, Benjamin.
Altman, Benjamin, to B. Altman & Co., New York, N. Y. Gloves. 31,548, re-renewed May 17, 1948. O. G. Mar. 9. Class 39.
Alumalux Company, The, Carson City, Nev., and Pasadena, Calif. Aluminum insulated shingle tiles and aluminum shingles. 437,201, Mar. 9; Serial No. 517,947, published Dec. 2, 1947. Class 12.
Ambler Asbestos Shingle & Sheathing Company, by Keasbey & Mattison Company, Ambler, Pa. Asbestos composition board. 285,660, Aug. 4, 1931. Republished Mar. 9. Class 12.
American College of Apothecaries, Clayton, Mo. Medicines and pharmaceutical preparations. 437,138, Mar. 9; Serial No. 507,611, published Dec. 9, 1947. Class 6.
American Disinfecting Company, by Adco, Inc., Sedalia, Mo. Dry cleaners. 267,690, Feb. 25, 1930. Republished Mar. 9. Class 4.
American Fork and Hoe Company, The: *See*—
Turner, Day & Woolworth Handle Company.
American Fork and Hoe Company, The, Cleveland, Ohio. Fishing rods, fishing rod handles, fishing rod cases, etc. 258,244, July 2, 1929. Republished Mar. 9. Class 22.
American Fork & Hoe Company, The, Cleveland, Ohio. Axes, adzes, broadaxes, etc. 283,564, June 2, 1931. Republished Mar. 9. Class 23.
American Optical Company, Southbridge, Mass. Artificial eyes. 437,304, Mar. 9; Serial No. 525,524, published Dec. 16, 1947. Class 44.
American Rolling Mill Company, The: *See*—
Steelox Company.
American Rolling Mill Company, The, Middletown, Ohio. Galvanized iron and steel sheets. 290,355, Jan. 5, 1932. Republished Mar. 9. Class 14.
American Thread Company, The, New York, N. Y. Stamped goods for embroidering. 437,151, Mar. 9; Serial No. 510,927, published Nov. 11, 1947. Class 40.
American Woolen Company, New York, N. Y. Worsteds in the piece. 289,313, Nov. 24, 1931. Republished Mar. 9. Class 42.
American Woolen Company, New York, N. Y. Woolen piece goods. 290,957, Jan. 19, 1932. Republished Mar. 9. Class 42.
American Woolen Company, New York, N. Y. Woolen piece goods. 293,155, Apr. 12, 1932. Republished Mar. 9. Class 42.
American Woolen Company, New York, N. Y. Woolen piece goods. 320,936, Jan. 15, 1935. Republished Mar. 9. Class 42.
Andes Range and Furnace Corporation: *See*—
Summit Foundry Co.
Anheuser-Busch, Inc.: *See*—
Cuban-American Syrup Company, The.
Anspacher, Edgar, doing business as The Edan Company, Los Angeles, Calif. Mattresses and box springs. 437,147, Mar. 9; Serial No. 510,227, published Oct. 7, 1947. Class 32.

Apex Hosiery Company, Philadelphia, Pa. Hosiery. 303,366, May 23, 1933. Republished Mar. 9. Class 39.
Arco Company, The, Cleveland, Ohio. Publication. 437,111, Mar. 9; Serial No. 501,622, published May 6, 1947. Class 38.
Armstrong Cork Company: *See*—
Armstrong Cork & Insulation Company.
Armstrong-Newport Company.
Armstrong Cork Company, Lancaster, Pa. Molded bottle and jar closure or caps. 283,037, May 12, 1931. Republished Mar. 9. Class 50.
Armstrong Cork Company, Lancaster, Pa. Magazine. 286,903, Sept. 8, 1931. Republished Mar. 9. Class 38.
Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Polishing preparation. 298,945, Nov. 15, 1932. Republished Mar. 9. Class 16.
Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Linoleum and felt base wall coverings. 299,122, Nov. 22, 1932. Republished Mar. 9. Class 20.
Armstrong Cork & Insulation Company, Lancaster, by Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Isolation material. 288,655, Nov. 3, 1931. Republished Mar. 9. Class 12.
Armstrong Cork & Insulation Company, Lancaster, by Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Heat insulating material. 303,093, May 9, 1933. Republished Mar. 9. Class 12.
Armstrong-Newport Company, Carrollville, Wis., by Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Heat and sound insulation material. 284,025, June 9, 1931. Republished Mar. 9. Class 12.
Armstrong-Newport Company, Carrollville, Wis., by Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Fiber board, composite board, construction board, etc. 312,580, May 1, 1934. Republished Mar. 9. Class 12.
Asbestos Shingle, Slate & Sheathing Company, by Keasbey & Mattison Company, Ambler, Pa. Fireproof roofing covering, roofing slate, etc. 275,250, Sept. 16, 1930. Republished Mar. 9. Class 12.
Asher, Albert: *See*—
Garcia & Maggini Co.
Asher, Albert, Co.: *See*—
Garcia & Maggini Co.
Atkins, E. C., and Company, Indianapolis, Ind. Machine knives. 229,629, July 5, 1927. Republished Mar. 9. Class 23.
Atkins, E. C., and Company, Indianapolis, Ind. Hack-saw blades. 282,865, May 5, 1931. Republished Mar. 9. Class 23.
Atkins, E. C., and Company, Indianapolis, Ind. Saws. 317,231, Sept. 18, 1934. Republished Mar. 9. Class 23.
Aufdemkampe Hardware Co., The, Cincinnati, Ohio. Enamel paint, ready-mixed paints, and varnishes. 234,745, renewed Nov. 1, 1947. O. G. Mar. 9. Class 16.
Augustine, Harold B., doing business as Pyramid Adjustable Post Company, Buffalo, N. Y. Adjustable posts. 437,134, Mar. 9; Serial No. 507,181, published Dec. 9, 1947. Class 12.
Auto Radiator Manufacturing Company, Chicago, Ill. Vehicle radiators, radiator cores, and automobile heaters. 290,811, Jan. 19, 1932. Republished Mar. 9. Class 19.
B & F Manufacturing Co. Inc., New York, N. Y. Luggage. 437,241, Mar. 9; Serial No. 521,555, published Nov. 18, 1947. Class 3.
Babcock & Wilcox Company, The, New York, N. Y. Refractory concrete. 437,188, Mar. 9; Serial No. 516,524, published Dec. 9, 1947. Class 12.
Bakers Pride Oven Co., Inc., New York, N. Y. Gas fired ovens. 437,145, Mar. 9; Serial No. 509,495, published Dec. 9, 1947. Class 34.
Bako Process Company, by J. Edw. Collins, Minneapolis, Minn. Ready-mixed paints, paint enamel, crack sealer, etc. 194,339, Jan. 20, 1925. Republished Mar. 9. Class 16.
Barnes, Henry K., Company, Salem, Mass. Leather belting. 306,055, Sept. 5, 1933. Republished Mar. 9. Class 35.
Basic Refractories, Inc., Cleveland, Ohio. Mineral base refractory granular materials, refractory cements and mortars. 437,085, Mar. 9; Serial No. 483,605, published Dec. 9, 1947. Class 12.
Basic Refractories, Inc., Cleveland, Ohio. Refractory materials. 437,253, Mar. 9; Serial No. 522,024, published Dec. 9, 1947. Class 12.
Bauer, John F., Company, The: *See*—
Bauer, John F., & Co.
Bauer, John F., & Co., Mount Morris, to The John F. Bauer Company, Elmira, N. Y. Substitutes for coffee. 30,502, re-renewed Aug. 17, 1947. O. G. Mar. 9. Class 46.
Bausch & Lomb Optical Company, Rochester, N. Y. Measuring rules. 239,513, renewed Mar. 6, 1948. O. G. Mar. 9. Class 26.
Baxter, Don, Inc., Glendale, Calif. Administration sets. 437,116, Mar. 9; Serial No. 504,026, published Dec. 16, 1947. Class 44.
Beam, Edward, Jr., Washington, D. C. Handbags and pocketbooks. 437,229, Mar. 9; Serial No. 520,679, published Nov. 18, 1947. Class 3.
Bear Manufacturing Company, Rock Island, Ill. Automobile frame straighteners, teeter racks for automobiles, and automobile axle presses. 292,908, Mar. 29, 1932. Republished Mar. 9. Class 23.
Beckett, R. W., Corporation, Elyria, Ohio. Domestic and industrial oil burners for heating and parts thereof. 437,284, Mar. 9; Serial No. 524,051, published Nov. 4, 1947. Class 34.
Beebe Bros., Seattle, Wash. Hand hoists. 231,163, renewed Aug. 16, 1947. O. G. Mar. 9. Class 23.
Bemis Bro. Bag Company, St. Louis, Mo. Woven sacks. 284,846, July 7, 1931. Republished Mar. 9. Class 2.
Bendix Aviation Corporation: *See*—
Bendix Stromberg Carburetor Company.
Bragg-Kliesrath Corporation.
Bendix Stromberg Carburetor Company, by Bendix Aviation Corporation, South Bend, Ind. Carburetors. 311,537, Mar. 27, 1934. Republished Mar. 9, 1948. Class 23.
Benjamin Electric Manufacturing Company, Des Plaines, Ill. Reflectors. 265,967, Jan. 7, 1930. Republished Mar. 9. Class 21.
Beresin, Jay G., doing business as Superior Dental Laboratories, Philadelphia, Pa. Dental alloy. 437,248, Mar. 9; Serial No. 521,849, published Dec. 16, 1947. Class 44.
Bernocco & Borgogno di E. Granelli: *See*—
Società Esercizio Farmacie e Specialità Medicinali di E. Granelli & C.
Better Packages, Incorporated, Shelton, Conn. Tape dispensers. 437,104, Mar. 9; Serial No. 497,772, published Dec. 16, 1947. Class 2.
Biadasz, Frances E., Arlington, Va. News column on aviation. 437,249, Mar. 9; Serial No. 521,960, published Dec. 2, 1947. Class 38.
Bird & Son, inc., East Walpole, Mass. Mineral-surfaced asphalt-saturated felt shingles. 437,107, Mar. 9; Serial No. 499,198, published Dec. 2, 1947. Class 12.
Bloomington Limestone Company, Bloomington, Ind. Building blocks. 258,699, July 16, 1929. Republished Mar. 9. Class 12.
Boone Rock Bottling Company: *See*—
Orange Crush Bottling Co., The.
Borsdorff Company, The: *See*—
Borsdorff, Walter H.
Borsdorff Company, Inc., The, assignee: *See*—
Borsdorff, Walter H.
Borsdorff, Walter H., doing business as The Borsdorff Company, assignor to The Borsdorff Company, Inc., New York, N. Y. Composition board. 437,119, Mar. 9; Serial No. 504,428, published Dec. 9, 1947. Class 12.
Bradfield Building Products Co., by L. M. Scofield Company, Los Angeles, Calif. Cement hardeners and colors. 292,405, Mar. 15, 1932. Republished Mar. 9. Class 12.
Bragg-Kliesrath Corporation, by Bendix Aviation Corporation, South Bend, Ind. Brakes and brake systems and parts thereof. 310,208, Feb. 13, 1934. Republished Mar. 9. Class 19.
Bragno & Company, Chicago, Ill. Wines. 320,775, Jan. 8, 1935. Republished Mar. 9. Class 47.
Brauer Bros. Shoe Co., St. Louis, Mo. Ladies' handbags and pocketbooks. 437,288, Mar. 9; Serial No. 524,292, published Nov. 18, 1947. Class 3.
Breakstone Bros., Inc.: *See*—
Breakstone Bros. Inc.
Breakstone Bros. Inc., to Breakstone Bros., Inc., New York, N. Y. Cheese, butter, eggs, etc. 235,366, renewed Nov. 15, 1947. O. G. Mar. 9. Class 46.
Bright Biscuit Co., Kansas City, Mo. Crackers and cakes. 283,328, May 26, 1931. Corrected. O. G. Mar. 9. Class 46.
Brookside Distilling Products Corporation: *See*—
Bushmill Wine & Products Company, Inc.
Brown & Bigelow, St. Paul, Minn. Periodical. 202,044, Aug. 11, 1925. Republished Mar. 9. Class 38.
Brown Shoe Company, Inc., St. Louis, Mo., to J. C. Penney Company, New York, N. Y. Shoes. 236,544, renewed Dec. 13, 1947. O. G. Mar. 9. Class 39.
Brown & Williamson Tobacco Corporation, Winston-Salem, N. C., to Brown & Williamson Tobacco Corporation, Louisville, Ky. Smoking and chewing tobacco. 241,061–2, renewed Apr. 17, 1948. O. G. Mar. 9. Class 17.
Burwood Products Company, Traverse City, Mich. Buckles and buttons. 437,167, Mar. 9; Serial No. 513,497, published Dec. 9, 1947. Class 40.
Bushmill Wine & Products Company, Inc., by Brookside Distilling Products Corporation, Scranton, Pa. Whiskey and brandy. 316,368, Aug. 21, 1934. Republished Mar. 9. Class 49.
Bushmill Wine & Products Co., Inc., by Brookside Distilling Products Corporation, Scranton, Pa. Whiskey. 316,727, Sept. 4, 1934. Republished Mar. 9. Class 49.
Bushmill Wine & Products Company, Inc., by Brookside Distilling Products Corporation, Scranton, Pa. Whiskey. 317,189, Sept. 18, 1934. Republished Mar. 9. Class 49.

Cali, Minnie T., doing business as Radiant Wash Solution Co., Olean, N. Y. Bleaching preparation. 437,181, Mar. 9; Serial No. 515,253, published Dec. 9, 1947. Class 6.

Cando Company: *See*—
Cando Corporation, The.

Cando Corporation, The, Cambridge, by Cando Company, Boston, Mass. Polishing paste, powder or liquid. 258,965–6, July 16, 1929. Republished Mar. 9. Class 4.

Cando Corporation, The, Cambridge, by Cando Company, Boston, Mass. Cleaning or cleaning and polishing preparations. 317,008, Sept. 11, 1934. Republished Mar. 9. Class 4.

Cando Corporation, The, Cambridge, by Cando Company, Boston, Mass. Cleaning and polishing preparations. 319,026, Nov. 13, 1934. Republished Mar. 9. Class 4.

Cannon Valley Milling Company, by Cannon Valley Milling Co. (1938), Minneapolis, Minn. Wheat-flour. 136,355–6, Nov. 2, 1920. Republished Mar. 9. Class 46.

Cannon Valley Milling Company, by Cannon Valley Milling Co. (1938), Minneapolis, Minn. Wheat-flour. 137,139, Nov. 23, 1920. Republished Mar. 9. Class 46.

Cannon Valley Milling Company, by Cannon Valley Milling Co. (1938), Minneapolis, Minn. Wheat flour. 237,575, Jan. 10, 1928. Republished Mar. 9. Class 46.

Cannon Valley Milling Co. (1938): *See*—
Cannon Valley Milling Company.

Canova Foods, Incorporated: *See*—
Maury-Cole Company.

Canvas Proofing Company: *See*—
Canvas Proofing & Striping Company.

Canvas Proofing & Striping Company, to Canvas Proofing Company, Chicago, Ill. Waterproofing liquid. 240,055, renewed Mar. 20, 1948. O. G. Mar. 9. Class 6.

Caplin, Samuel: *See*—
Real Sport Clothing Company.

Carbonell y Compañia de Córdoba S. A., Cordoba, Spain. Brandy. 437,310, Mar. 9. Class 49.

Carman & Co., Inc., New York, N. Y., by The Procter & Gamble Company, Cincinnati, Ohio. Soap. 309,920, Feb. 6, 1934. Republished Mar. 9. Class 4.

Carolina Cotton & Woolen Mills Company, Spray, N. C., by Marshall Field & Company, Chicago, Ill. Cotton blankets. 200,855, July 14, 1925. Republished Mar. 9. Class 42.

Caron Corporation assignee: *See*—
Daltroff, E., & Cie.

Carter, William, Company, The: *See*—
Carter, William, Co., The.

Carter, William, Co., The, Highlandville, to The William Carter Company, Needham Heights, Mass. Knitted union suits, corset covers, vests, etc. 65,969, re-renewed Nov. 5, 1947. O. G. Mar. 9. Class 39.

Casebolt Biscuit Company, Dallas, Tex. Candy. 437,186, Mar. 9; Serial No. 516,467, published Nov. 11, 1947. Class 46.

Casebolt Biscuit Company, Dallas, Tex. Candy. 437,187, Mar. 9; Serial No. 516,469, published Nov. 11, 1947. Class 46.

Celanese Corporation of America, New York, N. Y. Dry and ready-mixed paints, aeroplane dopes, varnishes, etc. 240,109, renewed Mar. 20, 1948. O. G. Mar. 9. Class 16.

Celanese Corporation of America, New York, N. Y. Compositions in raw or partly-prepared condition, either solid or liquid. 240,681, renewed Apr. 3, 1948. O. G. Mar. 9. Class 1.

Cellulose Products Corporation, Shamokin, Pa., and New York, N. Y., by International Cellucotton Products Company, Chicago, Ill. Handkerchiefs, cleansing and polishing tissues, napkins, etc. 299,676, Dec. 13, 1932. Republished Mar. 9. Class 37.

Champion Fibre Company, The, Canton, N. C., by The Champion Paper and Fibre Company, Hamilton, Ohio. Soda pulp. 287,071, Sept. 15, 1931. Republished Mar. 9. Class 1.

Champion Paper and Fibre Company, The: *See*—
Champion Fibre Company, The.

Christensen, Grayce K., New York, N. Y. Hand illustrations of portraits and reproductions. 437,317, Mar. 9. Class 38.

Christopher, Nicholas, doing business as Sky Pilot Manufacturing Company, Detroit, Mich. Soft drink beverages and syrups. 437,118, Mar. 9; Serial No. 504,327, published Dec. 9, 1947. Class 45.

Ciba Limited, Basel, Switzerland. Synthetic resin plastics. 437,125, Mar. 9; Serial No. 505,805, published Dec. 16, 1947. Class 1.

Cinderella Hat Co.: *See*—
Cinderella Hat Co., Inc.

Cinderella Hat Co., Inc., by Ben Touster, doing business as Cinderella Hat Co., New York, N. Y. Infants', children's, and misses' hats. 193,005, Dec. 16, 1924. Republished Mar. 9. Class 39.

Cinema Electric Commodities Limited, London, England. Publications issued periodically. 437,077, Mar. 9; Serial No. 478,680, published Dec. 9, 1947. Class 38.

Cleveland Tractor Company, The, Euclid, Ohio, by The Oliver Corporation, Chicago, Ill. Internal-combustion engines. 147,965, Nov. 8, 1921. Republished Mar. 9. Class 23.

Colgate & Co., New York, N. Y., to Colgate-Palmolive-Peet Company, Jersey City, N. J. Soap powders. 68,708, re-renewed Apr. 28, 1948. O. G. Mar. 9. Class 4.

Colgate & Co., New York, N. Y., to Colgate-Palmolive-Peet Company, Jersey City, N. J. Soap and soap powders. 68,709, re-renewed Apr. 28, 1948. O. G. Mar. 9. Class 4.

Colgate-Palmolive-Peet Company: *See*—
Colgate & Co.
Palmolive-Peet Company, The.

Colgate-Palmolive-Peet Company, Jersey City, N. J. Hair tonic. 437,289, Mar. 9; Serial No. 524,377, published Dec. 16, 1947. Class 6.

Collins, J. Edw.: *See*—
Bako Process Company.

Columbian Enameling & Stamping Co., Inc., Terre Haute, Ind. Wall tile, clip boards, and cement and a combined wall tile, etc. 313,273, May 22, 1934. Republished Mar. 9. Class 12.

Columbian Enameling & Stamping Co., Inc., Terre Haute, Ind. Enameled ware. 437,080, Mar. 9; Serial No. 480,947, published Dec. 16, 1947. Class 44.

Community Builders, Inc., Skokie, Ill. Cedar shingles and lumber. 437,217, Mar. 9; Serial No. 519,926, published Dec. 2, 1947. Class 12.

Compix, Inc., New York, N. Y. Comic magazine. 437,224, Mar. 9; Serial No. 520,442, published Dec. 9, 1947. Class 38.

Consolidated Cosmetics: *See*—
Younghusband, James L.

Consolidated Cosmetics, Chicago, Ill. Anti-perspirant, lipstick, rouge, etc. 437,162, Mar. 9; Serial No. 513,030, published Nov. 18, 1947. Class 6.

Consolidated Machine Tool Corporation: *See*—
Consolidated Machine Tool Corporation of America.

Consolidated Machine Tool Corporation of America, by Consolidated Machine Tool Corporation, Rochester, N. Y. Drill chucks. 292,142, Mar. 1, 1932. Republished Mar. 9. Class 23.

Consolidated Retail Stores, Inc.: *See*—
Senack Shoe Company.

Consolidated Water Power & Paper Company: *See*—
Seaman Paper Company.

Continental Distilling Corporation, Philadelphia, Pa., by Sunset Incorporated, Chicago, Ill. Whiskey, gin, rum, etc. 319,858, Dec. 4, 1934. Republished Mar. 9. Class 49.

Converted Rice, assignor to Converted Rice, Inc., Houston, Tex. Rice. 437,176, Mar. 9; Serial No. 514,591, published Dec. 30, 1947. Class 46.

Converted Rice, Inc., assignee: *See*—
Converted Rice.

Coty, Inc., New York, N. Y. Face powder, dusting powder, toilet water, etc. 437,089, Mar. 9; Serial No. 487,174, published Dec. 16, 1947. Class 6.

Crompton, James R., & Brothers, Limited, Eton Paper Mills, near Bury, England. White tissue-paper, colored tissue-paper and other named paper items. 64,014, July 16, 1907. Corrected. O. G. Mar. 9. Class 37.

Crown Willamette Paper Company, by Crown Zellerback Corporation, also doing business as Crown Willamette Paper Company, San Francisco, Calif. Bags, containers, and merchandise envelopes, etc. 265,698, Jan. 7, 1930. Republished Mar. 9. Class 2.

Crown Zellerback Corporation: *See*—
Crown Willamette Paper Company.

Crucible Steel Company of America, New York, N. Y. Steel bars, rods, billets, etc. 237,488, renewed Jan. 10, 1948. O. G. Mar. 9. Class 14.

Cuban-American Syrup Company, The, Little Rock, Ark., to Anheuser-Busch, Inc., St. Louis, Mo. Table syrup. 240,039, renewed Mar. 20, 1948. O. G. Mar. 9. Class 46.

Dain, Betty, Creations, Inc., New York, N. Y. Shoulder pads. 437,206, Mar. 9; Serial No. 518,453, published Nov. 4, 1947. Class 40.

Daltroff, E., & Cie, doing business as Parfumerie Caron, Paris, France, by Caron Corporation, New York, N. Y. Perfume. 287,517, Sept. 29, 1931. Republished Mar. 9. Class 6.

Daltroff, E., & Cie, doing business as Parfumerie Caron, Paris, France, assignor to Caron Corporation, New York, N. Y., by Caron Corporation, New York, N. Y. Perfume. 318,530, Oct. 30, 1934. Republished Mar. 9. Class 6.

Daumit, Kay, assignor, by mesne assignments, to Kathryn, Inc., Chicago, Ill. Liquid and cream cologne, and perfumes. 437,115, Mar. 9; Serial No. 503,976, published Dec. 9, 1947. Class 6.

Davies-Young Soap Company, The, Dayton, Ohio. Dry-cleaning liquid soap. 265,885, Jan. 7, 1930. Republished Mar. 9. Class 4.

Davies-Young Soap Company, The, Dayton, Ohio. Liquid wax. 285,885, Aug. 11, 1931. Republished Mar. 9. Class 16.

Davies-Young Soap Company, The, Dayton, Ohio. Liquid wax. 285,896, Aug. 11, 1931. Republished Mar. 9. Class 16.

Davies-Young Soap Company, The, Dayton, Ohio. Paste cleaner. 291,141, Jan. 26, 1932. Republished Mar. 9. Class 4.

Davies-Young Soap Company, The, Dayton, Ohio. Liquid dry cleaning detergent. 323,255, Apr. 9, 1935. Republished Mar. 9. Class 4.

Davison Chemical Corporation, The: *See*—
Silica Gel Products Corporation, The.

Degas, Guy, Paris, France. Perfumes, toilet waters, eau de cologne, etc. 437,123, Mar. 9; Serial No. 505,289, published Dec. 9, 1947. Class 6.

Delicado, José M., Caracas, Venezuela. Masons' and bricklayers' materials for use for articles for ornamenting, decorating and building. 437,148–9, Mar. 9; Serial Nos. 510,769–70, published Dec. 2, 1947. Class 12.

Delill Creations Company, New York, N. Y. Ladies' handbags. 437,226, Mar. 9; Serial No. 520,553, published Nov. 18, 1947. Class 3.

De St. Dalmas, A., & Co., Ltd., Leicester, England. Surgical bandage. 437,296, Mar. 9; Serial No. 524,957, published Dec. 9, 1947. Class 44.

Dettelbach Company, The: *See*—
Dettelbach, Louis L., Jr.

Dettelbach, Louis L., Jr., doing business as The Dettelbach Company, Atlanta, Ga. Synthetic detergent. 437,154, Mar. 9; Serial No. 512,325, published Nov. 18, 1947. Class 4.

Diamond Importing Company: *See*—
Selwyn, Boris.

Diffusion Textile de Files de Marque Francaise, Société Anonyme, Nord, France. Thread and yarn. 437,232–3, Mar. 9; Serial Nos. 521,000–1, published Nov. 18, 1947. Class 43.

Distinctive Products Development Corp., Cincinnati, Ohio. Peroxide neutralizer. 437,213, Mar. 9; Serial No. 519,632, published Dec. 9, 1947. Class 6.

Dritz, John, & Sons, New York, N. Y. Fabric and canvas foundation materials. 437,230, Mar. 9; Serial No. 520,938, published Nov. 18, 1947. Class 40.

Duchess Royal, Inc., New York, N. Y. Ladies' suits, dresses, raincoats, etc. 500,008, Mar. 9. Class 39.

Duggan's Distillers Products Corporation, Newark, N. J. Wines. 437,194, Mar. 9; Serial No. 517,293, published Dec. 9, 1947. Class 47.

Duke Manufacturing Co., St. Louis, Mo. Pastry counters, bakers' tables, etc. 275,715, Sept. 30, 1930. Republished Mar. 9. Class 32.

Dumari Textile Co., Inc., New York, N. Y. Fabrics in the piece. 284,140, June 16, 1931. Republished Mar. 9. Class 42.

Dumari Textile Co., Inc., New York, N. Y. Dresses. 285,139, July 14, 1931. Republished Mar. 9. Class 39.

Dupont Pharmacy, Inc., by 40 Below Beverage Company, Washington, D. C. Maltless, non-alcoholic beverages. 306,812, Sept. 26, 1933. Republished Mar. 9. Class 45.

Duradex Company, The, to Duradex Incorporated, New York, N. Y. Card indexes, guide cards, cards. 231,214, renewed Aug. 16, 1947. O. G. Mar. 9. Class 37.

Duradex Incorporated: *See*—
Duradex Company, The.

Durst, S. F., & Co., Inc., Philadelphia, Pa. Sterile injectible solution and/or microsuspension of crystalline estrogens. 437,220, Mar. 9; Serial No. 520,152, published Dec. 9, 1947. Class 6.

Eagle-Picher Company, The, Cincinnati, Ohio. Insulation material. 437,266, Mar. 9; Serial No. 522,820, published Dec. 9, 1947. Class 12.

Ebosa, S. A., Granges, Switzerland. Watches and parts thereof and clocks and parts thereof. 437,117, Mar. 9; Serial No. 504,260, published Dec. 16, 1947. Class 27.

Eclipse Knitting Mills, Inc., East Newark, N. J. Outer skirts, sweaters, jackets, etc. 437,146, Mar. 9; Serial No. 510,164, published Dec. 9, 1947. Class 39.

Edan Company, The: *See*—
Anspacher, Edgar.

Egan, H. B., Manufacturing Company: *See*—
Egan, Henry B.

Egan, Henry B., doing business as Lucky Strike Patch Company, to H. B. Egan Manufacturing Company, Muskogee, Okla. Tire-tube patches. 239,030, renewed Feb. 21, 1948. O. G. Mar. 9. Class 35.

Egli, H. W., S. A.: *See*—
Egli, Hans W.

Egli, Hans W., to H. W. Egli S. A., Zurich, Switzerland. Calculating-machines. 66,214, re-renewed Nov. 19, 1947. O. G. Mar. 9. Class 26.

Electric Sprayit Co., The, Sheboygan, Wis. Hydraulic actuating cylinders, hydraulic operating valves, air compressors, etc. 437,082, Mar. 9; Serial No. 481,617, published Oct. 8, 1946. Class 23.

Elgin Softener Corporation, Elgin, Ill. Water-softening systems and parts thereof. 264,017, Nov. 12, 1929. Republished Mar. 9. Class 23.

Elgin Softener Corporation, Elgin, Ill. Hydrometers. 288,806, Nov. 3, 1931. Republished Mar. 9. Class 26.

Elliott Knitting Mills, Inc., Hickory, N. C. Hosiery. 237,827, renewed Jan. 17, 1948. O. G. Mar. 9. Class 39.

Ellmore Silver Co., Inc., The, Meriden, Conn. Shallow dishware. 437,298, Mar. 9; Serial No. 525,202, published Dec. 16, 1947. Class 28.

Emerson Radio and Phonograph Corporation: *See*—
Wasmuth-Goodrich Company.

Empire State Flour Mills, Buffalo, N. Y., by Standard Milling Company, Chicago, Ill. Wheat flour. 298,934, Nov. 15, 1932. Republished Mar. 9. Class 46.

Eubòolithwerke A. G. in Olten: *See*—
Eubòolithwerke A.-G. in Olten.

Eubòolithwerke A.-G. in Olten, Olten, Switzerland, to Eubòolithwerke A. G. in Olten, Canton of Solothurn, Switzerland. Jointless floors, wainscoting panels, cealings, etc. 230,212, renewed July 19, 1947. O. G. Mar. 9. Class 12.

Faessler, J., Mfg. Co., The: *See*—
Faessler, J., Manufacturing Co.

Faessler, J., Manufacturing Co., to The J. Faessler Mfg. Co., Moberly, Mo. Tools. 68,996, re-renewed May 12, 1948. O. G. Mar. 9. Class 23.

Fairclough & Gold, Inc., Boston, Mass. Marquisette for curtains, casement cloth for draperies, and gauze for curtains. 236,125, renewed Dec. 6, 1947. O. G. Mar. 9. Class 42.

Falstaff Brewing Corporation, St. Louis, Mo. Malt beverages. 317,072, Sept. 11, 1934. Republished Mar. 9. Class 48.

Fiberloid Corporation, The, Indian Orchard, Mass., by Monsanto Chemical Company, St. Louis, Mo. Cellulose acetate material. 295,405, June 28, 1932. Republished Mar. 9. Class 1.

Field Enterprises, Inc., Chicago, Ill. Comic strip in a daily newspaper. 437,246, Mar. 9; Serial No. 521,657, published Dec. 2, 1947. Class 38.

Firestone Tire & Rubber Company, The, Akron, Ohio. Women's hats, jackets, blouses, etc. 437,105, Mar. 9; Serial No. 498,830, published Dec. 9, 1947. Class 39.

Fischer, Mary E., doing business as Small Fry Service, Portland, Oreg. Booklets published monthly. 437,178, Mar. 9; Serial No. 514,808, published Dec. 9, 1947. Class 38.

Fitger Brewing Company, Duluth, Minn. Beer. 437,231, Mar. 9; Serial No. 520,942, published Dec. 2, 1947. Class 48.

Florin, Philip, Inc., New York, N. Y. Wallets. 437,212, Mar. 9; Serial No. 519,324, published Nov. 18, 1947. Class 3.

Flotill Products, Incorporated, Stockton, Calif. Canned fruits, canned vegetables and canned tomato paste. 437,199, Mar. 9; Serial No. 517,628, published Nov. 11, 1947. Class 46.

Force, Gerald E., Washington, D. C. Recipe chart for mixed drinks. 437,215, Mar. 9; Serial No. 519,745, published Dec. 9, 1947. Class 38.

Ford, Luther, & Company, by Luther Ford Products Company, Minneapolis, Minn. Bluing. 312,411, Apr. 24, 1934. Republished Mar. 9. Class 6.

Ford, Luther, Products Company: *See*—
Ford, Luther, & Company.

Forest City Domestic Products Company, The, Cleveland, by H. M. Sinclair, Jr., trustee for the Sinclair Manufacturing Company, Toledo, Ohio. Liquid chemical deodorizer, cleaner, disinfectant, sterilizer. 317,586, Oct. 2, 1934. Republished Mar. 9. Class 6.

40 Below Beverage Company: *See*—
Dupont Pharmacy, Inc.

Frampton Company, The, Newark, N. J. and New York, N. Y., to Royal Society, Inc., New York, N. Y. Material or fabric stamped for art embroidery. 235,089, renewed Nov. 8, 1947. O. G. Mar. 9. Class 40.

Franco Corset Company, New York, N. Y. Corsets. 310,730, Mar. 6, 1934. Republished Mar. 9. Class 39.

Frenchef Products Co.: *See*—
Gregoire, Donald G.

Fruitvale Canning Company: *See*—
Pacific Coast Canners, Inc.

Garcia & Maggini Co., to A. Asher, doing business as Albert Asher Co., San Francisco, Calif. Green and dried fruits, fresh vegetables, etc. 211,034, renewed Mar. 30, 1946. O. G. Mar. 9. Class 46.

Gates Rubber Company, The, Denver, Colo. Automobile fan and generator belts, transmission belting, vehicle tires, etc. 291,991, Mar. 1, 1932. Republished Mar. 9. Class 35.

Gates Rubber Company, The, Denver, Colo. Sheaves and pulleys. 314,673, July 3, 1934. Republished Mar. 9. Class 23.

Gebhardt Chili Powder Co., San Antonio, Tex. Chili spice preparation. 68,358, re-renewed Mar. 31, 1948. O. G. Mar. 9. Class 46.

Geigy Company, Inc., New York, N. Y. Diuretic remedy. 437,263, Mar. 9; Serial No. 522,780, published Dec. 9, 1947. Class 6.

Geigy Company, Inc., New York, N. Y. Medicines and pharmaceuticals. 437,264, Mar. 9; Serial No. 522,781, published Dec. 16, 1947. Class 6.

Geisha Robe Co., New York, N. Y. Ladies', misses', and girls' house coats and lounging robes. 500,007, Mar. 9. Class 39.

General Chemical Company, New York, N. Y. Reagent chemicals. 437,081, Mar. 9; Serial No. 481,063, published Dec. 9, 1947. Class 6.

General Cigar Co., Inc., New York, N. Y. Chewing and smoking tobacco. 437,155, Mar. 9; Serial No. 512,327, published Dec. 9, 1947. Class 17.

General Fireproofing Company, The, Youngstown, Ohio. Safes, filing safes, note cases, etc. 287,258, Sept. 15, 1931. Republished Mar. 9. Class 25.

General Fireproofing Co., The, Youngstown, Ohio. Filing cabinets. 341,802, Dec. 22. Republished Mar. 9. Class 32.

General Mills, Inc.: *See*—
Washburn Crosby Company.

General Tire & Rubber Company, The, Akron, Ohio. Storage batteries. 311,281, Mar. 20, 1934. Republished Mar. 9. Class 21.
Globe-Union Inc.: *See*—
Globe-Union Mfg. Co.
Globe-Union Mfg. Co., by Globe-Union Inc., Milwaukee, Wis. Skates, ice skates and roller. 287,285. Sept. 15, 1931. Republished Mar. 9. Class 22.
Globe-Wernicke Co., The, Norwood, Ohio. Paper files. 256,097, May 7, 1929. Republished Mar. 9. Class 37.
Globe-Wernicke Co., The, Norwood, Ohio. File drawers or boxes for record files. 323,710, Apr. 30, 1935. Republished Mar. 9. Class 32.
Golding Bros. Company, Inc., New York, N. Y. Oilcloth. 437,311, Mar. 9. Class 20.
Good Business: *See*—
Judd, Clarence.
Goodman Bros., Chicago, Ill. Wool yarn and cotton yarn. 437,254, Mar. 9; Serial No. 522,188, published Dec. 2, 1947. Class 43.
Gottfried Company, The, Cleveland, Ohio. Ladies' dresses. 320,829, Jan. 8, 1935. Republished Mar. 9. Class 39.
Gradias, Annis & Co., Inc., Tampa, Fla. Cigars. 437,177, Mar. 9; Serial No. 514,603, published Dec. 16, 1947. Class 17.
Graham Paper Company, St. Louis, Mo. Printing and writing paper. 66,549–55, re-renewed Dec. 10, 1947. O. G. Mar. 9. Class 37.
Graham Paper Company, St. Louis, Mo. Printing and writing paper. 66,590–2, re-renewed Dec. 17, 1947. O. G. Mar. 9. Class 37.
Graham Paper Company, St. Louis, Mo. Printing and writing paper. 67,377–8, re-renewed Jan. 28, 1948. O. G. Mar. 9. Class 37.
Graham, William, & Company, by The Warner-Graham Company, Baltimore, Md. Turpentine and linseed oil. 299,273, Nov. 29, 1932. Republished Mar. 9. Class 16.
Great Atlantic and Pacific Tea Company, The: *See*—
Yukon Club Company.
Greenfield Tap and Die Corporation, Greenfield, Mass. Bit brace tools, bolt cutters, horse-shoers', etc. 289,804, Dec. 8, 1931. Republished Mar. 9. Class 23.
Gregoire, Donald G., doing business as Frenchef Products Co., Manchester, N. H. Sandwich spread. 437,225, Mar. 9; Serial No. 520,456, published Dec. 9, 1947. Class 46.
Guth, Edwin F., Company, The, St. Louis, Mo. Electric-lighting fixtures. 258,355, July 2, 1929. Republished Mar. 9. Class 21.
Haas, John I., Inc., Washington, D. C. Hops. 287,205, Sept. 15, 1931. Republished Mar. 9. Class 1.
Haley Cate Company, Inc., Everett, Mass. Textile and leather binding and trimming tape. 437,260, Mar. 9; Serial No. 522,347, published Dec. 9, 1947. Class 40.
Hardwick Stove Company, Cleveland, Tenn. Gas ranges and gas stoves and parts thereof. 437,113–14, Mar. 9; Serial Nos. 503,368–9, published Dec. 9, 1947. Class 34.
Harvey, G. F., Company, The, Saratoga Springs, N. Y. Medicinal preparation. 437,293, Mar. 9; Serial No. 524,603, published Dec. 16, 1947. Class 6.
Hat Corporation of America, Norwalk, Conn. Hats for men. 437,237, Mar. 9; Serial No. 521,331, published Dec. 2, 1947. Class 39.
Heald Machine Company, The, Worcester, Mass. Machines. 292,921, Mar. 29, 1932. Republished Mar. 9. Class 23.
Heatbath Corporation, Indian Orchard, Mass. Chemicals for use in metal processing baths. 437,270, Mar. 9; Serial No. 523,128, published Dec. 16, 1947. Class 6.
Heineman & Lovett Company, Detroit, Mich. Waterproofing compound material. 437,096, Mar. 9; Serial No. 491,715, published Dec. 9, 1947. Class 12.
Heller, R. C., Co. Inc., Baltimore, Md. Mattresses and bed springs. 437,182, Mar. 9; Serial No. 515,838, published Oct. 14, 1947. Class 32.
Hercules Powder Company, Wilmington, Del. Rosin size. 437,205, Mar. 9; Serial No. 518,224. Publication waived. Class 6.
Hewitt Bros. Soap Company, by The Hewitt Soap Company, Inc., Dayton, Ohio. Soap. 286,888, Sept. 8, 1931. Republished Mar. 9. Class 4.
Hewitt Soap Company, Inc., The: *See*—
Hewitt Bros. Soap Company, The.
Hickok Manufacturing Co. Inc., Rochester, N. Y. Collar buttons, collar holders, tie holders, etc. 437,274, Mar. 9; Serial No. 523,668, published Dec. 16, 1947. Class 28.
Hill, Frederick B., Jr., doing business as S & W Moulding Company, Columbus, Ohio. Plastic wall tie. 437,136, Mar. 9; Serial No. 507,399, published Dec. 9, 1947. Class 12.
Hill-Shaw Company, by Hill-Shaw Company, Chicago, Ill. Glass Coffee brewers. 285,964, Aug. 11, 1931. Republished Mar. 9. Class 13.
Hillman Periodicals, Inc., New York, N. Y. Magazine or publication. 437,174, Mar. 9; Serial No. 514,416, published Dec. 9, 1947. Class 38.
Hoffman, H., Co.: *See*—
Hoffman, Harold.
Hoffman, Harold, doing business as H. Hoffman Co., Chicago, Ill. Keys, locks, and parts thereof. 437,090, Mar. 9: Serial No. 489,070, published Nov. 4, 1947. Class 25.
Hollenbach, Chas., to Chas. Hollenbach Inc., Chicago, Ill. Meat roll. 234,533, renewed Nov. 1, 1947. O. G. Mar. 9. Class 46.
Hollenbach, Chas., Inc.: *See*—
Hollenbach, Chas.
Holman, H. J., & Sons Inc., to Lakeland Mfg. Co., Sheboygan, Wis. Men's and boys' cotton, silk, wool, and flannel negligee, work and dress shirts; etc. 240,479, renewed Mar. 27, 1948. O. G. Mar. 9. Class 39.
Holmead, Mignon D.: *See*—
Patterson, Mignon H.
Hoover, Hubbard, New York, N. Y. Newspaper and magazine column. 437,122, Mar. 9; Serial No. 504,764, published Dec. 9, 1947. Class 38.
Hot Kap Manufacturing Company: *See*—
Schindler, Walter R.
House of Correa, Inc., Boston, Mass. Therapeutic chewing gum. 437,163, Mar. 9; Serial No. 513,113, published Dec. 16, 1947. Class 6.
Howe & French, Inc., Boston, Mass. Adhesive liquid cement. 287,211, Sept. 15, 1931. Republished Mar. 9. Class 5.
Howe & French, Inc., Boston, Mass. Floor and linoleum finish. 298,142, Oct. 11, 1932. Republished Mar. 9. Class 16.
Hudnut, Richard, New York, N. Y. Charts for color analysis. 437,079, Mar. 9; Serial No. 479,938, published Dec. 9, 1947. Class 38.
Hudnut, Richard, New York, N. Y. Lipstick and rouge. 437,175, Mar. 9; Serial No. 514,477, published Dec. 16, 1947. Class 6.
Hudnut, Richard, New York, N. Y. Rouge and lipstick. 437,210, Mar. 9; Serial No. 518,888, published Dec. 9, 1947. Class 6.
Hunt, Robert W., Co., Chicago, Ill. Rail anchors, reinforcement bars, crossings, etc. 241,201, renewed Apr. 17, 1948. O. G. Mar. 9. Class 14.
Imperial Chemical Industries, Limited, Slough, England. Organic dyes. 437,086, Mar. 9; Serial No. 484,256, published Dec. 16, 1947. Class 6.
Inderrieden, J. B., Co., The, Chicago, Ill. Foods. 318,634, Oct. 30, 1934. Republished Mar. 9. Class 46.
Insultex Co., Detroit, Mich. Fibrous rock wool insulation; asphalt shingle type roofing and siding. 437,152, Mar. 9; Serial No. 511,276, published Dec. 9, 1947. Class 12.
International Cellucotton Products Company: *See*—
Cellulose Products Corporation.
Kotex Company.
San-I-Sal Laboratories, Inc.
Iteco Dental Manufacturing Company, Portland, Oreg. Elastic dental impression material. 437,126, Mar. 9; Serial No. 506,107, published Dec. 16, 1947. Class 44.
Jackette Beverage Co.: *See*—
Shimanovsky, Jack.
Jacobs, F. L., Co., Detroit, Mich. Clothes washing machines. 500,006, Mar. 9. Class 24.
Jenkins, George O., Company, Bridgewater, Mass. Leatherboard. 292,677, Mar. 22, 1932. Republished Mar. 9. Class 1.
Jergens, Andrew, Company, The, Cincinnati, Ohio. Perfume. 437,120, Mar. 9; Serial No. 504,493, published Sept. 2, 1947. Class 6.
Johnson Products, Inc., Indianapolis, Ind. Leather shoes. 437,308, Mar. 9. Class 39.
Jones, Sadie M., doing business as Sadies's, Jackson, Miss. Hair oil. 437,216, Mar. 9: Serial No. 519,755, published Dec. 9, 1947. Class 6.
Jordan Stevens Company, Minneapolis, Minn. Macaroni, spaghetti, and egg noodles. 237,531, renewed Jan. 10, 1948. O. G. Mar. 9. Class 46.
Judd, Clarence, doing business as Good Business, Mount Kisco, N. Y., assignor to Amos Parrish & Company, Inc., New York, N. Y. Publication issued periodically. 437,227, Mar. 9; Serial No. 520,630, published Dec. 9, 1947. Class 38.
Karmelenski, Robert, doing business as Western Woolen Co., San Francisco, Calif. Woolens. 238,887, renewed Feb. 14, 1948. O. G. Mar. 9. Class 42.
Kathryn, Inc., assignee: *See*—
Daumit, Kay.
Kaumagraph Company, Wilmington, Del. Stamping and printing inks and ink solvents. 437,300, Mar. 9; Serial No. 525,336, published Dec. 16, 1947. Class 11.
Keasbey & Mattison Company: *See*—
Ambler Asbestos Shingle & Sheathing Company.
Asbestos Shingle, Slate & Sheathing Company.
Keasbey & Mattison Company, by Keasbey & Mattison Company (1934), Ambler, Pa. Insulation products. 309,466, Jan. 16, 1934. Republished Mar. 9. Class 12.
Keasbey & Mattison Company, by Keasbey & Mattison Company (1934), Ambler, Pa. Magnesium carbonate and magnesium oxide. 316,667, Sept. 4, 1934. Republished Mar. 9. Class 6.
Keasbey & Mattison Company, by Keasbey & Mattison Company (1934), Ambler, Pa. Asbestos cement boards, composition boards, wall board, etc. 324,720, May 28, 1935. Republished Mar. 9. Class 12.
Keasbey & Mattison Company, by Keasbey & Mattison Company (1934), Ambler, Pa. Asbestos cements, asbestos paper, asbestos shingles, etc. 316,761, Sept. 4, 1934. Republished Mar. 9. Class 12.

Keasbey & Mattison Company, by Keasbey & Mattison Company (1934), Ambler, Pa. Asbestos packings. 317,265, Sept. 18, 1934. Republished Mar. 9. Class 35.
Keasbey & Mattison Company, by Keasbey & Mattison Company (1934), Ambler, Pa. Asbestos threads, asbestos yarns, asbestos flat thread tapes. 317,711, Oct. 2, 1934. Republished Mar. 9. Class 43.
Keasbey & Mattison Company (1934): *See*—
Keasbey & Mattison Company.
Kellogg Seed Company, Milwaukee, Wis. Lawn grass seed. 284,354, June 23, 1931. Republished Mar. 9. Class 1.
Kellogg Seed Company, Milwaukee, Wis. Lawn grass seed. 284,395, June 23, 1931. Republished Mar. 9. Class 1.
Kerfoot, Thomas, & Co., Limited, Bardsley, Lancashire, England. Anaesthetics, antacids, laxatives. 437,292, Mar. 9; Serial No. 524,581, published Dec. 9, 1947. Class 6.
Kerr Brothers, Toronto, Ontario, Canada, to Kerr's Butter Scotch, Inc., Jamesburg, N. J. Butter scotch. 66,799, re-renewed Dec. 31, 1947. O. G. Mar. 9. Class 46.
Kerr's Butter Scotch, Inc.: *See*—
Kerr Brothers.
Kett Tool Company, The, Cincinnati, Ohio. Electrically operated tools. 437,316, Mar. 9. Class 21.
Key Ribbon and Carbon Company, Philadelphia, Pa. Inked ribbons, and carbon paper. 437,128–30, Mar. 9; Serial Nos. 506,755–7, published Dec. 16, 1947. Class 11.
Kimberly-Clark Corporation, Neenah, Wis. Manicuring squares. 312,818, May 8, 1934. Republished Mar. 9. Class 44.
Kingfisher Press, The: *See*—
Muir, Denis.
Kirk, James S., & Company, Chicago, Ill., by The Procter & Gamble Company, Cincinnati, Ohio. Soap. 229,232, June 21, 1927. Republished Mar. 9. Class 4.
Knitster, Inc., Los Angeles, Calif. Cotton sweaters. 437,239, Mar. 9; Serial No. 521,393, published Dec. 9, 1947. Class 39.
Knitted Padding Company, Canton, Mass. Knitted cotton padding, table pads, and bed pads. 210,076, Mar. 9, 1926. Republished Mar. 9. Class 42.
Knowlton Dandering Co., The, Chicago, Ill., to Sterling Drug Inc., Wilmington, Del. Liquid preparation. 67,416, re-renewed Feb. 4, 1948. O. G. Mar. 9. Class 6.
Kotex Company, by International Cellucotton Products Company, Chicago, Ill. Sanitary belts. 265,413, Dec. 24, 1929. Republished Mar. 9. Class 44.
Kotex Company, by International Cellucotton Products Company, Chicago, Ill. Paper towels. 297,536, Sept. 20, 1932. Republished Mar. 9. Class 37.
Kotex Company, assignor to International Cellucotton Products Company, Chicago, Ill., by International Cellucotton Products Company, Chicago, Ill. Deodorant. 324,452, May 21, 1935. Republished Mar. 9. Class 6.
Krantz, Walter M., doing business as Lite House Storm Window Company, Youngstown, Ohio. Storm windows. 437,209, Mar. 9; Serial No. 518,766, published Dec. 9, 1947. Class 12.
Krause, Charles, doing business as Montana Cereal Co., to Montana Cereal Company, Billings, Mont. Wheat breakfast cereals. 227,186, renewed May 3, 1947. O. G. Mar. 9. Class 46.
Kronenberg, Marvin H., doing business as Vision Research Laboratories, Kew Gardens, N. Y. Books of scientific instruction in radio. 437,171, Mar. 9; Serial No. 513,826, published Dec. 9, 1947. Class 38.
La Chez Manufacturing Co., New York, N. Y. Infants', children's, ladies', etc., pajamas, nightgowns, and bed jackets. 437,279, Mar. 9; Serial No. 523,897, published Dec. 9, 1947. Class 39.
Lakeland Mfg. Co.: *See*—
Holman, H. J., & Sons Inc.
Landers, Frary & Clark, New Britain, Conn. Meat carvers, beef carvers, and breakfast carvers. 234,826, renewed Nov. 8, 1947. O. G. Mar. 9. Class 23.
Latisteel Corporation of California, Pasadena, Calif. Siding panels of steel, and aluminum. 437,087, Mar. 9; Serial No. 487,049, published Dec. 2, 1947. Class 12.
Lattner Brothers Machining Company, Detroit, Mich. Empty metal squeeze cans. 437,112, Mar. 9; Serial No. 502,304, published Dec. 16, 1947. Class 2.
Laucks, I. F., Inc., Seattle, Wash., by Monsanto Chemical Company, St. Louis, Mo. Cold water paints and calcimines. 323,308, Apr. 9, 1935. Republished Mar. 9. Class 16.
Lavalon Laboratories: *See*—
Mingus, Maude A.
Law, John W.: *See*—
Law, John W., Co.
Law, John W., Co., also doing business as John W. Law, Santa Maria and Guadalupe, Calif. Fresh vegetables. 437,257, Mar. 9; Serial No. 522,256, published Nov. 25, 1947. Class 46.
Leach Company, Oshkosh, Wis. Shovels. 289,575, Dec. 1, 1931. Republished Mar. 9. Class 23.
Lee Brothers (Overwear) Ltd., London, England. Motor robes. 236,196, Dec. 6, 1927. Corrected. O. G. Mar. 9. Class 42.
Lefkowitz, Louis, & Bro., Inc., New Brunswick, N. J. Leather safety straps. 437,315, Mar. 9. Class 40.
Lentheric, Incorporated, New York, N. Y. Perfumes, toilet waters, and cosmetic creams. 437,109, Mar. 9; Serial No. 499,790, published Oct. 8, 1946. Class 6.
Les Cisterciennes Reformees, Levis, Quebec, Canada. Chocolate candy bars. 437,168, Mar. 9; Serial No. 513,582, published Nov. 11, 1947. Class 46.
Le Sonier, Inc., Boston, Mass. Handkerchief cases, lingerie cases and utility cases, all perfumed, etc. 437,078, Mar. 9; Serial No. 479,882, published Dec. 9, 1947. Class 40.
Linen Thread Co., Inc., The, New York, N. Y. Thread. 437,275, Mar. 9; Serial No. 523,690, published Nov. 11, 1947. Class 43.
Lingold, Inc., New York, N. Y. Yarn and thread. 437,272, Mar. 9; Serial No. 523,319, published Dec. 2, 1947. Class 43.
Linnea Perfumes, Inc., Chicago, Ill. Colognes and perfumes. 437,200, Mar. 9; Serial No. 517,787, published Dec. 16, 1947. Class 6.
Lite House Storm Window Company: *See*—
Krantz, Walter M.
Lockwood Hardware Manufacturing Co., Fitchburg, Mass. Door and closet lock sets, locks, latches, etc. 437,135, Mar. 9; Serial No. 507,201, published Sept. 9, 1947. Class 25.
Lorillard, P., Company, New York, N. Y. Plug cut tobacco. 437,301, Mar. 9; Serial No. 525,352, published Dec. 9, 1947. Class 17.
Lorillard, P., Company, New York, N. Y. Cigarettes. 437,302, Mar. 9; Serial No. 525,491, published Dec. 16, 1947. Class 17.
Lorillard, P., Company, New York, N. Y. Cigars. 437,305, Mar. 9; Serial No. 525,620, published Dec. 16, 1947. Class 17.
Loring Coes Company: *See*—
Loring Coes & Co., Inc.
Loring Coes & Co., Inc., by Loring Coes Company, Worcester, Mass. Machine knives. 255,772, Apr. 30. 1929. Republished Mar. 9. Class 23.
Lovalon Laboratories: *See*—
Mingus, Maude A.
Lubrizol Corporation, The, Wickliffe, Ohio. Chemical compounds, mixtures of chemical compounds, and oil solutions, etc. 437,121, Mar. 9; Serial No. 504,568, published Dec. 9, 1947. Class 6.
Lucky Strike Patch Company: *See*—
Egan, Henry B.
Magnolia Metal Company, Elizabeth, N. J. Bearing alloys. 292,998, Apr. 5, 1932. Republished Mar. 9. Class 14.
Maintenance Engineering Company, Philadelphia, Pa. Patching and waterproofing material. 437,142, Mar. 9; Serial No. 508,454, published Dec. 2, 1947. Class 12.
Manufacturing and Tool Corporation, Burlington, Vt. Insecticidal bulbs and fire extinguisher bulbs, etc. 437,132, Mar. 9; Serial No. 507,132, published Dec. 9, 1947. Class 6.
Maple Leaf Milling Company, Limited, Toronto, Ontario, Canada. Biscuit flour. 437,165, Mar 9; Serial No. 513,324, published Nov. 18, 1947. Class 46.
Margolin, Max, New York, N. Y. Utility bags. 437,294, Mar. 9; Serial No. 524,711, published Nov. 18, 1947. Class 3.
Marin, Licoreria, Inc., Mayaguez, P. R. Distilled alcoholic spirits. 437,103, Mar. 9; Serial No. 497,315, published Dec. 2, 1947. Class 49.
Marion Shoe Company, Marion, Ind., by Weyenberg Shoe Manufacturing Company, Milwaukee, Wis. Shoes. 314,490, July 5, 1934. Republished Mar. 9. Class 39.
Maritime Milling Co. Inc., Buffalo, N. Y. Dairy feed and hog feed. 437,276, Mar. 9; Serial No. 523,692, published Dec. 2, 1947. Class 46.
Marlboro Industries, Ltd., Marlboro, N. Y. Wines. 437,184, Mar. 9; Serial No. 516,366, published Oct. 28, 1947. Class 47.
Marshall Field & Company: *See*—
Carolina Cotton & Woolen Mills Company.
Marshall Field & Company, Chicago, Ill. Sheets and pillowcases. 292,327, Mar. 15, 1932. Republished Mar. 9. Class 42.
Marshall Field & Company, Chicago, Ill. Secretaries, chests, desks, etc. 292,477, Mar. 15, 1932. Republished Mar. 9. Class 32.
Marshall, William L., Limited, New York, N. Y. Combinations of plastics with wood veneer, metal, glass, etc. 437,097, Mar. 9; Serial No. 492,330, published Dec. 9, 1947. Class 12.
Master Lock Company, Milwaukee, Wis. Padlocks. 291,756, Feb. 23, 1932. Republished Mar. 9. Class 25.
Master Mechanics Co., The, Cleveland, Ohio. Asphalt type coating. 437,180, Mar. 9; Serial No. 514,969, published Nov. 4, 1947. Class 12.
Matawan Lighter Company, Inc., New York, N. Y. Mechanical cigar and cigarette lighters. 437,088, Mar. 9; Serial No. 487,050, published Nov. 20, 1945. Class 34.
Mattia, Philip A., doing business as Victory Fluid Company, Oak Park, Ill. Hardening arterial embalming fluid, semi-hardening arterial embalming fluid, etc. 437,102, Mar. 9; Serial No. 496,852, published Dec. 9, 1947. Class 6.
Maury-Cole Company, to Canova Foods, Incorporated, Memphis, Tenn. Peanut butter, prepared mustard and mustard bran, etc. 242,654, renewed May 29, 1948. O. G. Mar. 9. Class 46.

May, Jerome F., Asbury Park, N. J. Perfume, toilet water, eau de cologne, etc. 437,290, Mar. 9; Serial No. 524,406, published Dec. 16, 1947. Class 6.
McGaugh, Calvin C., by McGaugh Hosiery Mills, Ltd., Dallas, Tex. Hosiery. 287,851, Oct. 13, 1931. Republished Mar. 9. Class 39.
McGaugh Hosiery Mills, Ltd.: *See*—
McGaugh, Calvin C.
McJilton & Son, Fisher, Ill. Combination wood and iron bridge type gates. 437,261, Mar. 9; Serial No. 522,540, published Dec. 9, 1947. Class 12.
McLaurin-Jones Co., Brookfield, Mass. Gummed box stays and sealing strips. 241,595, renewed May 1, 1948. O. G. Mar. 9. Class 37.
Mearl Corporation, The, Brooklyn, N. Y. Pearl essence. 311,362, Mar. 20, 1934. Republished Mar. 9. Class 16.
Mengel Company, The, Louisville, Ky. Wooden hollow doors. 437,098, Mar. 9; Serial No. 493,377, published Dec. 9, 1947. Class 12.
Merow, Morris, Brooklyn, N. Y. Plastic and cement products. 437,222, Mar. 9; Serial No. 520,225, published Dec. 2, 1947. Class 12.
Mervin Wave Clip Co., Inc., New York, N. Y. Hair curlers. 437,203, Mar. 9; Serial No. 518,091, published Nov. 18, 1947. Class 40.
Metal Industry Publishing Co., Inc., New York, N. Y. Monthly publication. 437,312, Mar. 9. Class 38.
Metalweld, Incorporated, Philadelphia, Pa., by Worthington Pump and Machinery Corporation, Harrison, N. J. Air compressors, pumps, and tools. 245,117, Aug. 7, 1928. Republished Mar. 9. Class 23.
Metropolitan Bias Binding Co., Philadelphia, Pa. Bias binding, waist bands, pipings, etc. 437,190, Mar. 9; Serial No. 516,625, published Dec. 9, 1947. Class 40.
Meyer, Milton J., & Co., Inc., New York, N. Y., assignor to The United States Shoe Company, by The United States Shoe Corporation, Cincinnati, Ohio. Children's leather shoes. 229,174, June 21, 1927. Republished Mar. 9. Class 39.
Michigan City Tanning Company, The, Michigan City, Ind., by Pioneer Suspender Company, Philadelphia, Pa. Leather. 285,064, July 14, 1931. Republished Mar. 9. Class 1.
Midwest Manufacturing and Engineering Corp., Boston, Mass., and New York, N. Y. Smoker's utility boxes. 437,183, Mar. 9; Serial No. 515,891, published Dec. 16, 1947. Class 8.
Mifflin Chemical Company: *See*—
Mifflin Chemical Corporation.
Mifflin Chemical Corporation, to Mifflin Chemical Company, Philadelphia, Pa. Antiseptic solution. 241,140, renewed Apr. 17, 1948. O. G. Mar. 9. Class 6.
Miller, I., & Sons, Inc., Long Island City, N. Y. Traveling bags, hand bags, trunks, etc. 239,840, renewed Mar. 13, 1948. O. G. Mar. 9. Class 3.
Miller, I., & Sons, Inc., Long Island City, N. Y. Ornamental buckles. 240,024, renewed Mar. 20, 1948. O. G. Mar. 9. Class 28.
Minerallac Electric Company, Chicago, Ill. Insulating compound, cables and conduit hangers, etc. 238,418, renewed Feb. 7, 1948. O. G. Mar. 9. Class 21.
Mingus, Maude A., doing business as Lavalon Laboratories, to Lovalon Laboratories. Hair rinses. 225,855, renewed Mar. 29, 1947. O. G. Mar. 9. Class 6.
Minneapolis Brewing Company, Minneapolis, Minn. Beer. 313,730, June 5, 1934. Republished Mar. 9. Class 48.
Minneapolis-Honeywell Regulator Company: *See*—
Absolute Con-Tac-Tor Corporation.
Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature-controlled valves. 282,192, Apr. 14, 1931. Republished Mar. 9. Class 26.
Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Combination time and thermostatic temperature controls. 318,553, Oct. 30, 1934. Republished Mar. 9. Class 26.
Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Remotely located weather condition responsive control apparatus. 323,780, Apr. 30, 1935. Republished Mar. 9. Class 26.
Mints, Jack, New York, N. Y. Horse-radish. 252,362, renewed Feb. 5, 1949. O. G. Mar. 9. Class 46.
Monarch Wine Company of Georgia, Atlanta, Ga. Wines. 437,258, Mar. 9; Serial No. 522,277, published Dec. 9, 1947. Class 47.
Monsanto Chemical Company: *See*—
Fiberloid Corporation, The.
Laucks, I. F., Inc.
Monsanto Chemical Works.
Rubber Service Laboratories Company, The.
Monsanto Chemical Works, by Monsanto Chemical Company, St. Louis, Mo. Plasticizers or softeners. 265,127. Dec. 17. 1929. Republished Mar. 9. Class 6.
Montana Cereal Co.: *See*—
Krause, Charles.
Montana Cereal Company: *See*—
Montana Cereal Co.
Morris, Harry, Associates, Chicago, Ill. Handbags, billfolds, card cases, etc. 437,207, Mar. 9; Serial No. 518,475, published Nov. 18, 1947. Class 3.
Morris, Harry, Associates, Chicago, Ill. Handbags, billfolds, card cases, etc. 437,242, Mar. 9; Serial No. 521,589, published Nov. 11, 1947. Class 3.
Moss, T. J., Tie Company, St. Louis, Mo. Railroad crossties, railroad switch ties, timbers. 262,756, Oct. 22, 1929. Republished Mar. 9. Class 12.
Motloid Company, Inc., The, Chicago, Ill. Device for determining exact centric relationship in the making of full and partial, upper or lower, dentures, etc. 437,144, Mar. 9; Serial No. 509,024, published Dec. 9, 1947. Class 44.
Mo-Zell Hosiery, Philadelphia, Pa. Women's hosiery. 437,280, Mar. 9; Serial No. 523,917, published Dec. 9, 1947. Class 39.
Muehlebach, George, Brewing Company, Kansas City, Mo. Canned and bottled beer. 437,256, Mar. 9; Serial No. 522,222, published Dec. 9, 1947. Class 48.
Mueller Brass Co., Port Huron, Mich. Nonferrous-metal pipe, pipe fittings, bolts, etc. 240,686, renewed Apr. 3, 1948. O. G. Mar. 9. Class 13.
Mueller Brass Co., Port Huron, Mich. Nonferrous-metal pipe, pipe fittings, bolts, etc. 241,170, renewed Apr. 17, 1948. O. G. Mar. 9. Class 13.
Mueller, L. J., Furnace Company, Milwaukee, Wis. Warm air heating and air conditioning systems. 298,115, Oct. 11, 1932. Republished Mar. 9. Class 34.
Muir, Denis, doing business as The Kingfisher Press, San Anselmo, Calif. Printed books. 437,137, Mar. 9; Serial No. 507,588, published Dec. 9, 1947. Class 38.
Mundet Cork Corporation, New York and Brooklyn, N. Y. Cork insulation, cork boards and pipe coverings. 437,243, Mar. 9; Serial No. 521,593, published Nov. 11, 1947. Class 12.
Mundet Cork Corporation, Brooklyn, N. Y. Cork insulation, cork boards, and cork pipe covering. 437,244, Mar. 9; Serial No. 521,595, published Nov. 11, 1947. Class 12.
Munsingwear, Inc., Minneapolis, Minn. Women's sleeping gowns and sleeping pajamas. 437,204, Mar. 9; Serial No. 518,165, published Dec. 2, 1947. Class 39.
Muralo Company, Inc., The, New Brighton, N. Y. Surfacing compound. 241,186, renewed Apr. 17, 1948. O. G. Mar. 9. Class 16.
National Aluminum Products Co., Canton, Ohio. Sheet metal ship lap siding. 437,169, Mar. 9; Serial No. 518,677, published Dec. 9, 1947. Class 12.
National Laymen's Evangelistic Association, Inc., Charlotte, N. C. Monthly magazine. 437,245, Mar. 9; Serial No. 521,603, published Dec. 9, 1947. Class 38.
Neisler Mills, Inc.: *See*—
Patricia Mills, Inc.
Nelson-Eismann Company, The, Chicago, Ill. Typewriter ribbons. 266,618, Jan. 28, 1930. Republished Mar. 9. Class 11.
Newman Pharmacal Company, Louisville, Ky. Antiseptic and deodorant powder. 241,087, renewed Apr. 17, 1948. O. G. Mar. 9. Class 6.
Newnan Cotton Mills, Newnan, Ga. Thread and yarns. 437,218, Mar. 9; Serial No. 520,118, published Nov. 18, 1947. Class 43.
New Yorker Magazine, Inc., The, New York, N. Y. Magazine column. 437,250, Mar. 9; Serial No. 521,980, published Dec. 2, 1947. Class 38.
New Zanesville Provision Co., The, to Zanesville Provision Company, Zanesville, Ohio. Meats. 223,001, renewed Jan. 11, 1947. O. G. Mar. 9. Class 46.
Niku Company, Inc., The, New York, N. Y. Perfume dispensers. 437,214, Mar. 9; Serial No. 519,687, published Nov. 18, 1947. Class 2.
Nina de Lisle: *See*—
Norris, Elizabeth.
Norris, Elizabeth, doing business as Nina de Lisle, New York, N. Y. Perfume and toilet water. 437,219, Mar. 9; Serial No. 520,115, published Dec. 16, 1947. Class 6.
Norvell-Shapleigh Hardware Company, to Shapleigh Hardware Company, St. Louis, Mo. Augers, auger-bits, reamers, etc. 68,010, re-renewed Mar. 3, 1948. O. G. Mar. 9. Class 23.
Nyko, Incorporated: *See*—
Nyko Laboratories, Inc.
Nyko, Incorporated, Chicago, Ill. Powder material. 320,833, Jan. 8, 1935. Republished Mar. 9. Class 4.
Nyko Laboratories, Inc., by Nyko, Incorporated, Chicago, Ill. Brushes. 310,274, Feb. 13, 1934. Republished Mar. 9. Class 29.
Nyko Laboratories, Inc., by Nyko, Incorporated, Chicago, Ill. Denture adherent powder. 310,275, Feb. 13, 1934. Republished Mar. 9. Class 6.
Oelerich & Berry Company, Chicago, Ill. Jams and jellies. 318,126, May 15, 1934. Republished Mar. 9. Class 46.
Oelerich & Berry Company, Chicago, Ill. Molasses. 316,439, Aug. 28, 1934. Republished Mar. 9. Class 46.
Oliver Corporation, The: *See*—
Cleveland Tractor Company, The.
Omar, Inc., New York, N. Y. Precious and non-precious ornamental jewelry. 437,252, Mar. 9; Serial No. 521,991, published Dec. 16, 1947. Class 28.
Oneida Ltd., Sherrill and Oneida, N. Y. Sterling silver flat tableware. 437,281, Mar. 9; Serial No. 523,982, published Dec. 16, 1947. Class 28.
Oneida Ltd., Sherrill and Oneida, N. Y. Silverplated flat tableware. 437,282, Mar. 9; Serial No. 523,989, published Dec. 16, 1947. Class 28.
Oneida Ltd., Sherrill and Oneida, N. Y. Silverplated flat tableware. 437,283, Mar. 9; Serial No. 523,991, published Dec. 16, 1947. Class 28.

One Mor, Inc., Wilkes-Barre, Pa. Nonalcoholic, noncereal, maltless beverages. 437,150, Mar. 9; Serial No. 510,858, published Dec. 2, 1947. Class 45.
Oppenheim, Collins & Co. Inc.: *See*—
Oppenheim, Collins & Co., Inc.
Oppenheim, Collins & Co., Inc., New York, N. Y., and Cleveland, Ohio, to Oppenheim, Collins & Co. Inc., New York, N. Y. Ladies' and misses' dresses. 240,598, renewed Apr. 3, 1948. O. G. Mar. 9. Class 39.
Orange Belt Fruit Distributors, Pomona, Calif. Fresh citrus fruits. 437,268, Mar. 9; Serial No. 523,003, published Nov. 25, 1947. Class 46.
Orange Crush-Bottling Co., The, to Boone Rock Bottling Company, Spencer, N. C. Carbonated, nonalcoholic, noncereal, maltless beverages. 240,941, renewed Apr. 10, 1948. O. G. Mar. 9. Class 45.
Oxnard Citrus Association, Hueneme and Camarillo, Calif., to Oxnard Citrus Association, Hueneme, Calif. Fresh citrus fruits. 240,588, renewed Apr. 3, 1948. O. G. Mar. 9. Class 46.
Pacific Coast Canners, Inc., to Fruitvale Canning Company, Oakland, Calif. Canned fruits. 236,685, renewed Dec. 20, 1947. O. G. Mar. 9. Class 46.
Palmolive-Peet Company, The, Chicago, Ill., to Colgate-Palmolive-Peet Company, Jersey City, N. J. Soap. 239,725, renewed Mar. 18, 1948. O. G. Mar. 9. Class 4.
Pal-O-Pak Insulation Co., Hartland, Wis. Heat insulation. 404,369, Nov. 23, 1943. Corrected. O. G. Mar. 9. Class 12.
Panther Oil & Grease Mfg. Co., Fort Worth, Tex. Liquid asbestos roof coatings and plastic roofing cements. 437,195, Mar. 9; Serial No. 517,426, published Dec. 9, 1947. Class 12.
Parfumerie Caron: *See*—
Daltroff, E., & Cie.
Parke, L. H., Company, Philadelphia, Pa. Coffee, savory, cocoa, etc. 241,944, renewed May 8, 1948. O. G. Mar. 9. Class 46.
Parker Pen Company, The, Janesville, Wis. Desk sets. 255,741, Apr. 30, 1929. Republished Mar. 9. Class 37.
Parker Pen Company, The, Janesville, Wis. Writing ink. 282,550, Apr. 21, 1931. Republished Mar. 9. Class 11.
Parker Pen Company, The, Janesville, Wis. Desk sets. 294,284, May 24, 1932. Republished Mar. 9. Class 37.
Parrish, Amos, & Company, Inc., assignee: *See*—
Judd, Clarence.
Patricia Mills, Inc., to Neisler Mills, Inc., Kings Mountain, N. C. Table napkins. 196,285, renewed Mar. 17, 1945. O. G. Mar. 9. Class 42.
Patterson, Mignon H., now by judicial change of name Mignon Deane Holmead, Washington, D. C. China cups and saucers and other table chinaware. 437,189, Mar. 9; Serial No. 516,568, published Dec. 16, 1947. Class 30.
Penn Metal Company, Cambridge, Mass., by Penn Metal Company, Inc., Boston, Mass. Metal lath. 255,434, Apr. 23, 1929. Republished Mar. 9. Class 12.
Penn Metal Company, Cambridge, Mass., by Penn Metal Company, Inc., Boston, Mass. Metal lathing. 255,453–4, Apr. 23, 1929. Republished Mar. 9. Class 12.
Penn Metal Company, by Penn Metal Company, Inc., Boston, Mass. Metal laths, metal corners, metal corner beads, etc. 306,321, Sept. 12, 1933. Republished Mar. 9. Class 12.
Penn Metal Company, Inc.: *See*—
Penn Metal Company.
Penney, J. C., Company: *See*—
Brown Shoe Company, Inc.
People's Packing Corporation, San Diego, Calif. Canned fish. 437,269, Mar. 9; Serial No. 523,035, published Nov. 25, 1947. Class 46.
Petersen, P. F., Baking Company, Omaha, Nebr. Bread. 309,356, Jan. 9, 1934. Republished Mar. 9. Class 46.
Pfister, Lois, San Francisco, Calif. Guard to prevent the smearing of fingernail polish. 437,277, Mar. 9; Serial No. 523,847, published Dec. 16, 1947. Class 44.
Pfianm, Geo. A., Publisher, Inc., Dayton, Ohio. Periodicals. 437,196–8, Mar. 9; Serial Nos. 517,429–31, published Dec. 9, 1947. Class 38.
Pie Bakeries of America Inc., by Wagner Baking Corporation, Newark, N. J. Pies. 248,210, Oct. 16, 1928. Republished Mar. 9. Class 46.
Pioneer Suspender Company: *See*—
Michigan City Tanning Company, The.
Pioneer Suspender Company, Philadelphia, Pa. Apparel belts, suspenders, braces, and garters. 294,153, May 17, 1932. Republished Mar. 9. Class 39.
Pioneer Suspender Company, Philadelphia, Pa. Buckles. 299,417, Dec. 6, 1932. Republished Mar. 9. Class 40.
Pioneer Suspender Company, Philadelphia, Pa. Belt buckles. 307,982, Nov. 14, 1933. Republished Mar. 9. Class 40.
Pioneer Suspender Company, Philadelphia, Pa. Belt buckles. 308,299, Nov. 28, 1933. Republished Mar. 9. Class 28.
Pioneer Suspender Company, Philadelphia, Pa. Belts. 311,413, Mar. 20, 1934. Republished Mar. 9. Class 39.
Pioneer Suspender Company, Philadelphia, Pa. Men's garters and suspenders. 313,841, June 12, 1934. Republished Mar. 9. Class 39.
Playskool Manufacturing Company: *See*—
Schroeder, John, Lumber Co.
Prebuilt Constructions Limited, London, England. Nonmetallic building materials. 437,140, Mar. 9; Serial No. 507,842, published Nov. 4, 1947. Class 12.
Presco Co., The: *See*—
Richmond, Paul P.
Preservaline Manufacturing Company, The, Brooklyn, N. Y. Ice-cream gelatinous powders, spices, and cereal, etc. 238,895, renewed Feb. 14, 1948. O. G. Mar. 9. Class 46.
Press Publishing Company, to United Feature Syndicate, Inc., New York, N. Y. Title for a comic strip. 236,091, renewed Dec. 6, 1947. O. G. Mar. 9. Class 38.
Presstite Engineering Company, The, St. Louis, Mo. Dry powdered asphalt. 266,832, Feb. 4, 1930. Republished Mar. 9. Class 12.
Price, Paul A., New York, N. Y. Kerosene lamps. 437,291, Mar. 9; Serial No. 524,414, published Nov. 4, 1947. Class 34.
Procter & Gamble Company, The: *See*—
Carman & Co., Inc.
Kirk, James S., & Company.
Procter & Gamble Company, The, Cincinnati, Ohio. Toilet and bath soap. 264,368, Nov. 26, 1929. Republished Mar. 9. Class 4.
Procter & Gamble Company, The, Cincinnati, Ohio. Soap flakes. 287,289, Sept. 15, 1931. Republished Mar. 9. Class 4.
Procter & Gamble Company, The, Cincinnati, Ohio. Soap. 288,302, Oct. 20, 1931. Republished Mar. 9. Class 4.
Procter & Gamble Company, The, Cincinnati, Ohio. Soap. 298,059, Oct. 11, 1932. Republished Mar. 9. Class 4.
Procter & Gamble Company, The, Cincinnati, Ohio. Hydrogenated flaked cottonseed oil. 306,459, Sept. 19, 1933. Republished Mar. 9. Class 46.
Procter & Gamble Company, The, Cincinnati, Ohio. Vegetable shortening. 307,630, Oct. 31, 1933. Republished Mar. 9. Class 46.
Procter & Gamble Company, The, Cincinnati, Ohio. Stearic acid. 311,233, Mar. 20, 1934. Republished Mar. 9. Class 6.
Procter & Gamble Company, The, Cincinnati, Ohio. Shaving cream. 314,260, June 26, 1934. Republished Mar. 9. Class 4.
Procter & Gamble Company, The, Cincinnati, Ohio. Stearic acid. 316,634–5, Aug. 28, 1934. Republished Mar. 9. Class 6.
Public Safety Publishing Co., Inc., New York, N. Y. Publication. 437,313, Mar. 9. Class 38.
Pure Oil Company, The, Chicago, Ill. Lubricating oils and greases. 259,036, July 23, 1929. Republished Mar. 9. Class 15.
Pure Oil Company, The, Chicago, Ill. Kerosene. 264,485, Nov. 26, 1929. Republished Mar. 9. Class 15.
Pure Oil Company, The, Chicago, Ill. Illuminating oils, motor fuel oils, lubricating oils, etc. 275,732, Sept. 30, 1930. Republished Mar. 9. Class 15.
Pure Oil Company, The, Chicago, Ill. Toilet and laundry soap, etc. 291,123, Jan. 26, 1932. Republished Mar. 9. Class 4.
Pure Oil Company, The, Chicago, Ill. Motor fuel oils. 323,183, Apr. 2, 1935. Republished Mar. 9. Class 15.
Pyramid Adjustable Post Company: *See*—
Augustine, Harold B.
Radiant Wash Solution Co.: *See*—
Call, Minnie T.
Real Sport Clothing Company, by Samuel Caplin, doing business as Real Sport Clothing Company, Philadelphia, Pa. Textile fabrics. 316,189, Aug. 21, 1934. Republished Mar. 9. Class 42.
Red Hand Compositions Company, Inc., New York, N. Y. Ready-mixed paint. 238,336, renewed Feb. 7, 1948. O. G. Mar. 9. Class 16.
Red Star Yeast & Products Company, Milwaukee, Wis. Grain alcohol. 282,277, Apr. 14, 1931. Republished Mar. 9. Class 49.
Regal Shoe Company, Whitman, Mass. Leather boots and shoes. 262,996, Oct. 29, 1929. Republished Mar. 9. Class 39.
Reliance Dental Mfg. Co., Chicago, Ill. Impression cement for use by dentists. 437,235, Mar. 9; Serial No. 521,208, published Dec. 16, 1947. Class 44.
Reno Wallet Company, Reno, Nev. Cigarette cases. 437,157, Mar. 9; Serial No. 512,610, published Dec. 16, 1947. Class 8.
Residex Corporation: *See*—
Western Exterminating Co., Inc.
Reynolds Metals Company, Richmond, Va. Textile yarn. 437,100, Mar. 9; Serial No. 495,098, published July 8, 1947. Class 43.
Richards, Zoe Morgan, London, England. Women's bust supporters, women's and children's knitted or textile underwear, etc. 203,023, renewed Sept. 8, 1945. O. G. Mar. 9. Class 39.
Richmond, Paul P., doing business as The Presco Co., Kansas City, Mo. Chemical product. 437,110, Mar. 9; Serial No. 500,489, published Dec. 9, 1947. Class 6.
Rixson, Oscar C., Company, The, Chicago, Ill. Builders' hardware. 286,731, Sept. 1, 1931. Republished Mar. 9. Class 13.
Roberts Coffee Company, The, Cleveland, Ohio. Coffee. 258,397, July 9, 1929. Republished Mar. 9. Class 46.

Robertson, H. H., Company, Pittsburgh, Pa. Metal floors, corrugated metal sheets, laminated metal sheets, etc. 437,083, Mar. 9; Serial No. 483,147, published Dec. 2, 1947. Class 12.

Robertson, H. H., Company, Pittsburgh, Pa. Metal sheets protected by coating material, metal floors, corrugated metal sheets, etc. 437,084, Mar. 9; Serial No. 483,151, published Dec. 2, 1947. Class 12.

Robinson Milling Company, The, Salina, Kans. Plain flour and a self-rising flour. 265,109, Dec. 17, 1929. Republished Mar. 9. Class 46.

Rohm & Haas Company, Philadelphia, Pa. Enzyme preparation. 437,271, Mar. 9; Serial No. 523,280, published Dec. 16, 1947. Class 6.

Rollic, Inc.: *See*—
Sears, Roebuck and Co.

Roper, Geo. D., Corporation, Rockford, Ill. Gas stoves and ranges. 437,191, Mar. 9; Serial No. 516,729, published Nov. 11, 1947. Class 34.

Roth, Chester H., Co. Inc., New York, N. Y. Hosiery. 437,211, Mar. 9; Serial No. 519,098, published Nov. 18, 1947. Class 39.

Roth, Emanuel, Co. Inc., New York, N. Y. Lace trimmings, namely, medallions and rumings. 437,153, Mar. 9; Serial No. 511,579, published Dec. 16, 1947. Class 40.

Royal Society, Inc.: *See*—
Frampton Company, The.

Rubber and Plastics Compound Co. Inc., New York, N. Y. Plastic-like material in sheet form used as a covering in building construction, general construction and industry in general. 437,202, Mar. 9; Serial No. 518,043, published Dec. 2, 1947. Class 12.

Rubber Service Laboratories Company, The, Akron, Ohio, by Monsanto Chemical Company, St. Louis, Mo. Chemical compounds employed as anti-oxidants. 293,301, Apr. 19, 1932. Republished Mar. 9. Class 6.

Rubicon, Inc., New York, N. Y. Oil lamps. 437,240, Mar. 9; Serial No. 521,536, published Nov. 4, 1947. Class 34.

Rubinstein, Helena, Inc., New York, N. Y. Facial cream. 437,236, Mar. 9; Serial No. 521,257, published Dec. 16, 1947. Class 6.

S & W Moulding Company: *See*—
Hill, Frederick B., Jr.

Sadies's: *See*—
Jones, Sadie M.

Safety Electric Company, Chicago, Ill. Therapeutic lamps. 437,314, Mar. 9. Class 44.

Saks & Company, New York, N. Y. Cigars, cigarettes and tobaccos. 437,158–60, Mar. 9; Serial Nos. 512,706–8, published Dec. 9, 1947. Class 17.

Saks & Company, New York, N. Y. Women's and misses' handbags. 437,251, Mar. 9; Serial No. 521,984, published Nov. 18, 1947. Class 3.

Sandeman, Geo. G., Sons & Co. Limited, London, England. Wines. 437,108, Mar. 9; Serial No. 499,511, published Dec. 2, 1947. Class 47.

San-I-Sal Laboratories, Inc., Washington, D. C., by International Cellucotton Products Company, Chicago, Ill. Dry cleaner. 266,649, Jan. 28, 1930. Republished Mar. 9. Class 4.

Sanit-All Products Corporation, Greenwich, Ohio. Formula and sterilizer outfits. 437,095, Mar. 9; Serial No. 491,365, published Dec. 16, 1947. Class 44.

Schindler, Walter R., by Hot Kap Manufacturing Company, Los Angeles, Calif. Plant protectors. 323,933, May 7, 1935. Republished Mar. 9. Class 50.

Schley Brothers, Baltimore, Md. Potatoes, white-raw. 437,164, Mar. 9; Serial No. 513,214, published Nov. 11, 1947. Class 46.

Schroeder, John, Lumber Co., Milwaukee, Wis., to Playskool Manufacturing Company, Chicago, Ill. Folding desk tables. 241,344, renewed Apr. 24, 1948. O. G. Mar. 9. Class 32.

Schweitzer, Peter J., Inc., Elizabeth, N. J. Cigarette paper. 310,447, Feb. 27, 1934. Republished Mar. 9. Class 8.

Schweizerische Seidengazefabrik, A. G., Zurich, Switzerland. Silk bolting-cloth. 68,318, re-renewed Mar. 24, 1948. O. G. Mar. 9. Class 42.

Scofield, L. M., Company: *See*—
Bradfield Building Products Co.

Seaman Paper Company, Chicago, Ill., by Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis. Rotogravure papers, printing, book and cover papers, and offset papers. 264,522, Nov. 26, 1929. Republished Mar. 9. Class 37.

Seaman Paper Company, Chicago, Ill., by Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis. Rotogravure papers, printing, book and cover papers. 264,523, Nov. 26, 1929. Republished Mar. 9. Class 37.

Seaman Paper Company, Chicago, Ill., by Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis. Rotogravure papers, printing, book and cover papers. 264,968, Dec. 10, 1929. Republished Mar. 9. Class 37.

Sears, Roebuck and Co., Chicago, Ill., to Rollic, Inc., Patchogue, N. Y. Children's wearing apparel. 235,576, renewed Nov. 22, 1947. O. G. Mar. 9. Class 39.

Selwyn, Boris, doing business as Diamond Importing Company, Los Angeles, Calif. Watches. 437,106, Mar. 9; Serial No. 499,018, published Dec. 16, 1947. Class 27.

Senack Shoe Company, by Consolidated Retail Stores, Inc., St. Louis, Mo. Shoes. 255,168, Apr. 16, 1929. Republished Mar. 9. Class 39.

Seymour Woolen Mills, Seymour, Ind. Textile blankets. 262,947, Oct. 29, 1929. Republished Mar. 9. Class 42.

Sexton Can Company Incorporated, Everett and Boston, Mass. Ash cans, garbage receivers, and storage tanks. 234,957, renewed Nov. 8, 1947. O. G. Mar. 9. Class 2.

Shadow Proof, Inc., Boston, Mass. Men's facial cream. 437,208, Mar. 9; Serial No. 518,699, published Dec. 16, 1947. Class 6.

Shanks, William F., St. Louis, Mo. Cartoons. 437,238, Mar. 9; Serial No. 521,364, published Dec. 9, 1947. Class 38.

Shapiro, Samuel, Newark, N. J. Non-electric hair pressing, waving and curling iron. 437,192, Mar. 9; Serial No. 516,790, published Nov. 18, 1947. Class 40.

Shapleigh Hardware Company: *See*—
Norvell-Shapleigh Hardware Company.

Sharp & Dohme, Incorporated, Philadelphia, Pa. Preparation for uses comprising those of anesthetic, analgesic, hypnotic, etc. 437,297, Mar. 9; Serial No. 525,114, published Dec. 9, 1947. Class 6.

Shermar Weatherproofs, Inc., New York, N. Y. Umbrella handles, and canes. 437,265, Mar. 9; Serial No. 522,792, published Dec. 2, 1947. Class 41.

Shimanovsky, Jack, doing business as Jackette Beverage Co., Chicago, Ill. Non-alcoholic, non-cereal, maltless beverages. 437,131, Mar. 9; Serial No. 506,779, published Dec. 9, 1947. Class 45.

Siems Bros., Inc.: *See*—
Trussbilt Steel Doors, Inc.

Silica Gel Products Corporation, The, by The Davison Chemical Corporation, Baltimore, Md. Toilet powder. 230,620, Aug. 2, 1927. Republished Mar. 9. Class 6.

Simonin's, C. F., Sons, Inc., Philadelphia, Pa. Shortenings. 286,334, Aug. 25, 1931. Republished Mar. 9. Class 46.

Sinclair, H. M., Jr., trustee: *See*—
Forest City Domestic Products Company, The.

Sinclair Manufacturing Company: *See*—
Forest City Domestic Products Company, The.

Sindler, Jay J., by Spir-It, Inc. Malden, Mass. Bodkins. 315,933, Aug. 14, 1934. Republished Mar. 9. Class 23.

Sky Pilot Manufacturing Company: *See*—
Christopher, Nicholas.

Small Fry Service: *See*—
Fischer, Mary E.

Società Esercizio Farmacie e Specialità Medicinali di E. Granelli & C. Turin, Italy, to Bernocco & Borgogno di E. Granelli, Milan, Italy. Ointment. 234,574, renewed Nov. 1, 1947. O. G. Mar. 9. Class 6.

Spalding, A. G., & Bros., Jersey City, N. J., and New York, N. Y., to A. G. Spalding & Bros. Inc., Chicopee, Mass. Golf-club irons. 66,434, re-renewed Nov. 26, 1947. O. G. Mar. 9. Class 22.

Spalding, A. G., & Bros. Inc.: *See*—
Spalding, A. G., & Bros.

Spats Bros., Inc., New York, N. Y. Raincoats. 437,259, Mar. 9; Serial No. 522,335, published Dec. 9, 1947. Class 39.

Spencer Thermostat Company, Cambridge, Mass. Temperature controlled electric switches. 285,709, Aug. 4, 1931. Republished Mar. 9. Class 21.

Spir-It, Inc.: *See*—
Sindler, Jay J.

Spittler, James E., Missoula, Mont. Padded baby blanket retainer. 437,303, Mar. 9; Serial No. 525,509, published Nov. 18, 1947. Class 40.

Stahl, Lipman, doing business as Stahl's Service, Philadelphia, Pa. Insecticide. 437,101, Mar. 9; Serial No. 495,521, published Mar. 11, 1947. Class 6.

Stahl's Service: *See*—
Stahl, Lipman.

Standard Milling Company: *See*—
Empire State Flour Mills.

Stanley Home Products, Inc., Westfield, Mass. Hair combs. 437,287, Mar. 9; Serial No. 524,161, published Nov. 11, 1947. Class 40.

Stanley Home Products, Inc., Westfield, Mass. Hair brushes. 437,307, Mar. 9; Serial No. 525,972, published Nov. 25, 1947. Class 29.

Stanley Underwear Co., Lititz, Pa. Men's underwear. 437,262, Mar. 9; Serial No. 522,719, published Dec. 9, 1947. Class 39.

Steelox Company, Chicago, Ill., by The American Rolling Mill Company, Middletown, Ohio. Metal piling, metal panels, metal frames, etc. 320,405, Dec. 25, 1934. Republished Mar. 9. Class 12.

Sterling Drug Inc.: *See*—
Knowlton Danderine Co., The.

Sterling Drug Inc., Wilmington, Del., assignor to Winthrop-Stearns Inc., New York, N. Y. Antispasmodic preparation. 437,161, Mar. 9; Serial No. 512,805, published Dec. 16, 1947. Class 6.

Stern & Co., Philadelphia, Pa. Dining room suites, bedroom suites, living room suites, etc. 316,611, Aug. 28, 1934. Republished Mar. 9. Class 32.

Street & Smith Publications, Inc., New York, N. Y. Title for a column in a periodical. 437,143, Mar. 9; Serial No. 508,557, published Dec. 2, 1947. Class 38.

Street & Smith Publications, Inc., New York, N. Y. Title for a column in a periodical. 437,223, Mar. 9; Serial No. 520,425, published Dec. 9, 1947. Class 38.

Strohmeyer & Arpe Company, New York, N. Y. Dried beans. 285,854, Aug. 11, 1931. Republished Mar. 9. Class 46.

Strohmeyer & Arpe Company, New York, N. Y. Dressed salted herring. 292,266, Mar. 8, 1932. Republished Mar. 9. Class 46.

Strohmeyer & Arpe Company, New York, N. Y. Kippered herring, and kipper snacks. 305,355, Aug. 15, 1933. Republished Mar. 9. Class 46.

Strohmeyer & Arpe Company, New York, N. Y. Gin. 311,848–9, Apr. 10, 1934. Republished Mar. 9. Class 49.

Stromeyer, J., Company, Philadelphia, Pa. Table and cooking syrups. 263,331, Nov. 5, 1929. Republished Mar. 9. Class 46.

Summit Foundry Co., to Andes Range and Furnace Corporation, Geneva, N. Y. Stoves, ranges and furnaces and parts thereof. 66,204, re-renewed Nov. 12, 1947. O. G. Mar. 9. Class 34.

Sun Chemical Corporation: *See*—
Ullman, Sigmund, Company.

Sundries Publishing Co., Inc., New York, N. Y. Magazine published periodically. 437,221, Mar. 9; Serial No. 520,191, published Dec. 2, 1947. Class 38.

Sunset Incorporated: *See*—
Continental Distilling Corporation.

Sunset Nut Shelling Company, by Sunset-Sternau Food Company, San Francisco, Calif. Walnuts, filberts, etc. 192,688, Dec. 9, 1924. Republished Mar. 9. Class 46.

Sunset-Sternau Food Company: *See*—
Sunset Nut Shelling Company.

Superior Dental Laboratories: *See*—
Beresin, Jay G.

Sweetheart Paper Products Company, Inc., Chelsea, Mass. Paper cups. 437,193, Mar. 9; Serial No. 517,213, published Dec. 9, 1947. Class 2.

Taylor Brothers, Incorporated, Winston-Salem, N. C. Plug, twist, and smoking tobacco. 240,956, renewed Apr. 10, 1948. O. G. Mar. 9. Class 17.

Taylor, Charles E., El Dorado, Ark., to C. E. Taylor, Eugene, Oreg. Prepared flour. 234,877, renewed Nov. 8, 1947. O. G. Mar. 9. Class 46.

Taylor, Mallory H., Chattanooga, Tenn. Coffee. 437,309, Mar. 9. Class 46.

Teague-McKevett Association: *See*—
Teague-McKevett Company.

Teague-McKevett Company, to Teague-McKevett Association, Santa Paula, Calif. Fresh citrous fruits. 241,289, renewed Apr. 24, 1948. O. G. Mar. 9. Class 46.

Tennessee Glove Company, Tullahoma, Tenn. Work gloves. 437,247, Mar. 9; Serial No. 521,834, published Dec. 9, 1947. Class 39.

Thomlinson, William, Limited: *See*—
Thomlinson, William R.

Thomlinson, William R., Partick, Scotland, to William Thomlinson Limited, Glasgow, Scotland. Foot-ball leather, foot-ball boot leather, picking-band leather. 66,994, re-renewed Jan. 7, 1948. O. G. Mar. 9. Class 1.

Tidewater Plywood Company, Brunswick, Ga. Laminated plywood lumber. 437,234, Mar. 9; Serial No. 521,038, published Nov. 4, 1947. Class 12.

Titanium Alloy Manufacturing Company, The, Niagara Falls, N. Y. Zirconium dioxide and other oxygen derivatives of zirconium. 437,172, Mar. 9; Serial No. 513,855, published Nov. 11, 1947. Class 12.

Touster, Ben: *See*—
Cinderella Hat Co., Inc.

Treet Safety Razor Corporation, Newark, N. J., to Treet Safety Razor Corporation, Brooklyn, N. Y. Safety razors and safety-razor blades. 240,969, renewed Apr. 10, 1948. O. G. Mar. 9. Class 23.

Trussbilt Steel Doors, Inc., Minneapolis, Minn., by Siems Bros., Inc., St. Paul, Minn. Hollow sheet metal units. 294,095, May 17, 1932. Republished Mar. 9. Class 12.

Turner, Day & Woolworth Handle Company, Louisville, Ky., The American Fork and Hoe Company, Cleveland, Ohio. Wooden handles. 316,030, Aug. 14, 1934. Republished Mar. 9. Class 23.

Tyrrell's Hygienic Institute, Inc., New York, N. Y. Douche syringes, hot water bags, and hot water bottles. 437,295, Mar. 9; Serial No. 524,753, published Dec. 16, 1947. Class 44.

Ullman, Sigmund, Company, to Sun Chemical Corporation, New York, N. Y. Printing ink. 234,906, renewed Nov. 8, 1947. O. G. Mar. 9. Class 11.

Ulmann, Bernhard, Co., Inc., New York, N. Y. Art needlework yarns. 437,255, Mar. 9; Serial No. 522,210, published Dec. 9, 1947. Class 43.

Ulmann, Bernhard, Co. Inc., Long Island City, N. Y. Art needlework yarns. 437,273, Mar. 9; Serial No. 523,644, published Dec. 9, 1947. Class 43.

Union Metal Manufacturing Company, The, Canton, Ohio. Metal street and highway standards and poles. 437,091, Mar. 9; Serial No. 490,514, published Nov. 4, 1947. Class 12.

Union Metal Manufacturing Company, The, Canton, Ohio. Metal street and highway standards and poles. 437,092, Mar. 9; Serial No. 490,515, published Nov. 11, 1947. Class 12.

United Feature Syndicate, Inc.: *See*—
Press Publishing Company.

U. S. Sanitary Specialties Corporation, Chicago, Ill. Cleansing compound. 263,843, Nov. 12, 1929. Republished Mar. 9. Class 4.

U. S. Sanitary Specialties Corporation, Chicago, Ill. Disinfectant, deodorant, and insecticide. 264,096, Nov. 19, 1929. Republished Mar. 9. Class 6.

United States Shoe Company, The, assignee: *See*—
Meyer, Milton J., & Co., Inc.

United States Shoe Corporation, The: *See*—
Meyer, Milton J., & Co., Inc.

Velsicol Corporation, Chicago, Ill. Lacquer, varnish, stain, etc. 299,564, Dec. 13, 1932. Republished Mar. 9. Class 16.

Velsicol Corporation, Chicago, Ill. Lacquer, varnish, stain, etc. 299,670, Dec. 13, 1932. Republished Mar. 9. Class 16.

Verson Manufacturing Company, Dallas, Tex. Fry pans, sauce pans, sauce pots, etc. 437,156, Mar. 9; Serial No. 512,466, published Dec. 2, 1947. Class 13.

Victory Fluid Company: *See*—
Mattis, Philip A.

Vision Research Laboratories: *See*—
Kronenberg, Marvin H.

Vita-Var Corporation, Newark, N. J. Insecticide. 437,133, Mar. 9; Serial No. 507,165, published Dec. 9, 1947. Class 6.

Vitron Corporation, The, Wilmington, Del. Glass fibrous matted material. 437,173, Mar. 9; Serial No. 513,917, published Dec. 9, 1947. Class 12.

W. B. Foundations, Incorporated: *See*—
Weingarten Bros., Inc.

Waders, Ralph, Astoria, Long Island, N. Y. Bobby pins. 437,306, Mar. 9; Serial No. 525,720, published Nov. 18, 1947. Class 40.

Wagner Baking Corporation: *See*—
Pie Bakeries of America Inc.

Walker, Ralph J., doing business as Walker's Medical Arts Pharmacy, Newport News, Va. Emollient cream containing cocoa butter and lanolin. 437,094, Mar. 9; Serial No. 490,985, published Mar. 12, 1946. Class 6.

Walker's Medical Arts Pharmacy: *See*—
Walker, Ralph J.

Warner-Graham Company, The: *See*—
Graham, William, & Company.

Washburn Crosby Company, to General Mills, Inc., Minneapolis, Minn. Wheat-flour. 66,614, re-renewed Dec. 17, 1947. O. G. Mar. 9. Class 46.

Wasmuth-Goodrich Company, Peru, Ind., by Emerson Radio and Phonograph Corporation, New York, N. Y. Complete radio receiving sets. 225,976, Mar. 29, 1927. Republished Mar. 9. Class 21.

Watkins, J. R., Company, The, Winona, Minn. Perfume. 437,099, Mar. 9; Serial No. 493,861, published Dec. 9, 1947. Class 6.

Watson Company, The, Attleboro, Mass. Sterling silver flatware and sterling silver hollowware. 288,097, Oct. 20, 1931. Republished Mar. 9. Class 28.

Watson Company, The, Attleboro, Mass. Sterling silver hollow ware and sterling silver flat ware. 289,958, Dec. 15, 1931. Republished Mar. 9. Class 28.

Waverly Oil Works Company, Pittsburgh, Pa., to Waverly Petroleum Products Company, also known as Waverly Petroleum Products Co., Philadelphia, Pa. Lubricating oils, lubricating greases, and gasoline. 241,046, renewed Apr. 17, 1948. O. G. Mar. 9. Class 15.

Waverly Petroleum Products Co.: *See*—
Waverly Oil Works Company.

Waverly Petroleum Products Company: *See*—
Waverly Oil Works Company.

Weingarten Bros., Inc., New York, N. Y., by W. B. Foundations, Incorporated, Newark, N. J. Women's undergarments. 317,205, Sept. 18, 1934. Republished Mar. 9. Class 39.

Wellman, S. K., Company, The, Cleveland, Ohio. Brake linings and transmission linings. 306,579, Sept. 26, 1933. Republished Mar. 9. Class 35.

West Bend Aluminum Co., West Bend, Wis. Coffee dispensing canisters. 306,143, Sept. 12, 1933. Republished Mar. 9. Class 2.

West Coast Packing Corporation, Long Beach, Calif. Canned tomato paste. 437,278, Mar. 9; Serial No. 523,873, published Dec. 2, 1947. Class 46.

Western Auto Supply Company, Kansas City, Mo. Men's and boys' work clothing. 437,124, Mar. 9; Serial No. 505,541, published Dec. 9, 1947. Class 39.

Western Chemical Company, St. Joseph, Mo. Deodorants. 241,356, renewed Apr. 24, 1948. O. G. Mar. 9. Class 6.

Western Exterminating Co., Inc., assignor to Residex Corporation, Newark, N. J. Liquid and powder insecticides. 437,170, Mar. 9; Serial No. 513,703, published Dec. 9, 1947. Class 6.

Western Woolen Co.: *See*—
Karmelenski, Robert.

West Point Manufacturing Company, doing business as West Point Utilization Company, West Point, Ga., and Fairfax, Ala. Blended and treated garnetted rayon. 437,139, Mar. 9; Serial No. 507,764, published Nov. 18, 1947. Class 1.

West Point Utilization Company: *See*—
West Point Manufacturing Company.

Weyenberg Shoe Manufacturing Company: *See*—
Marion Shoe Company.

Weyenberg Shoe Mfg. Co., Milwaukee, Wis. Leather shoes. 305,641, Aug. 22, 1933. Republished Mar. 9. Class 39.

Weyenberg Shoe Mfg. Co., Milwaukee, Wis. Leather shoes. 309,948, Feb. 6, 1934. Republished Mar. 9. Class 39.

Weyenberg Shoe Manufacturing Company, Milwaukee, Wis. Leather shoes. 317,406, Sept. 25, 1934. Republished Mar. 9. Class 39.

White & Wyckoff Mfg. Co., Holyoke, Mass. Greeting cards. 437,228, Mar. 9; Serial No. 520,661, published Dec. 9, 1947. Class 38.
Whiting-Adams Company, Inc., Boston, Mass. Oval varnish brushes. 437,166, Mar. 9; Serial No. 513,363, published Sept. 2, 1947. Class 29.
Winthrop-Stearns Inc., assignee: *See*—
Sterling Drug Co.
Wollun Mills, Incorporated, Paterson, N. J. Venetian blind tape. 437,267, Mar. 9; Serial No. 522,926, published Dec. 9, 1947. Class 40.
Wolverine Brass Works, Grand Rapids, Mich. Rubber tank valve balls. 242,767, renewed June 5, 1948. O. G. Mar. 9. Class 13.
Wood, Gordon P., Montreal, Quebec, Canada. Handbags. 437,179, Mar. 9; Serial No. 514,867, published Nov. 18, 1947. Class 3.
Worthington Ball Company, The, Elyria, Ohio. Golf balls. 316,927, Sept. 11, 1934. Republished Mar. 9. Class 22.
Worthington Ball Company, The, Elyria, Ohio. Golf balls. 323,896, May 7, 1935. Republished Mar. 9. Class 22.
Worthington Pump and Machinery Corporation: *See*—
Metalweld, Incorporated.
Younghusband, James L., by Consolidated Cosmetics, Chicago, Ill. Lipsticks and rouge. 314,493, July 3, 1934. Republished Mar. 9. Class 6.
Yukon Club Company, East Orange, N. J., to The Great Atlantic and Pacific Tea Company, New York, N. Y. Ginger ale. 239,767, renewed Mar. 13, 1948. O. G. Mar. 9. Class 45.
Yxhults Stenhuggeri Aktiebolag, Hallabrottet, Sweden. Bricks, blocks, slabs, and reinforced units. 437,093, Mar. 9; Serial No. 490,731, published Dec. 2, 1947. Class 12.
Zanesville Provision Company: *See*—
New Zanesville Provision Co., The.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Cellulose acetate material. Fiberloid Corporation. 295,405, June 28, 1932. Republished Mar. 9.
Compositions in raw or partly-prepared condition, either solid or liquid. Celanese Corporation of America. 240,681, renewed Apr. 3, 1948. O. G. Mar. 9.
Grass seed, Lawn. Kellogg Seed Company. 284,354, June 23, 1931. Republished Mar. 9.
Grass seed, Lawn. Kellogg Seed Company. 284,395, June 23, 1931. Republished Mar. 9.
Hops. John I. Haas, Inc. 287,205, Sept. 15, 1931. Republished Mar. 9.
Leather. Michigan City Tanning Company. 285,064, July 14, 1931. Republished Mar. 9.
Leatherboard. George O. Jenkins Company. 292,677, Mar. 22, 1932. Republished Mar. 9.
Leather, Foot-ball boot leather, picking-band leather, Foot-ball. W. R. Thomlinson. 66,994, re-renewed Jan. 7, 1948. O. G. Mar. 9.
Rayon, Blended and treated garnetted. West Point Manufacturing Company. 437,139, Mar. 9; Serial No. 507,764, published Nov. 18, 1947.
Resin plastics, Synthetic. Ciba Limited. 437,125, Mar. 9; Serial No. 505,805, published Dec. 16, 1947.
Soda pulp. Champion Fibre Company. 287,071, Sept. 15, 1931. Republished Mar. 9.

CLASS 2

Bags, containers, and merchandise envelopes. Crown Williamette Paper Company. 265,698, Jan. 7, 1930. Republished Mar. 9.
Canisters, Coffee dispensing. West Bend Aluminum Co. 306,143, Sept. 12, 1933. Republished Mar. 9.
Cans, Empty metal squeeze. Lattner Brothers Machining Company. 437,112, Mar. 9; Serial No. 502,304, published Dec. 16, 1947.
Cans, garbage receivers, and storage tanks, Ash. Sexton Can Company Incorporated. 234,957, renewed Nov. 8, 1947. O. G. Mar. 9.
Cups, Paper. Sweetheart Paper Products Company, Inc. 437,193; Mar. 9; Serial No. 517,213, published Dec. 9, 1947.
Dispensers, Perfume. Niku Company, Inc. 437,214, Mar. 9; Serial No. 519,687, published Nov. 18, 1947.
Dispensers, Tape. Better Packages, Incorporated. 437,104, Mar. 9; Serial No. 497,772, published Dec. 16, 1947.
Sacks, Woven. Bemis Bro. Bag Company. 284,846, July 7, 1931. Republished Mar. 9.

CLASS 3

Bags, hand bags, trunks, etc., Traveling. I. Miller & Sons, Inc. 239,840, renewed Mar. 13, 1948. O. G. Mar. 9.
Bags, Utility. M. Margolin. 437,294, Mar. 9; Serial No. 524,711, published Nov. 18, 1947.
Handbags. G. P. Wood. 437,179, Mar. 9; Serial No. 514,867, published Nov. 18, 1947.
Handbags and pocketbooks. E. Beam, Jr. 437,229, Mar. 9; Serial No. 520,679, published Nov. 18, 1947.
Handbags and pocketbooks, Ladies'. Brauer Bros. Shoe Co. 437,288, Mar. 9; Serial No. 524,292, published Nov. 18, 1947.
Handbags, billfolds, card cases, etc. Harry Morris Associates. 437,207, Mar. 9; Serial No. 518,475, published Nov. 18, 1947.
Handbags, billfolds, card cases, etc. Harry Morris Associates. 437,242, Mar. 9; Serial No. 521,589, published Nov. 11, 1947.
Handbags, Ladies'. Delill Creations Company. 437,226, Mar. 9; Serial No. 520,553, published Nov. 18, 1947.
Handbags, Women's and misses'. Saks & Company. 437,251, Mar. 9; Serial No. 521,984, published Nov. 18, 1947.
Luggage. B F Manufacturing Co. Inc. 437,241, Mar. 9; Serial No. 521,555, published Nov. 18, 1947.
Wallets. Philip Florin, Inc. 437,212, Mar. 9; Serial No. 519,324, published Nov. 18, 1947.

CLASS 4

Cleaner. Absorene Manufacturing Company. 240,892, renewed Apr. 10, 1948. O. G. Mar. 9.
Cleaner, Dry. San-I-Sal Laboratories, Inc. 266,649, Jan. 28, 1930. Republished Mar. 9.
Cleaner, Paste. Davies-Young Soap Company. 291,141, Jan. 26, 1932. Republished Mar. 9.
Cleaners, Dry. American Disinfecting Company. 267,690, Feb. 25, 1930. Republished Mar. 9.
Cleaning and polishing preparations. Cando Corporation. 319,026, Nov. 13, 1934. Republished Mar. 9, 1948.
Cleaning detergent, Liquid dry. Davies-Young Soap Company. 323,255, Apr. 9, 1935. Republished Mar. 9.
Compound, Cleansing. U. S. Sanitary Specialties Corporation. 263,843, Nov. 12, 1929. Republished Mar. 9.
Cream, Shaving. Procter & Gamble Company. 314,260, June 26, 1934. Republished Mar. 9.
Detergent, Synthetic. L. L. Dettelbach, Jr. 437,154, Mar. 9; Serial No. 512,325, published Nov. 18, 1947.
Dressing, Floor. Acme Chemical Company. 306,627, Sept. 26, 1933. Republished Mar. 9.
Paste, powder or liquid, Polishing. Cando Corporation. 258,965–6, July 16, 1929. Republished Mar. 9.
Powder material. Nyko, Incorporated. 320,833, Jan. 8, 1935. Republished Mar. 9.
Preparations, Cleaning or cleaning and polishing. Cando Corporation. 317,008, Sept. 11, 1934. Republished Mar. 9.
Soap. Carman & Co., Inc. 309,920, Feb. 6, 1934. Republished Mar. 9.
Soap. Hewitt Bros. Soap Company. 286,888, Sept. 8, 1931. Republished Mar. 9.
Soap. James S. Kirk & Company. 229,232, June 21, 1827. Republished Mar. 9.
Soap. Palmolive-Peet Company. 239,725, renewed Mar. 13, 1948. O. G. Mar. 9.
Soap. Procter & Gamble Company. 288,302, Oct. 20, 1931. Republished Mar. 9.
Soap. Procter & Gamble Company. 298,059, Oct. 11, 1932. Republished Mar. 9.
Soap and soap powders. Colgate & Co. 68,709, re-renewed Apr. 28, 1948. O. G. Mar. 9.
Soap, Dry-cleaning liquid. Davies-Young Soap Company. 265,885, Jan. 7, 1930. Republished Mar. 9.
Soap flakes. Procter & Gamble Company. 287,289, Sept. 15, 1931. Republished Mar. 9.
Soap powders. Colgate & Co. 68,708, re-renewed Apr. 28, 1948. O. G. Mar. 9.
Soap, Toilet and bath. Procter & Gamble Company. 264,368, Nov. 26, 1929. Republished Mar. 9.
Soap, Toilet and laundry. Pure Oil Company. 291,123, Jan. 26, 1932. Republished Mar. 9.

CLASS 5

Cement, Adhesive liquid. Howe & French, Inc. 287,211, Sept. 15, 1931. Republished Mar. 9.

CLASS 6

Acid, Stearic. Procter & Gamble Company. 311,233, Mar. 20, 1934. Republished Mar. 9.
Acid, Stearic. Procter & Gamble Company. 316,634–5, Aug. 28, 1934. Republished Mar. 9.
Anaesthetics, antacids, laxatives, etc. Thomas Kerfoot & Co., Limited. 437,292, Mar. 9; Serial No. 524,581, published Dec. 9, 1947.
Anti-perspirant. lipstick, rouge, etc. Consolidated Cosmetics. 437,162, Mar. 9; Serial No. 513,030, published Nov. 18, 1947.

Antiseptic and deodorant powder. Newman Pharmacal Company. 241,087, renewed Apr. 17, 1948. O. G. Mar. 9.
Antiseptic solution. Mifflin Chemical Corporation. 241,140, renewed Apr. 17, 1948. O. G. Mar. 9.
Antispasmodic preparation. Sterling Drug Inc. 437,161, Mar. 9; Serial No. 512,805, published Dec. 16, 1947.
Anzyme preparation. Rohm & Haas Company. 437,271, Mar. 9; Serial No. 523,280, published Dec. 16, 1947.
Bleaching preparation. M. T. Call. 437,181, Mar. 9; Serial No. 515,253, published Dec. 9, 1947.
Bluing. Luther Ford & Company. 312,411, Apr. 24, 1934. Republished Mar. 9.
Chemical compounds employed as antioxidants. Rubber Service Laboratories Company. 293,301, Apr. 19, 1932. Republished Mar. 9.
Chemical compounds, mixtures of chemical compounds, and oil solutions, etc. Lubrizol Corporation. 437,121, Mar. 9; Serial No. 504,568, published Dec. 9, 1947.
Chemical for use in metal processing baths. Heatbath Corporation. 437,270, Mar. 9; Serial No. 523,128, published Dec. 16, 1947.
Chemical product. P. P. Richmond. 437,110, Mar. 9; Serial No. 500,489, published Dec. 9, 1947.
Chemicals, Reagent. General Chemical Company. 437,081, Mar. 9; Serial No. 481,063, published Dec. 9, 1947.
Chewing gum, Therapeutic. House of Correa, Inc. 437,163, Mar. 9; Serial No. 513,113, published Dec. 16, 1947.
Cologne and perfumes, Liquid and cream. K. Daumit. 437,115, Mar. 9; Serial No. 503,976, published Dec. 9, 1947.
Colognes and perfumes. Linnea Perfumes, Inc. 437,200, Mar. 9; Serial No. 517,787, published Dec. 16, 1947.
Cream containing cocoa butter and lanolin, Emollient. R. J. Walker. 437,094, Mar. 9; Serial No. 490,985, published Mar. 12, 1946.
Cream, Facial. Helena Rubinstein, Inc. 437,236, Mar. 9; Serial No. 521,257, published Dec. 16, 1947.
Deodorant. Kotex Company. 324,452, May 21, 1935. Republished Mar. 9.
Deodorants. Western Chemical Company. 241,356, renewed Apr. 24, 1948. O. G. Mar. 9.
Deodorizer, cleaner, disinfectant, sterilizer, Liquid chemical. Forest City Domestic Products Company. 317,586, Oct. 2, 1934. Republished Mar. 9.
Disinfectant, deodorant, and insecticide. U. S. Sanitary Specialties Corporation. 264,096, Nov. 19, 1929. Republished Mar. 9.
Diuretic remedy. Geigy Company, Inc. 437,263, Mar. 9; Serial No. 522,780, published Dec. 9, 1947.
Dyes, Organic. Imperial Chemical Industries Limited. 437,086, Mar. 9; Serial No. 484,256, published Dec. 16, 1947.
Face powder, dusting powder, toilet water, etc. Coty, Inc. 437,089, Mar. 9; Serial No. 487,174, published Dec. 16, 1947.
Facial cream, Men's. Shadow Proof, Inc. 437,208, Mar. 9; Serial No. 518,699, published Dec. 16, 1947.
Fluid, semi-hardening arterial embalming fluid, etc., Hardening arterial embalming. P. A. Mattia. 437,102, Mar. 9; Serial No. 496,852, published Dec. 9, 1947.
Hair rinses. M. A. Mingus. 225,855, renewed Mar. 29, 1947. O. G. Mar. 9.
Injectible solution and/or microsuspension of crystalline estrogens. Sterile. S. F. Durst & Co., Inc. 437,220, Mar. 9; Serial No. 520,152, published Dec. 9, 1947.
Insecticidal bulbs and fire extinguishers bulbs, etc. Manufacturing and Tool Corporation. 437,132, Mar. 9; Serial No. 507,132, published Dec. 9, 1947.
Insecticide. L. Stahl. 437,101, Mar. 9; Serial No. 495,521, published Mar. 11, 1947.
Insecticide. Vita-Var Corporation. 437,133, Mar. 9; Serial No. 507,165, published Dec. 9, 1947.
Insecticides, Liquid and powder. Western Exterminating Co., Inc. 437,170, Mar. 9; Serial No. 513,703, published Dec. 9, 1947.
Lipstick and rouge. R. Hudnut. 437,175, Mar. 9; Serial No. 514,477, published Dec. 16, 1947.
Lipsticks and rouge. J. L. Younghusband. 314,493, July 3, 1934. Republished Mar. 9.
Magnesium carbonate and magnesium oxide. Keasbey & Mattison Comuany. 316,667, Sept. 4, 1934. Republished Mar. 9.
Medicinal preparation. G. F. Harvey Company. 437,293, Mar. 9; Serial No. 524,603, published Dec. 16, 1947.
Medicines and pharmaceutical preparations. American College of Apothecaries. 437,138, Mar. 9; Serial No. 507,611, published Dec. 9. 1947.
Medicines and pharmaceuticals. Geigy Company, Inc. 437,264, Mar. 9; Serial No. 522,781, published Dec. 16, 1947.
Nutritive preparation. Abbott Laboratories. 437,141, Mar. 9; Serial No. 508,202, published July 8, 1947.
Oil, Hair. S. M. Jones. 437,216, Mar. 9; Serial No. 519,755, published Dec. 9, 1947.
Ointment. Societá Esercizio Farmacie e Specialita Medicinali di E. Granelli & C. 234,574, renewed Nov. 1, 1947. O. G. Mar. 9.
Perfume. E. Daltroff & Cie. 287,517, Sept. 29, 1931. Republished Mar. 9.
Perfume. E. Daltroff & Cie. 318,530, Oct. 30, 1934. Republished Mar. 9.
Perfume. Andrew Jergens Company. 437,120, Mar. 9; Serial No. 504,493, published Sept. 2, 1947.
Perfume. J. R. Watkins Company. 437,099, Mar. 9; Serial No. 493,861, published Dec. 9, 1947.
Perfume and toilet water. E. Norris. 437,219, Mar. 9; Serial No. 520,115, published Dec. 16, 1947.
Perfume, toilet water, eau de cologne, etc. J. F. May. 437,290, Mar. 9; Serial No. 524,406, published Dec. 16, 1947.
Perfumes, toilet waters, and cosmetic creams. Lentheric, Incorporated. 437,109, Mar. 9; Serial No. 499,790, published Oct. 8, 1946.
Perfumes, toilet waters, eau de cologne, etc. G. Degas. 437,123, Mar. 9; Serial No. 505,289, published Dec. 9, 1947.
Peroxide neutralizer. Distinctive Products Development Corp. 437,213, Mar. 9; Serial No. 519,632, published Dec. 9, 1947.
Plasticizers or softeners. Monsanto Chemical Works. 265,127, Dec. 17, 1929. Republished Mar. 9.
Powder, Denture adherent. Nyko Laboratories, Inc. 310,275, Feb. 13, 1934. Republished Mar. 9.
Powder, Toilet. Silica Gel Products Corporation. 230,620, Aug. 2, 1927. Republished Mar. 9.
Preparation for uses comprising those of anesthetic, analgesic, hypnotic, etc. Sharp & Dohme, Incorporated. 437,297, Mar. 9; Serial No. 525,114, published Dec. 9, 1947.
Preparation, Liquid. Knowlton Dandering Co. 67,416, re-renewed Feb. 4, 1948. O. G. Mar. 9.
Rouge and lipstick. R. Hudnut. 437,210, Mar. 9; Serial No. 518,888, published Dec. 9, 1947.
Size, Rosin. Hercules Powder Company. 437,205, Mar. 9; Serial No. 518,224, publication waived.
Tonic, Hair. Colgate-Palmolive-Peet Company. 437,289, Mar. 9; Serial No. 524,377, published Dec. 16, 1947.
Waterproofing liquid. Canvas Proofing & Striping Company. 240,055, renewed Mar. 20, 1948. O. G. Mar. 9.

CLASS 7

Rope and strands made of treated undrawn nylon. All American Aviation, Inc. 437,285, Mar. 9; Serial No. 524,098, published Dec. 9, 1947.

CLASS 8

Cigarette cases. Reno Wallet Company. 437,157, Mar. 9; Serial No. 512,610, published Dec. 16, 1947.
Cigarette paper. Peter J. Schweitzer, Inc. 310,447, Feb. 27, 1934. Republished Mar. 9.
Smokers' utility boxes. Midwest Manufacturing and Engineering Corp. 437,183, Mar. 9; Serial No. 515,891, published Dec. 16, 1947.

CLASS 11

Ink, Printing. Sigmund Ullman Company. 234,906, renewed Nov. 8, 1947. O. G. Mar. 9.
Ink, Writing. Parker Pen Company. 282,550, Apr. 21, 1931. Republished Mar. 9.
Inked ribbons and carbon paper. Key Ribbon and Carbon Company. 437,128–30, Mar. 9; Serial Nos. 506,755–7, published Dec. 16, 1947.
Inks and ink solvents, Stamping and printing. Kaumagraph Company. 437,300, Mar. 9; Serial No. 525,336, published Dec. 16, 1947.
Typewriter ribbons. Nelson-Eismann Company. 266,618, Jan. 28, 1930. Republished Mar. 9.

CLASS 12

Asbestos roof coatings and plastic roofing cements, Liquid. Panther Oil & Grease Mfg. Co. 437,195, Mar. 9; Serial No. 517,426, published Dec. 9, 1947.
Asphalt, Dry powdered. Presstite Engineering Company. 266,832, Feb. 4, 1930. Republished Mar. 9.
Asphalt type coating. Master Mechanics Co. 437,180, Mar. 9; Serial No. 514,969, published Nov. 4, 1947.
Board, Asbestos composition. Ambler Asbestos Shingle & Sheathing Company. 285,660, Aug. 4, 1931. Republished Mar. 9.
Board, composite board, construction board, etc., Fiber. Armstrong-Newport Company. 312,580, May 1, 1934. Republished Mar. 9.
Boards, composition boards, wall board, etc., Asbestos cement. Keasbey & Mattison Company. 324,720, May 28, 1935. Republished Mar. 9.
Bricks, blocks, slabs and reinforced units. Yxhults Stenhuggeri Aktiebolag. 437,093, Mar. 9; Serial No. 490,731, published Dec. 2, 1947.
Building blocks. Bloomington Limestone Company. 258,699, July 16, 1929. Republished Mar. 9.
Building materials, Non-metallic. Prebuilt Constructions Limited. 437,140, Mar. 9; Serial No. 507,842, published Nov. 4, 1947.
Cements, asbestos paper, asbestos shingles, etc., Asbestos. Keasbey & Mattison Company. 316,761, Sept. 4, 1934. Republished Mar. 9.
Composition board. W. H. Bordsorff. 437,119, Mar. 9; Serial No. 504,428, published Dec. 9, 1947.
Concrete, Refractory. Babcock & Wilcox Company. 437,188, Mar. 9; Serial No. 516,524, published Dec. 9, 1947.
Cork insulation, cork boards, and cork pipe covering. Mundet Cork Corporation. 437,244, Mar. 9; Serial No. 521,595, published Nov. 11, 1947.

Cork insulation, cork boards and pipe coverings. Mundet Cork Corporation. 437,243, Mar. 9; Serial No. 521,593, published Nov. 11, 1947.
Crossties, railroad switch ties, timbers, Railroad. T. J. Moss Tie Company. 262,756, Oct. 22, 1929. Republished Mar. 9.
Doors, Wooden hollow. Mengel Company. 437,098, Mar. 9; Serial No. 493,377, published Dec. 9, 1947.
Floors, wainscoting panels, ceilings, etc., Jointless. Eubdolithwerke A.-G. in Olten. 230,212, renewed July 19, 1947. O. G. Mar. 9.
Gates, Combination wood and iron bridge type. McJilton & Son. 437,261, Mar. 9; Serial No. 522,540, published Dec. 9, 1947.
Glass fibrous matted material. Vitron Corporation. 437,173, Mar. 9; Serial No. 513,917, published Dec. 9, 1947.
Hardeners and colors, Cement. Bradfield Building Products Co. 292,405, Mar. 15, 1932. Republished Mar. 9.
Heat insulation. Pal-O-Pak Insulation Co. 404,369, Nov. 23, 1943. Corrected. O. G. Mar. 9.
Insulation material. Eagle-Picher Company. 437,266, Mar. 9; Serial No. 522,820, published Dec. 9, 1947.
Insulation material, Heat and sound. Armstrong-Newport Company. 284,025, June 9, 1931. Republished Mar. 9.
Insulation products. Keasbey & Mattison Company. 309,466, Jan. 16, 1934. Republished Mar. 9.
Lath, Metal. Penn Metal Company. 255,434, Apr. 23, 1929. Republished Mar. 9.
Lathing, Metal. Penn Metal Company. 255,453–4, Apr. 23, 1929. Republished Mar. 9.
Laths, metal corners, metal corner beads, etc., Metal. Penn Metal Company. 306,321, Sept. 12, 1933. Republished Mar. 9.
Lumber, Laminated plywood. Tidewater Plywood Company. 437,234, Mar. 9; Serial No. 521,038, published Nov. 4, 1947.
Material, Heat insulating. Armstrong Cork & Insulation Company. 303,093, May 9, 1933. Republished Mar. 9.
Material in sheet form used as a covering in building construction, general construction and industry in general, Plastic-like. Rubber and Plastics Compound Co., Inc. 437,202, Mar. 9; Serial No. 518,043, published Dec. 2, 1947.
Material, Isolation. Armstrong Cork & Insulation Company. 288,655, Nov. 3, 1931. Republished Mar. 9.
Materials for use for articles for ornamenting, decorating, and building, Masons' and bricklayers'. J. M. Delicado. 437,148–9, Mar. 9; Serial Nos. 510,769–70, published Dec. 2, 1947.
Metal floors, corrugated metal sheets, laminated metal sheets, etc. H. H. Robertson Company. 437,083, Mar. 9; Serial No. 483,147, published Dec. 2, 1947.
Metal sheets protected by coating material, metal floors, corrugated metal sheets, etc. H. H. Robertson Company. 437,084, Mar. 9; Serial No. 483,151, published Dec. 2, 1947.
Metal units, Hollow sheet. Trussbilt Steel Doors, Inc. 294,095, May 17, 1932. Republished Mar. 9.
Panels of steel, and aluminum, Siding. Latisteel Corporation of California. 437,087, Mar. 9; Serial No. 487,049, published Dec. 2, 1947.
Patching and waterproofing material. Maintenance Engineering Company. 437,142, Mar. 9; Serial No. 508,484, published Dec. 2, 1947.
Piling, metal panels, metal frames, etc., Metal. Steelox Company. 320,405, Dec. 25, 1934. Republished Mar. 9.
Plastic and cement products. M. Merow. 437,222, Mar. 9; Serial No. 520,225, published Dec. 2, 1947.
Plastics with wood veneer, metal, glass, etc., Combinations of. William L. Marshall, Limited. 437,097, Mar. 9; Serial No. 492,330, published Dec. 9, 1947.
Posts, Adjustable. H. B. Augustine. 437,134, Mar. 9; Serial No. 507,181, published Dec. 9, 1947.
Refractory granular materials, refractory cements, and mortars, Mineral base. Basic Refractories, Inc. 437,085, Mar. 9; Serial No. 483,605, published Dec. 9, 1947.
Refractory materials. Basic Refractories, Inc. 437,253, Mar. 9; Serial No. 522,024, published Dec. 9, 1947.
Rock wool insulation; asphalt shingle type roofing and siding, Fibrous. Insultex Co. 437,152, Mar. 9; Serial No. 511,276, published Dec. 9, 1947.
Roofing, covering, roofing slate, etc., Fireproof. Asbestos Shingle, Slate & Sheathing Company. 275,250, Sept. 16, 1930. Republished Mar. 9.
Screens including frames, Window and door. Acme Screen Company, Inc. 437,185, Mar. 9; Serial No. 516,389, published Dec. 9, 1947.
Sheet metal ship lap siding. National Aluminum Products Co. 437,169, Mar. 9; Serial No. 513,677, published Dec. 9, 1947.
Shingle tiles and aluminum shingles, Aluminum insulated. Alumalux Company. 437,201, Mar. 9; Serial No. 517,947, published Dec. 2, 1947.
Shingles and lumber, Cedar. Community Builders, Inc. 437,217, Mar. 9; Serial No. 519,926, published Dec. 2, 1947.
Shingles, Mineral-surfaced asphalt-saturated. Bird & Son, inc. 437,107, Mar. 9; Serial No. 499,198, published Dec. 2, 1947.
Standards and poles, Metal street and highway. Union Metal Manufacturing Company. 437,091, Mar. 9; Serial No. 490,514, published Nov. 4, 1947.
Standards and poles, Metal street and highway. Union Metal Manufacturing Company. 437,092, Mar. 9; Serial No. 490,515, published Nov. 11, 1947.
Tile, clip boards, and cement and a combined wall tile, etc., Wall. Columbian Enameling & Stamping Co., Inc. 313,273, May 22, 1934. Republished Mar. 9, 1948.
Tile, Plastic wall. F. B. Hill, Jr. 437,136, Mar. 9; Serial No. 507,399, published Dec. 9, 1947.
Waterproofing compound material. Heineman & Lovett Company. 437,096, Mar. 9; Serial No. 491,715, published Dec. 9, 1947.
Windows, Storm. W. M. Krantz. 437,209, Mar. 9; Serial No. 518,766, published Dec. 9, 1947.
Zirconium dioxide and other oxygen derivatives of zirconium. Titanium Alloy Manufacturing Company. 437,172, Mar. 9; Serial No. 513,855, published Nov. 11, 1947.

CLASS 13

Brewers, Glass coffee. Hill-Shaw Company. 285,964, Aug. 11, 1931. Republished Mar. 9, 1948.
Hardware, Builders'. Oscar C. Rixson Company. 286,731, Sept. 1, 1931. Republished Mar. 9.
Pans, sauce pans, sauce pots, etc., Fry. Verson Manufacturing Company. 437,156, Mar. 9; Serial No. 512,466, published Dec. 2, 1947.
Pipe, pipe fittings, bolts, etc., Nonferrous-metal. Mueller Brass Co. 240,686, renewed Apr. 3, 1948. O. G. Mar. 9.
Pipe, pipe fittings, bolts, etc., Nonferrous-metal. Mueller Brass Co. 241,170, renewed Apr. 17, 1948. O. G. Mar. 9.
Valve balls, Rubber tank. Wolverine Brass Works. 242,767, renewed June 5, 1948. O. G. Mar. 9.

CLASS 14

Alloys, Bearing. Magnolia Metal Company. 292,998, Apr. 5, 1932. Republished Mar. 9.
Anchors, reinforcement bars, crossings, etc., Rail. Robert W. Hunt Co. 241,201, renewed Apr. 17, 1948. O. G. Mar. 9.
Bars, rods, billets, etc., Steel. Crucible Steel Company of America. 237,488, renewed Jan. 10, 1948. O. G. Mar. 9.
Iron and steel sheets, Galvanized. American Rolling Mill Company. 290,355, Jan. 5, 1932. Republished Mar. 9.

CLASS 15

Kerosene. Pure Oil Company. 264,485, Nov. 26, 1929. Republished Mar. 9.
Oils and greases, Lubricating. Pure Oil Company. 259,036, July 23, 1929. Republished Mar. 9.
Oils, lubricating greases, and gasoline, Lubricating. Waverly Oil Works Company. 241,046, renewed Apr. 17, 1948. O. G. Mar. 9.
Oils, Motor fuel. Pure Oil Company. 323,183, Apr. 2, 1935. Republished Mar. 9.
Oils, motor fuel oils, lubricating oils, etc., Illuminating. Pure Oil Company. 275,732, Sept. 30, 1930. Republished Mar. 9.

CLASS 16

Floor and linoleum finish. Howe & French, Inc. 298,142, Oct. 11, 1932. Republished Mar. 9.
Lacquer, varnish, stain, etc. Velsicol Corporation. 299,564, Dec. 13, 1932. Republished Mar. 9.
Lacquer, varnish, stain, etc. Velsicol Corporation. 299,670, Dec. 13, 1932. Republished Mar. 9.
Paint, Ready-mixed. Red Hand Compositions Company. 238,336, renewed Feb. 7, 1948. O. G. Mar. 9.
Paint, ready-mixed paints, and varnishes, Enamel. Aufdemkampe Hardware Co. 234,745, renewed Nov. 1, 1947. O. G. Mar. 9.
Paints, aeroplane and aircraft dopes, varnishes, etc., Dry and ready-mixed. Celanese Corporation of America. 240,109, renewed Mar. 20, 1948. O. G. Mar. 9.
Paints and calcimines, Cold water. W. F. Laucks, Inc. 323,308, Apr. 9, 1935. Republished Mar. 9.
Paints, paint enamel, crack sealer, Ready-mixed. Bako Process Company. 194,339, Jan. 30, 1925. Republished Mar. 9.
Pearl essence. Mearl Corporation. 311,362, Mar. 20, 1934. Republished Mar. 9.
Polishing preparation. Armstrong Cork Company. 298,945, Nov. 15, 1932. Republished Mar. 9.
Surfacing compound. Muralo Company, Inc. 241,186, renewed Apr. 17, 1948. O. G. Mar. 9.
Turpentine and linseed oil. William Graham & Company. 299,273, Nov. 29, 1932. Republished Mar. 9.
Wax, Liquid. Davies-Young Soap Company. 285,885, Aug. 11, 1931. Republished Mar. 9.
Wax, Liquid. Davies-Young Soap Company. 285,896, Aug. 11, 1931. Republished Mar. 9.

CLASS 17

Cigarettes. P. Lorillard Company. 437,302, Mar. 9; Serial No. 525,491, published Dec. 16, 1947.
Cigars. Gradiaz, Annis & Co., Inc. 437,177, Mar. 9; Serial No. 514,603, published Dec. 16, 1947.

Cigars. P. Lorillard Company. 437,305, Mar. 9; Serial No. 525,620, published Dec. 16, 1947.
Cigars, cigarettes, and tobaccos. Saks & Company. 437,158–60, Mar. 9; Serial Nos. 512,706–8, published Dec. 9, 1947.
Tobacco, Chewing and smoking. General Cigar Co., Inc. 437,155, Mar. 9; Serial No. 512,327, published Dec. 9, 1947.
Tobacco, Plug cut. P. Lorillard Company. 437,301, Mar. 9; Serial No. 525,352, published Dec. 9, 1947.
Tobacco, Plug, twist, and smoking. Taylor Brothers, Incorporated. 240,956, renewed Apr. 10, 1948. O. G. Mar. 9.
Tobacco, Smoking and chewing. Brown & Williamson Tobacco Corporation. 241,061–2, renewed Apr. 17, 1948. O. G. Mar. 9.

CLASS 19

Brakes and brake systems and parts thereof. Bragg-Kliesrath Corporation. 310,208, Feb. 13, 1934. Republished Mar. 9.
Radiators, radiator cores, and automobile heaters, Vehicle. Auto Radiator Manufacturing Company. 290,811, Jan. 19, 1932. Republished Mar. 9.

CLASS 20

Coverings, Linoleum and felt base wall. Armstrong Cork Company. 299,122, Nov. 22, 1932. Republished Mar. 9.
Oilcloth. Golding Bros. Company, Inc. 437,311, Mar. 9.

CLASS 21

Batteries, Storage. General Tire & Rubber Company. 311,281, Mar. 20, 1934. Republished Mar. 9.
Fixtures, Electric-lighting. Edwin F. Guth Company. 258,355, July 2, 1929. Republished Mar. 9.
Insulating compound, cable and conduit hangers, etc. Mineraliac Electric Company. 238,418, renewed Feb. 7, 1948. O. G. Mar. 9.
Radio receiving sets, Complete. Wasmuth-Goodrich Company. 225,976, Mar. 29, 1927. Republished Mar. 9.
Reflectors. Benjamin Electric Manufacturing Company. 265,967, Jan. 7, 1930. Republished Mar. 9.
Switches, Mercury. Absolute Con-Tac-Tor Corporation. 195,484, Feb. 24, 1925. Republished Mar. 9.
Switches, Temperature controlled electric. Spencer Thermostat Company. 285,709, Aug. 4, 1931. Republished Mar. 9.
Tools, Electrically operated. Kett Tool Company. 437,316, Mar. 9.

CLASS 22

Golf balls. Worthington Ball Company. 316,927, Sept. 11, 1934. Republished Mar. 9.
Golf balls. Worthington Ball Company. 323,896, May 7, 1935. Republished Mar. 9.
Golf-club irons. A. G. Spalding & Bros. 66,434, re-renewed Nov. 26, 1947. O. G. Mar. 9.
Rods, fishing rod handles, fishing rod cases, etc., Fishing. American Fork and Hoe Company. 258,244, July 2, 1929. Republished Mar. 9.
Skates, Ice skates and roller. Globe-Union Mfg. Co. 287,285, Sept. 15, 1931. Republished Mar. 9.

CLASS 23

Augers, auger-bits, reamers, etc. Norvell-Shapleigh Hardware Company. 68,010, re-renewed Mar. 3, 1948. O. G. Mar. 9.
Axes, adzes, broadaxes, etc. American Fork & Hoe Company. 283,564, June 2, 1931. Republished Mar. 9.
Blades, Haw-saw. E. C. Atkins and Company. 282,865, May 5, 1931. Republished Mar. 9.
Bodkins. J. J. Sindler. 315,933, Aug. 14, 1934. Republished Mar. 9.
Carburetors. Bendix Stromberg Carburetor Company. 311,537, Mar. 27, 1934. Republished Mar. 9.
Carvers, beef carvers, and breakfast carvers, Meat. Landers, Frary & Clark. 234,826, renewed Nov. 8, 1947. O. G. Mar. 9.
Chucks, Drill. Consolidated Machine Tool Corporation of America. 292,142, Mar. 1, 1932. Republished Mar. 9.
Compressors, pumps and tools, Air. Metalweld, Incorporated. 245,117, Aug. 7, 1928. Republished Mar. 9.
Cylinders, hydraulic operating valves, air compressors, etc., Hydraulic actuating. Electric Sprayit Co., The. 437,082, Mar. 9; Serial No. 481,617, published Oct. 8, 1946.
Engines, Internal-combustion. Cleveland Tractor Company. 147,965, Nov. 8, 1921. Republished Mar. 9.
Frame straighteners, teeter racks for automobiles, and automobile axle presses, Automobile. Bear Manufacturing Company. 292,908, Mar. 29, 1932. Republished Mar. 9.
Handles, Wooden. Turner, Day & Woolworth Handle Company. 316,030, Aug. 14, 1934. Republished Mar. 9.
Hoists, Hand. Beebe Bros. 231,163, renewed Aug. 16, 1947. O. G. Mar. 9.
Knives, Machine. E. C. Atkins & Company. 229,629, July 5, 1927. Republished Mar. 9.
Knives, Machine. Loring Coes & Co., Inc. 255,772, Apr. 30, 1929. Republished Mar. 9.

Machines, Heald Machine Company. 292,921, Mar. 29, 1932. Republished Mar. 9.
Razors and safety-razor blades, Safety. Treet Safety Razor Corporation. 240,969, renewed Apr. 10, 1948. O. G. Mar. 9.
Saws. E. C. Atkins and Company. 317,231, Sept. 18, 1934. Republished Mar. 9.
Sheaves and pulleys. Gates Rubber Company. 314,673, July 3, 1934. Republished Mar. 9.
Shovels. Leach Company. 289,575, Dec. 1, 1931. Republished Mar. 9.
Tools. J. Faessler Manufacturing Co. 68,996, re-renewed May 12, 1948. O. G. Mar. 9.
Tools, bolt cutters, horse-shoers', etc., Bit brace. Greenfield Tap and Die Corporation. 289,804, Dec. 8, 1931. Republished Mar. 9.
Water-softening systems and parts thereof. Elgin Softener Corporation. 264,017, Nov. 12, 1929. Republished Mar. 9.

CLASS 24

Washing machines, Clothes. F. L. Jacobs Co. 500,006, Mar. 9.

CLASS 25

Keys, locks and parts thereof. H. Hoffman. 437,099, Mar. 9; Serial No. 489,070, published Nov. 4, 1947.
Lock sets, locks, latches, etc., Door and closet. Lockwood Hardware Manufacturing Co. 437,135, Mar. 9; Serial No. 507,201, published Sept. 9, 1947.
Padlocks. Master Lock Company. 291,756, Feb. 23, 1932. Republished Mar. 9.
Safes, filing safes, note cases, etc. General Fireproofing Company. 287,258, Sept. 15, 1931. Republished Mar. 9.

CLASS 26

Calculating-machines. H. W. Egli. 66,214, re-renewed Nov. 19, 1947. O. G. Mar. 9.
Hydrometers. Elgin Softener Corporation. 288,806, Nov. 3, 1931. Republished Mar. 9.
Measuring rules. Bausch & Lomb Optical Company. 239,513, renewed Mar. 6, 1948. O. G. Mar. 9.
Time and thermostatic temperature controls, Combination. Minneapolis-Honeywell Regulator Company. 318,553, Oct. 30, 1934. Republished Mar. 9.
Valves, Temperature-controlled. Minneapolis-Honeywell Regulator Company. 282,192, Apr. 14, 1931. Republished Mar. 9.
Weather condition responsive control apparatus, Remotely located. Minneapolis-Honeywell Regulator Company. 323,780, Apr. 30, 1935. Republished Mar. 9.

CLASS 27

Watches. B. Selwyn. 437,106, Mar. 9; Serial No. 499,018, published Dec. 16, 1947.
Watches and parts thereof and clocks and parts thereof. Ebosa S. A. 437,117, Mar. 9; Serial No. 504,260, published Dec. 16, 1947.

CLASS 28

Buckles, Belt. Pioneer Suspender Company. 308,299, Nov. 28, 1933. Republished Mar. 9.
Buckles, Ornamental. I. Miller & Sons, Inc. 240,024, renewed Mar. 20, 1948. O. G. Mar. 9.
Buttons, collar holders, tie holders, etc., Collar. Hickok Manufacturing Co. Inc. 437,274, Mar. 9; Serial No. 523,668, published Dec. 16, 1947.
Dishware, Shallow. Ellmore Silver Co., Inc. 437,298, Mar. 9; Serial No. 525,202, published Dec. 16, 1947.
Flatware and sterling silver hollowware, Sterling silver. Watson Company. 288,097, Oct. 20, 1931. Republished Mar. 9.
Hollow ware and sterling silver flat ware, Sterling silver. Watson Company. 289,958, Dec. 15, 1931. Republished Mar. 9.
Jewelry, Precious and non-precious ornamental. Omar, Inc. 437,252, Mar. 9; Serial No. 521,991, published Dec. 16, 1947.
Tableware, Silverplated flat. Oneida Ltd. 437,282, Mar. 9; Serial No. 523,989, published Dec. 16, 1947.
Tableware, Silverplated flat. Oneida Ltd. 437,283, Mar. 9; Serial No. 523,991, published Dec. 16, 1947.
Tableware, Sterling silver flat. Oneida Ltd. 437,281, Mar. 9; Serial No. 523,982, published Dec. 16, 1947.

CLASS 29

Brushes. Nyko Laboratories, Inc. 310,274, Feb. 13, 1934. Republished Mar. 9.
Brushes, Hair. Stanley Home Products, Inc. 437,307, Mar. 9; Serial No. 525,972, published Nov. 25, 1947.
Brushes, Oval varnish. Whiting-Adams Company, Inc. 437,166, Mar. 9; Serial No. 513,363, published Sept. 2, 1947.

CLASS 30

Cups and saucers and other table chinaware, China. M. H. Patterson. 437,189, Mar. 9; Serial No. 516,568, published Dec. 16, 1947.

CLASS 32

Cabinets, Filing. General Fireproofing Co. 341,802, Dec. 22, 1936. Republished Mar. 9.

Counters, bakers' tables, etc., Pastry. Duke Manufacturing Co. 275,715, Sept. 30, 1930. Republished Mar. 9.
Desk tables, Folding. John Schroeder Lumber Co. 241,344, renewed Apr. 24, 1948. O. G. Mar. 9.
Drawers or boxes for record files, File. Globe-Wernicke Co. 323,710, Apr. 30, 1935. Republished Mar. 9.
Mattresses and bed springs. R. C. Heller Co. Inc. 437,182, Mar. 9; Serial No. 515,838, published Oct. 14, 1947.
Mattresses and box springs. E. Anspacher. 437,147, Mar. 9; Serial No. 510,227, published Oct. 7, 1947.
Secretaries, chests, desks, etc. Marshall Field & Company. 292,477, Mar. 15, 1932. Republished Mar. 9.
Suites, bedroom suites, living room suites, etc., Dining room. Stern & Co. 316,611, Aug. 28, 1934. Republished Mar. 9.

CLASS 34

Burners for heating and parts thereof, Domestic and industrial oil. R. W. Beckett Corporation. 437,284, Mar. 9; Serial No. 524,051, published Nov. 4, 1947.
Heating and air conditioning systems, Warm air. L. J. Mueller Furnace Company. 298,115, Oct. 11, 1932. Republished Mar. 9.
Lamps, Kerosene. P. A. Price. 437,291, Mar. 9; Serial No. 524,414, published Nov. 4, 1947.
Lamps, Oil. Rubicon, Inc. 437,240, Mar. 9; Serial No. 521,536, published Nov. 4, 1947.
Lighters, Mechanical cigar and cigarette. Matawan Lighter Company, Inc. 437,088, Mar. 9; Serial No. 487,050, published Nov. 20, 1945.
Ovens, Gas fired. Bakers Pride Oven Co., Inc. 437,145, Mar. 9; Serial No. 509,495, published Dec. 9, 1947.
Ranges and gas stoves and parts thereof, Gas. Hardwick Stove Company. 437,113–14, Mar. 9; Serial Nos. 503,368–69, published Dec. 9, 1947.
Stoves and ranges, Gas. Geo. D. Roper Corporation. 437,191, Mar. 9; Serial No. 516,729, published Nov. 11, 1947.
Stoves, ranges, and furnaces and parts thereof. Summit Foundry Co. 66,204, re-renewed Nov. 12, 1947. O. G. Mar. 9.

CLASS 35

Belting, Leather. Henry K. Barnes Company. 306,055, Sept. 5, 1933. Republished Mar. 9.
Belts, transmission belting, vehicle tires, etc., Automobile fan and generator. Gates Rubber Company. 291,991, Mar. 1, 1932. Republished Mar. 9.
Brake linings and transmission linings. S. K. Wellman Company. 306,579, Sept. 26, 1933. Republished Mar. 9.
Packings, Asbestos. Keasbey & Mattison Company. 317,265, Sept. 18, 1934. Republished Mar. 9.
Patches, Tire-tube. H. B. Egan. 239,030, renewed Feb. 21, 1948. O. G. Mar. 9.

CLASS 37

Calendars, diaries, and address books, Combination desk. Acme Card System Company. 321,451, Feb. 5, 1935. Republished Mar. 9.
Card indexes, guide cards, cards. Duradex Company. 231,214, renewed Aug. 16, 1947. O. G. Mar. 9.
Desk sets. Parker Pen Company. 255,741, Apr. 30, 1929. Republished Mar. 9.
Desk sets. Parker Pen Company. 294,284, May 24, 1932. Republished Mar. 9.
Paper files. Globe-Wernicke Co. 256,097, May 7, 1929. Republished Mar. 9.
Paper, Printing and writing. Graham Paper Company. 66,549–55, re-renewed Dec. 10, 1947. O. G. Mar. 9.
Paper, Printing and writing. Graham Paper Company. 66,590–2, re-renewed Dec. 17, 1947. O. G. Mar. 9.
Paper, Printing and writing. Graham Paper Company. 67,377–8, re-renewed Jan. 28, 1948. O. G. Mar. 9.
Paper towels. Kotex Company. 297,536, Sept. 20, 1932. Republished Mar. 9.
Papers, printing, book and cover papers, and offset papers, Rotogravure. Seaman Paper Company. 264,522, Nov. 26, 1929. Republished Mar. 9.
Papers, printing, book, and cover papers, Rotogravure. Seaman Paper Company. 264,523, Nov. 26, 1929. Republished Mar. 9.
Papers, printing, book, and cover papers, Rotogravure. Seaman Paper Company. 264,968, Dec. 10, 1929. Republished Mar. 9.
Pens and fountain pens, Ball point. J. Galter. 437,237, Mar. 9; Serial No. 521,321, published Dec. 9, 1947.
Stays and sealing strips, Gummed box. McLaurin-Jones Co. 241,595, renewed May 1, 1948. O. G. Mar. 9.
Tissue-paper, colored tissue-paper, and other named paper items, White. James R. Crompton & Brothers, Limited. 64,014, July 16, 1907. Corrected. O. G. Mar. 9.
Tissues, napkins, etc., Handkerchiefs, cleansing and polishing. Cellulose Products Corporation. 299,676, Dec. 13, 1932. Republished Mar. 9.

CLASS 38

Booklets published monthly. M. E. Fischer. 437,178, Mar. 9; Serial No. 514,808, published Dec. 9, 1947.
Books of scientific instruction in radio. M. H. Kronenberg. 437,171, Mar. 9; Serial No. 513,826, published Dec. 9, 1947.
Cards, Greeting. White & Wyckoff Mfg. Co. 437,228, Mar. 9; Serial No. 520,661, published Dec. 9, 1947.
Cartoons. W. F. Shanks. 437,238, Mar. 9; Serial No. 521,364, published Dec. 9, 1947.
Chart for mixed drinks, Recipe. G. E. Force. 437,215, Mar. 9; Serial No. 519,745, published Dec. 9, 1947.
Charts for color analysis. R. Hudnut. 437,079, Mar. 9; Serial No. 479,938, published Dec. 9, 1947.
Comic magazine. Compix, Inc. 437,224, Mar. 9; Serial No. 520,442, published Dec. 9, 1947.
Comic strip in a daily newspaper. Field Enterprises, Inc. 437,246, Mar. 9; Serial No. 521,657, published Dec. 2, 1947.
Illustrations of portraits and reproductions, Hand. G. K. Christensen. 437,317, Mar. 9.
Magazine. Armstrong Cork Company. 286,903, Sept. 8, 1931. Republished Mar. 9.
Magazine column. New Yorker Magazine, Inc. 437,250, Mar. 9; Serial No. 521,980, published Dec. 2, 1947.
Magazine, Monthly. National Laymen's Evangelistic Association. 437,245, Mar. 9; Serial No. 521,603, published Dec. 9, 1947.
Magazine or publication. Hillman Periodicals, Inc. 437,174, Mar. 9; Serial No. 514,416, published Dec. 9, 1947.
Magazine published periodically. Sundries Publishing Co., Inc. 437,221, Mar. 9; Serial No. 520,191, published Dec. 2, 1947.
News column on aviation. F. E. Bladasz. 437,249, Mar. 9; Serial No. 521,960, published Dec. 2, 1947.
Newspaper and magazine column. H. Hoover. 437,122, Mar. 9; Serial No. 504,764, published Dec. 9, 1947.
Periodical. Brown & Bigelow. 202,044, Aug. 11, 1925. Republished Mar. 9.
Periodicals. Geo. A. Pflaum, Publisher, Inc. 437,196–8, Mar. 9; Serial Nos. 517,429–31, published Dec. 9, 1947.
Printed books. D. Muir. 437,137, Mar. 9; Serial No. 507,588, published Dec. 9, 1947.
Publication. Arco Company. 437,111, Mar. 9; Serial No. 501,622, published May 6, 1947.
Publication. Public Safety Publishing Co., Inc. 437,313, Mar. 9.
Publication issued periodically. C. Judd. 437,227, Mar. 9; Serial No. 520,630, published Dec. 9, 1947.
Publication, Monthly. Metal Industry Publishing Co., Inc. 437,312, Mar. 9.
Publication, Periodical. Acacia Fraternity. 232,936, renewed Sept. 20, 1947. O. G. Mar. 9.
Publications issued periodically. Cinema Electric Commodities Limited. 437,077, Mar. 9; Serial No. 478,680, published Dec. 9, 1947.
Title for a column in a periodical. Street & Smith Publications, Inc. 437,143, Mar. 9; Serial No. 508,557, published Dec. 2, 1947.
Title for a column in a periodical. Street & Smith Publications, Inc. 437,223, Mar. 9; Serial No. 520,425, published Dec. 9, 1947.
Title for a comic strip. Press Publishing Company. 236,091, renewed Dec. 6, 1947. O. G. Mar. 9.

CLASS 39

Belts. Pioneer Suspender Company. 311,413, Mar. 20, 1934. Republished Mar. 9.
Belts, suspenders, braces, and garters, Apparel. Pioneer Suspender Company. 294,153, May 17, 1932. Republished Mar. 9.
Boots and shoes, Leather. Regal Shoe Company. 262,996, Oct. 29, 1929. Republished Mar. 9.
Clothing, Men's and boys' work. Western Auto Supply Company. 437,124, Mar. 9; Serial No. 505,541, published Dec. 9, 1947.
Coats and lounging robes, Ladies', misses', and girls' house. Geisha Robe Co. 500,007, Mar. 9.
Corsets. Franco Corset Company. 310,730, Mar. 6, 1934. Republished Mar. 9.
Dresses. Dumari Textile Co., Inc. 285,139, July 14, 1931. Republished Mar. 9.
Dresses, Ladies. Gottfried Company. 320,829, Jan. 8, 1935. Republished Mar. 9.
Dresses, Ladies' and misses'. Oppenheim, Collins & Co., Inc. 240,598, renewed Apr. 3, 1948. O. G. Mar. 9.
Garters and suspenders, Men's. Pioneer Suspender Company. 313,841, June 12, 1934. Republished Mar. 9.
Gloves. B. Altman. 31,548, re-renewed May 17, 1948. O. G. Mar. 9.
Gloves, Work. Tennessee Glove Company. 437,247, Mar. 9; Serial No. 521,834, published Dec. 9, 1947.
Gowns and sleeping pajamas, Women's sleeping. Munsingwear, Inc. 437,204, Mar. 9; Serial No. 518,165, published Dec. 2, 1947.
Hats, Infants', children's, and misses'. Cinderella Hat Co., Inc. 193,005, Dec. 16, 1924. Republished Mar. 9.
Hats, jackets, blouses, etc., Women's. Firestone Tire & Rubber Company. 437,105, Mar. 9; Serial No. 498,830, published Dec. 9, 1947.
Hosiery. Apex Hosiery Company. 303,366, May 23, 1933. Republished Mar. 9.
Hosiery. Elliott Knitting Mills, Inc. 237,827, renewed Jan. 17, 1948. O. G. Mar. 9.
Hosiery. C. C. McGaugh. 287,851, Oct. 13, 1931. Republished Mar. 9.

Hosiery. Chester H. Roth Co. Inc. 437,211, Mar. 9; Serial No. 519,098, published Nov. 18, 1947.
Hosiery, Women's. Mo-Zell Hosiery. 437,280, Mar. 9; Serial No. 523,917, published Dec. 9, 1947.
Negligee, work and dress shirts; etc., Men's and boys' cotton, silk, wool, and flannel. H. J. Holman & Sons Inc. 240,479, renewed Mar. 27, 1948. O. G. Mar. 9.
Pajamas, nightgown, and bed jackets, Infants', children's, ladies', etc. La Chez Manufacturing Co. 437,279, Mar. 9; Serial No. 523,897, published Dec. 9, 1947.
Raincoats. Spatz Bros., Inc. 437,259, Mar. 9; Serial No. 522,335, published Dec. 9, 1947.
Shoes. Brown Shoe Company, Inc. 236,544, renewed Dec. 13, 1947. O. G. Mar. 9.
Shoes. Marion Shoe Company. 314,490, July 3, 1934. Republished Mar. 9.
Shoes. Senack Shoe Company. 255,168, Apr. 16, 1929. Republished Mar. 9.
Shoes, Children's leather. Milton J. Meyer & Co., Inc. 229,174, June 21, 1927. Republished Mar. 9.
Shoes, Leather. Johnson Products, Inc. 437,308, Mar. 9.
Shoes, Leather. Weyenberg Shoe Mfg. Co. 305,641, Aug. 22, 1933. Republished Mar. 9.
Shoes, Leather. Weyenberg Shoe Mfg. Co. 309,948, Feb. 6, 1934. Republished Mar. 9.
Shoes, Leather. Weyenberg Shoe Manufacturing Company. 317,406, Sept. 25, 1934. Republished Mar. 9.
Skirts, sweaters, jackets, etc., Outer. Eclipse Knitting Mills, Inc. 437,146, Mar. 9; Serial No. 510,164, published Dec. 9, 1947.
Suits, dresses, raincoats, etc., Ladies'. Duchess Royal, Inc. 500,008, Mar. 9.
Supporters, women's and children's knitted or textile underwear, etc., Women's bust. Z. M. Richards. 203,023, renewed Sept. 8, 1945. O. G. Mar. 9.
Sweaters, Cotton. Knitster, Inc. 437,239, Mar. 9; Serial No. 521,393, published Dec. 9, 1947.
Undergarments, Women's. Weingarten Bros., Inc. 317,205, Sept. 18, 1934. Republished Mar. 9.
Underwear, Men's. Stanley Underwear Co. 437,262, Mar. 9; Serial No. 522,719, published Dec. 9, 1947.
Union suits, corset covers, vests, etc., Knitted. William Carter Co. 65,969, re-renewed Nov. 5, 1947. O. G. Mar. 9.
Wearing apparel, Children's. Sears, Roebuck and Co. 235,576, renewed Nov. 22, 1947. O. G. Mar. 9.

CLASS 40

Bindings, waist bands, pipings, etc., Bias. Metropolitan Bias Binding Co. 437,190, Mar. 9; Serial No. 516,625, published Dec. 9, 1947.
Blanket retainer, Padded baby. J. E. Spittler. 437,303, Mar. 9; Serial No. 525,509, published Nov. 18, 1947.
Buckles. Pioneer Suspender Company. 299,417, Dec. 6, 1932. Republished Mar. 9.
Buckles and buttons. Burwood Products Company. 437,167, Mar. 9; Serial No. 513,497, published Dec. 9, 1947.
Buckles, Belt. Pioneer Suspender Company. 307,982, Nov. 14, 1933. Republished Mar. 9.
Combs, Hair. Stanley Home Products, Inc. 437,287, Mar. 9; Serial No. 524,161, published Nov. 11, 1947.
Curlers, Hair. Mervin Wave Clip Co., Inc. 437,203, Mar. 9; Serial No. 518,091, published Nov. 18, 1947.
Foundation materials, Fabric and canvas. John Dritz & Sons. 437,230, Mar. 9; Serial No. 520,938, published Nov. 18, 1947.
Goods for embroidering, Stamped. American Thread Company. 437,151, Mar. 9; Serial No. 510,927, published Nov. 11, 1947.
Handkerchief cases, lingerie cases, and utility cases, all perfumed, etc. Le Sonier, Inc. 437,078, Mar. 9; Serial No. 479,882, published Dec. 9, 1947.
Iron, Non-electric hair pressing, waving and curling. S. Shapiro. 437,192, Mar. 9; Serial No. 516,790, published Nov. 18, 1947.
Lace trimmings, namely, medallions and ruffings. Emanuel Roth Co. Inc. 437,153, Mar. 9; Serial No. 511,579, published Dec. 16, 1947.
Material or fabric stamped for art embroidery. Frampton Company. 235,089, renewed Nov. 8, 1947. O. G. Mar. 9.
Pads, Shoulder. Betty Dain Creations, Inc. 437,206, Mar. 9; Serial No. 518,453, published Nov. 4, 1947.
Pins, Bobby. R. Waders. 437,306, Mar. 9; Serial No. 525,720, published Nov. 18, 1947.
Straps, Leather safety. Louis Lefkowitz & Bro., Inc. 437,315, Mar. 9.
Tape, Textile and leather binding and trimming. Haley Cate Company, Inc. 437,260, Mar. 9; Serial No. 522,347, published Dec. 9, 1947.
Tape, Venitian blind. Wollin Mills, Incorporated. 437,267, Mar. 9; Serial No. 522,926, published Dec. 9, 1947.
Webbing, Narrow. All American Aviation, Inc. 437,286, Mar. 9; Serial No. 524,099, published Dec. 9, 1947.

CLASS 41

Handles, and canes, Umbrella. Shermar Weatherproofs, Inc. 437,265, Mar. 9; Serial No. 522,792, published Dec. 2, 1947.

CLASS 42

Blankets, Cotton. Carolina Cotton & Woolen Mills Company. 200,855, July 14, 1925. Republished Mar. 9.
Blankets, Textile. Seymour Woolen Mills. 262,947, Oct. 29, 1929. Republished Mar. 9.
Fabrics in the piece. Dumari Textile Co., Inc. 284,140, June 16, 1931. Republished Mar. 9.
Fabrics, Textile. Real Sport Clothing Company. 316,189, Aug. 21, 1934. Republished Mar. 9.
Marquisette for curtains, casement cloth for draperies, and gauze for curtains. Fairclough & Gold, Inc. 236,125, renewed Dec. 6, 1947. O. G. Mar. 9.
Napkins, Table. Patricia Mills, Inc. 196,285, renewed Mar. 17, 1945. O. G. Mar. 9.
Padding, table pads, and bed pads, Knitted cotton. Knitted Padding Company. 210,076, Mar. 9, 1926. Republished Mar. 9.
Piece goods, Woolen. American Woolen Company. 290,957, Jan. 19, 1932. Republished Mar. 9.
Piece goods, Woolen. American Woolen Company. 293,155, Apr. 12, 1932. Republished Mar. 9.
Piece goods, Woolen. American Woolen Company. 320,936, Jan. 15, 1935. Republished Mar. 9.
Robes, Motor. Lee Brothers (Overwear) Ltd. 236,196, Dec. 6, 1927. Corrected. O. G. Mar. 9.
Sheets and pillowcases. Marshall Field & Company. 292,327, Mar. 15, 1932. Republished Mar. 9.
Silk bolting-cloth. Schweizerische Seidengazefabrik A. G. 68,318, re-renewed Mar. 24, 1948. O. G. Mar. 9.
Woolens. R. Karmelenski. 238,887, renewed Feb. 14, 1948. O. G. Mar. 9.
Worsteds in the piece. American Woolen Company. 289,313, Nov. 24, 1931. Republished Mar. 9.

CLASS 43

Thread. Linen Thead Co., Inc. 437,275, Mar. 9; Serial No. 523,690, published Nov. 11, 1947.
Thread and yarn. Diffusion Textile de Files de Marque Francaise, Société Anonyme. 437,232–3, Mar. 9; Serial Nos. 521,000–1, published Nov. 18, 1947.
Thread and yarns. Newnan Cotton Mills. 437,218, Mar. 9; Serial No. 520,113, published Nov. 18, 1947.
Threads, asbestos yarns, asbestos flat thread tapes, Asbestos. Keasbey & Mattison Company. 317,711, Oct. 2, 1934. Republished Mar. 9.
Yarn and cotton yarn, Wool. Goodman Bros. 437,254, Mar. 9; Serial No. 522,188, published Dec. 2, 1947.
Yarn and thread. Lingold, Inc. 437,272, Mar. 9; Serial No. 523,319, published Dec. 2, 1947.
Yarn, Textile. Reynolds Metals Company. 437,100, Mar. 9; Serial No. 495,098, published July 8, 1947.
Yarn, Worsted. Abbot Worsted Company. 437,299, Mar. 9; Serial No. 525,276, published Nov. 18, 1947.
Yarns, Art needlework. Bernhard Ulmann Co. Inc. 437,255, Mar. 9; Serial No. 522,210, published Dec. 9, 1947.
Yarns, Art needlework. Bernhard Ulmann Co. Inc. 437,273, Mar. 9; Serial No. 523,644, published Dec. 9, 1947.

CLASS 44

Administration sets. Don Baxter, Inc. 437,116, Mar. 9; Serial No. 504,026, published Dec. 16, 1947.
Artificial eyes. American Optical Company. 437,304, Mar. 9; Serial No. 525,524, published Dec. 16, 1947.
Bandage, Surgical. A. de St. Dalmas & Co., Ltd. 437,296, Mar. 9; Serial No. 524,957, published Dec. 9, 1947.
Cement for use by dentists, Impression. Reliance Dental Mfg. Co. 437,235, Mar. 9; Serial No. 521,208, published Dec. 16, 1947.
Dental alloy. J. G. Beresin. 437,248, Mar. 9; Serial No. 521,849, published Dec. 16, 1947.
Dental impression material, Elastic. Iteco Dental Manufacturing Company. 437,126, Mar. 9; Serial No. 506,107, published Dec. 16, 1947.
Device for determining exact centric relationship in the making of full and partial, upper or lower dentures, etc. Motloid Company, Inc. 437,144, Mar. 9; Serial No. 509,024, published Dec. 9, 1947.
Enameled ware. Columbian Enameling & Stamping Co. Inc. 437,080, Mar. 9; Serial No. 480,947, published Dec. 16, 1947.
Formula and sterilizer outfits. Sanit-All Products Corporation. 437,095, Mar. 9; Serial No. 491,365, published Dec. 16, 1947.
Guard to prevent the smearing of fingernail polish. L. Pfister. 437,277, Mar. 9; Serial No. 523,847, published Dec. 16, 1947.
Manicuring squares. Kimberly-Clark Corporation. 312,818, May 8, 1934. Republished Mar. 9.
Sanitary belts. Kotex Company. 265,413, Dec. 24, 1929. Republished Mar. 9.
Syringes, hot water bags, and hot water bottles, Douch. Tyrrell's Hygienic Institute, Inc. 437,295, Mar. 9; Serial No. 524,753, published Dec. 16, 1947.
Therapeutic lamps. Safety Electric Company. 437,314, Mar. 9.

CLASS 45

Beverages and syrups, Soft drink. N. Christopher. 437,118, Mar. 9; Serial No. 504,327, published Dec. 9, 1947.

Beverages, Carbonated, nonalcoholic, noncereal, maltless. Orange Crush Bottling Co. 240,941, renewed Apr. 10, 1948. O. G. Mar. 9.
Beverages, Maltless, non-alcoholic. Dupont Pharmacy, Inc. 306,812, Sept. 26, 1933. Republished Mar. 9.
Beverages, Nonalcoholic, noncereal, maltless. One Mor, Inc. 437,150, Mar. 9; Serial No. 510,858, published Dec. 2, 1947.
Beverages, Non-alcoholic, non-cereal, maltless. J. Shimanovsky. 437,131, Mar. 9; Serial No. 506,779, published Dec. 9, 1947.
Ginger ale. Yukon Club Company. 239,767, renewed Mar. 13, 1948. O. G. Mar. 9.

CLASS 46

Beans, Dried. Strohmeyer & Arpe Company. 285,854, Aug. 11, 1931. Republished Mar. 9.
Bread. P. F. Petersen Baking Company. 309,356, Jan. 9, 1934. Republished Mar. 9.
Butter scotch. Kerr Brothers. 66,799, re-renewed Dec. 31, 1947. O. G. Mar. 9.
Candy. Casebolt Biscuit Company. 437,186, Mar. 9; Serial No. 516,467, published Nov. 11, 1947.
Candy. Casebolt Biscuit Company. 437,187, Mar. 9; Serial No. 516,469, published Nov. 11, 1947.
Canned fish. People's Packing Corporation. 437,269, Mar. 9; Serial No. 523,035, published Nov. 25, 1947.
Canned fruits. Pacific Coast Canners, Inc. 236,685, renewed Dec. 20, 1947. O. G. Mar. 9.
Canned fruits, canned vegetables and canned tomato paste. Flotill Products, Incorporated. 437,199, Mar. 9; Serial No. 517,628, published Nov. 11, 1947.
Canned tomato paste. West Coast Packing Corporation. 437,278, Mar. 9; Serial No. 523,873, published Dec. 2, 1947.
Cereals, Wheat breakfast. C. Krause. 227,186, renewed May 3, 1947. O. G. Mar. 9.
Cheese, butter, eggs, etc. Breakstone Bros. Inc. 235,366, renewed Nov. 15, 1947. O. G. Mar. 9.
Chili spice preparation. Gebhardt Chili Powder Co. 68,358, re-renewed Mar. 31, 1948. O. G. Mar. 9.
Chocolate candy bars. Les Cisterciennes Reformees. 437,168, Mar. 9; Serial No. 513,582, published Nov. 11, 1947.
Coffee. Roberts Coffee Company. 258,397, July 9, 1929. Republished Mar. 9.
Coffee, M. H. Taylor. 437,309, Mar. 9.
Coffee, savory, cocoa, etc. L. H. Parke Company. 241,944, renewed May 8, 1948. O. G. Mar. 9.
Coffee, Substitutes for. John F. Bauer & Co. 30,502, re-renewed Aug. 17, 1947. O. G. Mar. 9.
Crackers and cakes. Bright Biscuit Co. 283,328, May 26, 1931. Corrected. O. G. Mar. 9.
Feed and hog feed, Dairy. Maritime Milling Co. Inc. 437,276, Mar. 9; Serial No. 523,692, published Dec. 2, 1947.
Flour, and a self-rising flour, Plain. Robinson Milling Company. 265,109, Dec. 17, 1929. Republished Mar. 9.
Flour, Biscuit. Maple Leaf Milling Company Limited. 437,165, Mar. 9; Serial No. 513,324, published Nov. 18, 1947.
Flour, Prepared. C. E. Taylor. 234,877, renewed Nov. 8, 1947. O. G. Mar. 9.
Flour, Wheat. Cannon Valley Milling Company. 237,575, Jan. 10, 1928. Republished Mar. 9.
Flour, Wheat. Empire State Flour Mills. 208,934, Nov. 15, 1932. Republished Mar. 9.
Foods. J. B. Inderrieden Co. 318,634, Oct. 30, 1934. Republished Mar. 9.
Fruits, Fresh citrous. Teague-McKevett Company. 241,289, renewed Apr. 24, 1948. O. G. Mar. 9.
Fruits, Fresh citrus. Orange Belt Fruit Distributors. 437,268, Mar. 9; Serial No. 523,003, published Nov. 25, 1947.
Fruits, Fresh citrus. Oxnard Citrus Association. 240,588, renewed Apr. 3, 1948. O. G. Mar. 9.
Fruits, fresh vegetables, etc., Green and dried. Garcia & Maggini Co. 211,034, renewed Mar. 30, 1946. O. G. Mar. 9.
Herring, and kipper snacks, Kippered. Strohmeyer & Arpe Company. 305,355, Aug. 15, 1933. Republished Mar. 9.
Herring, Dressed salted. Strohmeyer & Arpe Company. 292,266, Mar. 8, 1932. Republished Mar. 9.
Horse-radish. J. Mintz. 252,362, renewed Feb. 5, 1949. O. G. Mar. 9.
Ice-cream gelatinous powders, spices, and cereal, etc. Preservaline Manufacturing Company. 238,895, renewed Feb. 14, 1948. O. G. Mar. 9.
Jams and jellies. Oelerich & Berry Company. 313,126, May 15, 1934. Republished Mar. 9.
Macaroni, spaghetti, and egg noodles. Jordan Stevens Company. 237,531, renewed Jan. 10, 1948. O. G. Mar. 9.
Meat roll. C. Hollenbach. 234,533, renewed Nov. 1, 1947. O. G. Mar. 9.
Meats. New Zanesville Provision Co. 223,001, renewed Jan. 11, 1947. O. G. Mar. 9.
Molasses. Oelerich & Berry Company. 316,439, Aug. 28, 1934. Republished Mar. 9.
Oil, Hydrogenated flaked cottonseed. Procter & Gamble Company. 306,459, Sept. 19, 1933. Republished Mar. 9.
Peanut butter, prepared mustard and mustard bran, etc. Maury-Cole Company. 242,654, renewed May 29, 1948. O. G. Mar. 9.
Pies. Pie Bakeries of America Inc. 248,210, Oct. 16, 1928. Republished Mar. 9.
Potatoes, White-raw. Schley Brothers. 437,164, Mar. 9; Serial No. 513,214, published Nov. 11, 1947.
Rice. Converted Rice. 437,176, Mar. 9; Serial No. 514,591, published Dec. 30, 1947.
Sandwich spread. D. G. Gregoire. 437,225, Mar. 9; Serial No. 520,456, published Dec. 9, 1947.
Shortening, Vegetable. Procter & Gamble Company. 307,630, Oct. 31, 1933. Republished Mar. 9.
Shortenings. C. F. Simonin's Sons, Inc. 286,334, Aug. 25, 1931. Republished Mar. 9.
Syrup. Cuban-American Syrup Company. 240,039, renewed Mar. 20, 1948. O. G. Mar. 9.
Syrups, Table and cooking. J. Stromeyer Company. 263,331, Nov. 5, 1929. Republished Mar. 9.
Vegetables, Fresh. John W. Law Co. 437,257, Mar. 9; Serial No. 522,256, published Nov. 25, 1947.
Walnuts, filberts, etc. Sunset Nut Shelling Company. 192,688, Dec. 9, 1924. Republished Mar. 9.
Wheat-flour. Cannon Valley Milling Company. 136,355–6, Nov. 2, 1920. Republished Mar. 9.
Wheat-flour. Cannon Valley Milling Company. 137,139, Nov. 23, 1920. Republished Mar. 9.
Wheat-flour. Washburn Crosby Company. 66,614, renewed Dec. 17, 1947. O. G. Mar. 9.

CLASS 47

Wines. Bragno & Company. 320,775, Jan. 8, 1935. Republished Mar. 9.
Wines. Duggan's Distilleries Corporation. 437,194, Mar. 9; Serial No. 517,293, published Dec. 9, 1947.
Wines. Marlboro Industries, Ltd. 437,184, Mar. 9; Serial No. 516,366, published Oct. 28, 1947.
Wines. Monarch Wine Company of Georgia. 437,258, Mar. 9; Serial No. 522,277, published Dec. 9, 1947.
Wines. Geo. G. Sandeman, Sons & Co. Limited. 437,108, Mar. 9; Serial No. 499,511, published Dec. 2, 1947.

CLASS 48

Beer. Fitger Brewing Company. 437,231, Mar. 9; Serial No. 520,942, published Dec. 2, 1947.
Beer. Minneapolis Brewing Company. 313,730, June 5, 1934. Republished Mar. 9.
Beer, Canned and bottled. George Muehlebach Brewing Company. 437,256, Mar. 9; Serial No. 522,222, published Dec. 9, 1947.
Beverages, Malt. Aktieselskabet De forenede Bryggerier. 437,127, Mar. 9; Serial No. 506,284, published Dec. 2, 1947.
Beverages, Malt. Falstaff Brewing Corporation. 317,072, Sept. 11, 1934. Republished Mar. 9.

CLASS 49

Alcohol, Grain. Red Star Yeast & Products Company. 282,277, Apr. 14, 1931. Republished Mar. 9.
Alcoholic spirits, Distilled. Licoreria Marin, Inc. 437,103, Mar. 9; Serial No. 497,315, published Dec. 2, 1947.
Brandy. Carbonell y Compañia de Córdoba S. A. 437,310, Mar. 9.
Gin. Strohmeyer & Arpe Company. 311,848–9, Apr. 10, 1934. Republished Mar. 9.
Whiskey. Bushmill Wine & Products Co., Inc. 316,727, Sept. 4, 1934. Republished Mar. 9.
Whiskey. Bushmill Wine & Products Company, Inc. 317,189, Sept. 18, 1934. Republished Mar. 9.
Whiskey and brandy. Bushmill Wine & Products Company, Inc. 316,368, Aug. 21, 1934. Republished Mar. 9.
Whiskey, gin, rum, etc. Continental Distilling Corporation. 319,858, Dec. 4, 1934. Republished Mar. 9.

CLASS 50

Closure or caps, Molded bottle and jar. Armstrong Cork Company. 283,037, May 12, 1931. Republished Mar. 9.
Protectors, Plant. W. R. Schindler. 323,933, May 7, 1935. Republished Mar. 9.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 9TH DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Better Packages, Inc., assignee: *See*—
Fitch, Harold L.
Donkersley, Albert B., and J. R. Welshman, Cranston, assignors to Grinnell Corporation, Providence, R. I. Spring hanger. Re. 22,980, Mar. 9.
Fitch, Harold L., Rochester, N. Y., assignor, by mesne assignments, to Better Packages, Inc., Shelton, Conn. Automatic tape dispenser and cutter. Re. 22,981, Mar. 9.
Foulkes, Christopher H., assignor to Standard Telephones and Cables Limited, London, England. Mechanical adjustment of elements mounted inside vacuum tubes. Re. 22,982, Mar. 9.
Grinnell Corporation, assignee: *See*—
Donkersley, Albert B., and Welshman.
Haddock, Norman H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of dyestuffs. Re. 22,983, Mar. 9.
Imperial Chemical Industries Limited, assignee: *See*—
Haddock, Norman H.
Standard Telephones and Cables, Limited, assignee: *See*—
Foulkes, Christopher H.
Welshman, James R.: *See*—
Donkersley, Albert B., and Welshman.

LIST OF PLANT PATENTEES

Armstrong Nurseries, Inc., assignee: *See*—
Swim, Herbert C.
Conard-Pyle Company, The, assignee: *See*—
Van Barneveld, John H.
Swim, Herbert C., assignor to Armstrong Nurseries, Inc., Ontario, Calif. Nectarine plant. 787, Mar. 9.
Van Barneveld, John H., Puente, Calif., assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 788, Mar. 9.

LIST OF DESIGN PATENTEES

Air-Way Electric Appliance Corporation, assignee: *See*—
Nuffer, Joseph H., and Latta.
Alessandrini, Guido, Grand Rapids, assignor to Townsend Manufacturing Company, Zeeland, Mich. Provincial step table. 148,902, Mar. 9.
Amity Leather Products Co., assignee: *See*—
Reis, John P.
Ashdowne, James S., assignor to Joseph Buegeleisen Co., Inc., Detroit, Mich. Belt. 148,903, Mar. 9.
Baur, John W., and E. Gustafsson, assignor to Binks Manufacturing Company, Chicago, Ill. Spray gun or the like. 148,904, Mar. 9.
Belcher, Boris, Philadelphia, Pa. Condiment shaker. 148,906, Mar. 9.
Bendix Aviation Corporation, assignee: *See*—
Burton, Frank C.
Bextel, Robert O., Chicago, Ill. Combination lamp and potted plant bowl. 148,905, Mar. 9.
Binks Manufacturing Company, assignee: *See*—
Baur, John W., and Gustafsson.
Buegeleisen, Joseph, Co., Inc., assignee: *See*—
Ashdowne, James S.
Burton, Frank C., Grand Rapids, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Radio cabinet or the like. 148,907, Mar. 9.
Cantor, Jacob J., Los Angeles, Calif. Ear drum protector. 148,908, Mar. 9.
Carlson, George W., Minneapolis, Minn. Scythe. 148,909, Mar. 9.
Casco Products Corporation, assignee: *See*—
Florian, Gordon W.
Chain Belt Company, assignee: *See*—
Stevens, Clifford B.
Chernow, Michael, New York, N. Y. Alphabet for forming monograms or the like. 148,910, Mar. 9.
Cobbs-Hopkins Company, assignee: *See*—
Hopkins, Horner H.
Coburn, Frank H.: *See*—
Dickerman, Donald H., and Coburn.
Coca-Cola Company, The, assignee: *See*—
Naiden, Anthony.
Comeau, Ernest J., Plattsburg, N. Y. Ladle. 148,911, Mar. 9.
Cookman, Helen C., assignor to M. E. Cookman, New York, N. Y. Work coat. 148,912, Mar. 9.
Cookman, Mary E., assignee: *See*—
Cookman, Helen C.
Crosby, Stephen A., Chicago, Ill., assignor to Sterling Tool Products Company. Handle for a sanding pad. 148,913, Mar. 9.
Daubenberger, Charles J., Pacific Palisades, assignor to Dauby Equipment Company, Santa Monica, Calif. Control unit. 148,914, Mar. 9.
Dauby Equipment Company, assignee: *See*—
Daubenberger, Charles J.
Decker, Otto, New York, N. Y. Revolving file. 148,915, Mar. 9.
Dickerman, Donald H., Newport Beach, Calif., and F. H. Coburn, Sea Cliff, N. Y. Table top. 148,916, Mar. 9.
Douglas, Eugene, Brooklyn, N. Y. Pen or like article. 148,917, Mar. 9.
Dreitzer, Albert J., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Ash tray or article of similar nature. 148,918, Mar. 9.
Duncan, Callie, The Dalles, Oreg. Food tongs. 148,919, Mar. 9.
Eisenberg, Henry, New York, N. Y. Scraper or similar article. 148,920, Mar. 9.
Everett, Harvey L., Mount Vernon, N. Y. Phonograph or the like. 148,921, Mar. 9.
FR Corporation, The, assignee: *See*—
Nevell, Thomas G. W., and Samet.
Fleischer, William A., Grand Island, Nebr. Machine seat. 148,922, Mar. 9.
Florian, Gordon W., assignor to Casco Products Corporation, Bridgeport, Conn. Wall clock. 148,923, Mar. 9.
Freedman, Stephen B., New York, N. Y. Embossed leather or similar article. 148,924, Mar. 9.
Ganser, Harry A., New York, N. Y. Coaster or similar article. 148,925, Mar. 9.
Goldberg, Abraham M., Denver, Colo. Scarf. 148,926, Mar. 9.
Graham, Elizabeth N., New York, N. Y. Combined sachet bag and perfume bottle container. 148,927, Mar. 9.
Gustafsson, Eric: *See*—
Baur, John W., and Gustafsson.
Hardesty, Jean A., Altadena, assignor to Signal Oil Company, Los Angeles, Calif. Automobile service station island. 148,928, Mar. 9.
Hartnett, Paul L., Leominster, Mass. Picture frame. 148,929, Mar. 9.
Hickman, Bertram M., London, England. Child's brick. 148,930, Mar. 9.
Hopkins, Horner H., assignor to Cobbs-Hopkins Company, Des Moines, Iowa. Razor and blade holder. 148,931, Mar. 9.
Kaplan, David, New York, N. Y. Candle holder. 148,932, Mar. 9.
Karleen, Edward H., Morris Township, Morris County, assignor to Karleen, Incorporated, Morris Plains, N. J. Adjustable line connector. 148,933, Mar. 9.
Karleen, Incorporated, assignee: *See*—
Karleen, Edward H.
Kosloff, Lou, Hollywood, Calif. Saddle. 148,934, Mar. 9.
Kuns, Ray F., Cincinnati, Ohio. Trailer. 148,935, Mar. 9.

Latta, Lynn H.: *See* —
Nuffer, Joseph H., and Latta.
Layton, Harry L., assignor to Samson-United Corporation, Rochester, N. Y. Electric toaster. 148,936, Mar. 9.
Lyon, George A., Allenhurst, N. J. Wheel cover or similar article. 148,937, Mar. 9.
MacLennan, John C., Toronto, Ontario, Canada. Luminous pendant. 148,938, Mar. 9.
Martin, Edward D., Milwaukee, Wis. Fork for bicycles and velocipedes. 148,939, Mar. 9.
Motter, Charles S., Chicago, Ill. Corner wall cabinet. 148,940, Mar. 9.
Muller, Carl H., St. Louis, Mo. Toy food mixer. 148,941, Mar. 9.
Naiden, Anthony, Southwick, Mass., assignor to The Coca-Cola Company, Wilmington, Del. Beverage dispenser. 148,942, Mar. 9.
Nassif, David, Woburn, Mass. Barbecue cooker. 148,943, Mar. 9.
Nevell, Thomas G., Riverside, Conn., and F. Samet, assignors to The Fit Corporation, New York, N. Y. Photographic film and print tray or similar article. 148,944, Mar. 9.
Nuffer, Joseph H., Toledo, Ohio, and L. H. Latta, Los Angeles, Calif., assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner casing. 148,945, Mar. 9.
O'Donnell, George J., Waterbury, Conn. Playing card. 148,946, Mar. 9.
Olin, Norman E., New York, N. Y. Display tray. 148,947, Mar. 9.
Ovenshire, Clyde A., Berkeley, Calif. Combination baking dish, griddle, and dutch oven. 148,948, Mar. 9.
Peets, Wilbur J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine cabinet. 148,949, Mar. 9.
Petry, John, New York, assignor to Raylite Electric Corporation, Bronx, N. Y. Illuminable bubbling device or the like. 148,950, Mar. 9.
Pfefferling, Richard, New York, assignor to R. Rosen, Long Island City, N. Y. Shoe toe-cap stretcher. 148,951, Mar. 9.
Phelps, Albert D., Jr., Babson Park, Mass. Ring toy or similar article. 148,952, Mar. 9.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 148,953, Mar. 9.
Pitman-Dreitzer & Co., Inc., assignee: *See*—
Dreitzer, Albert J.
Plastic Treasures, Inc., assignee: *See*—
Sawyer, Albert B.
Potts, Evelyn M., Grand Ledge, Mich. Baby shoe. 148,954, Mar. 9.
Raylite Electric Corporation, assignee: *See*—
Petry, John.
Reis, John P., assignor to Amity Leather Products Co., West Bend, Wis. Combined billfold and coin purse. 148,955, Mar. 9.
Rhodes, Harold B., Hollywood, Calif. Combined article support and seat. 148,956, Mar. 9.
Rice, Lee, Homeland, Fla. Combination tool. 148,957, Mar. 9.
Robinette, Harrie W., Chicago, Ill. Mail box. 148,958, Mar. 9.
Rosen, Richard, assignee: *See*—
Pfefferling, Richard.
Ryan, Matthew E., Chicago, Ill. Salad dispenser. 148,959, Mar. 9.
Samet, Frank: *See*—
Nevell, Thomas G. W., and Samet.
Samson-United Corporation, assignee: *See*—
Layton, Harry L.
Sawyer, Albert B., Brooklyn, assignor to Plastic Treasures, Inc., New York, N. Y. Child's training chair or similar article. 148,960, Mar. 9.
Schofield, Earl L., Rockford, Ill., assignor to Superior Coach Corporation, Lima, Ohio. Hier-pin. 148,961, Mar. 9.
Sherrill, Burl E., assignor to Sherrill Research Corporation, Peru, Ind. Auto compass. 148,962, Mar. 9.
Sherrill Research Corporation, assignee: *See*—
Sherrill, Burl E.
Signal Oil Company, assignee: *See*—
Hardesty, Jean A.
Singer Manufacturing Company, The, assignee: *See*—
Peets, Wilbur J.
Sterling Tool Products Company, assignee: *See*—
Crosby, Stephen A.
Stevens, Clifford B., Fox Point, assignor to Chain Belt Company, Milwaukee, Wis. Road paving machine. 148,963, Mar. 9.
Superior Coach Corporation, assignee: *See*—
Schofield, Earl L.
Tarlow, Isidor, Brockton, Mass. Shoe. 148,964, Mar. 9.
Thienhaus, Agnes E., Milwaukee, Wis. Combined candelabrum and flower vase. 148,965, Mar. 9.
Townsend Manufacturing Company, assignee: *See*—
Alessandrini, Guido.
Trifari, Krussman & Fishel, Inc., assignee: *See*—
Philippe, Alfred.
Wallace, Joseph, Cedarhurst, N. Y. Fountain pen clip. 148,966, Mar. 9.
Warrender, Ralph, Sharon, Pa. Bobsled. 148,967, Mar. 9.
Wettlaufer, Elmer G., Bloomfield Hills, Mich. Combined arm rest and door pull. 148,968, Mar. 9.
Wilson, Thomas W., Millville, N. J. Lamp. 148,969, Mar. 9.
Yutang, Lin, New York, N. Y. Font of keyboard symbols. 148,970, Mar. 9.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 9TH DAY OF MARCH, 1948

NOTE.- Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Aas, Bjarne, Fredrikstad, Norway; vested in the Attorney General of the United States. Apparatus for cutting the bevel on hull planking. 2,437,236, Mar. 9.
Aber, Joseph S., assignor of 6 per cent to W. S. Loeb, Philadelphia, Pa. Packing gasket and static seal. 2,437,586, Mar. 9.
Abrani, Oliver R., Glendale, Calif. Electric welding ground. 2,437,633, Mar. 9.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor mechanism. 2,437,341, Mar. 9.
Air-Maze Corporation, assignee: *See*—
Brown, Richard E.
Air Reduction Company, Incorporated, assignee: *See*—
Heidbrink, Jay A., and Herrick.
Vance, Robert M., and Horney.
Aksien, John, Minneapolis, Minn. Corner assembly and fastening means for knockdown counters and the like. 2,437,235, Mar. 9.
Aktiebolaget Pharmacia, assignee: *See*—
Grönwall, Anders J. T., and Ingelman.
Aktiengesellschaft der Eisen-und Stahlwerk vorm. Georg Fischer, Schaffhausen, assignee: *See*—
Von Zelewsky, Ottomar.
Albers, John R., Sioux City, Iowa, assignor to Wincharger Corporation. Balanced impeller structure for wind motors. 2,437,650, Mar. 9.
All American Aviation, Inc., assignee: *See*—
Ballard, Hyde W.
Setz, Walter H.
Allen, Arthur C., assignor to Stewart-Warner Corporation, Chicago, Ill. Absolute pressure gauge. 2,437,371, Mar. 9.
Allen, Walter H., Birmingham, England, assignor to Sandvik Steel Incorporated, New York, N. Y. Transferring heat to or from material on band conveyors. 2,437,492, Mar. 9.
Allied Chemical & Dye Corporation, assignee: *See*—
Robinson, Richard S.
Aluminum Company of America, assignee: *See*—
Speer, William F.
American Brake Shoe Company, assignee: *See*—
Staiger, Otto K.
American Catheter Corporation, assignee: *See*—
Krippendorf, Louis H.
American Chemical Paint Company, assignee: *See*—
Jones, Franklin D.
American Cyanamid Company, assignee: *See*—
Houpt, Alfred G.
Lecher, Hans Z., Parker, and Hofmann.
Long, Robert S., and Lewis.
West, Herbert J., and Enterline.
American Forging and Socket Company, assignee: *See*—
McCarthy, Charles S.
American Optical Company, assignee: *See*—
Peck, William F., Harper, and Estey.
Ames, Millard E., Jr., Philadelphia, and D. E. Sunstein, Elkins Park, assignors to Philco Corporation, Philadelphia, Pa. Reflex thermal electric meter. 2,437,449, Mar. 9.
Andersen, Carl N., Pleasantville, N. Y., assignor, by mesne assignments, to Gallowhur Chemical Corporation. Aromatic mercury alcoholates. 2,437,450, Mar. 9.
Anderson, John E., assignor to Phibrico Jointless Firebrick Company, Chicago, Ill. Seam protector for boilers. 2,437,634, Mar. 9.
Anderson, Nels B., Minneapolis, Minn. Blade honing device. 2,437,495, Mar. 9.
Anderson, Ray B., Charleston, W. Va. Separation of gaseous mixtures. 2,437,288, Mar. 9.
Anderson, Roy H., Fort Dodge, Iowa. Knockdown article and joint therefor. 2,437,494, Mar. 9.
Anderson, Theodore G., Kennett Square, Pa., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Diode detector circuit. 2,437,493, Mar. 9.
Aram, Nathan W., assignor to Zenith Radio Corporation, Chicago, Ill. Phasing network. 2,437,496, Mar. 9.
Archbald, Joseph A., Jr., Buffalo, N. Y. Method and apparatus for quick-freezing foods. 2,437,414, Mar. 9.
Arenta, Johan R. S., Chicago, Ill. Attachment plug and fuse. 2,437,635, Mar. 9.
Associated Chemical Company of Canada Limited, assignee: *See*—
Rogers, Linnaeus J.
Atomic Energy Commission, United States of America, as represented by the, assignee: *See*—
Crampton, George S.
Parker, Herbert M.
Attorney General of the United States, The: *See*—
Aas, Bjarne.
Dallenbach, Walter.
Automatic Voting Machine Corporation, assignee: *See*—
Gustavson, Alvin N.
Avco Manufacturing Corporation, assignee: *See*—
Davis, Dwilliard J.
Bach, Henry M., Lawrence, assignor to Premier Crystal Laboratories, Inc., New York, N. Y. End-loaded piezoelectric unit. 2,437,660, Mar. 9.
Bacon, Henry M., Dayton, Ohio, assignor to The Dayton Rubber Company. Drop box picker. 2,437,342, Mar. 9.
Bailey Meter Company, assignee: *See*—
Hornfeck, Anthony J.
Bailey, Theodore, Habana, Cuba. Caster for furniture. 2,437,312, Mar. 9.
Baird, William M., Chicago, Ill. Locker refrigerating system. 2,437,451, Mar. 9.
Baird, William M., Chicago, Ill. Forced air circuit refrigerating apparatus. 2,437,452, Mar. 9.
Bakelite Corporation, assignee: *See*—
Butler, William H.
Ballard, Hyde W., Merion, Pa., assignor to All American Aviation, Inc., Wilmington, Del. Pickup and delivery container. 2,437,372, Mar. 9.
Barnitz, Edward S., assignor to Distillation Products, Inc., Rochester, N. Y. Preparation of improved drying oils. 2,437,343, Mar. 9.
Barrick, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cyanocyclobutane derivatives. 2,437,280, Mar. 9.
Bartlett, Forrest A., Gardena, Calif. Automatic telegraph key. 2,437,497, Mar. 9.
Barton, George, Racine, Wis., assignor to Buxton, Incorporated, Springfield, Mass. Flexible pocket receptacle. 2,437,587, Mar. 9.
Bastian-Blessing Company, The, assignee: *See*—
Johnson, Herman K.
Baum, Charles A., Hamilton, Ohio. Caster. 2,437,588, Mar. 9.
Baxter, Roberta J., assignee, et al.: *See*—
Smith, George B.
Becker, John G., Los Angeles, Calif. Clothes-washing machine. 2,437,636, Mar. 9.
Bedford, Alda V., Princeton, N. J., assignor to Radio Corporation of America. Electrical servo system. 2,437,313, Mar. 9.
Behlmann, Herman M., Pewaukee, Wis. Insulator and support for electrically charged fence wires. 2,437,344, Mar. 9.
Beitch, Sol J., and S. Fine, Brooklyn, N. Y. Combination illuminated telephone stand and memo pad and pencil. 2,437,237, Mar. 9.
Belgau, Robert C., Detroit, Mich. Electrical heating apparatus for liquids. 2,437,453, Mar. 9.
Bell, John F., assignor to Zenith Radio Corporation, Chicago, Ill. Temperature compensated variable inductance. 2,437,345, Mar. 9.
Bell, Katherine V., Jersey City, N. J. Clothespin dispenser. 2,437,498, Mar. 9.
Bell Telephone Laboratories, Incorporated, assignee: *See*—
Marrison, Warren A.
Miller, Stewart E.
Ohl, Russell S.
Peek, Robert L., Jr.
Skellett, Albert M.
Bendix Aviation Corporation, assignee: *See*—
Nardone, Romeo M.
Ogden, William L. W., and Ryan.
Benjamin, George W., Birmingham, Ala., assignor to Continental Gin Company. Belt conveyor frame construction. 2,437,499, Mar. 9.
Bergerioux, René, Saint-Cloud, France. Tethered ball game apparatus. 2,437,454, Mar. 9.
Berman, Samuel, Richmond Hill, assignor to Waugh Equipment Company, New York, N. Y. Locator. 2,437,455, Mar. 9.
Berndtson, John O., Short Beach, assignor to The Snow-Nabstedt Gear Corporation, New Haven, Conn. Transmission mechanism. 2,437,314, Mar. 9.
Bernstein, Edward A., Cedarhurst, N. Y. Flashlight holder. 2,437,373, Mar. 9.
Berry, Clifton V., New York, N. Y. Cooperative social and business card display. 2,437,415, Mar. 9.
Bick Corporation, assignee: *See*—
Wright, Roland T.
Bink, Arthur R., Westfield, N. J. Telescoping dispensing nozzle with fluid pressure-operated safety valve. 2,437,589, Mar. 9.

Bludworth, Timothy F., Summit, N. J., assignor to National-Simplex-Bludworth, Inc. Deep and aboal alarm. 2,437,416, Mar. 9.

Boardman, Harry C., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Lifter roof. 2,437,238, Mar. 9.

Bodine, Albert G., Jr., Burbank, assignor to The Calpat Corporation, Los Angeles, Calif. Method of and apparatus for treating wells. 2,437,456, Mar. 9.

Boecking, Ewald, Great Kills, assignor to Manufacturers Machine & Tool Co., Inc., Mount Vernon, N. Y. Film registry means for motion-picture projectors. 2,437,239, Mar. 9.

Bookman, Esther D., New York, N. Y. Refrigerating and air conditioning apparatus. 2,437,417, Mar. 9.

Booth, Douglas G.: *See*—
Pugh, Cyril A., Rough, and Booth.

Bossart, Paul N., Cheswick, assignor to The Union Switch & Signal Company, Swissvale, Pa. Supplying pulses of modulated current. 2,437,315, Mar. 9.

Bottenberg, Kenneth C., and J. A. Richardson, Bartlesville, Okla., assignors to Phillips Petroleum Company. Manufacturing anhydrous HCl. 2,437,290, Mar. 9.

Bourne, Raymond D., Middletown, Ohio. Windmill. 2,437,346, Mar. 9.

Bourne, Roland B., West Hartford, assignor to The Maxim Silencer Company, Hartford, Conn. Snowplow. 2,437,291, Mar. 9.

Bowe, Thomas A., Hilbert, Wis. Steering gear for wheeled vehicles. 2,437,590, Mar. 9.

Brandt, Philipp: *See*—
Ratti, Roger, and Brandt.

Brennan, Joseph B., assignee: *See*—
Moynihan, John J.

Bridge, Edward W., Philadelphia, Pa. Slicing, cutting, and core-removing machine. 2,437,637, Mar. 9.

Briggs, Carl R., Mantua, assignor of one-half to J. Cunningham, Akron, Ohio. Boiler construction. 2,437,347, Mar. 9.

Briggs & Stratton Corporation, assignee: *See*—
Jacobi, Edward N.

Briskin, Jack: *See*—
Briskin, Theodore S. and J., and Golick.

Briskin, Theodore S. and J., and J. Golick, assignors to Revere Camera Company, Chicago, Ill. Electric control device. 2,437,591, Mar. 9.

Brockman, Morton S., Cleveland, Ohio. Lamp shade. 2,437,292, Mar. 9.

Brooks, Richard E.: *See*—
Gresham, William F., Brooks, and Bruner.

Brown, Kenneth H., Hinsdale, and C. G. Gerhold, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Refining of hydrocarbon oil containing mercaptans. 2,437,348, Mar. 9.

Brown, Richard E., South Euclid, assignor to Air-Maze Corporation, Cleveland, Ohio. Dust separator and filter. 2,437,592, Mar. 9.

Brown, William C., Watertown, assignor to Raytheon Manufacturing Company, Newton, Mass. Space discharge device. 2,437,240, Mar. 9.

Bruce, Ernest G.: *See*—
Watter, Michael, and Bruce.

Bruegger, Ernest, Massillon, Ohio, assignor to The Griscom-Russell Company, New York, N. Y. Apparatus for bending metal strips edgewise in making helical fins. 2,437,500, Mar. 9.

Bruner, Walter M.: *See*—
Gresham, William F., Brooks, and Bruner.

Bryant Electric Company, The, assignee: *See*—
Webster, Benjamin C.

Budd Company, The, assignee: *See*—
Eksergian, Carolus L.
Watter, Michael, and Bruce.

Buffalo-Springfield Roller Co., The, assignee: *See*—
Harrison, John F., and Greiner.

Burkhard, Charles A., Alpiaus, and W. I. Patnode, Schenectady, N. J., assignors to General Electric Company. Stabilizing methyl-substituted polysiloxanes. 2,437,501. Mar. 9.

Burlin, Leslie H., Valparaiso, Ind., assignor to M. L. Sturm, Evanston, doing business as Milton Sturm & Company, Chicago, Ill. Toy gymnasium for baby cribs. 2,437,241, Mar. 9.

Burroughs, Robert E., Washington, D. C., assignor to Eastman Kodak Company, Rochester, N. Y. Magnetic field measuring device. 2,437,374, Mar. 9.

Butler, Ernest H., Arlington, Va. Hairpin. 2,437,502, Mar. 9.

Butler, William H., Bloomfield, N. J., assignor to Bakelite Corporation. Emulsions containing a drying oil-ester resin copolymer. 2,437,293, Mar. 9.

Buxton, Frank E., Wellesley, Mass. Crossarm for transmission wires. 2,437,375, Mar. 9.

Buxton, Incorporated, assignee: *See*—
Barton, George.

Calpat Corporation, The, assignee: *See*—
Boding, Albert G., Jr.

Carboloy Company, Inc., assignee: *See*—
Taylor, George F.

Carter, William J., Seattle, Wash. Electric range. 2,437,376, Mar. 9.

Case, Rogers, Orange, N. J. Reinforced wire-contacting insulator assembly. 2,437,593, Mar. 9.

Cawein, Madison, Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Television image tube. 2,437,418, Mar. 9.

Celanese Corporation of America, assignee: *See*—
Eastwood, Donald R.

Chain Belt Company, assignee: *See*—
Klaucke, Hermann.

Chandler, Milton E., New Britain, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Control apparatus for internal-combustion engines. 2,437,377, Mar. 9.

Chase, Herbert S., Worcester, Mass. Knitting box. 2,437,503, Mar. 9.

Chassaing, Pierre: *See*—
Guinot, Henri M., and Melle.

Chicago Bridge & Iron Company, assignee: *See*—
Boardman, Harry C.

Chicago Telephone Supply Company, assignee: *See*—
Veatch, Joseph G.

Chrysler Corporation, assignee: *See*—
Hicks, Harold A.
Matulaitis, Victor E., and Iavelli.

Ciba Pharmaceutical Products Inc., assignee: *See*—
Schaaf, Fritz.

Cities Service Oil Company, assignee: *See*—
Levitt, Percy B., and Morgan.

Clark, Eugene F., Damariscotta, Maine, assignor to Marshall Field and Company, Chicago, Ill. Method of and apparatus for weaving. 2,437,378, Mar. 9.

Clark, Eugene F., Damariscotta, Maine, assignor to Marshall Field and Company, Chicago, Ill. Loom for weaving pile fabric. 2,437,379, Mar. 9.

Clark, Robert H., assignee: *See*—
Smith, Lawson A.

Clements, Louis F., Los Angeles, Calif. Trouser-creasing apparatus. 2,437,457, Mar. 9.

Coake, Charles F., Indianapolis, assignor to Senn Corporation, New Augusta, Ind. Oscillator controlled follow-up system. 2,437,661, Mar. 9.

Cobb, Leland D., Forestville, Conn., assignor to Draper Corporation, Hopedale, Mass. Harness motions. 2,437,349, Mar. 9.

Cole, Robert A., Moline, Ill., and D. I. Smith, Vincent, Ohio. Telemetering transmitter. 2,437,242, Mar. 9.

Conn, John B., Scotch Plains, assignor to Merck & Co., Inc., Rahway, N. J. Thiamin dioctyl sulfo succinate. 2,437,504. Mar. 9.

Consolidated Royal Chemical Corporation, assignee: *See*—
Lerner, Louis L.

Continental Coffee Company, assignee: *See*—
Hamlet, Darrel P.

Continental Gin Company, assignee: *See*—
Benjamin, George W.

Cooklin, Leonard, and T. R. Hollis, assignors to Charles Twigg & Company Limited, Birmingham, England. Collapsible carriage. 2,437,380, Mar. 9.

Corcoran, James P., West Los Angeles, assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Stroboscopic light valve checking machine. 2,437,419, Mar. 9.

Cox, Arthur, assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical objective. 2,437,505, Mar. 9.

Craig, W. E.: *See*—
Hester, William F., and Craig.

Crampton, George S., Philadelphia, Pa., assignor, by mesne assignments, to the United States of America, as represented by the Atomic Energy Commission. Inspection periscope. 2,437,458, Mar. 9.

Crompton & Knowles Loom Works, assignee: *See*—
Turner, Richard G.

Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Repeater compass. 2,437,506, Mar. 9.

Crucible Steel Company of America, assignee: *See*—
Williams, Morris F., and Gallt.

Crumrine, Chester W., Irondquoit Township, Monroe County, assignor, by mesne assignments, to LFC Corporation, Rochester, N. Y. Animal trap. 2,437,507, Mar. 9.

Cullen, Arthur V., Jamaica Plain, Mass. Embalming appliance. 2,437,381, Mar. 9.

Cunningham, George J., Babylon, N. Y. Clock. 2,437,459, Mar. 9.

Cunningham, John, assignee: *See*—
Briggs, Carl R.

Curtis, Richard P., Marblehead, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Plotting and computing device. 2,437,243, Mar. 9.

Czap, Eva A., Philadelphia, Pa. Handbag provided with removable, washable cover. 2,437,382, Mar. 9.

D'Alelio, Gaetano F., assignor to Pro-phy-lac-tic Brush Company, Northampton, Mass. Vulcanizable copolymers of a vinyl aryl compound, butadiene, and vinyl ethers. 2,437,420, Mar. 9.

D'Alelio, Gaetano F., assignor to Pro-phy-lac-tic Brush Company, Northampton, Mass. Vulcanizable copolymers of acrylonitrile, butadiene, and vinyl ethers. 2,437,421, Mar. 9.

D'Alelio, Gaetano F., Northampton, Mass., assignor to General Electric Company. Copolymers of mixtures comprising allyl and methallyl ether esters. 2,437,508. Mar. 9.

Dalin, David, Sodertalje, Sweden. Dust separator. 2,437,294, Mar. 9.

Dallenbach, Walter, Berlin W. 35, Germany; vested in the Attorney General of the United States. Junction between concentric and parallel conductor systems. 2,437,244, Mar. 9.

Dalton, Swanton D., Summit, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Cracking process. 2,437,383, Mar. 9.

Dardelet Threadlock Corporation, assignee: *See*—
Evans, Edwin R.

Davis, Dwillard J., Detroit, Mich., assignor to Avco Manufacturing Corporation. Spot milling tubular blank for propeller blades. 2,437,317, Mar. 9.

Dawson, Albert J., Sewickley, assignor to Dravo Corporation, Pittsburgh, Pa. Insulated wall construction for hulls, deck houses, and the like. 2,437,509, Mar. 9.

Dayton Rubber Company, The, assignee: *See*—
Bacon, Henry M.
Rockoff, Joseph.

De Francisci, Joseph, Brooklyn, N. Y. Alimentary paste extrusion apparatus. 2,437,460, Mar. 9.

De Havilland Aircraft Company Limited, The, assignee: *See*—
Halford, Frank B.

Delinted Seed Company, assignee: *See*—
McLemore, Price C.

Denys, Orban, Brooklyn, assignor to Distillation Products, Inc., Rochester, N. Y. Distillation from a film by diffusion into a gas stream. 2,437,594, Mar. 9.

De Young, William, Hawthorne, and E. C. Weathered, Jersey City, N. J. Abrading machine. 2,437,245, Mar. 9.

Distillation Products, Inc., assignee: *See*—
Barnitz, Edward S.
Denys, Orban.

Distillers Company, Limited, The, assignee: *See*—
Tuerck, Karl H. W., and Lichtenstein.

Ditty, Allan V., Detroit, Mich. Telescoping joint. 2,437,510, Mar. 9.

Donaldson, Eleanor, and J. Gibney; said Gibney assignor to Munsingwear, Inc., Minneapolis, Minn. Undergarment for ladies or children. 2,437,511, Mar. 9.

Douglass, Roy D., Minneapolis, Minn. Case for drills. 2,437,595, Mar. 9.

Dow Chemical Company, The, assignee: *See*—
Haynes, James D.

Draper Corporation, assignee: *See*—
Cobb, Leland D.
Rogers, Leonard M.
Tuten, James M.

Dravo Corporation, assignee: *See*—
Dawson, Albert J.

Drinkwater Inc., assignee: *See*—
Drinkwater, William S.

Drinkwater, William S., Chicago, assignor, by mesne assignments, to Drinkwater Inc., Waukegan, Ill. Flexible pipe coupling. 2,437,246, Mar. 9.

Dryden Rubber Company, assignee: *See*—
Kelly, John H., Jr.

Dunham, James V.: *See*—
Smith, Herschel, Dunham, and Turnbull.

Dunham, Le Roy S., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Protective gas-permeable container for air-depolarized cells. 2,437,422, Mar. 9.

Du Pont, E. I., de Nemours & Company, assignee: *See*—
Barrick, Paul L.
Gresham, William F., Brooks, and Bruner.
Salisbury, Leroy F.
Wilson, Cyril D.

Durand & Huguenin S. A., assignee: *See*—
Ratti, Roger, and Brandt.

Dworkin, Nathan, assignee: *See*—
Handler, Harry.

Eastman Kodak Company, assignee: *See*—
Burroughs, Robert E.
Tucker, William M.
Tuttle, Clifton M.
Weyerts, Walter J., and Wiederhold.

Eastwood, Donald R., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Cutting device. 2,437,295, Mar. 9.

Edison, Thomas A., Incorporated, assignee: *See*—
Dunham, Le Roy S.
Hornbostel, John.

Ekse, Ingvald J., Minneapolis, Minn. Circumferentially travelling roller type, support mounted, tire mounting apparatus. 2,437,512, Mar. 9.

Eksergian, Carolus L., Detroit, Mich., assignor to The Budd Company, Philadelphia, Pa. Brake control device. 2,437,423, Mar. 9.

Electric Wheel Company, assignee: *See*—
Richey, Clarence B.

Elliot Equipment Limited, assignee: *See*—
Hann, Kenneth G.

Enterline, Henry M.: *See*—
West, Herbert J., and Enterline.

Estey, Roger S.: *See*—
Peck, William F., Harper, and Estey.

Eureka Williams Corporation, assignee: *See*—
Williams, Walter W.

Evans, Edwin R., Orchard Lake Village, Mich., assignor to Dardelet Threadlock Corporation. Stud and installation thereof. 2,437,638, Mar. 9.

Even-Pul Foundations, Inc., assignee: *See*—
Rosner, Irving.

Farnsworth Research Corporation, assignee: *See*—
Cawein, Madison.
Mayle, Louis F.

Faulkner, Russell E., Chicago, Ill. Device for conveying picked fruit from the hand to a remote receptacle. 2,437,461, Mar. 9.

Faximile, Inc., assignee: *See*—
Hogan, John V. L., and Ressler.

Federal Telephone and Radio Corporation, assignee: *See*—
Labin, Emile.

Ferlin, Paul E., New York, and E. Rambusch, Harrison, assignors to Rambusch Decorating Company, New York, N. Y. Lighting system and lantern for use therein. 2,437,350, Mar. 9.

Ferrill, Thomas M.: *See*—
Frische, Carl A., Ferrill, and Slater.

Field, William J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Aircraft heating control system. 2,437,318, Mar. 9.

Fine, Samuel: *See*—
Beitch, Sol J., and Fine.

Fischer, Kermit, Bridge Valley, Pa. Specific gravity indicator. 2,437,247, Mar. 9.

Flannery Bolt Company, assignee: *See*—
Greenslade, Grover R.

Fleig, Arthur C., Orange, Tex. Rattrap. 2,437,248, Mar. 9.

Floe, Carl F., Belmont, Mass., assignor to The Nitralloy Corporation. Nitriding. 2,437,249, Mar. 9.

Floyd, Frederick K., assignor to Metron Instrument Company, Denver, Colo. Electrical measuring apparatus. 2,437,639, Mar. 9.

Fluor Corporation, Ltd., The, assignee: *See*—
Stephens, Foster M.

Flynn, Robert A., United States Navy. Selective disconnection of aileron controls. 2,437,250, Mar. 9.

Follmer, Joseph: *See*—
Follmer, Joseph A. and J.

Follmer, Joseph A. and J., Denver, Colo. Quick adjustable bench vise. 2,437,351, Mar. 9.

Ford, Hannibal C., Jamaica, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Fire-control instrument. 2,437,463, Mar. 9.

Ford Instrument Company, Inc., assignee: *See*—
Ford, Hannibal C.

Forsberg, Harold S., Shelton, Conn. Tool. 2,437,296, Mar. 9.

Fox, Irving: *See*—
Raskin, Archie, Fox, and Puls.

Fragen, Nathan, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Recovery of catalysts. 2,437,352, Mar. 9.

Frische, Carl A., Great Neck, T. M. Ferrill, Jr., Hempstead, and J. M. Slater, Garden City, N. Y., assignors to The Sperry Corporation. Stabilized radio direction finder and homing device. 2,437,251, Mar. 9.

Frye, Frederick E. J., Weston, Ontario, and E. A. Pollard, Ville St. Laurent, Quebec, assignors to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Demand valve. 2,437,462, Mar. 9.

Gable, Paul T., Harrisburg, and W. C. Weiss, Penbrook, Pa. Air tight mail slot. 2,437,319, Mar. 9.

Gales, Robert S.: *See*—
Watson, Norman A., Veneklasen, Leonard, and Gales.

Gallowhur Chemical Corporation, assignee: *See*—
Andersen, Carl N.

Gallt, Seymour B.: *See*—
Williams, Morris F., and Gallt.

Galvin, George B., Springfield, Ohio. Steel wool machine. 2,437,424, Mar. 9.

Gambino, Nate, and N. La Rosa, Modesto, Calif. Meat scraper. 2,437,316, Mar. 9.

Garnett, Edward O., Colbyn, Pretoria, Transvaal, Union of South Africa. Machine for forming curved surfaces. 2,437,596, Mar. 9.

Garrison, Allen D., Houston, Tex., assignor to Texaco Development Corporation, New York, N. Y. Treatment of drilling fluids. 2,437,297, Mar. 9.

Gee, Norman E., Narberth, Pa. Sanding device for railway rolling stock. 2,437,384, Mar. 9.

Geigy, J. R., A.-G., assignee: *See*—
Martin, Henry, and Häfliger.

General Electric Company, assignee: *See*—
D'Alelio, Gaetano F.
Burkhard, Charles A., and Patnode.
Gethman, Richard B.
Seaver, John D.
Van Amburg, Otto H., and Pistey.

General Sales Company of Cadillac, assignee: *See*—
Greeley, Leo O.

General Spring Corporation, assignee: *See*—
Wood, Joseph K.

Gerhold, Clarence G.: *See*—
Brown, Kenneth M., and Gerhold.

Gerondale, John J., assignor of one-half to V. K. Stanley, Detroit, Mich. Cigaret dispenser. 2,437,464, Mar. 9.

Gethmann, Richard B., Bridgeport, Conn., assignor to General Electric Company. Deflection coil and yoke for cathode ray tubes. 2,437,513, Mar. 9.

Gibney, Jane: *See*—
Donaldson, Eleanor, and Gibney.

Gil, Irving: *See*—
Rockola, David C., and Gil.

Gilron Products Company, assignee: *See*—
Orozco, Gilbert H.

Giordano, Salvatore, Maspeth, Long Island, N. Y. Handbag frame assembly. 2,437,597, Mar. 9.

Givens, Glenn G., Newport News, Va. Tool for cutting insulation on electric conductors. 2,437,514, Mar. 9.

Gliwa, Michael, Chicago, Ill. Auxiliary propeller for airships and housing therefor. 2,437,353, Mar. 9.

Glocker, Eugenie, administratrix: *See*—
Glocker, Gustave.

Glocker, Gustave, deceased; E. Glocker, administratrix, assignor to Super-Seal Container Corporation, Washington, D. C. Container closure. 2,437,515, Mar. 9.

Goldberg, Harry H., Denver, Colo. Joint for metal window frames. 2,437,598, Mar. 9.

Golick, Joseph: *See*—
Briskin, Theodore S. and J., and Golick.

Goodhue, William V., Ipswich, and J. P. Norton, Beverly, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Ammunition container. 2,437,425, Mar. 9.

Goodings, Eric P., and M. A. T. Rogers, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of new coloring matters. 2,437,465, Mar. 9.

Goodman, Samuel R., Jr., Temple, Tex. Pedal attachment. 2,437,320, Mar. 9.

Gostkowski, Bedri H., assignor to Universal Lighters Selling Company Ltd., Geneva, Switzerland. Pocket lighter. 2,437,354, Mar. 9.

Gould, George K., Brooklyn, N. Y. Movie projcetor control device. 2,437,252, Mar. 9.

Greeley, Leo O., assignor to General Sales Company of Cadillac, Cadillac, Mich. Grinding wheel dresser. 2,437,599, Mar. 9.

Greenlee, Harry R., Indianapolis, assignor to The Studebaker Corporation, South Bend, Ind. Transmission. 2,437,517, Mar. 9.

Greenslade, Grover R., Scott Township, Allegheny County, assignor to Flannery Bolt Company, Bridgeville, Pa. Indicating dial for resistance apparatus. 2,437,355, Mar. 9.

Greiner, Carl F.: *See*—
Harrison, John F., and Greiner.

Greppin, Ernest H., assignor to Wilmot Castle Company, Rochester, N. Y. Dental operating lamp construction. 2,437,516, Mar. 9.

Gresham, William F., R. E. Brooks, and W. M. Bruner, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of aldehydes. 2,437,600. Mar. 9.

Grinnell Corporation, assignee: *See*—
Welshman, James R.

Griscom-Russell Company, The, assignee: *See*—
Bruegger, Ernest.

Grönwall, Anders J. T., and B. G.-A. Ingelman, Uppsala, assignors to Aktiebolaget Pharmacia, Stockholm, Sweden. Manufacture of infusion and injection fluids. 2,437,518, Mar. 9.

Gulles, Charles H.: *See*—
Skene, Matthew, and Gulles.

Guinot, Henri M., Versailles, and P. Chassaing, Melle, assignors to Les Usines De Melle (Societe Anonyme) Saint-Leger-les-Melle, France. Manufacture of anhydrous aliphatic acids from aqueous solutions thereof. 2,437,519, Mar. 9.

Gunning, Maximilliaan F., Petersfield, England. Hydraulic plant. 2,437,520, Mar. 9.

Gustavson, Alvin N., assignor to Automatic Voting Machine Corporation, Jamestown, N. Y. Voting machine. 2,437,521, Mar. 9.

Guthrie, Marion R., assignee: *See*—
Smith, Leicester I.

Hadley, Wilfred N., assignor to Parks and Woolson Machine Company, Springfield, Vt. Slitting and punching attachment for piece-end sewing machines. 2,437,662, Mar. 9.

Häfliger, Franz: *See*—
Martin, Henry, and Häfliger.

Hahn, Clarence L., Baltimore, Md. Artificial bait. 2,437,523, Mar. 9.

Hall, Emerson, Lafayette, Calif. Hydraulic hoisting mechanism. 2,437,466, Mar. 9.

Halford, Frank B., assignor to The De Havilland Aircraft Company Limited, Edgware, England. Jet propulsion plant. 2,437,385, Mar. 9.

Hamlet, Darrel P., assignor to Continental Coffee Company, Chicago, Ill. Fluid mixing device. 2,437,601, Mar. 9.

Handler, Harry, assignor of one-half to N. Dworkin, Brooklyn, N. Y. Spotlight. 2,437,522, Mar. 9.

Hann, Kenneth G., Brean, Wales, assignor of one-half to Elliott Equipment Limited, Cardiff, England. Inflatable article. 2,437,602, Mar. 9.

Harper, Kennard W.: *See*—
Peck, William F., Harper, and Estey.

Harrison, John F., and C. F. Greiner, assignors to The Buffalo-Springfield Roller Co., Springfield, Ohio. Self-propelled tamping roller. 2,437,524, Mar. 9.

Harvel, Velma C., Fort Worth, Tex. Crocheted hat and producing the same. 2,437,525, Mar. 9.

Hawkins, Fred R., Waterford, Calif. Automatic coupling, decoupling, and adjusting hitch. 2,437,321, Mar. 9.

Haynes, James D., Kilgore, Tex., assignor to The Dow Chemical Company, Midland, Mich. Device for depositing material in well holes. 2,437,663, Mar. 9.

Hazeltine Research, Inc., assignee: *See*—
Anderson, Theodore G.

Hedding, Linnie K., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical rectifier. 2,437,322, Mar. 9.

Hedrick, Charles E., Sr., Alexandria, Va. Strip of severable reinforcing tabs for loose-leaf sheets. 2,437,640, Mar. 9.

Heldbrink, Jay A., Minneapolis, and C. G. Herrick, Hopkins, Minn., assignors to Air Reduction Company, Incorporated, New York, N. Y. Humidifying oxygen. 2,437,526, Mar. 9.

Helgi, John J., Cranford, and J. A. Wilson, Linden, N. J., assignors to Standard Oil Development Company. Apparatus for instantaneously indicating on an oscilloscope screen the absorption spectrum of a substance. 2,437,323, Mar. 9.

Hein, Robert O., Lincolnwood, Ill. Honing and filing device. 2,437,641, Mar. 9.

Henderson, Lloyd F., and B. L. Maxwell, Reading, Mass., assignors to Lever Brothers Company. Detergent composition. 2,437,253, Mar. 9.

Henroteau, Francois C. P., Liege, Belgium. Spectacles. 2,437,642, Mar. 9.

Hercules Powder Company, assignee: *See*—
Rummelsburg, Alfred L.

Hermann, Clare E.: *See*—
Murray, Earl F., and Hermann.

Herrick, Clinton G.: *See*—
Heldbrink, Jay A., and Herrick.

Herring, Earl R., and C. P. Sander, Glendale, Calif., assignors to Kinner Motors, Inc. Variable-speed drive for propellers. 2,437,467, Mar. 9.

Hess, George R., Washington, D. C. Tool handle fastening. 2,437,426, Mar. 9.

Hester, William F., Drexel Hill, and W. E. Craig, assignors to Röhm & Haas Company, Philadelphia, Pa. Insecticidal compositions comprising a phenyl ester of caprylphenoxyacetic acid. 2,437,427, Mar. 9.

Hester, William F., Drexel Hill, and W. E. Craig, assignors to Röhm & Haas Company, Philadelphia, Pa. Insecticidal compositions from halocaprylphenoxyacetic acid. 2,437,527, Mar. 9.

Heyman, Fannie R., New York, N. Y. Comb accessory. 2,437,298, Mar. 9.

Hicks, Harold A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle windshield construction. 2,437,664, Mar. 9.

Hill, John S., assignor to Masonite Corporation, Laurel, Miss. Drum drier for sheet material. 2,437,254, Mar. 9.

Hill, Philip, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Catalytic alkylation of aromatic hydrocarbons by long chain olefins. 2,437,356, Mar. 9.

Hochron, Milton, New York, N. Y. Collapsible cart. 2,437,386, Mar. 9.

Hodgson, Ronald M., London, England. Hardening of soil and the like. 2,437,387, Mar. 9.

Hodil, Ralph W., near Toledo, assignor to Surface Combustion Corporation, Toledo, Ohio. High temperature cleaning of steel strip including removing ferrous chloride therefrom. 2,437,528, Mar. 9.

Hofmann, Corris M.: *See*—
Lecher, Hans Z., Parker, and Hofmann.

Hogan, John V. L., Forest Hills, and H. C. Ressler, Bayside, assignors to Faximile, Inc., New York, N. Y. Graphic privacy system. 2,437,255, Mar. 9.

Hollis, Thomas R.: *See*—
Cooklin, Leonard, and Hollis.

Holloway, John H., assignor to Northwest Engineering Company, Green Bay, Wis. Fuel injector. 2,437,529, Mar. 9.

Holt, Pliny G., U. S. Navy. Auxiliary control mechanism for automatic pilot. 2,437,256, Mar. 9.

Homeyer, August H., Webster Groves, assignor to Mallinckrodt Chemical Works, St. Louis, Mo. 2-oxazolidone compounds and preparing the same. 2,437,388, Mar. 9.

Homeyer, August H., Webster Groves, assignor to Mallinckrodt Chemical Works, St. Louis, Mo. Oxazolidones and making the same. 2,437,389, Mar. 9.

Homeyer, August H., Webster Groves, assignor to Mallinckrodt Chemical Works, St. Louis, Mo. 2-oxazolidone compounds and preparing the same. 2,437,390, Mar. 9.

Honorary Advisory Council for Scientific and Industrial Research, The, assignee: *See*—
Frye, Frederick E. J., and Pollard.

Hoopes, Penrose R., Philadelphia, Pa., assignor to Super Speed Press Corporation, Bridgeton, N. J. Effecting reciprocatory motion. 2,437,530, Mar. 9.

Hornbostel, John, Glen Ridge, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electric motor system and controlling the same. 2,437,428, Mar. 9.

Horney, Amos G.: *See*—
Vance, Robert M., and Horney.

Hornfeck, Anthony J., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Machine tool control. 2,437,603, Mar. 9.

Hossfeld, Albert, deceased, Winona, Minn.; The Merchants National Bank of Winona, administrator. Buffer spring device for drilling machines. 2,437,429, Mar. 9.

Hotpoint Inc., assignee: *See*—
Rees, Gregory L.

Houpt, Alfred G., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Separation of neutral fat from tall oil. 2,437,643, Mar. 9.

Huffman, Hal C., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Catalytic treatment of hydrocarbons. 2,437,531, Mar. 9.

Huffman, Hal C., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Catalytic reforming of hydrocarbons. 2,437,532, Mar. 9.

Huffman, Hal C., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Catalysts. 2,437,533, Mar. 9.

Hufford, Lewis C., Manhattan Beach, Calif. Decoy. 2,437,604, Mar. 9.

Hunter, Rutherford H., Wooster, Ohio. Temperature control system. 2,437,468, Mar. 9.

Iavelli, Teno: *See*—
Matulaitis, Victor E., and Iavelli.

Imperial Chemical Industries Limited, assignee: *See*—
Goodings, Eric P., and Rogers.

Ingelman, Björn G.-A.: *See*—
Grönwall, Anders J. T., and Ingelman.

Jackler, Morris, Brooklyn, N. Y. Pocketbook having all exposed surfaces finished. 2,437,534, Mar. 9.

Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock device. 2,437,299, Mar. 9.

Jefferson, Glen V.: *See*—
McWhirter, William C., and Jefferson.

Jenkins, Alexander: *See*—
Thompson, Leslie E., and Jenkins.

Jenkins, Herbert E., Indianapolis, Ind. Bedspring support. 2,437,535, Mar. 9.

Jensen, Lawrence R.: *See*—
Moyer, Stanley H., and Jensen.

Johnson, Clarence L., Encino, and R. R. Richolt, Tujunga, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Booster type servomotor system. 2,437,536, Mar. 9.

Johnson, Herman K., Grand Haven, Mich., assignor to The Bastian-Blessing Company, Chicago, Ill. Refrigerator and maintaining the compartments thereof at different temperatures. 2,437,257, Mar. 9.

Jones, Franklin D., Llanerch, assignor to American Chemical Paint Company, Ambler, Pa. Isoprene esters. 2,437,258, Mar. 9.

Jones & Laughlin Steel Corporation, assignee: *See*—
Kaufman, George A.

Karge, Maxwell R., Brockport, N. Y. Coolant supplying mechanism for machine tools. 2,437,605, Mar. 9.

Kaufman, George A., Aliquippa, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Method and apparatus for oiling sheet metal. 2,437,606, Mar. 9.

Kautz, Frederick, Philadelphia, Pa. Forming plates for runways in spiral chutes and the like. 2,437,259, Mar. 9.

Kelleher, Daniel, Berea, assignor to I. Saks, Cleveland, Ohio. Clutch plate. 2,437,537, Mar. 9.

Kelly, John H., Jr., Oak Park, assignor to Dryden Rubber Company, Chicago, Ill. Rubber compositions containing octadecane nitrile. 2,437,538, Mar. 9.

Kieley & Mueller, Inc., assignee: *See*—
Quiroz, Francisco A.

King, John P., Pawtucket, R. I., assignor to Smith-King Company. Yarn guide for braider carriers. 2,437,539, Mar. 9.

Kinner Motors, Inc., assignee: *See*—
Herring, Earl R., and Sander.

Kirchoff, Elden L., Hawthorne, Calif. Helicopter steering surface control. 2,437,324, Mar. 9.

Klaucke, Hermann, Worcester, Mass., assignor to Chain Belt Company, Milwaukee, Wis. Variable speed transmission. 2,437,540, Mar. 9.

Klein, Victor G., and R. F. Schneller, assignors to Lincoln Engineering Company, St. Louis, Mo. Quick-acting valve mechanism for actuating the distributing valve of an expansible chamber motor. 2,437,391, Mar. 9.

Kobernick, Sergius T., Upper Darby, Pa. Automobile control mechanism. 2,437,260, Mar. 9.

Koci, Ludvik J., assignor to Sunbeam Corporation, Chicago, Ill. Synchronous driving apparatus. 2,437,392, Mar. 9.

Koeppel, Vernon E., Cato, Wis. Traction lug for automotive vehicles. 2,437,325. Mar. 9.

Koret, Stephaine D., San Francisco, Calif. Halter (for women). 2,437,541, Mar. 9.

Kramer, Lester F., Enumclaw, Wash. Weed puller. 2,437,393, Mar. 9.

Krippendorf, Louis H., White Plains, assignor to American Catheter Corporation, Port Chester, N. Y. Catheter-type instrument. 2,437,542, Mar. 9.

Kuchar, Joseph, Chicago, Ill. Hitch. 2,437,607, Mar. 9.

LFC Corporation, assignee: *See*—
Crumrine, Chester W.

Labin, Emile, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Television and sound transmitting system. 2,437,300, Mar. 9.

Lachmund, Julius, San Francisco, Calif. Parallel ruler. 2,437,469, Mar. 9.

La Rosa, Nate: *See*—
Gambino, Nate, and La Rosa.

Lawrence, Frank L., Vancouver, British Columbia, Canada. Hydraulic clutch control. 2,437,430, Mar. 9.

Lecher, Hans Z., Plainfield, R. P. Parker, Somerville, and C. M. Hofmann, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Sulfofluorides of azoic dyestuffs. 2,437,644, Mar. 9.

Le Clair, Camille C. S., Acton, London, England. Pipe joint. 2,437,543, Mar. 9.

Legatski, Harold R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic isomerization of hydrocarbon vapors in the presence of a metal-halide catalyst. 2,437,394, Mar. 9.

Leonard, Robert W.: *See*—
Watson, Norman A., Veneklasen, Leonard, and Gales.

Lerner, Louis L., assignor to Consolidated Royal Chemical Corporation, Chicago, Ill. Condensation products of cholesteryl esters with polyethylene glycol and producing same. 2,437,261, Mar. 9.

Les Usines De Melle (Societe Anonyme), assignee: *See*—
Guinot, Henri M., and Chassaing.

Lever Brothers Company, assignee: *See*—
Henderson, Lloyd F., and Maxwell.

Levitt, Percy B., Millburn, and J. D. Morgan, South Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Electric heater thermostatic switch control. 2,437,262, Mar. 9.

Lewis, Charles E.: *See*—
Long, Robert S., and Lewis.

Lewis, Lloyd V., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,437,326, Mar. 9.

Liberty, George W., South Lynnfield, assignor to National Development Company, Lynn, Mass. Inking and edge setting machine. 2,437,431, Mar. 9.

Lichtenstein, Hans J.: *See*—
Tuerck, Karl H. W., and Lichtenstein.

Lincoln Engineering Company, assignee: *See*—
Klein, Victor G., and Schneller.

Lobosco, Roscoe R., Elizabeth, N. J., assignor to Union Carbide and Carbon Corporation. Speed governor. 2,437,301, Mar. 9.

Lockheed Aircraft Corporation, assignee: *See*—
Johnson, Clarence L., and Richolt.
Meripol, Edward B.

Loeb, William S., assignee: *See*—
Aber, Joseph S.

Logemann, Willy: *See*—
Serini, Arthur, and Logemann.

Long, John H., New York, and W. Lupish, New Hyde Park, N. Y., assignors to the United States of America, as represented by the Secretary of Navy. Coaxial optical system for displacement gauges. 2,437,608, Mar. 9.

Long, Robert S., and C. E. Lewis, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. Metal complexes of pyrazolone azo dyestuffs. 2,437,645, Mar. 9.

Loumiet et Lavigne, Jean, Itabo, Cuba. Regulating steam generators and automatic feed systems for such generators. 2,437,327, Mar. 9.

Lupish, Walter: *See*—
Long, John H., and Lupish.

Lynch Package Machinery Corporation, assignee: *See*—
Sandberg, Oscar.

Magnusson, Folke G. R., Stockholm, and G. V. Oholm, Nockeby, Sweden. Apparatus for treating granular materials. 2,437,395, Mar. 9.

Mallinckrodt Chemical Works, assignee: *See*—
Homeyer, August H.

Manning, Fred W., Palo Alto, Calif. Method and apparatus for the production of filaments from solids. 2,437,263, Mar. 9.

Manning, Fred W., Palo Alto, Calif. Magazine spinning gun for the production of filaments and fabrics. 2,437,264, Mar. 9.

Manning, Fred W., Palo Alto, Calif. Tampon, sanitary napkin, surgical dressing, insulating material, filter cartridge, upholstery, and the like. 2,437,265, Mar. 9.

Manufacturers Machine & Tool Co., Inc., assignee: *See*—
Boecking, Ewald.

Marisic, Milton M., Northfield, assignor to The Pure Oil Company, Chicago, Ill. Hydrofluoric acid alkylation process. 2,437,544, Mar. 9.

Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Translating device. 2,437,266, Mar. 9.

Marshall Field and Company, assignee: *See*—
Clark, Eugene F.

Martin, Henry, and F. Häfliger, assignors to J. R. Geigy A.-G., Basel, Switzerland. Basic amides of 1-arylcycloalkyl-1-carboxylic acids. 2,437,545, Mar. 9.

Martines, Rene, Cranston, R. I. Tool. 2,437,432, Mar. 9.

Masonite Corporation, assignee: *See*—
Hill, John S.

Matulaitis, Victor E., and T. Iavelli, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Turret traversing mechanism. 2,437,646, Mar. 9.

Maurer, J. A., Inc., assignee: *See*—
Maurer, John A., Jr.

Maurer, John A., Jr., assignor to J. A. Maurer, Inc., New York, N. Y. Impulse recording optical system. 2,437,470, Mar. 9.

Maxim Silencer Company, The, assignee: *See*—
Bourne, Roland B.

Maxon, Glenway, Jr., assignor to The T. L. Smith Company, Milwaukee, Wis. Concrete mixing plant. 2,437,302, Mar. 9.

Maxwell, Bernard L.: *See*—
Henderson, Lloyd F., and Maxwell.

Mayle, Louis F., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Frequency comparison apparatus. 2,437,609, Mar. 9.

Mayrath, Thomas L., Dodge City, Kans. Sliding jaw wrench with oppositely-threaded screw adjustment. 2,437,267, Mar. 9.

McBride, Edward J., assignee: *See*—
Moore, William E.

McCarthy, Charles S., Birmingham, assignor to American Forging and Socket Company, Pontiac, Mich. Brake applying mechanism. 2,437,396, Mar. 9.

McCord Corporation, assignee: *See*—
Urso, Ralph F.

McDonald, Eugene F., Jr., Chicago, Ill. Combined dial scale, switch operator, and position indicator. 2,437,610, Mar. 9.

McKinnis, Art C., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Solvent extraction of hydrocarbons. 2,437,357, Mar. 9.

McLean, Robert E., Fort Benning, Ga. Takedown type wall brackets. 2,437,647, Mar. 9.

McLemore, Price C., Montgomery, Ala., assignor to Delinted Seed Company. Delinting cotton seed. 2,437,397, Mar. 9.

McMullen, Doyle E.: *See*—
Pickett, Ernest W., Jr., and McMullen.

McNair, Eric P., Mattoon, Ill. Cable bending pliers. 2,437,433, Mar. 9.

McWhirter, William C., Wilkinsburg, and G. V. Jefferson, Edgewood, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electric switch lock. 2,437,328, Mar. 9.

Merchants National Bank of Winona, administrator: *See*—
Hossfeld, Albert.

Merck & Co., Inc., assignee: *See*—
Conn, John B.

Meripol, Edward B., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Supercharged engine control. 2,437,546, Mar. 9.

Metron Instrument Company, assignee: *See*—
Floyd, Frederick K.

Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Catalytic oxidation of unsaturated organic compounds. 2,437,648, Mar. 9.

Miller, Stewart E., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Intermittently operating automatic frequency control. 2,437,268, Mar. 9.

Milner, David W., Leeds, assignor to Yorkshire Tar Distillers Limited, Barnsley, England. Separation of phenols from hydrocarbon distillates by steam distillation. 2,437,649, Mar. 9.

Minneapolis-Honeywell Regulator Company, assignee: *See*—
Field, William J.
Newton, Alwin B.

Mojonnier Bros. Co., assignee: *See*—
Mojonnier, Oliver W.

Mojonnier, Oliver W., River Forest, Ill., assignor to Mojonnier Bros. Co. Buffing machine. 2,437,398, Mar. 9.

Mojonnier, Oliver W., River Forest, Ill., assignor to Mojonnier Bros. Co. Buffing machine. 2,437,434, Mar. 9.

Molla, Charles P., New Hyde Park, N. Y. Knockdown metal chair. 2,437,303, Mar. 9.

Molla, Charles P., New Hyde Park, N. Y. Knockdown wrought iron chair. 2,437,304, Mar. 9.

Monroe Calculating Machine Company, assignee: *See*—
Crosman, Loring P.

Moore, Frederick J., Los Angeles, Calif., assignor to the United States, as represented by the Secretary of War. Surgical instrument for curetting. 2,437,329, Mar. 9.

Moore, William E., assignor to E. J. McBride, Philadelphia, Pa. Articulated bobbin holder. 2,437,471, Mar. 9.

Morgan, James F., Orlando, Fla. Multiple air screw driven from a common shaft. 2,437,399, Mar. 9.

Morgan, John D.: *See*—
Levitt, Percy B., and Morgan.

Morrison, Montford, Upper Montclair, N. J. Electric motor speed controller. 2,437,611, Mar. 9.

Mowery, Ralph N., Yakima, Wash. Cable splice. 2,437,358, Mar. 9.

Moyer, Stanley H., San Francisco, Calif., and L. R. Jensen, Salt Lake City, Utah. Flush tank. 2,437,435, Mar. 9.

Moynihan, John J., Chicago, Ill., assignor of one-half to J. B. Brennan, Euclid, Ohio. Method of and apparatus for roentgenographic inspection. 2,437,472, Mar. 9.

Mullen, John E., Cambridge, Mass. Making plastic contact lenses. 2,437,436, Mar. 9.

Mulligardt, Alexander S., Altadena, Calif. Variable incidence wing control for aircraft of the rotary wing or airplane sustained type. 2,437,330, Mar. 9.

Munsingwear, Inc., assignee: *See*—
Donaldson, Eleanor, and Gibney.

Murray, Earl F., and C. E. Hermann, Minneapolis, Minn. Fish stringer. 2,437,331, Mar. 9.

Nardone, Romeo M., Teaneck, assignor to Bendix Aviation Corporation, Teterboro, N. J. Engine starting mechanism. 2,437,400, Mar. 9.

National Blank Book Company, assignee: *See*—
Schade, John.

National Development Company, assignee: *See*—
Liberty, George W.

National-Simplex-Bludworth, Inc., assignee: *See*—
Bludworth, Timothy F.

Navy, United States of America, as represented by the Secretary of the, assignee: *See*—
Long, John H., and Lupish.
Salisbury, Winfield W.

Nelson, Hulda C., Pittsburgh, Pa. Trousers hanger and creaser. 2,437,437, Mar. 9.

Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Low-temperature test chamber. 2,437,332, Mar. 9.

New Wrinkle, Inc., assignee: *See*—
Waidle, William A.

Nickle, Arthur G., Saginaw, Mich. Retaining means for setscrews in bearing inner races. 2,437,305, Mar. 9.

Niles-Bement-Pond Company, assignee: *See*—
Chandler, Milton E.

Nilson, Carl E. J., Storgatan, Angelholm, Sweden. Time controlling mechanism. 2,437,401, Mar. 9.

Nitralloy Corporation, The, assignee: *See*—
Floe, Carl F.

Northwest Engineering Company, assignee: *See*—
Holloway, John H.

Norton, James P.: *See*—
Goodhue, William V., and Norton.

Null, George W., assignee: *See*—
Simons, Edward W.

Ogden, William L. W., Baltimore, Md., and W. R. Ryan, Fairfield, Conn., assignors to Bendix Aviation Corporation, South Bend, Ind. Pressure switch. 2,437,473, Mar. 9.

Ohl, Russell S., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Translating device and making it. 2,437,269, Mar. 9.

Oholm, Gustav V.: *See*—
Magnusson, Folke G. R., and Öholm.

Olsen, Thorsten Y., assignee: *See*—
Sundby, Harold C.

Orozco, Gilbert H., Euclid, assignor to G. H. Orozco and R. A. Whitbeck, partners doing business as Gilron Products Company, Cleveland, Ohio. Anodic cleaning. 2,437,474, Mar. 9.

Osborg, Hans, Port Washington, N. Y. Electrolytically zinc plating magnesium and magnesium base alloys. 2,437,612, Mar. 9.

Oxford, William F., Jr., Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa. Method of mitigating corrosion in wells. 2,437,475, Mar. 9.

Palmer, L. H., Childersburg, Ala. Abrading tool. 2,437,650, Mar. 9.

Palmer, Orion R., Jr., Beverly Hills, Calif. Vibrator attachment for electric razor actuating instruments. 2,437,402, Mar. 9.

Parker Appliance Company, The, assignee: *See*—
Wolfram, John N.

Parker, Herbert M., Oak Ridge, Tenn., assignor to the United States of America, as represented by the Atomic Energy Commission. Differential twin chamber neutron meter. 2,437,476, Mar. 9.

Parker, Robert P.: *See*—
Lecher, Hans Z., Parker, and Hofmann.

Parkerton, Madeline J.: *See*—
Schottgen, Louis, and Parkerton.

Parkin, Leslie, and J. Simpson, Nottingham, England. Manufacture of articles from short lengths of tubes. 2,437,477, Mar. 9.

Parks and Woolson Machine Company, assignee: *See*—
Hadley, Wilfred N.

Patchett, George W., Chigwell, England. Telescopic firearm. 2,437,548, Mar. 9.

Patnode, Winton I. *See*—
Burkhard, Charles A., and Patnode.

Pecher, Lawrence H., Akron, Ohio. Artificial bait. 2,437,549, Mar. 9.

Peck, William F., Buffalo, and K. W. Harper, East Aurora, N. Y., and R. S. Estey, Arlington, Va., assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Actuating means for colorimetric apparatus. 2,437,550, Mar. 9.

Peck, Robert L., Jr., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetostrictive compressional wave transmitter or receiver. 2,437,270, Mar. 9.

Penn Electric Switch Co., assignee: *See*—
Penn, Ralph.

Penn, Ralph, assignor to Penn Electric Switch Co., Goshen, Ind. Automatic control system. 2,437,551, Mar. 9.

Petroff, Sergius, and A. E. Prats, Manila, P. I. Producing gasoline and other hydrocarbons from coconut oil and related animal and vegetable oils and fats. 2,437,438, Mar. 9.

Philco Corporation, assignee: *See*—
Ames, Millard E., Jr., and Sunstein.

Phillips Petroleum Company, assignee: *See*—
Bottenberg, Kenneth C., and Richardson.
Legatski, Harold R.

Pickett, Ernest W., Jr., Liberty, and D. E. McMullen, Tex.; assignors of sixty-two per cent to said Pickett, and thirty-eight per cent to said McMullen. Garment cleaning machine. 2,437,478, Mar. 9.

Pierce, Raymond C., Chicago, Ill. Snubbed truck. 2,437,359, Mar. 9.

Pistey, John M.: *See*—
Van Amburg, Otto H., and Pistey.

Plessey Company, The, assignee: *See*—
Pugh, Cyril A., Booth, and Rough.

Plibrico Jointless Firebrick Company, assignee: *See*—
Anderson, John E.

Pollard, Eber: *See*—
Frye, Frederick E. J., and Pollard.

Pollard, Willard L., Evanston, Ill. Transmission. 2,437,333, Mar. 9.

Porcelain Insulator Corporation, The, assignee: *See*—
Rowland Davidge H.

Prats, Anthony E.: *See*—
Petroff, Sergius, and Prats.

Premier Crystal Laboratories, Inc., assignee: *See*—
Bach, Henry M.

Price, Edwin C., Newburgh, N. Y. Vehicle loading ramp. 2,437,479, Mar. 9.

Pro-phy-lac-tic Brush Company, assignee: *See*—
D'Alello, Gaetano F.

Pugh, Cyril A., and D. G. Booth, Ilford, and R. W. Rough, Romford, assignors to The Plessey Company Limited, Ilford, England. Valve. 2,437,480, Mar. 9.

Puls, Herman: *See*—
Raskin, Archie, Fox, and Puls.

Pure Oil Company, The, assignee: *See*—
Marisic, Milton M.

Purvis, Judson A., Chicago, Ill. Loose-leaf binder. 2,437,360, Mar. 9.

Quiroz, Francisco A., Newark, assignor to Kieley & Mueller, Inc., North Bergen, N. J. Valve construction. 2,437,552, Mar. 9.

Rackett, Gerald F., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Film registering apparatus. 2,437,361, Mar. 9.

Radio Corporation of America, assignee: *See*—
Bedford, Alda V.

Rambusch Decorating Company, assignee: *See*—
Ferlin, Paul E., and Rambusch.

Rambusch, Edward: *See*—
Ferlin, Paul E., and Rambusch.

Ramsay, Martin, Houston, Tex. Radio dial display device. 2,437,306, Mar. 9.

Raskin, Archie, Englewood, N. J., and I. Fox and H. Puls, New York, N. Y. Motion-picture film control device. 2,437,553, Mar. 9.

Rasmussen, Christian O., Copenhagen, Denmark. Laundry centrifugal. 2,437,651, Mar. 9.

Ratti, Roger, Neu-Allschwil near Basel, and P. Brandt, Basel, assignors to Durand & Huguenin S. A. Basel, Switzerland. Dyestuff preparations containing an acid ester salt of a leuco vat dyestuff, a water-soluble acid amide and a salt of a quaternary amino acid. 2,437,554, Mar. 9.

Raytheon Manufacturing Company, assignee: *See*—
Brown, William C.
Spencer, Percy L.

Records, Elmer H., Tacoma, Wash. Converting petroleum crudes. 2,437,439, Mar. 9.

Reddick, Rupert R., Oakland, Calif. Welding rod holder. 2,437,652, Mar. 9.

Redpath, Mathew V., near Columbiana, Ohio. Electric fence insulator. 2,437,613, Mar. 9.

Rees, Gregory L., Hinsdale, Ill., assignor to Hotpoint Inc. Push button switch. 2,437,555, Mar. 9.

Research Corporation, assignee: *See*—
Milas, Nicholas A.

Ressler, Hugh C.: *See*—
Hogan, John V. L., and Ressler.

Revere Camera Company, assignee: *See*—
Briskin, Theodore S. and J., and Golick.

Rhodes, M. H., Inc., assignee: *See*—
Rhodes, Marcus H.

Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., Hartford, Conn. Timing device. 2,437,556, Mar. 9.

Rice, Charles J., Bexleyheath, England. Fastening and holding device for doors, gates, and the like. 2,437,403, Mar. 9.

Rice, Henry W., East Boothbay, Maine. Centerboard installation. 2,437,271, Mar. 9.

Rich, Everett W., San Diego, Calif. Valve-in-head rotary internal-combustion engine embodying a rotary piston with radial sliding vanes and having a combustion chamber in the head. 2,437,653, Mar. 9.

Richardson, James A.: *See*—
Bottenberg, Kenneth C., and Richardson.

Richey, Clarence B., assignor to Electric Wheel Company, Quincy, Ill. Scoop board for vehicle boxes. 2,437,614, Mar. 9.

Richolt, Robert R.: *See*—
Johnson, Clarence L., and Richolt.

Rigden, Duncan L., Oakland, Calif. Balanced pressure gage and switch. 2,437,440, Mar. 9.

Roadless Traction Limited, assignee: *See*—
Tripp, Leonard W.

Robinson, Albert P., Seattle, Wash. Golf club grips. 2,437,404, Mar. 9.

Robinson, Albert P., Seattle, Wash. Carrying device. 2,437,405, Mar. 9.

Robinson, Richard S., Gloucester, Mass., assignor to Allied Chemical & Dye Corporation. Production of alkali metal methylates. 2,437,272, Mar. 9.

Rockoff, Joseph, Dayton, Ohio, assignor to The Dayton Rubber Company. Top spinning roller. 2,437,362, Mar. 9.

Rockola, David C., and I. Gil, assignors, by mesne assignments, to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonographic apparatus. 2,437,557, Mar. 9.

Rock-Ola Manufacturing Corporation, assignee: *See*—
Rockola, David C., and Gil.

Rockwood, Edgar L., Berkeley, Calif. Precision radio remote control system. 2,437,558, Mar. 9.

Roethell, Bruno E., Cranford, N. J., assignor to Standard Oil Development Company. Controlling chemical reactions. 2,437,334, Mar. 9.

Rogers, Leonard M., Mendon, assignor to Draper Corporation, Hopedale, Mass. Loom stop motion. 2,437,406, Mar. 9.

Rogers, Linnaeus J., assignor to Associated Chemical Company of Canada Limited, Toronto, Ontario, Canada. Coloring metal surfaces. 2,437,441, Mar. 9.

Rogers, Maurice A. T.: *See*—
Goodings, Eric P., and Rogers.

Röhm & Haas Company, assignee: *See*—
Hester, William F., and Craig.

Rose, James, assignor to L. Rose, Davenport, Iowa. Kitchen cabinet. 2,437,665, Mar. 9.

Rose, Luella, assignee: *See*—
Rose, James.

Rosner, Irving, assignor to Even-Pul Foundations, Inc., New York, N. Y. Foundation garment. 2,437,654, Mar. 9.

Rosner, Irving, Forest Hills, assignor to Even-Pul Foundations, Inc., New York, N. Y. Brassière. 2,437,655, Mar. 9.

Rough, Rudolph W.: *See*—
Pugh, Cyril A., Booth, and Rough.

Rowland, Davidge H., Brighton, assignor to The Porcelain Insulator Corporation, Lima, N. Y. Insulator and method of manufacturing same. 2,437,559, Mar. 9.

Rummelsburg, Alfred L., New Castle, assignor to Hercules Powder Company, Wilmington, Del. Rosin derivatives. 2,437,481, Mar. 9.

Rutherford, Katherine E., assignee: *See*—
Rutherford, Paul A.

Rutherford, Paul A., assignor to Katherine E. Rutherford, Baltimore, Md. Cigarette machine. 2,437,615, Mar. 9.

Ryan, William R.: *See*—
Ogden, William L. W., and Ryan.

Saks, Ira: *See*—
Kelleher, Daniel.

Salisbury, Leroy F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluorohydrocarbons by reacting hydrogen fluoride with acetylenic hydrocarbons. 2,437,307, Mar. 9.

Salisbury, Leroy F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making fluoroprene. 2,437,308, Mar. 9.

Salisbury, Winfield W., Arlington, Mass., assignor to the United States of America, as represented by the Secretary of the Navy. High-frequency electrical transmission line. 2,437,482, Mar. 9.

Sandberg, Oscar, Defiance, assignor to Lynch Package Machinery Corporation, Toledo, Ohio. Wrapping paper control mechanism. 2,437,560, Mar. 9.

Sander, Charles P.: *See*—
Herring, Earl R., and Sander.

Sandvik Steel Incorporated, assignee: *See*—
Allen, Walter H.

Satloff, Martin, Brooklyn, N. Y. Cigarette dispenser. 2,437,616, Mar. 9.

Schaaf, Fritz, Basel, Switzerland, assignor to Ciba Pharmaceutical Products Inc., Summit, N. J. Preparation for the care of the skin. 2,437,561, Mar. 9.

Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Post binder mechanism. 2,437,617, Mar. 9.

Schering Corporation, assignee: *See*—
Serini, Arthur, and Logemann.

Schläpfer, Oscar, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Diesel-electric vehicle with automatic field weakening of the driving motors. 2,437,483, Mar. 9.

Schneller, Rudy F.: *See*—
Klein, Victor G., and Schneller.

Schofield, John, Jr., Rochdale, England. Weighting motion for drafting rollers. 2,437,562, Mar. 9.

Schottgen, Louis, Penwell, N. J., and M. J. Parkerton, New York, N. Y. Beer delivery and dispensing apparatus. 2,437,618, Mar. 9.

Schuster, Nicholas J., Easton, Minn. Drainage ditch equipment. 2,437,273, Mar. 9.

Seaver, John D., Marblehead, Mass., assignor to General Electric Company. Heat-treatment for copper-nickel-cobalt permanent magnet alloys. 2,437,563, Mar. 9.

Senn Corporation, assignee: *See*—
Coake, Charles F.

Sergio, Paul, South Bend, Ind. Leather skiving device. 2,437,565, Mar. 9.

Serini, Arthur, Berlin, and W. Logemann, Berlin-Charlottenburg, Germany, assignors to Schering Corporation, Bloomfield, N. J. Compounds with cortinlike effect and intermediates thereof and producing the same. 2,437,564, Mar. 9.

Setz, Walter H., Upper Darby, Pa., assignor to All American Aviation, Inc., Wilmington, Del. Emergency pickup equipment. 2,437,619, Mar. 9.

Shapiro, Joseph, Brooklyn, N. Y. Combined compact, purse, and key ring. 2,437,335, Mar. 9.

Simons, Edward W., assignor of one-half to G. W. Null, San Francisco, Calif. Cooling tower. 2,437,484, Mar. 9.

Simpson, John: *See*—
Parkin, Leslie, and Simpson.

Sinclair Refining Company, assignee: *See*—
Teter, John W.

Singer, Otto, London, England. Track wheel for vehicles. 2,437,407, Mar. 9.

Siwiec, Eugene S., Chicago, Ill. Toy. 2,437,442, Mar. 9.

Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,437,274, Mar. 9.

Skene, Matthew, Hempstead, and C. H. Guiles, Garden City, N. Y., assignors to The Sperry Corporation. Scanning reference generator. 2,437,275, Mar. 9.

Slater, John M.: *See*—
Frische, Carl A., Ferrill, and Slater.

Smith, Donald I.: *See*—
Cole, Robert A., and Smith.

Smith, Ernest C., Pawpaw, Mich. Sight for firearms. 2,437,363, Mar. 9.

Smith, George B., Maple Park, assignor to R. J. Baxter, Crystal Lake, and M. L. Smith, Evanston, Ill. Mineral feed for animals and producing same. 2,437,666, Mar. 9.

Smith, Herschel, and J. V. Dunham, Southampton, Pa., and N. K. Turnbull, Pitman, N. J. Hangfire recorder. 2,437,276, Mar. 9.

Smith-King Company, assignee: *See*—
King, John P.

Smith, Lawson A., assignor to R. H. Clark, Los Angeles, Calif. Drill and countersink tool. 2,437,364, Mar. 9.

Smith, Leicester I., West Hartford, assignor of one-half to M. R. Guthrie, Hartford, Conn. Bottle carrier. 2,437,667, Mar. 9.

Smith, Marjorie L., assignee, et al.: *See*—
Smith, George B.

Smith, T. L., Company, The, assignee: *See*—
Maxon, Glenway, Jr.

Snow-Nabstedt Gear Corporation, The, assignee: *See*—
Berndtson, John O.

Socony-Vacuum Oil Company, assignee: *See*—
Dalton, Swanton D.

Soday, Frank J., Baton Rouge, La., assignor to The United Gas Improvement Company. Production of erythritol. 2,437,277, Mar. 9.

Soday, Frank J., Baton Rouge, La., assignor to The United Gas Improvement Company. Polymerization of substituted indene. 2,437,278, Mar. 9.

Soet, John C., Grand Rapids, Mich. Blood drawing instrument. 2,437,408, Mar. 9.

Sonnenschein, Louis C., Milwaukee, Wis. Box clamp. 2,437,485, Mar. 9.

Speer, William F., Leonia, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Coating masses of small copper-bearing aluminum articles. 2,437,620, Mar. 9.

Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. High-power microwave discharge tube. 2,437,279, Mar. 9.

Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Electron discharge device of the magnetron type. 2,437,280, Mar. 9.

Sperry Corporation, The, assignee: *See*—
Frische, Carl A., Ferrill, and Slater.
Skene, Matthew, and Guiles.
Tawney, Gereld L.
Witt, Marcus K.

Sporket, Albert, Detroit, Mich. Sharpening device for lawn mowers. 2,437,443, Mar. 9.

Srofe, Jesse, Cincinnati, Ohio. Banner or pennant type of display device. 2,437,444, Mar. 9.

Stack, John D., Van Nuys, assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Sound reverberating device. 2,437,445, Mar. 9.

Staiger, Otto K., Chicago, Ill., assignor to American Brake Shoe Company, Wilmington, Del. Material-handling apparatus. 2,437,486, Mar. 9.

Standard Oil Company: assignee: *See*—
Fragen, Nathan.
Hill, Philip.

Standard Oil Development Company, assignee: *See*—
Heigl, John J., and Wilson.
Roethell, Bruno E.

Standard-Thomson Corporation, assignee: *See*—
Woods, John E.

Stanley, Vernon K., assignee: *See*—
Gerondale, John J.

Steenhoven, John R., Springfield, Minn. Dump attachment for vehicles. 2,437,656, Mar. 9.

Stephens, Foster M., assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Gas pulsation dampening apparatus. 2,437,446, Mar. 9.

Stewart-Warner Corporation, assignee: *See*—
Allen, Arthur C.

Stonebraker, Harold E., Rochester, N. Y. Safety attachment for billfolds. 2,437,566, Mar. 9.

Strate, Carl F., Chicago, Ill. Device for computing lapse of time. 2,437,621, Mar. 9.

Stryker, Robert D., Collins, Ohio. Skid runner attachment for vehicles. 2,437,622, Mar. 9.

Studebaker Corporation, The, assignee: *See*—
Greenlee, Harry R.
White, Eber B.

Sturm, Milton & Company, assignee: *See*—
Burlin, Leslie H.

Sturm, Milton L., assignee: *See*—
Burlin, Leslie H.

Submarine Signal Company, assignee: *See*—
Curtis, Richard P.
Turner, Edwin E., Jr.

Sulzer Frères, Société Anonyme, assignee: *See*—
Schläpfer, Oscar.

Sun Oil Company, assignee: *See*—
Oxford, William F., Jr.

Sunbeam Corporation, assignee: *See*—
Koci, Ludvik J.

Sundby, Harold C., assignor of one-half to T. Y. Olsen, Philadelphia, Pa. Lighter. 2,437,623, Mar. 9.

Sunstein, David E.: *See*—
Ames, Millard E., Jr., and Sunstein.

Super-Seal Container Corporation, assignee: *See*—
Glocker, Gustave.

Super Speed Press Corporation, assignee: *See*—
Hoopes, Penrose R.

Surface Combustion Corporation, assignee: *See*—
Hodil, Ralph W.

Sutker, Irving, Brooklyn, N. Y. Work-holding and guiding mechanism for sewing machines. 2,437,624, Mar. 9.

Tarbell, John C., Springfield, Mass. Fly catching device. 2,437,447, Mar. 9.

Tawny, Gereld L., Hempstead, N. Y., assignor to The Sperry Corporation. High-frequency radiant energy apparatus. 2,437,281, Mar. 9.

Taylor, George F., Grosse Point Woods, assignor to Carboloy Company, Inc., Detroit, Mich. Process and die for extruding tubular plastic products. 2,437,625, Mar. 9.

Taylor, Scott V. E., Cleveland, Ohio. Hydraulic transmission. 2,437,448, Mar. 9.

Taylor, Taylor & Hobson Limited, assignee: *See*—
Cox, Arthur.

Technicolor Motion Picture Corporation, assignee: *See*—
Rackett, Gerald F.

Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Reducing a metal oxide catalyst. 2,437,487, Mar. 9.

Texaco Development Corporation, assignee: *See*—
Garrison, Allen D.

Thomas, Albert G., Lynchburg, Va. Annular electronic tube. 2,437,365, Mar. 9.

Thomas, Albert G., Alexandria, Va. Hair drier. 2,437,366, Mar. 9.

Thompson, Leslie E., and A. Jenkins, London, England, assignors, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Alternating electric current rectifier. 2,237,336, Mar. 9.

Tinsley, Clifford R., Beverly, N. J., assignor to United States Pipe and Foundry Company. Reclaiming used metal molds. 2,437,626, Mar. 9.

Tischendorf, Werner, Chardon, Ohio. Razor blade holder. 2,437,337, Mar. 9.

Tripp, Leonard W., assignor to Roadless Traction Limited, Hounslow, England. Endless track for vehicles. 2,437,338, Mar. 9.

Trojan Powder Company, assignee: *See*—
Wyler, Joseph A.

Tucker, William M., assignor to Eastman Kodak Company, Rochester, N. Y. Activating and electroplating stainless steel. 2,437,409, Mar. 9.

Tuerck, Karl H. W., Banstead, and H. J. Lichtenstein, Epsom, England, assignors to The Distillers Company, Limited, Edinburgh, Scotland. Manufacture of hydroxy acids. 2,437,410, Mar. 9.

Turnbull, Norman K.: *See*—
Smith, Herschel, Dunham, and Turnbull.

Turner, Edwin E., Jr., West Roxbury, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Electroacoustical transducer. 2,437,282, Mar. 9.

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Brake and dampener for rocking bobbin magazines. 2,437,627, Mar. 9.

Tuten, James M., Greenville, S. C., assignor to Draper Corporation, Hopedale, Mass. Cloth take-up mechanism for looms. 2,437,367, Mar. 9.

Tuttle, Clifton M., assignor to Eastman Kodak Company, Rochester, N. Y. Densitometer. 2,437,411, Mar. 9.

Twentieth Century-Fox Film Corporation, assignee: *See*—
Corcoran, James P.
Stack, John D.

Twigg, Charles & Company Limited, assignee: *See*—
Cooklin, Leonard, and Holl.s.

Uhlemann Optical Co. of Illinois, assignee: *See*—
Uhlemann, Richard C.

Uhlemann, Richard C., Barrington, assignor to Uhlemann Optical Co. of Illinois, Chicago, Ill. Lens edge grinder. 2,437,567, Mar. 9.

Ulanet, Herman, Newark, N. J. Thermal control for gluing structural assemblies and other purposes. 2,437,488, Mar. 9.

Union Carbide and Carbon Corporation, assignee: *See*—
Lobosco, Roscoe R.

Union Oil Company of California, assignee: *See*—
Huffman, Hal C.
McKinnis, Art C.

Union Switch & Signal Company, The, assignee: *See*—
Bossart, Paul N.
Hedding, Linnie K.
Lewis, Lloyd V.
McWhirter, William C., and Jefferson.
Thompson, Leslie E., and Jenkins.

United Gas Improvement Company, The, assignee: *See*—
Soday, Frank J.

United Shoe Machinery Corporation, assignee: *See*—
Goodhue, William V., and Norton.

United States of America, The, assignee: *See*—
Watson, Norman A., Veneklasen, Leonard, and Gales.

United States Pipe and Foundry Company, assignee: *See*—
Tinsley, Clifford R.

Universal Lighters Selling Company Ltd., assignee: *See*—
Gostkowski, Bedri H.

Universal Oil Products Company, assignee: *See*—
Brown, Kenneth M., and Gerhold.

Urso, Ralph F., assignor to McCord Corporation, Detroit, Mich. Pump. 2,437,568, Mar. 9.

Van Amburg, Otto H., Bridgeport, and J. M. Pistey, Fairfield, Conn., assignors to General Electric Company. Lamp fixture. 2,437,569, Mar. 9.

Vance, Robert M., Cleveland, and A. G. Horney, Worthington, Ohio, assignors to Air Reduction Company, Incorporated, New York, N. Y. 2-chloroethylcyclopropyl ether and preparing it. 2,437,368, Mar. 9.

Veatch, Joseph G., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Toroidal winding machine. 2,437,309, Mar. 9.

Veneklasen, Paul S.: *See*—
Watson, Norman A., Veneklasen, Leonard, and Gales.

Viers, Giles W., Denton, Tex. Cylinder firing position locator used in adjusting valve clearance. 2,437,283, Mar. 9.

Vokes, Cecil G., London, assignor to Vokes Limited, Guilford, Surrey, England. Air filter with heat exchange arrangements. 2,437,489, Mar. 9.

Vokes Limited, assignee: *See*—
Vokes, Cecil G.

Von Zelewsky, Ottomar, Neuhausen-on-the-Rheinfall, Switzerland, assignor to Aktiengesellschaft der Eisen- und Stahlwerke vorm. Georg Fischer, Schaffhausen. Lathe. 2,437,570, Mar. 9.

Wange, Gilbert, Sandusky, Ohio. Steam iron. 2,437,571, Mar. 9.

Waldie, William A., Oakwood, Ohio, assignor to New Wrinkle, Inc., Wilmington, Del. Flexilizer. 2,437,369, Mar. 9.

Walter, Leo N., Oak Glenn, Ill. Power excavating apparatus. 2,437,572, Mar. 9.

Walter, Leo N., Oak Glenn, Ill. Heater construction. 2,437,573, Mar. 9.

War, United States, as represented by the Secretary of: *See*—
Moore, Frederick J.

Warren, John T., Long Beach, Calif. Dog harness. 2,437,628, Mar. 9.

Watson, Benjamin W., Trenton, N. J. Artificial rubber from vinyl resin, phenol-aldehyde resin, and plasticizer. 2,437,284, Mar. 9.

Watson, Norman A., P. S. Veneklasen, R. W. Leonard, and R. S. Gales, Los Angeles, Calif., assignors to the United States of America. Ear defender. 2,437,490, Mar. 9.

Watter, Michael, and E. G. Bruce, assignors to The Budd Company, Philadelphia, Pa. Aircraft. 2,437,574, Mar. 9.

Waugh Equipment Company, assignee: *See*—
Berman, Samuel.

Weathered, Eric C.: *See*—
De Young, William, and Weathered.

Webster, Benjamin C., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Connector. 2,437,339, Mar. 9.

Weiss, William C.: *See*—
Gable, Paul T., and Weiss.

Welshman, James R., Cranston, assignor to Grinnell Corporation, Providence, R. I. Flaring tubing. 2,437,285, Mar. 9.

Werber, Norberto, Buenos Aires, Argentina. Double fuse. 2,437,310, Mar. 9.

West, Herbert J., and H. M. Enterline, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Heat-stable plasticized resin compositions. 2,437,657, Mar. 9.

Westinghouse Air Brake Company, The, assignee: *See*—
Aikman, Burton S.

Weyerts, Walter J., and C. W. Wiederhold, assignors to Eastman Kodak Company, Rochester, N. Y. Latent image intensification with sulfur dioxide. 2,437,412, Mar. 9.

Whaley, William, Knoxville, Tenn. Loading machine. 2,437,629, Mar. 9.

Whitbeck, Roland A., assignee: *See*—
Orozco, Golbert H.

White, Eber B., assignor to The Studebaker Corporation, South Bend, Ind. Steering device. 2,437,575, Mar. 9.

Wick, Quintin J., Highland, Ill. Flame-heater cathode tube. 2,437,576, Mar. 9.

Wiederhold, Charles W.: *See*—
Weyerts, Walter J., and Wiederhold.

Williams, Alfred O., Battle Creek, Mich. Interengaging impeller type blower or pump. 2,437,658, Mar. 9.

Williams, Keith, Buffalo, N. Y. Hand brake for railway cars. 2,437,491, Mar. 9.

Williams, Morris F., and S. B. Gailt, Syracuse, assignors to Crucible Steel Company of America, New York, N. Y. Wire pay-off mechanism. 2,437,630, Mar. 9.

Williams, Walter W., Bloomington, Ill., assignor to Eureka Williams Corporation. Absorption refrigeration system including condenser pressure control means. 2,437,577, Mar. 9.

Williamson, Floyd M., Detroit, Mich. Vanity case. 2,437,578, Mar. 9.

Willson, David S., Muskegon Heights, Mich, assignor to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Meter with cylinders parallel to the drive shaft. 2,437,413, Mar. 9.

Wilmot Castle Company, assignee: *See*—
Greppin, Ernest H.

Wilson, Cyril D., Metuchen, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Para-tertiary amino phenyl aldehydes. 2,437,370, Mar. 9.

Wilson, James A.: *See*—
Heigl, John J., and Wilson.

Wilson, Robert E., Minneapolis, Minn. Electrical outlet construction. 2,437,579, Mar. 9.

Wilson, William W., Memphis, Tenn. Latch for sofa bed hinges. 2,437,580, Mar. 9.

Wincharger Corporation, assignee: *See*—
Albers, John R.

Witt, Marcus K., Hempstead, N. Y., assignor to The Sperry Corporation. Radar device. 2,437,286, Mar. 9.

Wolfram, John N., assignor to The Parker Appliance Company, Cleveland, Ohio. Coupling for tubes. 2,437,632, Mar. 9.

Wood, John, Manufacturing Company, Inc., assignee: *See*—
Willson, David S.

Wood, Joseph K., assignor to General Spring Corporation, New York, N. Y. Support. 2,437,631, Mar. 9.

Woods, John E., Brookline, assignor, by mesne assignments, to Standard-Thomson Corporation, Boston, Mass. Heat exchange apparatus. 2,437,287, Mar. 9.

Wray, Robert J., Modesto, Calif. Plow assembly mount. 2,437,581, Mar. 9.

Wright, Roland T., St. Louis, Mo., assignor, by mesne assignments, to Bick Corporation. Vending machine. 2,437,311, Mar. 9.

Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Process for the preparation of dipentaerythritol hexanitrate. 2,437,582, Mar. 9.

Yorkshire Tar Distillers Limited, assignee: *See*—
Milner, David W.

Young, Eric J., Jersey City, N. J. Hosiery supporting means. 2,437,583, Mar. 9.

Zamora, Vicente, Manila, P. I. Ballot box. 2,437,584, Mar. 9.

Zenith Radio Corporation, assignee: *See*—
Aram, Nathan W.
Bell, John F.

Zimmern, Benno, New York, N. Y. Child's swivel harness. 2,437,585, Mar. 9.

Zugelder, Alfred J., Hamilton, Ohio. Suction device for removing dust from fabric or the like. 2,437,340, Mar. 9.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 9TH DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Dispenser and cutter, Automatic tape. H. L. Fitch. Re. 22,981, Mar. 9.
Dyestuffs, Manufacture of. N. H. Haddock. Re. 22,983, Mar. 9.
Mechanical adjustment of elements mounted inside vacuum tubes. C. H. Foulkes. Re. 22,982, Mar. 9.
Spring hanger. A. B. Donkersley and J. R. Welshman. Re. 22,980, Mar. 9.

LIST OF PLANT INVENTIONS

Nectarine plant. H. C. Swim. 787, Mar. 9.
Rose plant. J. H. Van Barneveld. 788, Mar. 9.

LIST OF DESIGN INVENTIONS

Alphabet for forming monograms or the like. M. Chernow. 148,910, Mar. 9.
Arm rest and door pull, Combined. E. G. Wettlaufer. 148,968, Mar. 9.
Ash tray or article of similar nature. A. J. Dreitzer. 148,918, Mar. 9.
Baking dish, griddle, and dutch oven, Combination. C. A. Ovenshire. 148,948, Mar. 9.
Belt. J. S. Ashdowne. 148,903, Mar. 9.
Bier-pin. E. L. Schofield. 148,961, Mar. 9.
Billfold and coin purse, Combined. J. P. Reis. 148,955, Mar. 9.
Bobsled. R. Warrender. 148,967, Mar. 9.
Box, Mail. H. W. Robinette. 148,958, Mar. 9.
Brick, Child's. B. M. Hickman. 148,930, Mar. 9.
Brooch or similar article. A. Philippe. 148,953, Mar. 9.
Bubbling device or the like, Illuminable. J. Petry, 148,950, Mar. 9.
Cabinet, Corner wall. C. S. Motter. 148,940, Mar. 9.
Cabinet or the like, Radio. F. C. Burton. 148,907, Mar. 9.
Cabinet, Sewing machine. W. J. Peets. 148,949, Mar. 9.
Candelabrum and flower vase, Combined. A. E. Thienhaus. 148,965, Mar. 9.
Card, Playing. G. J. O'Donnell. 148,946, Mar. 9.
Casing, Suction cleaner. J. H. Muffer and L. H. Latta. 148,945, Mar. 9.
Chair or similar article, Child's training. A. B. Sawyer. 148,960, Mar. 9.
Clip, Fountain pen. J. Wallace. 148,966, Mar. 9.
Clock, Wall. G. W. Florian. 148,923, Mar. 9.
Coaster or similar article. H. A. Ganser. 148,925, Mar. 9.
Coat, Work. H. C. Cookman. 148,912, Mar. 9.
Compass, Auto. B. E. Sherrill. 148,962, Mar. 9.
Connector, Adjustable line. E. H. Karleen. 148,933, Mar. 9.
Control unit. C. J. Daubenberger. 148,914, Mar. 9.
Cooker, Barbecue. D. Nassif. 148,943, Mar. 9.
Cover or similar article, Wheel. G. A. Lyon. 148,937, Mar. 9.
Dispenser, Beverage. A. Naiden. 148,942, Mar. 9.
Dispenser, Salad. M. E. Ryan. 148,959, Mar. 9.
File, Revolving. O. Decker. 148,915, Mar. 9.
Font of keyboard symbols. L. Yutang. 148,970, Mar. 9.
Fork for bicycles and velocipedes. E. D. Martin. 148,939, Mar. 9.
Frame, Picture. P. L. Hartnett. 148,929, Mar. 9.
Handle for a sanding pad. S. A. Crosby. 148,913, Mar. 9.
Holder, Candle. D. Kaplan. 148,932, Mar. 9.
Holder, Razor and blade. H. H. Hopkins. 148,931, Mar. 9.
Ladle. E. J. Comeau. 148,911, Mar. 9.
Lamp. T. W. Wilson. 148,969, Mar. 9.
Lamp and potted plant bowl, Combination. R. O. Bextel. 148,905, Mar. 9.
Leather or similar article, Embossed. S. B. Freedman. 148,924, Mar. 9.
Paving machine, Road. C. B. Stevens. 148,963, Mar. 9.
Pen or like article. E. Douglas. 148,917, Mar. 9.
Pendant, Luminous. J. C. MacLennan. 148,938, Mar. 9.
Phonograph or the like. H. L. Everett. 148,921, Mar. 9.
Protector, Ear drum. J. J. Cantor. 148,908, Mar. 9.
Sachet bag and perfume bottle container, Combined. E. N. Graham. 148,927, Mar. 9.
Saddle. L. Kosloff. 148,934, Mar. 9.
Scarf. A. M. Goldberg. 148,926, Mar. 9.
Scraper or similar article. H. Eisenberg. 148,920, Mar. 9.
Scythe. G. W. Carlson. 148,909, Mar. 9.
Seat, Machine. W. A. Fleischer. 148,922, Mar. 9.
Service station island, Automobile. J. A. Hardesty. 148,928, Mar. 9.
Shaker, Condiment. B. Belcher. 148,906, Mar. 9.
Shoe. I. Tarlow. 148,964, Mar. 9.
Shoe, Baby. E. M. Potts. 148,954, Mar. 9.
Spray gun or the like. J. W. Baur and E. Gustafsson. 148,904, Mar. 9.
Stretcher, Shoe toe-cap. R. Pfifferling. 148,951, Mar. 9.
Support and seat, Combined article. H. B. Rhodes. 148,956, Mar. 9.
Table, Provincial step. G. Alessandrini. 148,902, Mar. 9.
Toaster, Electric. H. L. Laylon. 148,936, Mar. 9.
Tongs, Food. C. Duncan. 148,919, Mar. 9.
Tool, Combination. L. Rice. 148,957, Mar. 9.
Top, Table. D. H. Dickerman and F. H. Coburn. 148,916, Mar. 9.
Toy food mixer. C. H. Muller. 148,941, Mar. 9.
Toy or similar article, Ring. A. D. Phelps, Jr. 148,952, Mar. 9.
Trailer. R. F. Kuns. 148,935, Mar. 9.
Tray, Display. N. E. Olin. 148,947, Mar. 9.
Tray or similar article, Photographic film and print. T. G. Nevell and F. Samet. 148,944, Mar. 9.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 9TH DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrading machine. W. De Young and E. C. Weathered. 2,437,245, Mar. 9.
Abrading tool. L. H. Palmer. 2,437,650, Mar. 9.
Absolute pressure gauge. A. C. Allen. 2,437,371, Mar. 9.
Absorption refrigeration system including condenser pressure control means. W. W. Williams. 2,437,577, Mar. 9.
Acids, Manufacture of hydroxy. K. H. W. Tuerck and H. J. Lichtenstein. 2,437,410, Mar. 9.
Activating and electroplating stainless steel. W. M. Tucker. 2,437,409, Mar. 9.
Actuating means for colorimetric apparatus. W. F. Peck, K. W. Harper, and R. S. Estey. 2,437,550, Mar. 9.
Aircraft. M. Watter and E. G. Bruce. 2,437,574, Mar. 9.
Aircraft heating control system. W. J. Field. 2,437,318, Mar. 9.
Air filter with heat exchange arrangements. C. G. Vokes. 2,437,489, Mar. 9.
Air screw driven from a common shaft, Multiple. J. F. Morgan. 2,437,399, Mar. 9.
Alarm, Deep and shoal. T. F. Bludworth. 2,437,416, Mar. 9.
Alimentary paste extrusion apparatus. J. De Francisci. 2,437,460, Mar. 9.
Alkali metal methylates, Production of. R. S. Robinson. 2,437,272, Mar. 9.
Alternating electric current rectifier. L. E. Thompson and A. Jenkins. 2,437,336, Mar. 9.
Ammunition container. W. V. Goodhue and J. P. Norton. 2,437,425, Mar. 9.
Anhydrous HCl, Manufacturing. K. C. Bottenberg and J. A. Richardson. 2,437,290, Mar. 9.
Animal trap. C. W. Crumrine. 2,437,507, Mar. 9.
Annular electronic tube. A. G. Thomas. 2,437,365, Mar. 9.
Anodic cleaning. G. H. Orozco. 2,437,474, Mar. 9.
Apparatus for bending metal strips edgewise in making helical fins. E. Bruegger. 2,437,500, Mar. 9.
Apparatus for cutting the bevel on hull planking. B. Aas. 2,437,236, Mar. 9.
Apparatus for instantaneously indicating on an oscilloscope screen the absorption spectrum of a substance. J. J. Heigl and J. A. Wilson. 2,437,323, Mar. 9.
Apparatus for internal-combustion engines, Control. M. E. Chandler. 2,437,377, Mar. 9.
Apparatus for treating granular materials. F. G. R. Magnusson and G. V. Oholm. 2,437,395, Mar. 9.
Aromatic mercury alcoholates. C. N. Andersen. 2,437,450, Mar. 9.
Articles from short lengths of tubes, Manufacture of. L. Parkin and J. Simpson. 2,437,477, Mar. 9.
Articulated bobbin holder. W. E. Moore. 2,437,471, Mar. 9.
Artificial bait. C. L. Hahn. 2,437,523, Mar. 9.
Artificial bait. L. H. Pecher. 2,437,549, Mar. 9.
Artificial rubber from vinyl resin, phenol-aldehyde resin, and plasticizer. B. W. Watson. 2,437,284, Mar. 9.
Automatic coupling, decoupling, and adjusting hitch. F. R. Hawkins. 2,437,321, Mar. 9.
Automatic telegraph key. F. A. Bartlett. 2,437,497, Mar. 9.
Automobile control mechanism. S. T. Kobernick. 2,437,260, Mar. 9.
Balanced impeller structure for wind motors. J. R. Albers. 2,437,659, Mar. 9.
Ball game apparatus, Tethered. R. Bergerioux. 2,437,454, Mar. 9.
Ballot box. V. Zamora. 2,437,584, Mar. 9.
Basic amides of 1-aryl-cycloalkyl-1-carboxylic acids. H. Martin and F. Häfliger. 2,437,545, Mar. 9.
Bedspring support. H. E. Jenkins. 2,437,535, Mar. 9.
Belt conveyor frame construction. G. W. Benjamin. 2,437,499, Mar. 9.
Binder, Loose-leaf. J. A. Purvis. 2,437,360, Mar. 9.
Blade honing device. N. B. Anderson. 2,437,495, Mar. 9.
Blank for propeller blades, Spot milling tubular. D. J. Davis. 2,437,317, Mar. 9.
Blood drawing instrument. J. C. Soet. 2,437,408, Mar. 9.
Blower or pump, Interengaging impeller type. A. O. Williams. 2,437,658, Mar. 9.
Boiler construction. C. R. Briggs. 2,437,347, Mar. 9.
Booster type servomotor system. C. L. Johnson and R. R. Richolt. 2,437,536, Mar. 9.
Bottle carrier. L. I. Smith. 2,437,667, Mar. 9.
Box: *See*—
Ballot box.
Knitting box.
Box clamp. L. C. Sonnenschein. 2,437,485, Mar. 9.
Brackets, Takedown type wall. R. E. McLean. 2,437,647, Mar. 9.
Brake and dampener for rocking bobbin magazines. R. G. Turner. 2,437,627, Mar. 9.
Brake applying mechanism. C. S. McCarthy. 2,437,396, Mar. 9.
Brake control device. C. L. Eksergian. 2,437,423, Mar. 9.
Brassière. I. Rosner. 2,437,655, Mar. 9.
Buffer spring device for drilling machines. A. Hossfeld. 2,437,429, Mar. 9.
Buffing machine. O. W. Mojonnier. 2,437,398, Mar. 9.
Buffing machine. O. W. Mojonnier. 2,437,434, Mar. 9.
Cabinet: *See*—
Kitchen cabinet.
Carriage, Collapsible. L. Cooklin and T. R. Hollis. 2,437,380, Mar. 9.
Carrier: *See*—
Bottle carrier.
Carrying device. A. P. Robinson. 2,437,405, Mar. 9.
Cart, Collapsible. M. Hochron. 2,437,386, Mar. 9.
Case: *See*—
Vanity case.
Case for drills. R. D. Douglas. 2,437,595, Mar. 9.
Caster. C. A. Baum. 2,437,588, Mar. 9.
Caster for furniture. T. Bailey. 2,437,312, Mar. 9.
Catalysts. H. C. Huffman. 2,437,533, Mar. 9.
Catalysts, Recovery of. N. Fragen. 2,437,352, Mar. 9.
Catalytic alkylation of aromatic hydrocarbons by long chain olefins. P. Hill. 2,437,356, Mar. 9.
Catalytic oxidation of unsaturated organic compounds. N. A. Milas. 2,437,648, Mar. 9.
Catalytic process for the isomerization of hydrocarbon vapors in the presence of a metal-halide catalyst. H. R. Legatski. 2,437,394, Mar. 9.
Catalytic reforming of hydrocarbons. H. C. Huffman. 2,437,532, Mar. 9.
Catalytic treatment of hydrocarbons. H. C. Huffman. 2,437,531, Mar. 9.
Catheter-type instrument. L. H. Krippendorf. 2,437,542, Mar. 9.
Centerboard installation. H. W. Rice. 2,437,271, Mar. 9.
Chair: *See*—
Knockdown metal chair.
Knockdown wrought iron chair.
Chemical reactions, Controlling. B. E. Roethell. 2,437,334, Mar. 9.
Cigaret dispenser. J. J. Gerondale. 2,437,464, Mar. 9.
Cigarette dispenser. M. Satloff. 2,437,616, Mar. 9.
Cigarette machine. P. A. Rutherford. 2,437,615, Mar. 9.
Circuit: *See*—
Diode detector circuit.
Clamp: *See*—
Box clamp.
Clock. G. J. Cunningham. 2,437,459, Mar. 9.
Cloth take-up mechanism for looms. J. M. Tutea. 2,437,367, Mar. 9.
Clothespin dispenser. K. V. Bell. 2,437,498, Mar. 9.
Clutch plate. D. Kelleher. 2,437,537, Mar. 9.
Coating masses of small copper-bearing aluminum articles. W. F. Speer. 2,437,620, Mar. 9.
Coaxial optical system for displacement gauges. J. H. Long and W. Lupish. 2,437,608, Mar. 9.
Coil and yoke for cathode ray tubes, Deflection. R. B. Gethmann. 2,437,513, Mar. 9.
Coloring metal surfaces. L. J. Rogers. 2,437,441, Mar. 9.
Comb accessory. F. R. Heyman. 2,437,298, Mar. 9.
Compact, purse, and key ring, Combined. J. Shapiro. 2,437,335, Mar. 9.
Compass, Repeater. L. P. Crosman. 2,437,506, Mar. 9.
Compounds with cortinlike effect and intermediates thereof and producing the same. A. Serini and W. Logemann. 2,437,564, Mar. 9.
Compressor mechanism. B. S. Aikman. 2,437,341, Mar. 9.
Concentric and parallel conductor systems, Junction between. W. Dällenbach. 2,437,244, Mar. 9.
Connector. B. C. Webster. 2,437,839, Mar. 9.
Container: *See*—
Ammunition container.
Pickup and delivery container.
Container closure. G. Glocker. 2,437,515, Mar. 9.
Container for air-depolarized cells, Protective gas-permeable. L. S. Dunham. 2,437,422, Mar. 9.
Control mechanism for automatic pilot, Auxiliary. P. G. Holt. 2,437,256, Mar. 9.
Control system, Automatic. R. Penn. 2,437,551, Mar. 9.
Control system, Remote. L. V. Lewis. 2,437,326, Mar. 9.
Coolant supplying mechanism for machine tools. M. R. Karge. 2,437,605, Mar. 9.
Copolymers of mixtures comprising allyl and methallyl ether esters. G. F. D'Alelio. 2,437,508, Mar. 9.

Corner assembly and fastening means for knockdown counters and the like. J. Aksien. 2,437,235, Mar. 9.
Cotton seed, Delinting. P. C. McLemore. 2,437,397, Mar. 9.
Coupling: *See*—
Flexible pipe coupling.
Coupling for tubes. J. N. Wolfram. 2,437,632, Mar. 9.
Cracking process. S. D. Dalton. 2,437,383, Mar. 9.
Crocheted hat and producing the same. V. C. Harvel. 2,437,525, Mar. 9.
Crossarm for transmission wires. F. E. Buxton. 2,437,375, Mar. 9.
Cutting device. D. R. Eastwood. 2,437,295, Mar. 9.
Cyanocyclobutane derivatives. P. L. Barrick. 2,437,289, Mar. 9.
Cylinder firing position locator used in adjusting valve clearance. G. W. Viers. 2,437,283, Mar. 9.
Dampening apparatus, Gas pulsation. F. M. Stephens. 2,437,446, Mar. 9.
Decoy. L. C. Hufford. 2,437,604, Mar. 9.
Delivery and dispensing apparatus, Beer. L. Schottgen and M. J. Parkerton. 2,437,618, Mar. 9.
Demand valve. F. E. J. Frye and E. A. Pollard. 2,437,462, Mar. 9.
Densitometer. C. M. Tuttle. 2,437,411, Mar. 9.
Dental operating lamp construction. E. H. Greppin. 2,437,516, Mar. 9.
Detergent composition. L. F. Henderson and B. L. Maxwell. 2,437,253, Mar. 9.
Device for computing lapse of time. C. F. Strate. 2,437,621, Mar. 9.
Device for conveying picked fruit from the hand to a remote receptacle. R. E. Faulkner. 2,437,461, Mar. 9.
Device for depositing material in well holes. J. D. Haynes. 2,437,663, Mar. 9.
Dial for resistance apparatus, Indicating. G. R. Greenslade. 2,437,355, Mar. 9.
Dial scale, switch operator, and position indicator, Combined. E. F. McDonald, Jr. 2,437,610, Mar. 9.
Diesel-electric vehicle with automatic field weakening of the driving motors. O. Schläpfer. 2,437,483, Mar. 9.
Differential twin chamber neutron meter. H. M. Parker. 2,437,476, Mar. 9.
Diode detector circuit. T. G. Anderson. 2,437,493, Mar. 9.
Dispenser: *See*—
Cigaret dispenser. Clothespin dispenser.
Cigarette dispenser.
Display device, Banner or pennant type of. J. Srofe. 2,437,444, Mar. 9.
Distillation from a film by diffusion into a gas stream. O. Denys. 2,437,594, Mar. 9.
Drainage ditch equipment. N. J. Schuster. 2,437,273, Mar. 9.
Drier: *See*—
Hair drier.
Drier for sheet material, Drum. J. S. Hill. 2,437,254, Mar. 9.
Drill and countersink tool. L. A. Smith. 2,437,364, Mar. 9.
Drilling fluids, Treatment of. A. D. Garrison. 2,437,297, Mar. 9.
Dryer: *See*—
Hair drier.
Dump attachment for vehicles. J. R. Steenhoven. 2,437,656, Mar. 9.
Dust separator. D. Dalin. 2,437,294, Mar. 9.
Dust separator and filter. R. E. Brown. 2,437,592, Mar. 9.
Dyestuff preparations containing an acid ester salt of a leuco vat dyestuff, a water-soluble acid amide and a salt of a quaternary amino acid. R. Ratti and P. Brandt. 2,437,554, Mar. 9.
Ear defender. N. A. Watson, P. S. Veneklasen, R. W. Leonard, and R. S. Gales. 2,437,490, Mar. 9.
Electric control device. T. S. and J. Briskin, and J. Golick. 2,437,591, Mar. 9.
Electric heater thermostatic switch control. P. B. Levitt and J. D. Morgan. 2,437,262, Mar. 9.
Electric motor speed controller. M. Morrison. 2,437,611, Mar. 9.
Electric motor system and controlling the same. J. Hornbostel. 2,437,428, Mar. 9.
Electric switch lock. W. C. McWhirter and G. V. Jefferson. 2,437,328, Mar. 9.
Electric welding ground. O. R. Abram. 2,437,633, Mar. 9.
Electrical heating apparatus for liquids. R. C. Belgau. 2,437,453, Mar. 9.
Electrical measuring apparatus. F. K. Floyd. 2,437,639, Mar. 9.
Electrical outlet construction. R. E. Wilson. 2,437,579, Mar. 9.
Electrical rectifier. L. K. Hedding. 2,437,322, Mar. 9.
Electrical servo system. A. V. Bedford. 2,437,313, Mar. 9.
Electroacoustical transducer. E. E. Turner, Jr. 2,437,282, Mar. 9.
Electrolytically zinc plating magnesium and magnesium base alloys. H. Osborg. 2,437,612, Mar. 9.
Electron discharge apparatus. A. M. Skellett. 2,437,274, Mar. 9.
Electron discharge device of the magnetron type. P. L. Spencer. 2,437,280, Mar. 9.
Embalming appliance. A. V. Cullen. 2,437,381, Mar. 9.
Emulsions containing a drying oil-ester resin copolymer. W. H. Butler. 2,437,293, Mar. 9.
End-loaded piezoelectric unit. H. M. Bach. 2,437,660, Mar. 9.
Engine control, Supercharged. E. B. Meripol. 2,437,546, Mar. 9.
Engine starting mechanism. R. M. Nardone. 2,437,400, Mar. 9.
Erythritol, Production of. F. J. Soday. 2,437,277, Mar. 9.
Fastening and holding device for doors, gates, and the like. C. J. Rice. 2,437,403, Mar. 9.
Film registering apparatus. G. F. Rackett. 2,437,361, Mar. 9.
Film registry means for motion-picture projectors. E. Boecking. 2,437,239, Mar. 9.
Fire control instrument. H. C. Ford. 2,437,463, Mar. 9.
Fish stringer. E. F. Murray and C. E. Hermann. 2,437,331, Mar. 9.
Fixture, Lamp. O. H. Van Amburg and J. M. Pistey. 2,437,569, Mar. 9.
Flame-heater cathode tube. Q. J. Wick. 2,437,576, Mar. 9.
Flaring tubing. J. R. Welshman. 2,437,285, Mar. 9.
Flashlight holder. E. A. Bernstein. 2,437,373, Mar. 9.
Flexible pipe coupling. W. S. Drinkwater. 2,437,246, Mar. 9.
Flexible pocket receptacle. G. Barton. 2,437,587, Mar. 9.
Flexilizer. W. A. Waldie. 2,437,369, Mar. 9.
Fluorohydrocarbons by reacting hydrogen fluoride with acetylenic hydrocarbons. L. F. Salisbury. 2,437,307, Mar. 9.
Fluoroprene, Making. L. F. Salisbury. 2,437,308, Mar. 9.
Flush tank. S. H. Moyer and L. R. Jensen. 2,437,435, Mar. 9.
Fly catching device. J. C. Tarbell. 2,437,447, Mar. 9.
Forced air circuit refrigerating apparatus. W. M. Baird. 2,437,452, Mar. 9.
Foundation garment. I. Rosner. 2,437,654, Mar. 9.
Frequency comparison apparatus. L. F. Mayle. 2,437,609, Mar. 9.
Fuse, Double. N. Werber. 2,437,310, Mar. 9.
Gage: *See*—
Absolute pressure gauge.
Garment cleaning machine. E. W. Pickett, Jr., and D. E. McMullen. 2,437,478, Mar. 9.
Gaseous mixtures, Separation of. R. B. Anderson. 2,437,288, Mar. 9.
Gasket and static seal, Packing. J. S. Aber. 2,437,586, Mar. 9.
Gasoline and other hydrocarbons from coconut oil and related animal and vegetable oils and fats, Producing. S. Petroff and A. E. Prats. 2,437,438, Mar. 9.
Gauge: *See*—
Absolute pressure gauge.
Generator: *See*—
Scanning reference generator.
Golf club grips. A. P. Robinson. 2,437,404, Mar. 9.
Graphic privacy system. J. V. L. Hogan and H. C. Ressler. 2,437,255, Mar. 9.
Grinder, Lens edge. R. C. Uhlemann. 2,437,567, Mar. 9.
Grinding wheel dresser. L. O. Greeley. 2,437,599, Mar. 9.
Guide for braider carriers, Yarn. J. P. King. 2,437,539, Mar. 9.
Hair drier. A. G. Thomas. 2,437,366, Mar. 9.
Hairpin. E. H. Butler. 2,437,502, Mar. 9.
Halter (for women). S. D. Koret. 2,437,541, Mar. 9.
Handbag frame assembly. S. Giordano. 2,437,597, Mar. 9.
Handbag provided with removable, washable cover. E. A. Czap. 2,437,382, Mar. 9.
Hand brake for railway cars. K. Williams. 2,437,491, Mar. 9.
Hanger: *See*—
Spring hanger.
Hanger and creaser, Trousers. H. C. Nelson. 2,437,437, Mar. 9.
Hardening of soil and the like. R. M. Hodgson. 2,437,387, Mar. 9.
Harness, Dog. J. T. Warren. 2,437,628, Mar. 9.
Harness motions. L. D. Cobb. 2,437,349, Mar. 9.
Heat exchange apparatus. J. E. Woods. 2,437,287, Mar. 9.
Heat to or from material on band conveyors, Transferring. W. H. Allen. 2,437,492, Mar. 9.
Heat-treatment for copper-nickel-cobalt permanent magnet alloys. J. D. Seaver. 2,437,563, Mar. 9.
Heater construction. L. N. Walter. 2,437,573, Mar. 9.
Helicopter steering surface control. E. L. Kirchoff. 2,437,324, Mar. 9.
High-frequency electrical transmission line. W. W. Salisbury. 2,437,482, Mar. 9.
High-frequency radiant energy apparatus. G. L. Tawny. 2,437,281, Mar. 9.
High-power microwave discharge tube. P. L. Spencer. 2,437,279, Mar. 9.
High-temperature cleaning of steel strip, including removing ferrous chloride therefrom. R. W. Hodil. 2,437,528, Mar. 9.

Hitch. J. Kuchar. 2,437,607, Mar. 9.
Holder: *See*—
Articulated bobbin holder. Razor blade holder.
Flashlight holder. Welding rod holder.
Honing and filing device. R. O. Hein. 2,437,641, Mar. 9.
Hosiery supporting means. E. J. Young. 2,437,583, Mar. 9.
Humidifying oxygen. J. A. Heidbrink and C. G. Herrick. 2,437,526, Mar. 9.
Hydraulic clutch control. F. L. Lawrence. 2,437,430, Mar. 9.
Hydraulic hoisting mechanism. E. Hall. 2,437,466, Mar. 9.
Hydraulic transmission. S. V. E. Taylor. 2,437,448, Mar. 9.
Hydrofluoric acid alkylation process. M. M. Marisic. 2,437,544, Mar. 9.
Impulse recording optical system. J. A. Maurer, Jr. 2,437,470, Mar. 9.
Indicator: *See*—
Specific gravity indicator.
Inflatable article. K. G. Hann. 2,437,602, Mar. 9.
Injector, Fuel. J. H. Holloway. 2,437,529, Mar. 9.
Inking and edge setting machine. G. W. Liberty. 2,437,431, Mar. 9.
Insecticidal compositions comprising a phenyl ester of caprylphenoxyacetic acid. W. F. Hester and W. E. Craig. 2,437,427, Mar. 9.
Insecticidal compositions from halocaprylphenoxyacetic acid. W. F. Hester and W. E. Craig. 2,437,527, Mar. 9.
Inspection periscope. G. S. Crampton. 2,437,458, Mar. 9.
Insulated wall construction for hulls, deck houses, and the like. A. J. Dawson. 2,437,509, Mar. 9.
Insulator and method of manufacturing same. D. H. Rowland. 2,437,559, Mar. 9.
Insulator and support for electrically charged fence wires. H. M. Behlmann. 2,437,344, Mar. 9.
Insulator, Electric fence. M. V. Redpath. 2,437,613, Mar. 9.
Iron: *See*—
Steam iron.
Isoprene esters. F. D. Jones. 2,437,258, Mar. 9.
Joint: *See*—
Pipe joint. Telescoping joint.
Joint for metal window frames. H. H. Goldberg. 2,437,598, Mar. 9.
Joint, Pipe. C. C. S. Le Clair. 2,437,543, Mar. 9.
Kitchen cabinet. J. Rose. 2,437,665, Mar. 9.
Knitting box. H. S. Chase. 2,437,503, Mar. 9.
Knockdown article and joint therefor. R. H. Anderson. 2,437,494, Mar. 9.
Knockdown metal chair. C. P. Molla. 2,437,303, Mar. 9.
Knockdown wrought iron chair. C. P. Molla. 2,437,304, Mar. 9.
Latch for sofa bed hinges. W. W. Wilson. 2,437,580, Mar. 9.
Latent image intensification with sulfur dioxide. W. J. Weyerts and C. W. Wiederhold. 2,437,412, Mar. 9.
Lathe. O. von Zelewsky. 2,437,570, Mar. 9.
Laundry centrifugal. C. O. Rasmüssen. 2,437,651, Mar. 9.
Leather skiving device. P. Sergio. 2,437,565, Mar. 9.
Lighter. H. C. Sundby. 2,437,623, Mar. 9.
Lighter, Pocket. B. H. Gostkowski. 2,437,354, Mar. 9.
Lighting system and lantern for use therein. P. E. Ferlin and E. Rambusch. 2,437,350, Mar. 9.
Loading machine. W. Whaley. 2,437,629, Mar. 9.
Locator. S. Berman. 2,437,455, Mar. 9.
Lock: *See*—
Electric switch lock.
Lock device. E. N. Jacobi. 2,437,299, Mar. 9.
Locker refrigerating system. W. M. Baird. 2,437,451, Mar. 9.
Loom for weaving pile fabric. E. F. Clark. 2,437,379, Mar. 9.
Loom stop motion. L. M. Rogers. 2,437,406, Mar. 9.
Low-temperature test chamber. A. B. Newton. 2,437,332, Mar. 9.
Machine for forming curved surfaces. E. O. Garnett. 2,437,596, Mar. 9.
Machine tool control. A. J. Hornfeck. 2,437,603, Mar. 9.
Magazine spinning gun for the production of filaments and fabrics. F. W. Manning. 2,437,264, Mar. 9.
Magnetic field measuring device. R. E. Burroughs. 2,437,374, Mar. 9.
Manufacture of anhydrous aliphatic acids from aqueous solutions thereof. H. M. Guinot and P. Chassaing. 2,437,519, Mar. 9.
Manufacture of infusion and injection fluids. A. J. T. Grönwall and B. G.-A. Ingelman. 2,437,518, Mar. 9.
Manufacture of new coloring matters. E. P. Goodings and M. A. T. Rogers. 2,437,465, Mar. 9.
Material-handling apparatus. O. K. Staiger. 2,437,486, Mar. 9.
Metal complexes of pyrazolone azo dyestuffs. R. S. Long and C. E. Lewis. 2,437,645, Mar. 9.
Metal oxide catalyst, Reducing a. J. W. Teter. 2,437,487, Mar. 9.
Meter: *See*—
Differential twin chamber neutron meter. Reflex thermal electric meter.
Meter with cylinders parallel to the drive shaft. D. S. Willson. 2,437,413, Mar. 9.
Mineral feed for animals and producing same. G. B. Smith. 2,437,666, Mar. 9.
Mitigating corrosion in wells. W. F. Oxford, Jr. 2,437,475, Mar. 9.
Mixing device, Fluid. D. P. Hamlet. 2,437,601, Mar. 9.
Motion picture film control device. A. Raskin, I. Fox, and H. Puls. 2,437,553, Mar. 9.
Nitriding. C. F. Floe. 2,437,249, Mar. 9.
Nozzle with fluid pressure-operated safety valve, Telescoping dispensing. A. R. Blink. 2,437,589, Mar. 9.
Oiling sheet metal, Method and apparatus. G. A. Kaufman. 2,437,606, Mar. 9.
Operating automatic frequency control, Intermittently. S. E. Miller. 2,437,268, Mar. 9.
Optical objective. A. Cox. 2,437,505, Mar. 9.
Oscillator controlled follow-up system. C. F. Coake. 2,437,661, Mar. 9.
Oxazolidones and making the same. A. H. Homeyer. 2,437,389, Mar. 9.
Para-tertiary amino phenyl aldehydes. C. D. Wilson. 2,437,370, Mar. 9.
Pedal attachment. S. R. Goodman, Jr. 2,437,320, Mar. 9
Petroleum crudes, Converting. E. H. Records. 2,437,439, Mar. 9.
Phasing network. N. W. Aram. 2,437,496, Mar. 9.
Phenols from hydrocarbon distillates by steam distillation, Separation of. D. W. Milner. 2,437,649, Mar. 9.
Phonographic apparatus. D. C. Rockola and I. Gil. 2,437,557, Mar. 9.
Pickup and delivery container. H. W. Ballard. 2,437,372, Mar. 9.
Pickup equipment, Emergency. W. H. Setz. 2,437,619, Mar. 9.
Picker, Drop box. H. M. Bacon. 2,437,342, Mar. 9.
Plant, Concrete mixing. G. Maxon, Jr. 2,437,302, Mar. 2.
Plant, Hydraulic. M. F. Gunning. 2,437,520, Mar. 2.
Plant, Jet propulsion. F. B. Halford. 2,437,385, Mar. 9.
Plastic contact lenses, Making. J. E. Mullen. 2,437,436, Mar. 9.
Plates for runways in spiral chutes and the like, Forming. F. Kautz. 2,437,259, Mar. 9.
Pliers, Cable bending. E. P. McNair. 2,437,433, Mar. 9.
Plotting and computing device. R. P. Curtis. 2,437,243, Mar. 9.
Plow assembly mount. R. J. Wray. 2,437,581, Mar. 9.
Plug and fuse attachment. J. R. S. Arentz. 2,437,635, Mar. 9.
Pocketbook having all exposed surfaces finished. M. Jackler. 2,437,534, Mar. 9.
Polymerization of substituted indene. F. J. Soday. 2,437,278, Mar. 9.
Post binder mechanism. J. Schade. 2,437,617, Mar. 9.
Power excavating apparatus. L. N. Walter. 2,437,572, Mar. 9.
Precision radio remote control system. E. L. Rockwood. 2,437,558, Mar. 9.
Preparation for the care of the skin. F. Schaaf. 2,437,561, Mar. 9.
Preparation of dipentaery-thritol hexanitrate. J. A. Wyler. 2,437,582, Mar. 9.
Preparation of improved drying oils. E. S. Barnitz. 2,437,343, Mar. 9.
Pressure gage and switch, Balanced. D. L. Rigden. 2,437,440, Mar. 9.
Pressure switch. W. L. W. Ogden and W. R. Ryan. 2,437,473, Mar. 9.
Process and die for extruding tubular plastic products. G. F. Taylor. 2,437,625, Mar. 9.
Production of filaments from solids, Method and apparatus for the. F. W. Manning. 2,437,263, Mar. 9.
Products of cholesteryl esters with polyethylene glycol and producing same, Condensation. L. L. Lerner. 2,437,261, Mar. 9.
Projector control device, Movie. G. K. Gould. 2,437,252, Mar. 9.
Propeller for airships and housing therefor, Auxiliary. M. Gliwa. 2,437,353, Mar. 9.
Protector for boilers, Seam. J. E. Anderson. 2,437,634, Mar. 9.
Puller: *See*—
Weed puller.
Pulses of modulated current, Supplying. P. N. Bossart. 2,437,315, Mar. 9.
Pump. R. F. Urso. 2,437,568, Mar. 9.
Push button switch. G. L. Rees. 2,437,555, Mar. 9.
Quick-freezing foods, Method and apparatus for. J. A. Archbald, Jr. 2,437,414, Mar. 9.
Radar device. M. K. Witt. 2,437,286, Mar. 9.
Radio dial display device. M. Ramsay. 2,437,306, Mar. 9.
Radio direction finder and homing device, Stabilized. C. A. Frische, T. M. Ferrill, Jr., and J. M. Slater. 2,437,251, Mar. 9.
Ramp, Vehicle loading. E. C. Price. 2,437,479, Mar. 9.
Range Electric. W. J. Carter. 2,437,376, Mar. 9.
Rattrap. A. C. Fleig. 2,437,248, Mar. 9.
Razor blade holder. W. Tischendorf. 2,437,337, Mar. 9.
Receptacle: *See*—
Flexible pocket receptacle.
Reciprocatory motion, Effecting. P. R. Hoopes. 2,437,530, Mar. 9.
Reclaiming used metal molds. C. R. Tinsley. 2,437,626, Mar. 9.
Recorder, Hangfire. H. Smith and J. V. Dunham. 2,437,276, Mar. 9.

Refining of hydrocarbon oil containing mercaptans. K. M. Brown and C. G. Gerhold. 2,437,348, Mar. 9.
Reflex thermal electric meter. M. E. Ames, Jr., and D. E. Sunstein. 2,437,449, Mar. 9.
Refrigerating and air conditioning apparatus. E. D. Bookman. 2,437,417, Mar. 9.
Refrigerator and maintaining the compartments thereof at different temperatures. H. K. Johnson. 2,437,257, Mar. 9.
Reinforcing tabs for loose-leaf sheets, Strip of severable. C. E. Hedrick, Sr. 2,437,640, Mar. 9.
Resin compositions, Heat-stable plasticized. H. J. West and H. M. Enterline. 2,437,657, Mar. 9.
Roentgenographic inspection, Method of and apparatus for. J. J. Moynihan. 2,437,472, Mar. 9.
Roller, Top spinning. J. Rockoff. 2,437,362, Mar. 9.
Roof, Lifter. H. C. Boardman. 2,437,238, Mar. 9.
Rosin derivatives. A. L. Rummelsburg. 2,437,481, Mar. 9.
Rubber compositions containing octadecane nitrile. J. H. Kelly, Jr. 2,437,538, Mar. 9.
Ruler, Parallel. J. Lachmund. 2,437,469, Mar. 9.
Safety attachment for billfolds. H. E. Stonebraker. 2,437,566, Mar. 9.
Sanding device for railway rolling stock. N. E. Gee. 2,437,384, Mar. 9.
Scanning reference generator. M. Skene and C. H. Gulles. 2,437,275, Mar. 9.
Scoop board for vehicle boxes. C. B. Richey. 2,437,614, Mar. 9.
Scraper, Meat. N. Gambino and N. LaRosa. 2,437,316, Mar. 9.
Selective disconnection of aileron controls. R. A. Flynn. 2,437,250, Mar. 9.
Separation of neutral fat from tall oil. A. G. Houpt. 2,437,643, Mar. 9.
Separator: *See*—
Dust separator.
Setscrews in bearing innerraces, Retaining. A. G. Nickle. 2,437,305, Mar. 9.
Shade, Lamp. M. S. Brockman. 2,437,292, Mar. 9.
Sharpening device for lawn mowers. A. Sporket. 2,437,443, Mar. 9.
Sight for firearms. E. C. Smith. 2,437,363, Mar. 9.
Skid runner attachment for vehicles. R. D. Stryker. 2,437,622, Mar. 9.
Slicing, cutting, and core-removing machine. E. W. Bridge. 2,437,637, Mar. 9.
Slitting and punching attachment for piece-end sewing machines. W. N. Hadley. 2,437,662, Mar. 9.
Slot, Air tight mail. P. T. Gable and W. C. Weiss. 2,437,319, Mar. 9.
Snowplow. R. B. Bourne. 2,437,291, Mar. 9.
Social and business card display, Cooperative. C. V. Berry. 2,437,415, Mar. 9.
Solvent extraction of hydrocarbons. A. C. McKinnis. 2,437,357, Mar. 9.
Sound reverberating device. J. D. Stack. 2,437,445, Mar. 9.
Space discharge device. W. C. Brown. 2,437,240, Mar. 9.
Specific gravity indicator. K. Fischer. 2,437,247, Mar. 9.
Spectacles. F. C. P. Henroteau. 2,437,642, Mar. 9.
Speed governor. R. R. Lobosco. 2,437,301, Mar. 9.
Splice, Cable. R. N. Mowery. 2,437,358, Mar. 9.
Spotlight. H. Handler. 2,437,522, Mar. 9.
Stabilizing methyl-substituted polysiloxanes. C. A. Burkhard and W. I. Patnode. 2,437,501, Mar. 9.
Steam generators and automatic feed systems for such generators, Regulating. J. Loumiet et Lavigne. 2,437,327, Mar. 9.
Steam iron. G. Waage. 2,437,571, Mar. 9.
Steel wool machine. G. B. Galvin. 2,437,424, Mar. 9.
Steering device. E. B. White. 2,437,575, Mar. 9.
Steering gear for wheeled vehicles. T. A. Bowe. 2,437,590, Mar. 9.
Stroboscopic light valve checking machine. J. P. Corcoran. 2,437,419, Mar. 9.
Stud and installation thereof. E. R. Evans. 2,437,638, Mar. 9.
Suction device for removing dust from fabric or the like. A. J. Zugehoer. 2,437,340, Mar. 9.
Sulfofluorides of azoic dyestuffs. H. Z. Lecher, R. P. Parker, and C. M. Hofmann. 2,437,644, Mar. 9.
Support: *See*—
Bedspring support.
Support. J. K. Wood. 2,437,631, Mar. 9.
Surgical instrument for curetting. F. J. Moore. 2,437,329, Mar. 9.
Switch: *See*—
Pressure switch. Push button switch.
Swivel harness, Child's. B. Zimmern. 2,437,585, Mar. 9.
Synchronous driving apparatus. L. J. Koci. 2,437,892, Mar. 9.
Synthesis of aldehydes. W. F. Gresham, R. E. Brooks, and W. M. Bruner. 2,437,600, Mar. 9.
Tamping roller, Self-propelled. J. F. Harrison and C. F. Greiner. 2,437,524, Mar. 9.
Tampon, sanitary napkin, surgical dressing, insulating material, filter cartridge, upholstery, and the like. F. W. Manning. 2,437,265, Mar. 9.
Tank: *See*—
Flush tank.
Telemetering transmitter. R. A. Cole and D. I. Smith. 2,437,242, Mar. 9.
Telephone stand and memo pad and pencil, Combination illuminated. S. J. Beltch and S. Fine. 2,437,237, Mar. 9.
Telescopic firearm. G. W. Patchett. 2,437,548, Mar. 9.
Telescoping joint. A. V. Ditty. 2,437,510, Mar. 9.
Television image tube. M. Cawein. 2,437,418, Mar. 9.
Temperature compensated variable inductance. J. F. Bell. 2,437,345, Mar. 9.
Temperature control system. R. H. Hunter. 2,437,468, Mar. 9.
Thermal control for gluing structural assemblies and other purposes. H. Ulanet. 2,437,488, Mar. 9.
Thiamin dioctyl sulfo succinate. J. B. Conn. 2,437,504, Mar. 9.
Time controlling mechanism. C. E. J. Nilson. 2,437,401, Mar. 9.
Timing device. M. H. Rhodes. 2,437,556, Mar. 9.
Tire mounting apparatus, Circumferentially travelling roller type, support mounted. I. J. Ekse. 2,437,512, Mar. 9.
Tool: *See*—
Abrading tool. Drill and countersink tool.
Tool. H. S. Forsberg. 2,437,296, Mar. 9.
Tool. R. Martines. 2,437,432, Mar. 9.
Tool for cutting insulation on electric conductors. G. G. Givens. 2,437,514, Mar. 9.
Tool handle fastening. G. R. Hess. 2,437,426, Mar. 9.
Toroidal winding machine. J. G. Veatch. 2,437,309, Mar. 9.
Tower, Cooling. E. W. Simons. 2,437,484, Mar. 9.
Toy. E. S. Siwiec. 2,437,442, Mar. 9.
Toy gymnasium for baby cribs. L. H. Burlin. 2,437,241, Mar. 9.
Track for vehicles, Endless. L. W. Tripp. 2,437,338, Mar. 9.
Traction lug for automotive vehicles. V. E. Koeppel. 2,437,325, Mar. 9.
Translating device. W. A. Marrison. 2,437,266, Mar. 9.
Translating device and making it. R. S. Ohl. 2,437,269, Mar. 9.
Transmission. H. R. Greenlee. 2,437,517, Mar. 9.
Transmission. W. L. Pollard. 2,437,333, Mar. 9.
Transmission mechanism. J. O. Berndtson. 2,437,314, Mar. 9.
Transmitter or receiver, Magnetostrictive compressional wave. R. L. Peek, Jr. 2,437,270, Mar. 9.
Transmitting system, Television and sound. E. Labin. 2,437,300, Mar. 9.
Trap: *See*—
Animal trap.
Treating wells, Method of and apparatus for. A. G. Bodine, Jr. 2,437,456, Mar. 9.
Trouser-creasing apparatus. L. F. Clements. 2,437,457, Mar. 9.
Truck, Snubbed. R. C. Pierce. 2,437,359, Mar. 9.
Tube: *See*—
Annular electronic tube. Television image tube.
Flame-heater cathode tube.
High-power microwave discharge tube.
Turret traversing mechanism. V. E. Matulaitis and T. Javelli. 2,437,646, Mar. 9.
2-chloroethylcyclopropyl ether and preparing it. R. M. Vance and A. G. Horney. 2,437,368, Mar. 9.
2-oxazolidone compounds and preparing the same. A. H. Homeyer. 2,437,388, Mar. 9.
2-oxazolidone compounds and preparing the same. A. H. Homeyer. 2,437,390, Mar. 9.
Undergarment for ladies or children. E. Donaldson and J. Gibney. 2,437,511, Mar. 9.
Valve: *See*—
Demand valve.
Valve. C. A. Pugh, D. G. Booth, and R. W. Rough. 2,437,480, Mar. 9.
Valve construction. F. A. Quiros. 2,437,552, Mar. 9.
Valve-in-head rotary internal-combustion engine embodying a rotary piston with radial sliding vanes and having a combustion chamber in the head. E. W. Rich. 2,437,653, Mar. 9.
Valve mechanism for actuating the distributing valve of an expansible chamber motor, Quick-acting. V. G. Klein and R. F. Schneller. 2,437,391, Mar. 9.
Vanity case. F. M. Williamson. 2,437,578, Mar. 9.
Variable incidence wing control for aircraft of the rotary wing or airplane sustained type. A. S. Mullgardt. 2,437,330, Mar. 9.
Variable-speed drive for propellers. E. R. Herring and C. P. Sander. 2,437,467, Mar. 9.
Variable speed transmission. H. Klaucke. 2,437,540, Mar. 9.
Vehicle windshield construction. H. A. Hicks. 2,437,664, Mar. 9.
Vending machine. R. T. Wright. 2,437,311, Mar. 9.
Vibrator attachment for electric razor actuating instruments. O. R. Palmer, Jr. 2,437,402, Mar. 9.
Vise, Quick adjustable bench. J. A. and J. Follmer. 2,437,351, Mar. 9.
Voting machine. A. N. Gustavson. 2,437,521, Mar. 9.
Vulcanizable copolymers of a vinyl aryl compound, butadiene, and vinyl ethers. G. F. D'Alelio. 2,437,420, Mar. 9.
Vulcanizable copolymers of acrylonitrile, butadiene, and vinyl ethers. G. F. D'Alelio. 2,437,421, Mar. 9.

Washing machine, Clothes. J. G. Becker. 2,437,636, Mar. 9.
Weaving, Method of and apparatus for. E. F. Clark. 2,437,378, Mar. 9.
Weed puller. L. F. Kramer. 2,437,393, Mar. 9.
Weighting motion for drafting rollers. J. Schofield, Jr. 2,437,562, Mar. 9.
Welding rod holder. R. R. Reddick. 2,437,652, Mar. 9.
Wheel for vehicles, Track. O. Singer. 2,437,407, Mar. 9.
Windmill. R. D. Bourne. 2,437,346, Mar. 9.
Wire-contacting insulator assembly, Reinforced. R. Case. 2,437,593, Mar. 9.
Wire pay-off mechanism. M. F. Williams and S. B. Galit. 2,437,630, Mar. 9.
Work-holding and guiding mechanism for sewing machines. I. Sutker. 2,437,624, Mar. 9.
Wrapping paper control mechanism. O. Sandberg. 2,437,560, Mar. 9.
Wrench with oppositely-threaded screw adjustment, Sliding jaw. T. L. Mayrath. 2,437,267, Mar. 9.

CLASSIFICATION OF PATENTS

ISSUED MARCH 9, 1948

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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This list shows the correct classification of those patents wherein the classification given in the patent head has been changed.

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Classification of Designs

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DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Appeals for the District of Columbia

No. 9422

AMOS T. KNUTSON ET AL.

v.

JIMMIEBEL GALLSWORTHY, AS EXECUTRIX OF THE ESTATE OF THE DECEASED, BENJAMIN GALLSWORTHY, ET AL.

No. 9423

AMOS T. KNUTSON ET AL.

v.

JOHN W. WOLFE, ADMINISTRATOR DE BONIS NON OF ALFRED HENRIKSEN, ET AL.

No. 9424

AMOS T. KNUTSON ET AL.

v.

CASPER W. OOMS, COMMISSIONER OF PATENTS, ET AL.

No. 9525

AMOS T. KNUTSON ET AL.

v.

CASPER W. OOMS, COMMISSIONER OF PATENTS, ET AL.

No. 9426

AMOS T. KNUTSON ET AL.

v.

JOHN W. WOLFE, ADMINISTRATOR DE BONIS NON OF ALFRED HENRIKSEN, ET AL.

No. 9427

AMOS T. KNUTSON ET AL.

v.

CASPER W. OOMS, COMMISSIONER OF PATENTS, ET AL.

No. 9428

SAMUEL J. COHEN

v.

JIMMIEBEL GALLSWORTHY, AS EXECUTRIX OF THE ESTATE OF THE DECEASED, BENJAMIN GALLSWORTHY, ET AL.

No. 9429

SAMUEL J. COHEN

v.

JOHN W. WOLFE, ADMINISTRATOR DE BONIS NON OF ALFRED HENRIKSEN, ET AL.

No. 9430

SAMUEL J. COHEN

v.

AMOS T. KNUTSON ET AL.

[164 F.2d 497; 74 USPQ 324]

Argued April 11, 1947. Decided September 15, 1947

1. INTERFERENCE—SUIT UNDER R. S. 4915—ISSUES INVOLVED.

While it is true that in a direct appeal from a decision of the Patent Office in an interference proceeding only the question of priority is involved, this is not true in equity suits brought in the district court under sec. 4915 R. S., because of the rule established by the Supreme Court in *Hill* v. *Wooster*, 132 U. S. 693; that no decree should authorize the issuance of a patent to either party to the interference unless invention is present.

2. SAME—SAME—PATENTABILITY AN ISSUE.

Patentability is a proper issue in a proceeding under section 4915 R. S. and, if raised, must be decided, even though the Patent Office decision from which the case arose was in an interference proceeding.

3. PATENTABILITY—ELEMENTS THEREOF.

The elements of patentability as provided by the statute are not one but several. They include not only a patentable subject matter but also other characteristics, among them novelty. The invention must be "new" and "not described in any printed publication" before the claimed invention. In addition, the statute provides that the person who has invented the new art, etc., may obtain a patent and thus confines patentability to that one person.

4. INTERFERENCE—SUIT UNDER R. S. 4915—PATENTABILITY AS TO PRIOR ART AND PERSON.

Under the general rule that the court in an action under R. S. 4915 must determine patentability, the court must determine the disputed features of patentability in this case, which are (1) whether the claims are patentable over the disclosures in prior art references, and (2) whether the several claims are patentable to different persons.

5. SAME—SAME—QUESTIONS OF SCIENTIFIC FACT.

This court cannot decide questions of scientific fact upon the basis of its own knowledge or upon standard generalized authorities, in the absence of findings of fact by the district court or the Patent Office based upon evidence in the record.

6. SAME—RULE 95—PRESUMPTION OF PATENTABILITY.

Though decisions required by Rule 95 as to patentability and as to the ability of each party to make the counts are within the duties of the Primary Examiners, subject to review by the Board of Appeals, and though as to each of the eleven counts involved in the four interferences, it was affirmatively recited, in general terms, by the Primary Examiner or by the Board that both requisites were fulfilled, *Held* that we cannot accept these rulings as controlling upon the question of patentability over a particular patent or to particular persons.

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7. SAME—SAME—SAME.

We will not infer from the bare announcement that a given claim is "allowable," that the Examiner or the Board meant to find that the claim was patentably distinct from another claim not involved in that proceeding, or that he, or it, meant to find patentability over a prior art reference which was not mentioned.

8. SAME—GENERIC AND SPECIFIC COUNTS.

Though it may very well be that the counts are so distinct as that the holder of a patent on the generic "composition of matter" is entitled to state separately in the same patent a claim to specified uses of the same substance, in which sense, the two claims may be patentably distinct, *Held* that it does not follow that they are so distinct as to authorize the issuance of separate patents to separate persons.

9. INTERFERENCE—SUIT UNDER R. S. 4915—FINDING OF PATENTABILITY NECESSARY.

In action under R. S. 4915, where district court made no findings of fact except to say that the findings of the Patent Office would not be disturbed, and such findings did not indicate patentability over a particular prior art patent or to particular inventors, *Held* that the case will be reversed and remanded for further findings of fact by the trial court with respect to the underlying chemical facts which will support conclusions of fact as to the patentability of each of the counts involved in this appeal.

10. SUITS UNDER R. S. 4915—PROCEDURE IN ASCERTAINING AND FINDING SCIENTIFIC FACTS.

When a court is required to adjudicate rights based upon the premise of scientific facts, it ought not to be restricted to partisan or chance evidence, and if witnesses presented by the parties are not of a calibre to be satisfactory in the presentation of scientific data, the court should exercise the full extent of its control over the proceedings to insure its own accurate understanding of the requisite facts, as by suggesting to the private parties the necessity for disinterested, qualified evidence, obtaining an agreed statement of the underlying scientific facts, or, as a last resort, exercising the power of subpoena sua sponte.

11. SAME—SAME.

It would be helpful if the trial court could remand the cases to the Patent Office for further findings of fact, but we have been unable to find authority for such a remand in a proceeding under section 4915.

12. INTERFERENCE — REDUCTION TO PRACTICE — LUBRICANT—CRITERIA.

In establishing a reduction to practice of a lubricant, *Held* that both laboratory tests and actual service tests are necessary, but *Held* that since the cases are remanded for further findings, the district court will not be foreclosed upon this point of fact, but findings upon this point should be made.

13. SAME—SAME—SAME—SAME.

Mere mixing of the two ingredients, lubricating oil and a chlorinated paraffin hydrocarbon, without more, *Held* not a demonstrated equivalent to a reduction to practice, since it was necessary that it be demonstrated that the mixture possessed usefulness as a lubricant not possessed by the oil alone, and that tests were thus necessary.

14. SUITS UNDER R. S. 4915—NEW EVIDENCE.

Though the rule is well settled that new and additional evidence may be received in a civil action under section 4915, and it is equally well settled that a party may not successfully offer to the court evidence withheld from the Patent Office, *Held* that where the evidence is of facts scientific in nature and where such evidence would assist the court, it should not consider itself bound by a rule excluding evidence not offered to the Patent Office.

APPEALS from the District Court of the United States for the District of Columbia.

REVERSED AND REMANDED.

Mr. Oscar C. Limbach, of the Bar of the State of Ohio, pro hac vice, by special leave of Court, with whom *Mr. Almon S. Nelson* was on the brief, for Amos T. Knutson et al.

Mr. William D. Burrows, of the Bar of the State of New York, pro hac vice, by special leave of Court, with whom *Mr. Vernon M. Dorsey* was on the brief, for Samuel J. Cohen.

Mr. Benjamin B. Schneider, with whom *Messrs. Lee B. Kemon, R. J. Dearborn, Daniel Stryker* and *Max Dressler* were on the brief, for Jimmiebel Gallsworthy and The Texas Company.

Mr. Edwin R. Hutchinson entered an appearance for appellees John W. Wolfe et al.

Mr. Edwin L. Reynolds, United States Patent Office, entered an appearance for appellee Casper W. Ooms.

Before EDGERTON, WILBUR K. MILLER and PRETTYMAN, Associate Justices

PRETTYMAN, *J.:*

These are nine appeals from judgments in six[1] civil actions brought in the district court under R. S. 4915,[2] praying authorizations for the issuance of patents. The actions were consolidated for trial below and for argument and decision here. The invention is a chemical composition suitable as an extreme pressure lubricant. The controversies arose in four interference proceedings among applicants in the Patent Office, finally involving eleven claims or counts. Priority as to one count was awarded by the Patent Office to applicants Morell et al.,[3] as to three counts to applicant Cohen, and as to the other seven counts to applicant Gallsworthy. The district court reached and entered conclusions that Cohen and Gallsworthy were entitled to receive patents upon all counts awarded to them by the Patent Office and that Gallsworthy was entitled to receive a patent on the count initially awarded to Morell. It therefore dismissed all the bills of complaint, together with the cross-claims and counterclaims, except that in one action[4] it reversed the decision of the Patent Office and authorized the issuance of a patent to Gallsworthy on the one claim which had been awarded by the Patent Office to Morell. The latter's motion to reopen was denied.

[1] We are met first with the question whether the court must decide in this proceeding the patentability of the several claims involved. It is true that in a direct appeal from a decision of the Patent Office in an interference proceeding, only the question of priority is involved,[5] but this is not true in equity suits brought in the district court under section 4915.[6] This latter rule—specifically that no decree should authorize the issuance of a patent to either party to the interference unless invention is present—was established by the Supreme Court in 1890 in *Hill* v. *Wooster*.[7] That case was referred to and distinguished recently in *Hoover Co.* v. *Coe*,[8] but it is not our understanding that it was overruled, although there is language in the later opinion which may reflect a view contrary to the earlier one. For example, the Court said that "the effect of adjudication in equity [is] the same as that of decision on appeal,"[9] which would seem to imply that in an R. S. 4915 proceeding the court might decide one question—such as priority—and leave all other questions for other determination, as does the Court of Customs and Patent Appeals.[10] Again, the Court referred to cases in which Federal courts have taken jurisdiction under section 4915, "where it affirmatively appeared that further proceedings in the Patent Office would be necessary following adjudication in favor of the applicant, and where though it did not appear of record that further proceedings would be required in the Patent Office, it was evident that they might ensue adjudication, as where a patent was denied for want of invention."[11] We have reexamined the cases cited by the Court to the foregoing, but in none of them does it appear that the trial court declined to pass upon an issue raised in the pleadings before it. *Hoover Co.* v. *Coe*, supra, was concerned with jurisdiction to entertain a complaint, and not with jurisdiction over questions raised by the pleadings once the action itself is held proper. The answer to the specific question involved seems to be the full extent of the decision of the Supreme Court. The Court left the rull of *Hill* v. *Wooster*, supra, intact, distinguishing that case by saying:

"That case was one in which the Commissioner had decided an interference between the claims of two applicants in favor of one of them, and ordered that a patent issue. In an inter partes suit by the unsuccessful applicant against the successful one, this Court held that if it appeared that neither application disclosed invention (a matter which should have moved the Commissioner not to declare an interference) the bill should be dismissed. The Court did not purport to decide what Patent Office rulings are reviewable under R. S. 4915."

Moreover, in a footnote, the Court said:

"Section 16 of the act of 1836, 5 Stat. 123, supra, expressly provided that upon a bill filed as a result of Patent Office decision on an interference the court might adjudge either of the patents void in whole or in part. This language was evidently omitted in later acts as surplusage, for obviously if either patent was void for lack of invention or other cause, the question of interference disappeared."

This last-quoted language is a clear indication that if there be a dispute as to the validity of a patent upon an application involved in an interference proceeding, the Court must not enter an affirmative decree unless it finds that invention is present. We note also that the Court referred with apparent approval to the decision of this court in *Radtke Patents Corp.* v. *Cole*,[12] in which we held that if an issue as to patentability is raised in the district court in an action under R. S. 4915, it must be decided. In the case at bar, the issue of patentability was raised in the district court and is raised here, and so must be decided.

[2] We fully realize that the consequences of the rule just indicated, when coupled with the doctrine of res judicata, may be far-reaching. That doctrine imposes finality of decision not only upon issues actually raised but upon issues which might have been raised. *Fishgold* v. *Sullivan Drydock & Repair Corp.*, 328 U. S. 275, 282, 90 L. Ed. 961, 66 S. Ct. 1105 (1946). Thus, it would seem that if any question as to the issuance of a patent can be raised in a section 4915 proceeding, all questions as to that issuance would be foreclosed by the decision, in so far as the parties to the proceeding are concerned. We also realize that the consequences of res judicata in these circumstances may be in conflict with implications in *Hoover Co.* v. *Coe*, supra, that further proceedings in the Patent Office may occur after judgment in a section 4915 proceeding. But we do not have a res judicata question before us. We go only so far as to say that patentability is a proper issue in a proceeding under section 4915 and, if raised, must be decided, even though the Patent Office decision from which the case arose was in an interference proceeding. Nonpatentability is "a matter which should have moved the Commissioner not to declare an interference."[13]

Upon these appeals, Morell contends that none of the claims involved is patentably distinct from the disclosures of a so-called "Lincoln patent"[14] and that certain of the claims are unpatentable over others. Cohen makes the same contention as to the Lincoln patent and also says that none of the claims is patentable over the broad claim titled "composi-

[1] Civil Actions Nos. 19,801, 20,052 and 20,053, appealed by Morell and by Cohen; Nos. 23,872, 23,873 and 23,874, appealed by Morell.

[2] Rev. Stat. § 4915 (1870), 53 Stat. 1212 (1939), 35 U. S. C. A. § 63 (1940).

[3] Morell et al., were LeGrand Morell and Amos T. Knutson and their assignee. Their interest was designated in the Patent Office as "Morell et al.," and we shall designate it "Morell" in this opinion. LeGrand Morell now being deceased, this interest is named in the captions of these appeals and in the briefs as "Amos T. Knutson et al."

[4] Civil Action No. 19,801.

[5] This was the rule under the old procedure, when the direct appeal was to the Supreme Court of the District of Columbia and, by later statute to this court. *Frasch* v. *Moore*, 211 U. S. 1, 53 L. Ed. 65, 29 S. Ct. 6 (1908); *Hill* v. *Hodge*, 12 App. D. C. 528 (1898); *Lynch* v. *Headley*, 52 App. D. C. 269, 285 Fed. 1003 (1923), 307 O. G. 737; *Prichard* v. *Setzler*, 54 App. D. C. 266, 296 Fed. 1013 (1924), 321 O. G. 706. It is still the rule under the new procedure, where direct appeal is to the Court of Customs and Patent Appeals. *Hendrickson & Nelson* v. *Ronning*, 76 F.2d 137 (CCPA 1935), 458 O. G. 4; *Walsh* v. *Davidson*, 101 F.2d 224 (CCPA 1939), 502 O. G. 569; *Rava* v. *Charlton*, 105 F.2d 798 (CCPA 1939), 509 O. G. 3; *Mantz* v. *Jackson*, 140 F.2d 161 (CCPA 1944), 561 O. G. 3; *Koch* v. *Lieber*, 141 F.2d 518 (CCPA 1944), 564 O. G. 539.

[6] *Triplett* v. *Line Material Co.*, 133 F.2d 533, 534 (C. C. A. 7th 1943); *Radtke Patents Corp.* v. *Coe*, 74 App. D. C. 251, 122 F.2d 937 (1941), 535 O. G. 3, cert. denied, 314 U. S. 695, 86 L. Ed. 556, 62 S. Ct. 411 (1941) (cited with approval in *Hoover Co.* v. *Coe*, 325 U. S. 79, 90, 89 L. Ed. 1488, 65 S. Ct. 955 (1945), 576 O. G. 393).

[7] 132 U. S. 693, 33 L. Ed. 502, 10 S. Ct. 228 (1890), 50 O. G. 560.

[8] 325 U. S. 79, 89 L. Ed. 1488, 65 S. Ct. 955 (1945), 576 O. G. 393.

[9] *Id.* at 88.

[10] *Walsh* v. *Davidson*, 101 F.2d 224 (CCPA 1939), 502 O. G. 569; *Rava* v. *Charlton*, 105 F.2d 798 (CCPA 1939), 509 O. G. 3.

[11] *Hoover Co.* v. *Coe*, supra at 89.

[12] 74 App. D. C. 251, 122 F.2d 937 (1941), 535 O. G. 3, cert. denied, 314 U. S. 695, 86 L. Ed. 556, 62 S. Ct. 411 (1941).

[13] *Hoover Co.* v. *Coe*, supra at 90.

[14] Patent No. 1,945,615, issued February 6, 1934, upon an application filed July 14, 1932, by Bert H. Lincoln and Alfred Henriksen.

tion of matter" and designated as Count 1 in Interference No. 78,460. Gallsworthy contends that the counts in the several interferences obviously differ in scope, that the Lincoln patent does not in fact disclose the subject matter of the claims here involved, and that all questions as to patentability were decided by the Patent Office and the district court, the findings of which were supported by substantial evidence.

[3] The elements of patentability as provided by the statute[15] are not one but several. They include not only a patentable subject matter but also other characteristics, among them novelty. The invention must be "new" and "not described in any printed publication" before the claimed invention. It is not disputed in the present case that the subject matter of the claimed invention is within the patentable matters enumerated in the statute, but a dispute is presented as to the novelty of these claims in view of the prior art, the core of the dispute being the effect of the disclosures in certain publications prior to the pending applications. In addition, the statute, in prescribing the basic requisites to the issuance of a patent, provides that the person who has invented the new art, etc., may obtain a patent, and thus confines patentability to that one person. That consideration is pertinent to patentability in the present case, because a dispute exists here as to whether one person can obtain a patent on a specific claim to a composition of matter which is identical in its ingredients with a generic claim patented to another. The question is whether the eleven claims in the case involve only one invention and are therefore patentable to only one inventor,[16] or whether they involve several inventions, of which there may be different inventors. [4] Thus, the disputed features of patentability in this case are (1) whether the claims are patentable over the disclosures in prior art references and (2) whether the several claims are patentable to different persons. We think that under the general rule that the court, in an action under R. S. 4915, must determine patentability, the court must determine these disputed features of patentability, just as it might have to decide any other disputed issue concerning invention. This requirement of decision by the court rests not only upon the authorities above mentioned, but also upon reason. A court could not, as required by section 4915, adjudge that a named person "is entitled, according to law, to receive a patent for his invention" if in demonstrable fact the statute does not permit the patent to that person. We are not dealing with the problem of prior art references newly discovered after the court's adjudication,[17] but with issues present in the case from its inception. To hold otherwise would be to hold that the court should decide one issue presented to it but close its eyes to others equally determinative of the ultimate adjudication.

The district court made no findings upon the subject of patentability in the present case except to say that, no new evidence having been introduced in that court, the finding of the Patent Office upon that matter would not be disturbed.[18] In this absence of underlying findings by the district court, and in the presence of that court's specific adoption of the conclusion of the Patent Office, we turn back to the findings of the Patent Office for a basis of decision upon the point. The records of the proceedings in the Patent Office are in the present record as exhibits. But we are unable to find in the Patent Office records either definitive conclusions of patentability, in terms of the controverted issues, or findings of the underlying facts from which a definitive conclusion could be reached.

The "Lincoln patent" application, filed July 14, 1932, disclosed[19] a high-pressure lubricant which consisted of an ordinary lubricant plus halogenized high boiling hydrocarbons, or, more specifically, 1% chlorinated hydrocarbon wax with a melting point of about 130° F., the wax being from animal, vegetable or petroleum origin. The eleven counts in the present proceeding are variously titled. The chief component in all of them is an ordinary lubricating oil, and the additives in them are all chlorinated. But these additives are described, respectively, as a paraffin hydrocarbon, a fluid fraction of petroleum, non-volatile mineral oil, mineral lubricating oil, lubricating oil free from sulphur, mineral oil, and kerosene.[20] In the Patent Office, priority as to the claim for "A composition of matter" of which the ingredients were a mineral lubricating oil and a non-volatile chlorinated paraffin hydrocarbon (Count 1 in Interference No. 78,460), was awarded to Morell. At the same time, a claim, likewise titled "A composition of matter," consisting of a mineral lubricating oil and "chlorine in chemical combination with a fluid fraction of petroleum" (Count 2 in Interference No. 78,460), was awarded to Gallsworthy. And two counts titled "A metal cutting composition"—but identical in ingredients with the two foregoing counts—(Counts 2 and 5 in Interference No. 75,209), were awarded to Cohen. A count titled "A lubricating composition," of which the ingredients were an unchlorinated mineral lubricating oil and a chlorinated mineral lubricating oil (Count 2 in Interference No. 69,703), was awarded to Gallsworthy. Whether the claims awarded by the Patent Office to the three different persons, are patentably distinct from each other, so as to be patentable to different persons, is obviously a question of fact. And so is the question whether these claims, or any of them, are patentably distinct from the disclosures in the Lincoln patent.

[15] Rev. Stat. § 4886 (1870), 29 Stat. 692 (1897), 46 Stat. 376 (1930), 53 Stat. 1212 (1939), 35 U. S. C. A. § 31 (1940).

[16] I. e., the first inventor of the one invention. *Milburn Co.* v. *Davis-Bournonville Co.*, 270 U. S. 390, 402, 70 L. Ed. 651, 46 S. Ct. 324 (1926), 344 O. G. 817; *Earles* v. *Gomber*, 50 App. D. C. 389, 273 Fed. 353 (1921), 288 O. G. 207; *International Seal & K. Protector Co.* v. *E. J. Brooks Co.*, 98 F.2d 647, 648 (C. C. A. 3d 1938); *International Carbonic Eng. Co.* v. *Natural Carb. Prod.*, 57 F. Supp. 248, 258 (S. D. Calif. 1944), aff'd, 158 F.2d 285 (C. C. A. 9th, 1946); Application of Beck, 155 F.2d 398 (CCPA 1946), 590 O. G. 357.

[17] *Gold* v. *Newton*, 254 Fed. 824 (C. C. A. 2d 1918) (cited to this point in *Hoover Co.* v. *Coe*, supra).

[18] The finding in Civil Action No. 23,872 was:

"That no substantial evidence has been presented to overcome the findings in the Patent Office that the subject matter of the counts of the aforesaid interference are patentable."

The finding of fact in Civil Actions Nos. 19,801, 20,052, 20,053, 23,873 and 23,874 was:

"The Patent Office, in the proceedings before it, found the subject matters of the various counts of the interferences Nos. 78,460, 69,703 and 77,416 to be patentable and to distinguish patentably from each other. No substantial evidence has been presented in any of the cases consolidated for trial to overcome these findings in the Patent Office. The only art presented at the trial in these cases was before the Patent Office and was fully considered by it."

The conclusion of law in the latter cases was:

"The evidence presented, in any of the cases, on the patentability of the counts to the parties, or any of them, is not substantial and does not overcome the findings in the Patent Office that the subject matters in the several counts involved in the interferences are patentable."

[19] *Milburn Co.* v. *Davis-Bournonville Co.*, 270 U. S. 390, 70 L. Ed. 651, 46 S. Ct. 324 (1926), 344 O. G. 817, followed, *Detrola Corp.* v. *Hazeltine Corp.*, 313 U. S. 259, 265, 85 L. Ed. 1319, 61 S. Ct. 948 (1941), 528 O. G. 245, rehearing denied, 314 U. S. 576, 86 L. Ed. 564, 62 S. Ct 52 (1941); cf. *Old Town Ribbon & Carbon Co.* v. *Columbia R. & C. Mfg. Co.*, 159 F.2d 379, 381, 382 (C. C. A. 2d 1947).

[20] The counts or claims in issue were:

Interference No. 78,460—

"1. A composition of matter comprising a mineral lubricating oil and a relatively small proportion of a substantially non-volatile chlorinated paraffin hydrocarbon as essential ingredients."

"2. A composition of matter comprising a mineral lubricating oil and a small percentage of chlorine in chemical combination with a fluid fraction of petroleum, the compounds formed being substantially non-volatile."

Interference No. 69,703—

"1. A lubricant suitable for lubrication under extreme pressures comprising essentially mineral oil and a small percentage of chlorine in chemical combination with non-volatile mineral oil, the compounds formed being also non-volatile."

"2. A lubricating composition having as a primary lubricating constituent the combination of unchlorinated mineral lubricating oil and a minor proportion of chlorinated mineral lubricating oil."

"3. An extreme pressure lubricant comprising as a primary lubricating constituent the combination of unchlorinated mineral lubricating oil and a minor proportion of chlorinated lubricating oil, the lubricant being free from added sulphur."

Interference No. 77,416—

"1. An extreme pressure lubricant for use between relatively moving metallic surfaces, comprising a body of refined mineral lubricating oil, the ability of which to prevent seizure and scoring between relatively moving metallic surfaces operating under conditions of extreme pressure, has been substantially increased by the addition thereto of a minor amount of chlorinated mineral oil."

"2. The method of improving a body of refined mineral lubricating oil to very substantially increase its ability to prevent seizure and scoring when used as a lubricant between relatively moving metallic surfaces operating under conditions of extreme pressure, which comprises dissolving in said body a small amount of chlorinated mineral oil."

"3. The method of reducing the friction between relatively moving metallic surfaces which comprises maintaining therebetween a film of lubricating oil and at the same time chemically acting upon such surfaces by means of chlorine present in said oil film in the form of a minor amount of chlorinated mineral oil."

Interference No. 75,209—

"1. A metal cutting composition comprising a mineral lubricating oil and a relatively small proportion of chlorinated kerosene as essential ingredients."

"2. A metal cutting composition comprising a mineral lubricating oil and a relatively small proportion of a substantially non-volatile chlorinated paraffin hydrocarbon as essential ingredients."

"5. A metal cutting composition comprising a mineral lubricating oil and a small percentage of chlorine in chemical combination with a fluid fraction of petroleum, the compounds formed being substantially non-volatile."

Fundamentally these questions of fact are questions of chemistry. But we do not find in this record any conclusions couched in chemical terms. The closest approach to one is a statement of the Board of Interference Examiners in Interference No. 78,460 when it awarded one count to Morell and the other to Gallsworthy. The Board said: "The former [Count 1] of these limitations is believed to include any chlorinated paraffin hydrocarbon which is non-volatile after chlorination. In the case of Count 2, on the other hand, it is clearly specified that the fraction of petroleum to be chlorinated, shall be fluid prior to such chlorination step." The language quoted seems to mean that a paraffin hydrocarbon which would be non-volatile after chlorination could not be a fluid fraction of petroleum prior to chlorination. But there is nothing in the way of a basic finding of fact to show that this scientific implication is correct, and the chemistry reflected by general authorities seems to indicate the contrary.

As a matter of general chemical knowledge, paraffin (singular) is a solid consisting of a mixture of hydrocarbons, and is a constituent of petroleum.[21] However, the plural "paraffins" is a group name for the saturated aliphatic hydrocarbons of the methane series, of a general formula C_nH_{2n+2}. That series begins with the gaseous methane and goes in series up to the solid hexacontane of considerable molecular weight (circa 843). So that a paraffin hydrocarbon may be a gas, a liquid of any one of several different densities, or a solid of several different specific gravities. There are several oils in this series. "Mineral oil" (singular) is defined chemically as paraffin oil, or its homologues. Mineral oils (plural) are said to include any oil obtained from inorganic matter, and thus include petroleum. Petroleum is a native mixture of a solution of hydrocarbons and may be one of a number of oils; it may have a paraffin base or a naphthene (asphalt) base. Kerosene is a mixture of hydrocarbons and is a fractional distillate of petroleum. So that, merely from the standpoint of general chemical information, it appears that a hydrocarbon wax from a petroleum origin could be a paraffin hydrocarbon, and a fluid fraction of petroleum might be a paraffin hydrocarbon, and a mineral oil might be both a paraffin hydrocarbon and a fluid fraction of petroleum; and kerosene would appear to be both. In other words, the descriptions of the several additives in the otherwise identical claims in the case appear to overlap. The difficulties presented by the foregoing scientific data are discussed in the briefs, and the pertinence of their accurate determination to the issues in the case is apparently accepted.

[5] This court cannot decide questions of scientific fact, such as the foregoing, upon the basis of its own knowledge or upon standard generalized authorities, in the absence of findings of fact by the

[21] The generalities stated in this paragraph can be found in any authoritative work on chemistry. E. g., Hackh's Chemical Dictionary (3d ed. 1944); Bennett's Concise Chemical and Technical Dictionary (1947); Condensed Chemical Dictionary (Gregory's 3d ed. 1942). See also Webster's New International Dictionary (1945); Funk & Wagnall's New "Standard" Dictionary (1946).

district court or the Patent Office, based upon evidence in the record. It is true that in the Radtke case, supra, we made extensive references to standard authorities not in the record, but in that case there were in the record full evidence, findings and conclusions upon the point at issue.

Absent findings of the underlying facts, we look for a definitive conclusion by the Patent Office as to patentability which might constitute the basis for the district court's adoptive finding. We do not find any such conclusion stated in respect to the patentability of the different claims to different people, except the one to which we have referred respecting Counts 1 and 2 in Interference No. 78,460, and that one, as we have indicated, is unsatisfactory in the absence of more specific underlying findings.

In respect to the patentability of the present claims over the disclosures of the Lincoln application, the record is in confusion as to the conclusions of the Patent Office. Consideration of that patent is found in two of the interference proceedings. For the purpose of declaring Interference No. 75,209, a Primary Examiner found a certain claim (subsequently Count 1 thereof) to be allowable and suggested it to Cohen. During the motion period in this interference, Morell moved to add five new claims or counts (only four of which are important to our present consideration, being before us as Counts 2 and 5 of Interference No. 75,209 and Counts 1 and 2 of Interference No. 78,460). He suggested their unpatentability over the Lincoln patent and demanded that Cohen be required to swear back of [22] that patent as he, Morell, had done during the ex parte proceedings on his application. Concerning Counts 2 and 5 (each drawn to a "metal cutting composition"), the Primary Examiner agreed with Morell's contentions, admitting the counts to the interference upon Cohen's swearing back of the Lincoln patent. This was a clear holding that these two counts were unpatentable over the disclosure of the cited prior art reference. His refusal to admit the remaining two counts (each drawn to a "composition of matter" but otherwise respectively identical to the admitted counts) was premised on his finding that, as read in the light of Morell's disclosures, they were not patentably distinct from the "metal cutting composition" counts. The Board of Appeals reversed this holding and directed that these two counts be admitted subject to the same conditions in respect to Rule 75. This latter restriction, it seems to us, can only be interpreted as a holding that these two counts (subsequently made the subject of a separate and different interference proceeding, No. 78,460), also were unpatentable over the Lincoln patent's disclosures.

At only one other place in the reported proceedings of the four interferences do we find the Lincoln patent mentioned as a prior art reference. Interference No. 69,703 had been declared originally upon one claim found allowable by a Primary Examiner and suggested for purposes of an interference to Cohen and Gallsworthy. During the subsequent motion period, two counts, among others, were suggested by one of the parties as proper additions to the proceeding. The Primary Examiner found these two counts clearly unpatentable for reasons of record in the file of one of the other parties to the interference, and he rejected them without specifically mentioning the Lincoln patent. In the same general opinion, however, he cited that patent as the basis upon which other proposed counts should be rejected. The Board of Appeals reversed the Primary Examiner in respect to the two counts, saying that they "are not anticipated by the cited art and are so similar to the original count that we do not feel justified in questioning the patentability of their subject matter." No "cited art" was named in the Board's opinion as being directed to these two counts. We are unwilling to infer that the Lincoln patent, cited in the opinion of the Primary Examiner but not expressly employed by him in considering these two counts, was within the ambit of this "cited art." These two counts subsequently, and pursuant to the Board's decision, became Counts 2 and 3 of Interference No. 69,703.

The sum total of the foregoing is that we have a clear holding at one stage of the proceedings in the Patent Office that four of the eleven claims are unpatentable over the Lincoln patent, but we find no holding one way or the other in this respect as to the other seven claims; and we find no stated conclusion as to the patentability of any one of these claims over the others, to different inventors, except the one unsatisfactory statement in Interference No. 78,460. The questions as to the chemical relationship between the various ingredients in the several claims, to which we have alluded, make wholly doubtful what the ultimate conclusion of the Patent Office was, or might have been, as to patentability over that prior art reference, or as to patentability to different persons.

In this state of affairs we are asked to infer from the general rules [23] of Patent Office procedure that that Office held these claims patentable in the manner and to the persons to whom they were awarded.

[6] Patent Office Rule 95 provides that "Before the declaration of interference it must be determined that there is common patentable subject matter in the cases of the respective parties. The issue must be clearly defined and be patentable to the respective parties, subject to the determination of the question of priority." The rule is applicable to counts in an original declaration of an interference under Rules 94 and 109 and to the counts in a redeclared interference under Rule 109. Decisions required by Rule 95 as to patentability and as to the ability of each party to make the counts are within the duties of the Primary Examiners, subject to review by the Board of Appeals. As to each of the eleven counts involved in these four interferences,

[22] This expression is a reference to an affidavit under Rule 75 of the Patent Office, in which an applicant for a patent swears that he conceived of a given invention, reduced it to practice, and was diligent in its development prior to the date upon which another applicant filed his application.

[23] Rules of Practice in the United States Patent Office, Appendix to Tit. 35, U. S. C. A., p. 705.

it was affirmatively recited, in general terms, by the Primary Examiner or by the Board that both requisites were fulfilled. We are asked to accept these rulings as controlling upon the question of patentability now before us. This we cannot do.

[7] If these proceedings had involved only one interference, in which all the claims were stated and to which all the parties here were parties, some inferences, in respect to patentability and patentable distinctions, from the circumstances and rules might be proper. We do not pass upon that question, because we do not have that situation before us. The situation here is that there were four interferences, in which the claims stated were different and the parties were different, and different claims were awarded to different people. In that situation we will make no inferences where the findings as stated do not expressly refer to the disputed question. In other words, we will not infer from the bare announcement that a given claim is "allowable," that the Examiner or the Board meant to find that the claim was patentably distinct from another claim not involved in that proceeding. And we will not infer that he, or it, meant to find patentability over a disputed prior art reference which he did not mention. For example, in Interference No. 69,703 a motion to dissolve was made upon the basis of two German patents and a patent to one McQuaid as alleged prior art references. The Board of Appeals considered the named patents and concluded its discussion with the sentence, "The claim is patentable." We will not infer from that statement that the Board meant to find patentability over the Lincoln patent or over the counts in the other interferences, neither of which subjects was mentioned. We cannot tell from that finding what the Patent Office would have held upon the now disputed issues of patentability.

[8] Moreover, other statements and findings by the Primary Examiner and by the Board of Appeals, to some of which we have referred, cast serious doubts upon the patentability of at least some, if not all, of the claims made. We have already discussed the doubts which arise from the discussions of, and rulings upon, the Lincoln patent. Other instances appear involving the patentability of the several counts over each other. The Board of Appeals at one point found that Morell, having claimed a "metal cutting composition," could claim a "composition of matter" of the same ingredients. That is said to be a finding that the two counts are patentably distinct. To us it indicates the contrary, in so far as patentability refers to the right of different persons to take patents on the same compound are concerned. It may very well be that the two counts are so distinct as that the holder of a patent on the generic "composition of matter" is entitled to state separately in the same patent a claim to specified uses of the same substance; and, in that sense, the two claims may be patentably distinct. But it does not follow that they are so distinct as to authorize the issuance of separate patents to separate persons. No discussion whatever appears in the record as to the patentability of the counts titled "lubricant," "lubricating oil," or "method" over those titled "composition of matter" or "metal cutting composition."

With respect to the counts titled "method," which are Counts 2 and 3 in Interference No. 77,416, we cannot infer a finding of fact that these counts are patentably distinct, as between different patentees, from those counts which describe the composition of the substance. One method is described as a "dissolving" of the additive in the base oil, and the other as reducing the friction between moving metallic surfaces by using the substance. When the substance is a lubricating oil which consists of a base oil with an additive merely mixed in, as is the case here, we do not see how a method of merely "dissolving" one into the other could be patentably distinct from the composition itself, in so far as patentability implies the issuance of a patent to one person for the composition and another patent to another person for the method. The same observation applies to a method count which merely describes the reduction of friction between moving surfaces by a lubricant which is otherwise patented.

In the Radtke case, supra, we said that we would not assume that patentability had been determined, but must find it shown by findings and conclusions contained in the record presented to us.

[9] In view of all the foregoing, the case will be reversed and remanded for further findings of fact by the trial court with respect to the underlying chemical facts which will support conclusions of fact as to the patentability of each of the counts involved in this appeal, in respect to each other such count, both in contemplation of the issuance of one patent upon all counts to one person and in contemplation of the issuance of several patents to different persons upon the several counts; and also the basic chemical facts fhich will support a conclusion as to the patentability of each of the counts over the disclosures of the Lincoln application of July 14, 1932.

[10] This situation presents some interesting questions as to the procedure of the court in ascertaining and finding scientific facts of the sort here involved. These facts differ from the ordinary facts in law-suits, as to which there are only a few witnesses, and those may differ in recollection or observation. Scientific facts such as chemical compositions are absolute and are known to many people; although, of course, such people may necessarily be only those learned in the field. When a court is required to adjudicate rights upon the premise of such facts, it ought not to be restricted to partisan or chance evidence. Of course, in many cases, probably in most cases, the witnesses presented by the parties are of a calibre to be satisfactory in the presentation of scientific data. But if they are not, the court should exercise the full extent of its control over the proceedings to insure its own accurate understanding of the requisite facts. No individual judge can know, of his own uninstructed knowledge, all the scientific facts in every field. But he is not required to rest his conclusions, either one way or

the other in a controversy, upon less than complete and correct information upon such facts. He is entitled to rely heavily upon the formal findings of experts, if he has such findings before him. But even then, if those findings are challenged, they must be such as to be understood before the court can rest its conclusion upon them. In the cases at bar, the court can suggest to the private parties the necessity for disinterested, qualified evidence upon such points as it feels the need of evidence in addition to that initially presented. The Commissioner of Patents is also a party, and the experts in his office are available. As a last resort, the trial court has the power of subpoena sua sponte. Of course, an agreed statement, to which the Commissioner was a party, of the underlying scientific facts would be the most satisfactory disposition of the problem.

The foregoing observations are not to be understood to relate to the rules governing burden of proof. We are not considering a situation where the judge acts upon a failure of proof, but one in which he undertakes to make findings of the facts.

[11] It would obviously be helpful if the trial court, in this somewhat novel procedural situation, where four separate proceedings in the Patent Office became combined in one proceeding in the court, and where inferences which might be drawn from a single proceeding in that Office are impossible, could remand the cases to the Patent Office for further findings of fact. But we have been unable to find authority for such a remand in a proceeding under section 4915. The action is de novo and not an appeal. The record of the proceedings in the Patent Office is admitted as though evidence in the pending case and not as a record being reviewed upon appeal. Whether a record of supplemental action in the Patent Office, occurring after this remanding order but prior to further proceedings in the district court, would be admissible in that court upon motion of a party, is not now before us.

We come now to the questions of priority among the parties, which should be resolved, since further consideration by the district court has been directed, and these questions may continue to be important. Two such questions are presented. The first is whether Morell reduced his conception to practice prior to the Gallsworthy application. The second is the same question as to Cohen.

[12] The Patent Office held, in Interference No. 78,460, that Morell effectively reduced the invention to practice by his automobile road tests in August 1932, in conjunction with his series of laboratory tests. The district court took the view that since corrosion is an important consideration in the practicability of a lubricant, it was necessary that the engine in which the road tests had been made, be taken down and its inner surfaces examined for corrosion, before the test could be said to be a reduction to practice. Laboratory tests for corrosion had been made by Morell, and the compound found satisfactory in that respect. The Board of Appeals considered at some length the nature of the tests necessary to establish a reduction to practice of a lubricant. It held that both laboratory tests and actual service tests are necessary, since each type of test establishes different desirable properties of the oil composition. It held that the laboratory tests plus the road tests by Morell together constituted a satisfactory test as to the required qualities. The district court, in effect, held that they were not. On the present record, we agree with the Patent Office on this point. We understand that if a substance be corrosive of metals, the fact will appear in proper laboratory tests. We note that the Federal specification for lubricants[24] directs laboratory tests upon the matter of corrosion. However, since the cases are remanded for further findings, we will not foreclose the district court upon this point of fact, i. e., whether a laboratory test of the sort made by Morell, combined with an observation of the oil after road tests, is a satisfactory demonstration, scientifically speaking, of the corrosive quality of the compound. Findings upon this question of fact should be made.

[13] In respect to Cohen's claim to a reduction to practice, we agree with the Patent Office and the district court. Cohen argued there, and argues here, that "A composition of matter is reduced to practice when it is completely composed. He cites *Corona Co.* v. *Dovan Corp.*[25] and *Kyrides* v. *Bruson.*[26] He, therefore, contends that when he mixed a lubricating oil and a chlorinated paraffin wax, and found them miscible, he reduced to practice the composition of matter, and that no tests were necessary. The Board of Interference Examiners distinguished the cases cited, because in them, it said, the problem was one of producing the compound, the properties of the compound being known in case its production was accomplished. In the present case, said the Board, the problem was not in production, since that was merely a matter of mixing the two ingredients. No special properties of the mixture were known, although obviously any mixture consisting principally of lubricating oil would be expected to have some lubricating properties. For these reasons, the Board held that it was necessary that it be demonstrated that the mixture possessed extreme pressure lubricating properties not possessed by the oil alone, and that tests were thus necessary. We agree. The problem involved in the invention was the suitability of the product for usefulness, and not its mere production. So that the mere mixing of the two ingredients, without more, could not be deemed a demonstration equivalent to a reduction to practice.

[14] There remains the question of the admissibility of certain evidence proffered by Morell in the court below, and denied admission by that court. The rule is well settled that new and additional evidence may be received in a civil action under section 4915,[27] but it is equally well settled that a party may not successfully offer to the court evidence withheld from the Patent Office.[28] The answer to the present question depends upon whether the latter limitation applies. The testimony proffered was that of an expert in chemistry and concerned three questions. The first was whether propane is a fluid fraction of petroleum. The Board of Appeals had held that it is not. Morell evidently considered that ruling to be based upon the proposition that the gaseous propane is not "fluid," and moved for reconsideration. The Board of Appeals explained in its ruling upon the motion that the basis of its ruling was that propane is not a "fraction" of petroleum. The second question, to the same witness, concerned the chemical nature of the chlorinated mineral oil disclosed in the Gallsworthy application, and the third question concerned the nature and value of laboratory tests of a lubricant. The admissibility of evidence of this sort in a case such as this should be determined by the necessities of the case. The court is sitting without a jury; the facts involved are scientific in nature; the court is called upon to adjudicate rights upon the basis of those facts. It follows that if the evidence would assist the court, and if no bad faith on the part of the profferer is involved, such as deliberate withholding for some tactical reason, the court could receive the evidence[29]; in fact, as we have already pointed out, the situation might be such as to require the court to seek such evidence. In this situation the court should not consider itself bound by a rule excluding evidence not offered to the Patent Office. The district court is directed that in its further consideration of these cases, it may receive this evidence, if the evidence otherwise in the record concerning these scientific facts is not sufficient or satisfactory as a basis for findings of such facts.

REVERSED AND REMANDED for further proceedings in accordance with this opinion.

[24] VV–L–791c, May 12, 1945, sec. IV (part 5), approved by the Director of Procurement, for the use of all departments and establishments of the Government.

[25] 276 U. S. 358, 72 L. Ed. 610, 48 S. Ct. 380 (1928).

[26] 102 F.2d 416 (CCPA 1939).

[27] ". . . In all suits brought hereunder where there are adverse parties the record in the Patent Office shall be admitted in whole or in part, on motion of either party, subject to such terms and conditions as to costs, expenses, and the further cross-examination of the witnesses as the court may impose, *without prejudice, however, to the right of the parties to take further testimony.*" Rev. Stat. § 4915, supra. [Italics supplied.] *Hoover* v. *Coe,* supra at 83; *Butterworth* v. *United States,* 112 U. S. 50, 61, 28 L. Ed. 656, 659, 5 S. Ct. 25 (1884), 29 O. G. 615; *American Steel & Wire Co. of New Jersey* v. *Coe,* 70 App. D. C. 138, 140, 105 F.2d 17, 19 (1939), 504 O. G. 847; *Lucke* v. *Coe,* 63 App. D. C. 61, 69 F.2d 379 (1934); *Globe-Union, Inc.,* v. *Chicago Telephone Supply Co.,* 103 F.2d 722, 724 (C. C. A. 7th 1939), 439 O. G. 839; *Nichols* v. *Minnesota Mining & Manufacturing Co.,* 109 F.2d 162, 166 (C. C. A. 4th, 1940); *General Talking Pictures Corp.* v. *American T. Corp.,* 96 F.2d 800, 812 (1938); *Wright* v. *Runge,* 31 F. Supp. 844 (D. C. 1939); *Perkins* v. *Lawrence Sperry Aircraft Co.,* 57 F.2d 719, 720 (E. D. N. Y. 1932); *Kaplan* v. *Robertson,* 50 F.2d 617, 619 (Md. 1931); *Harper* v. *Zimmerman,* 41 F.2d 261, 264 (Del. 1930); *Berry* v. *Robertson,* 40 F.2d 915, 917 (Md. 1930). Cf. *Reitmeyer* v. *Coe,* 44 USPQ 640 (D. C. 1940), and *Sinko Tool & Mfg Co.* v. *Automatic Devices Corp.,* 136 F.2d 186, 190 (C. C. A. 2d 1943).

[28] *Schilling* v. *Schwitzer-Cummins Co.,* 79 U. S. App. D. C. 20, 22, 23, 142 F.2d 82, 84, 85 (1944); *Boucher Inventions* v. *Sola Electric Co.,* 76 U. S. App. D. C. 160, 162, 131 F.2d 225, 227 (1942), cert. denied, 318 U. S. 770, 87 L. Ed. 1140, 63 S. Ct. 760 (1943); *Greene* v. *Beidler,* 58 F.2d 207, 209 (C. C. A. 2d 1932); *Barrett Co.* v. *Koppers Co.,* 22 F.2d 395 (C. C. A. 3d 1927). Cf. *Perkins* v. *Lawrence Sperry Aircraft Co.,* 57 F.2d 719, 720, 721, 723 (E. D. N. Y. 1932).

[29] *Globe-Union, Inc.,* v. *Chicago Telephone Supply Co.,* 103 F.2d 722, 728 (C. C. A. 7th 1939); *Minnesota Mining & Mfg. Co.* v. *Carborundum Co.,* 155 F.2d 746, 748 (C. C. A. 3d 1946).

PATENT SUITS

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,737,670, J. W. Ogden, et al., Mailing machine; 1,995,577, same, Driving mechanism for postage meter machine; 2,130,897, same, Timed tripping device; 1,879,964, R. G. Whitlock, Postal machine; 2,302,060, C. D. Ryan, Conveyor mechanism for mail treating apparatus, filed July 11, 1948, D. C., S. D. N. Y., Doc. 15/75, *Pitney-Bowes Postage Meter Co.* v. *National Postal Meter Co., Inc.* Stipulation and order dismissing complaint, counterclaim and supplemental counterclaim Dec. 4, 1947.

1,790,254. (See 2,156,965.)

1,810,112, E. Riemenschneider, Process for welding metal tubing; 2,139,771, 1,948,801, same, Method and apparatus for welding; 2,061,671, same, Apparatus for welding, D. C., W. D. Mich. (Grand Rapids), Doc. 413, *The Midland Steel Products Co.* v. *Clark Equipment Co.* Judgment dismissing complaint and amended complaint Jan. 29, 1948.

1,854,556, Moebes & Hoffman, Inner tube tester, filed Jan. 29, 1948, D. C., S. D. Calif., C. Div., Doc. 7950–BH, *A. Moebes* v. *The Balloon Tire Mould Co., et al.*

1,879,964. (See 1,737,670.) 1,899,309. (See 2,156,965.)

1,927,806. (See 1,958,355.) 1,948,801. (See 1,810,112.)

1,955,066. (See 1,958,355.)

1,958,355, W. H. Wheeler, Jr., et al., Attachment for postage meter machine; 2,141,258, same, Moistening device; 2,141,118, J. Weller, Tensioning device for chains; 1,927,806, C. D. Ryan, Device for moistening gummed surfaces; 1,955,066, G. Hiller, Stripper and feeder for postal machine; 1,988,036, J. Q. Finfrock, Power plant, filed Apr. 2, 1940, D. C., S. D. N. Y., Doc. 8/175, *Pitney-Bowes Postage Meter Co.* v. *National Postal Meter Co.* Stipulation and order dismissing complaint and counterclaim Dec. 4, 1947.

1,988,036. (See 1,958,355.) 1,995,577. (See 1,737,670.)

2,061,671. (See 1,810,112.)

2,071,080, J. E. Marshall, Roller, D. C., S. D. N. Y., Doc. 43/758, *Winchester Repeating Arms Co.* v. *Harvan Sporting Goods Co., Inc.* Stipulation and order of dismissal Jan. 29, 1948.

2,101,732, E. K. Benedek, Hydraulic machine, filed Jan. 21, 1948, D. C. Minn. (Minneapolis), Doc. 2661, *E. K. Benedek* v. *Northern Pump Mfg. Corp.*

2,130,897. (See 1,737,670.)

2,137,154, J. E. Brubaker, Toy pistol, D. C., N. D. Ill., E. Div., Doc. 47c1640, *The Hubley Mfg. Co. et al.* v. *H. Callen.* Defendants enjoined Jan. 27, 1948.

2,139,771. (See 1,810,112.) 2,141,118. (See 1,958,355.)

2,141,258. (See 1,958,355.)

2,156,965, S. W. Borden, Ground fitting; 1,899,309, S. N. Buchanan, same; 1,790,254, W. H. Vibber, Electric conduit bushing, filed Jan. 27, 1948, D. C., S. D. Calif. (Los Angeles), Doc. 7942 WM, *S. W. Borden* v. *Dolco Mfg. Co. et al.*

2,258,413, M. Koven, Gem setting, D. C., S. D. N. Y., Doc. 43/664, *Coro, Inc., et al.* v. *A. Levitan.* Decree favor plaintiff, sustaining patents, adjudging infringement, and granting injunction (notice Jan. 29, 1948).

2,300,157, G. R. Hunt, Feather-picking apparatus for fowls, D. C., N. D. Iowa (Dubuque), Doc. 254, *C. B. Mueller et al.* v. *Farmers Produce Co.* Injunction against defendants on and after Apr. 1, 1948. Same, C. C. A., 6th Cir., Doc. 10439, *Superior Mfg. Co. et al.* v. *C. Mueller et al.* Dismissed Feb. 2, 1948.

2,302,060. (See 1,737,670.)

2,368,290, F. V. Donald, Tractor for garden cultivators and other implements, D. C., N. D. Ill., E. Div., Doc. 47c864, *Simplicity Mfg. Co.* v. *Pioneer-Gen-E-Motor Corp.* By stipulation, cause dismissed without prejudice Jan. 29, 1948.

2,424,482, W. Riedler, Shoulder pad and method of making same, filed Jan. 27, 1948, D. C., S. D. N. Y., Doc. 44/651, *Riedler & Mechur, Inc.*, v. *Paramount Pad Co., Inc., et al.*

NOTICES

Cancellation Notice

Belle Knitting Corp., its assigns or legal representatives, take notice:

A cancellation proceeding has been instituted by this Office upon the application of Fabric Specialties Co., Inc., 650 Turner Ave., N. W., Grand Rapids, Mich., to effect the cancellation of trade-mark registration of Belle Knitting Corp., No. 355,157, dated March 8, 1938. The assignment records of this Office show a transfer of title to this registration to The McKay Products Corporation, Baltimore, Md., which has been substituted for said registrant to defend the registration concerned. The Office having been unable to secure service upon The McKay Products Corporation, notice is hereby given that unless its assigns, legal representatives, or other person claiming an interest in the registration shall enter an appearance therein within thirty days from the first publication of this order the cancellation will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

THOMAS F. MURPHY,
Assistant Commissioner of Patents.

February 4, 1948.

Adjudicated Patents

(C. C. A. Mo.) Kesling patent, No. 2,034,400, for a gear shifting machine, claims 25 to 29 *Held* valid and infringed. *General Motors Corp.* v. *Kesling*, 164 F.2d 824; 76 USPQ 30.

(C. C. A. Ill.) Wallace and Hand patent, No. 2,236,387, for a perspiration inhibiting composition, claims 1 to 6, 8 to 13, 15, and 16 *Held* valid and infringed. *Wallace* v. *Mandell Bros.*, 164 F.2d 861; — USPQ —.

Erratum

In the OFFICIAL GAZETTE of February 3, 1948, page 59, Trade-Mark Registrations Republished, registration No. 305,484, for "Claims use since about Apr. 23, 1936" read *Claims use since about Apr. 23, 1931.*

REGISTER OF PATENTS AVAILABLE FOR LICENSING OR SALE

(The "Groups" appearing after the patent abstracts are based on the Standard Industrial Classification Manual, Vol. I. Manufacturing Industries, Executive Office of the President. Bureau of the Budget)

The United Shoe Machinery Corporation, of 140 Federal St., Boston 10, Mass., has placed 186 patents on the Register of Patents as available for license in addition to the 2,092 patents previously registered by this corporation. Of these patents, 138 cover shoe machinery, the remaining 48 being useful in various other fields which include sewing machines, parts, and attachments; sorting machines; and devices such as finishing tools and brush structures. Abstracts of these 186 patents will be published in groups in the OFFICIAL GAZETTE from March 2 to March 16 inclusive.

SHOE MACHINERY (Group 35—59)—Con.

Pat. 2,103,667. MACHINE FOR REMOVING LACINGS FROM SHOE UPPERS. Patented Dec. 28, 1937. A series of hooks are arranged to be engaged by the lacings of a shoe pressed against them. A treadle or lever pulls all the hooks into spaces between shearing and holding plates, and a suction tube is arranged to remove the lacings when the hooks are returned to normal position. Reg. No. 9,248.

Pat. 2,104,113. SHOE SOLE FITTING MACHINE. Patented Jan. 4, 1938. Relates to a machine for reducing and roughing the margin of a shoe sole. The sole is mechanically fed past the concave side and in the path of movement of the cutting teeth of a concavo-convex circular saw like cutting and roughing tool by a feed disk having a sharp, spiral work engaging and feeding lip upon its face. Reg. No. 9,249.

Pat. 2,104,118. APPARATUS FOR ATTACHING SHOE SOLES. Patented Jan. 4, 1938. A welt holddown for cement sole attaching machines. A three-piece holddown, readily adjustable to fit the toe portions of shoes of different widths and shapes while maintaining a substantially continuous shoe engaging surface has a transverse toe piece and transversely adjustable side members the front ends of which abut the shoe engaging face of the toe piece. Reg. No. 9,250.

Pat. 2,104,138. TRIMMING MACHINE. Patented Jan. 4, 1938. Relates to a power operated cutting device operable to cut V notches in the upstanding lasting margin of the toe portion of a shoe positioned in a bed lasting machine. The device is suspended by a jointed shaft so that it may be applied to the shoe by hand. Reg. No. 9,251.

Pat. 2,104,183. MACHINE FOR OPERATING UPON SHOE HEELS. Patented Jan. 4, 1938. An automatic machine for burnishing heels. A plurality of heels are held and rotated individually by holders arranged on a rotating turret in a circle surrounding a single, central, rotating tool which performs a burnishing operation upon a plurality of the heels simultaneously. Reg. No. 9,252.

Pat. 2,106,171. FLEXING MACHINE. Patented Jan. 25, 1938. A machine having automatic mechanism for feeding shoe soles, one by one, from the bottom of a stack to gripping jaws carried by an endless conveyor. The jaws operate automatically to draw the soles between two flexing mechanisms each comprising two sets of flexing rolls. Reg. No. 9,253.

Pat. 2,111,608. STAPLING MACHINE. Patented Mar. 22, 1938. A staple forming and driving mechanism having means for cutting wire at opposite equal angles to bring the points of the legs of the staple on the same side of the staple. Reg. No. 9,254.

Pat. 2,173,176. TRIMMING MACHINE. Patented Sept. 19, 1939. A machine for preparing the toe of a pulled-over shoe for toe lasting with cement. A rotary cutter cuts off the margins of the lining, the box toe and the doubler while two cement applying nozzles spread bands of lasting cement on the margins of the upper and the insole, respectively. Reg. No. 9,255.

Pat. 2,175,200. TRIMMING MACHINE. Patented Oct. 10, 1939. A machine for trimming off the lasting allowance of the lining, toe-box and doubler at the toe end of a pulled-over shoe. A fixed blade guides the margin of the insole and a cooperating vibrating cutting blade operating between the margin of the shoe upper and the materials to be severed shears off the said materials, a resilient finger moving with the cutting blade serving to smooth out irregularities in the materials to be cut. Reg. No. 9,256.

Pat. 2,288,721. FASTENING-INSERTING MACHINE. Patented July 7, 1942. An inside nailing heel attaching machine in which the nail drivers are carried in groups by independently slidable plates in a jack movable to and from a position in which the plates register with corresponding plates which are advanced in succession by a set of power driven cranks, to cause the nails to be driven in successive groups. Reg. No. 9,257.

Pat. 2,289,415. MACHINE FOR ASSEMBLING SHOE PARTS. Patented July 14, 1942. A method and machine for forming the toe end of the upper of a moccasin type shoe inward over a form by means of a wiper, and a pressure-applying member which presses the sole member of the shoe down against the in-wiped upper. Reg. No. 9,258.

Pat. 2,290,312. INSOLE MARGIN CEMENTING MACHINE. Patented July 21, 1942. A machine for applying cement to the edge and both faces of the margin of an insole. The cement is applied by three rolls the axes of all of which lie in the same plane. Reg. No. 9,259.

Pat. 2,290,356. MACHINE FOR TREATING SOLES WITH HEAT. Patented July 21, 1942. A plurality of heating units which are individually adjustable in parallel directions form a heating surface which may be arranged to correspond in shape to the contour of the sole to be treated. A conveyor carries the sole past the heating device in a direction widthwise of the sole. Reg. No. 9,260.

Pat. 2,290,848. SHOE MACHINE. Patented July 21, 1942. Relates to manually controlled means for causing a toe lasting machine to perform automatically two cycles of operations instead of one, to subject a heavy upper to a greater number of wipes before the tacks are driven. Reg. No. 9,261.

Pat. 2,290,941. SHOE MACHINE. Patented July 28, 1942. A machine for use in cement lasting stitchdown shoes. A continuously operated drive member is so connected by a system of links to one of a pair of gripper jaws that adjustment of the relative positions of the links by operation of a treadle effects a continuous variation from zero to a maximum value in the motion imparted to the jaw. Reg. No. 9,262.

Pat. 2,291,688. ROUGHING MACHINE. Patented Aug. 4, 1942. A duplex roughing machine having a pair of driven roughing belts continuously vibrated transversely of their running direction. Each belt is supported by a backing roll at working position against deflection by the work pressed against it. Reg. No. 9,263.

Pat. 2,291,757. SKIVING MACHINE. Patented Aug. 4, 1942. Relates to a skiving machine of the tubular knife type in which the feed roll is mounted in a pivoted frame which can be swung from closed to open position to afford access to the knife. Provision is made for preventing application of power to rotate the knife when the pivoted frame is in open position. Reg. No. 9,264.

Pat. 2,292,508. TRIMMING MACHINE. Patented Aug. 11, 1942. Relates to an inseam trimmer having a rotary cutter head carrying a pair of cutters in shearing relation to a feed wheel and rotatable about their own axes at a speed slower than that of the cutter head to present a new cutting surface to the work in each rotation of the head, thereby prolonging the life of the cutters. Reg. No. 9,265.

Pat. 2,292,936. POUNDING MACHINE. Patented Aug. 11, 1942. A shoe bottom pounding machine having a pounding roll in which are outwardly curved rods carrying loose rings so arranged that during the beating operation they present curved work-engaging surfaces which can be brought to bear with uniform pressure upon the curved portions of the work. Reg. No. 9,266.

Pat. 2,293,080. SHOE MACHINE. Patented Aug. 18, 1942. A trimming machine having a shoe upper engaging template with a thin, flexible portion to fit various curvatures and a thick, rigid portion to bridge the shank of the shoe and guide an operation around the margin of the shoe, partly by contact with the template and partly by the upper, the thin portion being arranged to transfer the guiding action from the template to the upper, and vice versa. Reg. No. 9,267.

Pat. 2,293,243. MACHINE FOR ASSEMBLING INSOLES AND BACK PARTS OF SHOES. Patented Aug. 18, 1942. Relates to a device comprising an insole supporting plate and gages for positioning an insole on the plate and a shoe back part with the forward ends of its flange on the insole and the rear portion of the flange spaced from the insole while the forward ends are tacked or stapled to the insole. Reg. No. 9,268.

Pat. 2,293,244. MACHINE FOR FASTENING UPPERS TO INSOLES. Patented Aug. 18, 1942. A modified heel seat lasting machine in which the wipers are held stationary in closed position and serve as means for pressing the flange of a molded heel part of a shoe upper down on an insole on a metal form or last while tacks are driven to secure the upper and insole together. Reg. No. 9,269.

Pat. 2,293,252. FINISHING EDGES OF SHEET MATERIAL. Patented Aug. 18, 1942. Relates to a machine in which a finishing bead of plastic material is applied to the raw edge of a sheet of leather by feeding the edge portion of the sheet through an opening in the side of an extrusion nozzle. The opening is formed at its ingoing side to fit the work and is larger at its outgoing side, to form a bead of extruded material on the edge of the work. Reg. No. 9,270.

Pat. 2,293,738. SHOE LASTING AND SEWING MACHINE. Patented Aug. 25, 1942. A stitchdown thread lasting machine is provided with a welt guide to permit sewing a grooved welt to a shoe upper and a portion of the insole while the upper is being lasted. The welt guide is moved away from the upper during the feed of the work and toward the upper during the stitch forming operation. Reg. No. 9,271.

Pat. 2,293,794. ADHESIVE APPLYING ROLL. Patented Aug. 25, 1942. Relates to a method of and means for mounting a cover on an adhesive applying roll. The cover is first slipped over the roll and permanently secured at one end. Then it is tensioned and held under tension by springs hooked into the other end while the second end is permanently secured to the roll. Reg. No. 9,272.

Pat. 2,293,834. FASTENING-INSERTING MACHINE. Patented Aug. 25, 1942. Relates to a heel attaching machine in which a shoe support is moved by power, from a position in co-operative relation with mechanism which drills a hole through the heel seat of the shoe into the heel, to a position in which a screw driving mechanism drives a heel attaching screw into the drilled hole and then back to the starting position. Reg. No. 9,273.

Pat. 2,293,863. MACHINE FOR AND METHOD OF OPERATING UPON THE HEEL PORTIONS OF SHOES. Patented Aug. 25, 1942. A heel attaching machine having a shoe and heel support and a feeler cooperating with the support to control the extent of movement of a reciprocatory fastening driver by which a heel attaching fastening is driven. Reg. No. 9,274.

Pat. 2,294,443. MACHINE FOR OPERATING UPON SOLES. Patented Sept. 1, 1942. Relates to an insole lip-setting machine having a lower fixed plow against which a sole is pressed by a supporting roll and an upper spring-pressed plow which engages the sole at the other side of the lips and follows the sole surface regardless of variations in sole thickness. Reg. No. 9,275.

Pat. 2,294,472. SOLE MARGIN CEMENTER. Patented Sept. 1, 1942. A machine having a pair of cement nozzles pivotally mounted on swinging arms capable of tilting heightwise of the work. Sole edge guides on the nozzles follow the contour of opposite edges of a sole fed in a straight line between the nozzles, and the margins along both sides of the sole are coated simultaneously with cement. Reg. No. 9,276.

Pat. 2,294,481. METHOD AND APPARATUS FOR USE IN SHOEMAKING EMPLOYING HEAT. Patented Sept. 1, 1942. Relates to a shoe rack for metallic lasts. Sockets in the cones of the lasts are placed on jack pins containing electric resistance heating units by means of which the lasts are kept hot while shoes upon them are being transferred from one operation to another. Reg. No. 9,277.

Pat. 2,295,622. ABRADING MACHINE. Patented Sept. 15, 1942. A buffing machine the feature of which is a replaceable work engaging member of wire in a resiliently yieldable finger which presses the work against a buffing tool. The wire protects the finger from damage by contact with the buffing tool and may easily be replaced if damaged by such contact. Reg. No. 9,278.

Pat. 2,295,662. FASTENER FORMING AND INSERTING MACHINE. Patented Sept. 15, 1942. A machine for shearing from wire a double clench fastener having at each end an inclined face which determines the direction of the clench, driving and clenching it. The severed fastener is driven from a passageway in a throat in which all fasteners are similarly oriented so they will all clench in the same direction. Reg. No. 9,279.

Pat. 2,295,677. MACHINE FOR OPERATING ON SHOE UPPERS. Patented Sept. 15, 1942. A flange forming and trimming machine in which a flange at the back part of a shoe upper is wiped in and trimmed to a predetermined contour, and the upper is molded substantially to final shape. Reg. No. 9,280.

Pat. 2,295,682. MACHINE FOR PREPARING WELTING. Patented Sept. 15, 1942. Relates to a cement extruding machine provided with a special nozzle and guide to adapt it for coating a beveled margin of a strip of welting. The machine drive is interconnected with a drive for a reel specially constructed to receive and hold the coated strip while the cement dries. Reg. No. 9,281.

Pat. 2,295,690. MACHINE FOR TREATING COUNTERS. Patented Sept. 15, 1942. A machine including a pair of dies arranged to form longitudinal corrugations in the forward ends of the inturned flange of a molded counter to make the ends of the flange sufficiently pliable to be easily lasted. Reg. No. 9,282.

Pat. 2,295,695. ABRADING MACHINE. Patented Sept. 15, 1942. A buffing machine in which the work is pressed against a buffing roll by a series of pneumatically actuated fingers arranged in rows, the fingers in one row being staggered with relation to those of the other row. An intermittently operated air jet blows the dust from the buffing roll. Reg. No. 9,283.

Pat. 2,295,700. DEVICE FOR USE IN APPLYING PRESSURE TO SHOE BOTTOMS. Patented Sept. 15, 1942. A device for use in a cement sole attaching machine when using pressure responsive cement. A very thin, polished plate is secured to a toe gage by which a cemented shoe is positioned relatively to a cemented sole, to prevent the shoe from touching the sole before the shoe is properly positioned. The gage and plate are withdrawn before attaching pressure is applied. Reg. No. 9,284.

Pat. 2,296,283. MACHINE FOR SHAPING UPPERS OVER LASTS. Patented Sept. 22, 1942. A fluid pressure operated gripper mechanism in a pulling-over machine for subjecting a shoe upper to a series of rapidly repeated pulling impulses in the pause in the cycle which occurs after the initial pull on the upper. Reg. No. 9,285.

Pat. 2,298,337. PRESS. Patented Oct. 13, 1942. Relates to a clicking press having a vertically adjustable cutting block and hydraulic mechanism for elevating the block to, and holding it in, operative position. This serves to permit release of the presser arm if stalled on the block, or adjustment of a stop against which the block is positioned when the block is raised by the hydraulic mechanism. Reg. No. 9,286.

Pat. 2,298,384. MACHINE FOR USE IN MAKING PREWELT SHOES. Patented Oct. 13, 1942. A machine for preparing a prewelt upper for assembly with an insole, filler and outsole assembly, comprising driven mating rolls for premolding the toe end of the upper and bending the welt into sole attaching position. Reg. No. 9,287.

Pat. 2,298,389. ASSEMBLING MACHINE. Patented Oct. 13, 1942. A machine for assembling on a last heel portions of stitchdown upper parts, comprising a last depressor and wipers which may be retracted to enable the operator to pull up the quarter linings with hand pincers. Reg. No. 9,288.

Pat. 2,298,390. LASTING MACHINE. Patented Oct. 13, 1942. A machine for lasting prewelt shoes comprising lasting rolls operating in the welt crease, rolls for pressing the welted margin to cement it to an insole, and means for feeding the shoe through the rolls. Reg. No. 9,289.

Pat. 2,298,430. TRIMMING MACHINE. Patented Oct. 13, 1942. Relates to a machine for trimming crepe soles, the chief feature of novelty being in a feed roll designed to prevent distortion of the sole during the trimming operation, which is performed by a reciprocatory knife. Reg. No. 9,290.

Pat. 2,299,159. FINISHING TOOL. Patented Oct. 20, 1942. Relates to an edge setting tool comprising two interlocking sections which are automatically adjusted toward or from each other during the edge setting operation so as to keep the width of the tool correlated with the thickness of the sole at the point of operation. Reg. No. 9,291.

Pat. 2,299,176. ROUGHING MACHINE. Patented Oct. 20, 1942. A shoe upper roughing machine employing two closely adjacent rotary wire brushes relatively adjustable heightwise by treadle action to operate upon a narrow or wide band, as the case may be, on the shank and forepart portions, respectively, of a shoe bottom. Reg. No. 9,292.

Pat. 2,299,788. LIP TURNING MACHINE. Patented Oct. 27, 1942. An insole lip turning machine having separate lip raising, lip turning, and lip setting means, operating in sequence, with means for backing up the lip while it is being operated upon by pounding means, to prevent bulging or distortion of the lip material and insure straightness of the shoulder formed. Reg. No. 9,293.

Pat. 2,299,818. MACHINE FOR CUTTING SHEET MATERIAL. Patented Oct. 27, 1942. Relates to a die assembly adapted for use in cutting pieced heel lifts in a clicking machine. A plurality of heel lift dies of different sizes are arranged below a yieldable table upon which the material to be cut is positioned and are so secured that they can be readily adjusted or removed. Reg. No. 9,294.

Pat. 2,300,462. FOLDING MACHINE. Patented Nov. 3, 1942. Relates to a folding machine in which a rotatable hammer consisting of a roll having spiral grooves in its work engaging surface is rotated about an axis substantially normal to the direction of feed of the work. This roll assists in the feeding operation and exerts an inward force on the upturned margin of the work as the margin is folded back upon the body of the work. Reg. No. 9,295.

TRADE-MARKS

OFFICIAL GAZETTE, MARCH 9, 1948

[VOL. 608, NO. 2]

ACT OF 1905

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication. As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Marks published for opposition under the act of 1946 follow the 1905 publications.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 499,585. VELSICOL CORPORATION, Chicago, Ill. Filed Apr. 3, 1946.

VELSICOL

FOR RESINS ESSENTIALLY OF PETROLEUM ORIGIN, HAVING A GENERAL USE IN THE INDUSTRIAL ARTS.

Claims use since December 1936.

Ser. No. 499,589. VELSICOL CORPORATION, Chicago, Ill. Filed Apr. 3, 1946.



FOR RESINS, ESSENTIALLY OF PETROLEUM ORIGIN, HAVING A GENERAL USE IN THE INDUSTRIAL ARTS.

Claims use since December 1936.

Ser. No. 508,836. COLUMBIAN ROPE COMPANY, Auburn, N. Y. Filed Sept. 11, 1946.

Co-Ro-Mil

FOR MOLDING MATERIAL COMPOSED OF DESICCATED VEGETABLE FIBER AND RESIN.

Claims use since Jan. 1, 1944.

Ser. No. 521,338. LAMINATED PLASTICS, INC., East Cleveland, Ohio. Filed Apr. 25, 1947.

MOLAM

FOR PARTLY PREPARED MATERIALS FORMED BY SUBJECTING REINFORCING MATERIAL (CONSISTING OF GLASS FIBER, CLOTH OR PAPER) AND THERMOPLASTIC RESINOUS BONDING AGENTS TO HEAT AND PRESSURE WHICH ARE SOLD TO THE TRADE IN THE FORM OF THIN, FLAT SHEETS OR MOLDED ARTICLES OF VARYING SIZES AND SHAPES.

Claims use since Feb. 27, 1946.

Ser. No. 522,184. HARBUTT'S PLASTICINE LIMITED, Bathamton, near Bath, England. Filed May 10, 1947.

PLASTICINE

FOR MODELING PASTE.

Claims use since Feb. 14, 1899.

Ser. No. 522,831. EAGLE-OTTAWA LEATHER COMPANY, Grand Haven, Mich. Filed May 22, 1947.

TUFTOE

FOR LEATHER.

Claims use since June 1938.

CLASS 2

RECEPTACLES

Ser. No. 516,546. INSOLL MANUFACTURING COMPANY, Chicago, Ill. Filed Jan. 29, 1947.

BILL-MASTER

Registration rights for the word "Bill," except in the association shown, are disclaimed.

FOR DEVICE FOR HANDLING AND STORAGE OF PAPER MONEY.

Claims use since Jan. 15, 1947.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 517,989. GARAY & CO., INC., New York, N. Y. Filed Feb. 24, 1947.

Garastraw

FOR HANDBAGS.

Claims use since Dec. 4, 1945.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 482,193. JOHN BIRD COMPANY, doing business as The Atlantic Spice Company, Rockland, Maine. Filed Apr. 16, 1945.

THREE CROW

FOR CREAM OF TARTAR, SALERATUS, BAKING SODA, PETROLATUM, EPSOM SALTS, CAMPHOR, FRIARS' BALSAM, AND SULPHUR.

Claims use on cream of tartar, saleratus, soda, petrolatum, epsom salts, camphor, friars' balsam, since Apr. 1, 1890; and on sulphur since Apr. 1, 1919.

Ser. No. 495,395. MAYFLOWER MANUFACTURING COMPANY, Mineral Wells, Tex. Filed Jan. 25, 1946.

Pal Pinto

FOR RUBBING ALCOHOL AND REMEDIES FOR INTERNAL AND EXTERNAL USE, FOR ALLEVIATION OF SUCH AILMENTS AND DISORDERS AS ACHES AND PAINS, HEADACHE, STOMACH ACHE, CONSTIPATION, KIDNEY AND BLADDER DISORDERS, AND GENERAL DEBILITY.

Claims use since November 1945.

Ser. No. 501,963. HELEN ENGLISH, INC., Rochester, N. Y. Filed May 13, 1946.

FIRST LOVE

FOR COSMETICS—NAMELY, PERFUME, COLOGNE, FACE POWDER, LIPSTICK, AND COMBINATION COSMETIC KITS CONTAINING FACE POWDER, LIPSTICK, AND COLOGNE.

Claims use since Sept. 13, 1943.

Ser. No. 503,196. MAX FACTOR & CO., Los Angeles, Calif. Filed June 3, 1946.

TELE-GENIC

FOR POWDER FOUNDATION CREAM, SOLIDIFIED CREAM USED FOR A MAKE-UP BASE, LIP GLOSS, AND FACE POWDER.

Claims use since Apr. 17, 1946.

Ser. No. 505,187. DERMATOLOGICAL PRESCRIPTION LABORATORIES, INC., San Francisco, Calif. Filed July 8, 1946.

"HYDROLATUM"

FOR OINTMENT BASE IN WHICH TO DISPENSE DRUGS AND CHEMICALS USED IN THE TREATMENT OF SKIN DISEASES.

Claims use since Dec. 19, 1944.

Ser. No. 506,094. CLIFTON CHEMICAL CO., INC., New York, N. Y. Filed July 23, 1946.

Foo Lee

FOR LIQUID SHAMPOO.

Claims use since May 1, 1946.

Ser. No. 508,523. ILLINOIS AGRICULTURAL ASSOCIATION, Chicago, Ill. Filed Sept. 5, 1946. Under the act of February 20, 1905, as amended June 10, 1938.



FOR INSECT SPRAY, DRY INSECTICIDES, LIQUID DIP, MANGE OIL, AND WHITE MINERAL OIL FOR MEDICINAL PURPOSES.

Claims use since 1930 on insecticides; and since 1932 on liquid dip, mange oil, and white mineral oil.

Ser. No. 509,734. STADDON & KILBOURN, LIMITED, Montreal, Quebec, Canada. Filed Sept. 25, 1946.

Halcyon Nights

FOR PERFUMES.

Claims use since June 5, 1946.

Ser. No. 509,736. STADDON & KILBOURN, LIMITED, Montreal, Quebec, Canada. Filed Sept. 25, 1946.

Scimitar

FOR PERFUMES.

Claims use since June 7, 1946.

Ser. No. 509,737. STADDON & KILBOURN, LIMITED, Montreal, Quebec, Canada. Filed Sept. 25, 1946.

Vagrant

FOR PERFUMES.

Claims use since May 29, 1946.

Ser. No. 509,933. E. FREDERICS, INC., Long Island City, N. Y. Filed Sept. 28, 1946.

HAIR TRANE

The word "Hair" is disclaimed apart from the mark as shown.

FOR WAVESET AND A TOILET PREPARATION FOR THE HAIR.

Claims use since March 1938.

Ser. No. 511,055. NETTIE ESSARY, Big Spring, Tex. Filed Oct. 1, 1946.

NETTIE'S

FOR LINIMENT.

Claims use since Mar. 15, 1943.

Ser. No. 511,085. HALFORD LABORATORIES, Fresno, Calif. Filed Oct. 18, 1946.

HEMOSTATIC COAGO PAD

The words "Hemostatic Pad" are disclaimed.

FOR PHARMACEUTICAL PREPARATION FOR USE IN THE TREATMENT OF EXCESSIVE BLEEDING FOLLOWING ORAL SURGERY OR OTHER SMALL WOUNDS.

Claims use since July 1, 1946.

Ser. No. 511,960. THE RAT BISCUIT COMPANY, doing business as The K-R-O Company, Springfield, Ohio. Filed Nov. 2, 1946.

RAT STOP

Applicant disclaims the word "Rat" apart from the mark.

FOR RAT EXTERMINATING POWDER.

Claims use since Oct. 21, 1946.

Ser. No. 512,066. KATHLEEN MARY QUINLAN, INC., New York, N. Y. Filed Nov. 5, 1946.

suncloud

FOR SUNBURN PREVENTATIVE CONTAINING MENTHYL SALICYLATE.

Claims use since Oct. 18, 1946.

Ser. No. 512,726. WILLIAM R. WARNER & CO., INC., New York, N. Y. Filed Nov. 15, 1946.

Gelu-cillin

FOR COMPOSITION OF PENICILLIN AND ALUMINUM HYDROXIDE GEL WITH CALCIUM CARBONATE FOR USE IN THE ORAL ADMINISTRATION OF PENICILLIN.

Claims use since May 25, 1946.

Ser. No. 515,060. A. DE ST. DALMAS & CO., LTD., Leicester, England. Filed Dec. 31, 1946.

DALZOFLEX

FOR MEDICATED PLASTERS FOR USE IN CHRONIC AND LATENT PHLEBITIS AND THROMBO-PHLEBITIS AND IN THE TREATMENT OF VARIOUS RHEUMATIC DISEASES.
Claims use since 1930.

Ser. No. 515,916. STRANGE LABORATORIES, INC., Tucson, Ariz. Filed Jan. 17, 1947.

KUAN YIN
by Strange

The words "By Strange" are specifically disclaimed.
FOR PERFUMES, COLOGNES, PERFUME CONCENTRATES, AND AFTER-SHAVING LOTION.
Claims use since Dec. 13, 1943.

Ser. No. 516,292. RICHARD P. JORGENSEN, doing business as Zodiac House, Hollywood, Calif. Filed Jan. 24, 1947.

star sent

FOR PERFUME.
Claims use since Dec. 6, 1946.

Ser. No. 516,419. ELMER T. KELLEY, doing business as Kekell Company, Louisville, Ky. Filed Jan. 27, 1947.

BIM

FOR ATHLETIC FOOT REMEDY.
Claims use since Feb. 23, 1943.

Ser. No. 517,601. WEST VIRGINIA PULP AND PAPER COMPANY, New York, N. Y. Filed Feb. 15, 1947.

SUCHAR

FOR FILTERING, CLARIFYING, AND DECOLORIZING CARBONS.
Claims use since Apr. 22, 1944.

Ser. No. 518,226. RICHARD HUDNUT, New York, N. Y. Filed Feb. 27, 1947.

MAPLE RED

Registration rights in the word "Red" apart from the mark shown are hereby disclaimed.
FOR ROUGE AND LIPSTICK.
Claims use since Feb. 20, 1947.

Ser. No. 518,837. THE LANDER CO., INC., New York, N. Y. Filed Mar. 11, 1947.

GOLDEN
APPLE BLOSSOM

The words "Apple Blossom" are disclaimed apart from the mark.
FOR BODY POWDER, TOILET WATER, PERFUME, BUBBLE BATH, BATH CRYSTALS AND PERFUMED SACHET IN POWDER FORM.
Claims use since Mar. 1, 1947.

Ser. No. 518,839. THE LANDER CO., INC., New York, N. Y. Filed Mar. 11, 1947.

GOLDEN GARDENIA

The word "Gardenia" is disclaimed apart from the mark.
FOR BODY POWDER, BATH CRYSTALS, PERFUME, TOILET WATER, PERFUMED SACHET IN POWDER FORM, AND BUBBLE BATH.
Claims use since Mar. 1, 1947.

Ser. No. 519,407. NACO FERTILIZER COMPANY, New York, N. Y. Filed Mar. 21, 1947.

NACO
N A C
BRAND

The word "Brand" is disclaimed apart from the mark. The outside circle or rim of mark is blue; the wide band inside the said outside rim is white with the words "Naco Brand" lined in red; the center or inside circle is blue with the letters "N A C" in white.
FOR INSECTICIDE AND FUNGICIDE.
Claims use since July 1, 1918.

Ser. No. 519,889. WALTER MORRIS PRODUCTS, INC., Philadelphia, Pa. Filed Mar. 31, 1947.

GOLD KID

FOR PERFUME.
Claims use since Nov. 5, 1946.

Ser. No. 522,742. THE GLIDDEN COMPANY, Cleveland, Ohio. Filed May 21, 1947.

WIL-WEED

No claim is made to the word "Weed" apart from the association shown.
FOR HERBICIDES.
Claims use since June 4, 1946.

Ser. No. 522,749. BURROUGHS WELLCOME & CO. (U. S. A.), INC., New York, N. Y. Filed May 21, 1947.

TIMOFAX

FOR FUNGICIDAL PREPARATION FOR EXTERNAL USE ONLY.
Claims use since May 6, 1947.

Ser. No. 525,194. CHEMOLA MANUFACTURING COMPANY, Houston, Tex. Filed June 30, 1947.

RUSTORANT

FOR RUST REMOVER IN LIQUID FORM FOR REMOVING RUST SPOTS FROM FABRIC.
Claims use since June 27, 1947.

Ser. No. 525,936. CIBA LIMITED, Basel, Switzerland, assignor to Ciba Pharmaceutical Products, Inc., Lafayette Park, Summit, N. J. Filed July 3, 1947.

FITINA

FOR NERVE AND GENERAL TONIC.
Claims use since July 31, 1930.

Ser. No. 526,261. LEKTROLITE CORPORATION, New York, N. Y. Filed July 4, 1947.

LEKTROLITE

FOR FUEL FOR LIGHTERS.
Claims use since June 1, 1933.

CLASS 7
CORDAGE

Ser. No. 509,982. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio. Filed Sept. 30, 1946.

Koroseal

FOR COATED CLOTHES LINE.
Claims use since 1939.

CLASS 9

EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES

Ser. No. 512,282. WILLIAM J. H. ENGELKE, doing business as Pan American Fireworks Company, Fort Worth, Tex. Filed Nov. 8, 1946.



The drawing is lined to indicate the color red.
FOR FIREWORKS PIECE COMPRISING A CHARGED TUBULAR STRUCTURE CAPABLE OF EMITTING WHISTLING SOUNDS WHEN IGNITED AND PERFORMING A VARIETY OF MOVEMENTS.
Claims use since Aug. 1, 1946.

Ser. No. 522,177. KENNETH D. RICHARDS, Gardner, Mass. Filed May 9, 1947.

SUPER "C"

FOR RECOIL REDUCING COMPENSATORS FOR FIREARMS.
Claims use since Apr. 12, 1947.

CLASS 11

INKS AND INKING MATERIALS

Ser. No. 513,650. BEMIS BRO. BAG COMPANY, doing business as Bemis Machine Shop, Indianapolis, Ind. Filed Dec. 4, 1946.

TRANS-OUT

The word "Out" is disclaimed apart from the mark.
FOR COTTON WASHOUT INK.
Claims use since Sept. 6, 1946.

CLASS 12

CONSTRUCTION MATERIALS

Ser. No. 476,313. UNITED STATES GYPSUM COMPANY, Chicago, Ill. Filed Nov. 9, 1944.

INSO - BAK

The word "Bak" is disclaimed apart from the mark shown.
FOR INSULATION BOARD.
Claims use since April 1940.

Ser. No. 509,817. THE BAER AMERICAN WINDOW COMPANY, Cleveland, Ohio. Filed Sept. 27, 1946.

VENTI/KLEEN

The word "Kleen" is disclaimed.
FOR WINDOWS FOR HOMES AND BUILDINGS.
Claims use since Sept. 20, 1946.

Ser. No. 513,432. KOZY MANUFACTURING COMPANY, Exira, Iowa. Filed Nov. 29, 1946.

KOZY

FOR HOUSES, GARAGES, HEN HOUSES, AND GRAIN BINS AND CORN CRIBS IN THE NATURE OF HOUSES OR BUILDINGS, ALL OF RELATIVELY LARGE SIZE, CUSTOMARILY SHIPPED IN KNOCK-DOWN SECTIONS AND ASSEMBLED AT THE POINT OF USE.
Claims use on houses, since January 1940; on garages, since January 1941; on hen houses, since January 1937; on grain bins, since January 1931; and on corn cribs, since January 1931.

Ser. No. 520,692. FABCRETE CORPORATION, Richmond, Va. Filed Apr. 15, 1947.

FABCRETE

No claim is made to the representation of the goods apart from the mark.
FOR BUILDING UNITS MADE OF CEMENT, REINFORCED STEEL, AND ANY SUITABLE MATERIAL TO FORM A REINFORCED CONCRETE FLOOR, WALL OR ROOF UNIT.
Claims use since Feb. 13, 1947.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 510,458. VAB PRODUCTS LIMITED, London, England. Filed Oct. 8, 1946.

VAB

FOR JOINT SLEEVES, VALANCE SLEEVES, VALANCE HOOKS, VALANCE BRACKETS, END STOPS, BRACKETS, CURTAIN HOOKS, ROLLERS, RINGS, RODS, RAILS AND RUNNERS, GLIDES, SUSPENDERS ALL BEING CURTAIN FITTINGS OF ORDINARY METAL.
Claims use since February 1924.

Ser. No. 514,436. HAZEL JELL SEGELKE, doing business as Baskook Company, Los Angeles, Calif. Filed Dec. 17, 1946.

BASKOOK

FOR BASKET COOKERS (CULINARY UTENSILS).
Claims use since Nov. 16, 1946.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 509,567. DOMINION MAGNESIUM LIMITED, Haley Station, Ontario, Canada. Filed Sept. 23, 1946.



Applicant disclaims the representation of an ingot except when used in association with other features of the mark.
FOR MAGNESIUM AND CALCIUM METALS AND THEIR ALLOYS.
Claims use since Sept. 17, 1945.

Ser. No. 519,573. EWALD IRON COMPANY, Louisville, Ky. Filed Mar. 26, 1947. Under 10-year proviso.

Tenn. C. C. Bloom Iron.

FOR ROLLED AND HAMMERED IRON BARS AND RODS FOR USE IN MAKING PLATES, SHEETS AND STAYBOLTS.
Claims use since Jan. 1, 1881.

Ser. No. 519,574. EWALD IRON COMPANY, Louisville, Ky. Filed Mar. 26, 1947. Under 10-year proviso.

LAUREL.

FOR ROLLED AND HAMMERED IRON BARS AND RODS, FOR USE IN MAKING PLATES, SHEETS AND STAYBOLTS.
Claims use since Sept. 27, 1889.

Ser. No. 519,575. EWALD IRON COMPANY, Louisville, Ky. Filed Mar. 26, 1947. Under 10-year proviso.

E. I. C.

FOR ROLLED AND HAMMERED IRON BARS AND RODS FOR USE IN MAKING PLATES, SHEETS AND STAYBOLTS.
Claims use since Jan. 1, 1881.

CLASS 15

OILS AND GREASES

Ser. No. 479,464. AUSTIN T. COLLINS, doing business as Miracle Lubricating Company, Detroit, Mich., assignor to Miracle Lubricating Company, Detroit, Mich., a corporation of Michigan. Filed Feb. 6, 1945.

Miracle

FOR LUBRICATING OILS AND GREASES AND GRAPHITE LUBRICANTS.
Claims use since Apr. 4, 1940.

Ser. No. 520,766. PREVENTIVE MAINTENANCE COMPANY, Bridgeport, Conn. Filed Apr. 15, 1947.

Rubber Flo

The word "Rubber" is disclaimed apart from the mark.
FOR WAX AND SOAP BASE LUBRICANTS FOR COATING RUBBER MOLDS TO PREVENT STICKING.
Claims use since Feb. 8, 1946.

Ser. No. 525,146. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed June 28, 1947.

STANODRIP

Applicant is the owner of Reg. No. 406,932.
FOR LUBRICATING OILS.
Claims use since Feb. 17, 1939.

Ser. No. 525,152. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed June 28, 1947.

STANOSTAMP

Applicant is the owner of Reg. No. 406,932.
FOR LUBRICATING OILS.
Claims use since Aug. 5, 1931.

Ser. No. 525,385. OAKES & COMPANY, Chicago, Ill. Filed July 1, 1947.

FARMITT

FOR MOTOR LUBRICATING OIL AND LUBRICATING GREASES.
Claims use since May 22, 1947.

Ser. No. 525,935. NORTHEASTERN PETROLEUM CO., INC., Rochester, N. Y. Filed July 3, 1947.

NORTHEASTERN PETROLEUM CO.
OILING THE WHEELS OF INDUSTRY

The words "Petroleum Co." and "Oiling the Wheels of Industry" are disclaimed.
FOR GEAR OILS, TRACK ROLLER LUBRICATING GREASES, HIGH PRESSURE LUBRICATING GREASES, SPECIALTY GREASES, LUBRICATING OILS FOR MOTORS AND HYDRAULIC HOISTS, AND ORGANIC RUST PREVENTIVE PREPARATIONS HAVING A VOLATILE PETROLEUM LIQUID BASE FOR DEPOSITING A SOLID PROTECTIVE COATING.
Claims use since Mar. 20, 1946.

CLASS 17

TOBACCO PRODUCTS

Ser. No. 507,877. FRITZ S. BAER, doing business as F. S. Baer Co., Los Angeles, Calif. Filed Aug. 23, 1946.



FOR CIGARS.
Claims use since Apr. 12, 1945.

CLASS 21

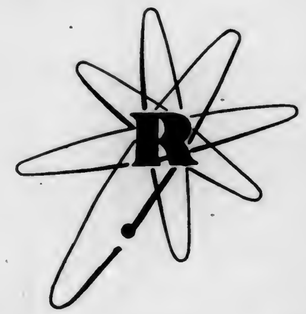
ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 503,677. THE SIGHT FEED GENERATOR COMPANY, West Alexandria, Ohio. Filed June 11, 1946.

SIGHT FEED

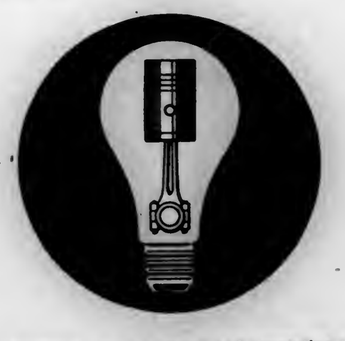
FOR ELECTRIC WELDERS.
Claims use since October 1939.

Ser. No. 509,939. THE HARMAN CORPORATION, New York, N. Y. Filed Sept. 28, 1946.



FOR ELECTRONICALLY LIGHTED ADVERTISING SIGNS.
Claims use since Aug. 12, 1946.

Ser. No. 515,943. DIESELITE ENGINEERING CO., Chicago, Ill. Filed Jan. 18, 1947.



The representation of a piston and connecting rod are disclaimed.
FOR DIESEL MOTOR GENERATORS.
Claims use since March 1946.

Ser. No. 517,922. J. CONSTANT VAN RIJN, Woodstock, N. Y. Filed Feb. 21, 1947.

ROTRON

FOR COOLING APPARATUS FOR COOLING ELECTRONIC VACUUM TUBES, THE APPARATUS BEING COMPRISED OF COOLING JACKETS, ELECTRIC SWITCHES, BLOWERS, FANS AND ELECTRIC MOTORS, AND FOR THE SAID COOLING JACKETS, ELECTRIC SWITCHES, BLOWERS, FANS, AND ELECTRIC MOTORS.
Claims use since Feb. 12, 1947.

Ser. No. 520,310. M. J. TORRANCE ELECTRICAL SUPPLIES CO., INC., Rock Island, Ill. Filed Apr. 7, 1947.



No claim is made to the word "Production" or to the representation of the electric motors apart from the mark as shown.
FOR ELECTRIC MOTORS.
Claims use since July 1, 1946.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 497,390. INTERNATIONAL DERRICK & EQUIPMENT COMPANY, Columbus, Ohio. Filed Feb. 28, 1946.

HYDRAIR

FOR CABLE WINCHES, HOISTS AND PARTS THEREOF, FOR USE IN OIL FIELD EQUIPMENT, SAID WINCHES AND HOISTS BEING PROVIDED WITH HYDRAULIC TORQUE CONVERTERS AND PNEUMATICALLY ACTUATED CLUTCHES.
Claims use since Jan. 2, 1946.

Ser. No. 501,971. JOSEPH R. GERBER, Portland, Oreg., assignor to Gerber Legendary Blades, Portland, Oreg., a corporation of Oregon. Filed May 13, 1946.

EXCALIBUR

FOR CARVING KNIVES.
Claims use since December 1940.

Ser. No. 507,789. BEAUMONT IRON WORKS COMPANY, Beaumont, Tex. Filed Aug. 20, 1946.

DREADNAUGHT

FOR FINISHED CASTINGS AND WELLHEADS, TUBING HEADS, CASING HEADS, TRAVELING BLOCKS, CROWN BLOCKS, SNATCH BLOCKS, DRAW WORKS AND CORING REELS.
Claims use since Jan. 10, 1918.

Ser. No. 509,643. ENGLEHART MANUFACTURING COMPANY, Davenport, Iowa. Filed Sept. 24, 1946.



The words "The" and "Line" are disclaimed. The shading represents the colors red, yellow, and blue.
FOR HAMMER MILLS AND GARDEN TRACTORS.
Claims use since Sept. 4, 1946.

Ser. No. 514,165. RUTTER ARMEY, Fresno, Calif. Filed Dec. 13, 1946.

BUTT-O-MATT

FOR BUTTER CUTTING AND DISPENSING MACHINES.
Claims use since Feb. 1, 1946.

Ser. No. 515,819. THE CROSS COMPANY, Detroit, Mich. Filed Jan. 16, 1947.

Transfer-matic

FOR DRILLING MACHINES, MILLING MACHINES, BORING MACHINES, TAPPING MACHINES, AND METAL TURNING MACHINES.
Claims use since Jan. 7, 1947.

Ser. No. 516,302. MUTUAL TRUCK PARTS CO. INC., Chicago, Ill. Filed Jan. 24, 1947.

MUTUAL

The mark is lined for shading purposes only.
FOR AUTOMOBILE JACKS, TRANSMISSIONS, DIFFERENTIALS, WINCHES, AND ENGINES.
Claims use since October 1935.

Ser. No. 518,020. MARKWELL MFG. CO., INC., New York, N. Y. Filed Feb. 24, 1947.

FEATHERWEIGHT

FOR STAPLING MACHINES USED FOR FASTENING PAPERS, CARDBOARD, FABRICS AND LIGHT GAGE METAL TOGETHER. ALSO FOR FASTENING PAPERS, CARDBOARD, FABRICS, AND LIGHT GAGE METAL ON TO WOOD.
Claims use since Mar. 10, 1943.

Ser. No. 518,812. BEAVER PRODUCTS, INC., Portland, Oreg. Filed Mar. 11, 1947.

WOOD-KING

No claim is made to any exclusive right to the word "Wood" apart from the mark.
FOR WOOD JOINTER.
Claims use since Feb. 1, 1947.

Ser. No. 519,879. MAGOR CAR CORPORATION, New York, N. Y. Filed Mar. 31, 1947.

BULL'S EYE BRAND



No claim is made to the word "Brand" apart from the mark as shown. The lining used in the drawing is to indicate shading only.
FOR SHOVELS, SCOOPS, AND SPADES.
Claims use since April 1933.

Ser. No. 519,882. MAGOR CAR CORPORATION, New York, N. Y., and Passaic, N. J. Filed Mar. 31, 1947.

BULLET BRAND



No claim is made to the word "Brand" apart from the mark. The lining used in the drawing is to indicate shading only.
FOR SHOVELS, SCOOPS, AND SPADES.
Claims use since Apr. 1, 1933.

Ser. No. 520,232. PREMIER ENGINEERING, DIVISION OF U. S. LITE-RAY COMPANY, Dayton, Ohio. Filed Apr. 5, 1947.

Premier

FOR WATER PUMPS, AND WATER DISTRIBUTION SYSTEMS AND PARTS THEREOF, SOLD SEPARATELY OR AS A UNIT, COMPRISING A PUMP, PRESSURE TANK, AUTOMATIC CONTROLS, VALVES AND PIPING THEREFOR.
Claims use since Oct. 9, 1932.

Ser. No. 520,253. BADGER BEARING CO., Milwaukee, Wis. Filed Apr. 7, 1947.



Applicant disclaims the representation of the goods as shown on the drawing apart from the mark.
FOR BALL BEARINGS, ROLLER BEARINGS, BALL AND ROLLER BEARING PILLOW BLOCKS AND BABBITTED PLAIN BEARINGS.
Claims use since Dec. 16, 1946.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Ser. No. 525,510. SUN OIL COMPANY, Philadelphia, Pa. Filed July 1, 1947.

SUNOCO

FOR POLISHING CLOTH IN INDIVIDUAL PIECES.
Claims use since Mar. 21, 1947.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 505,201. HIGGINS, INC., New Orleans, La. Filed July 8, 1946.

"ENDURON"

FOR CHAIR SEATS AND BUILT-IN PLYWOOD BENCHES OF NATURAL WOOD.
Claims use since May 1945.

Ser. No. 511,812. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio. Filed Oct. 31, 1946.

Koroseal

FOR FLEXIBLE IMPERVIOUS UPHOLSTERY COVERS.
Claims use since 1939.

Ser. No. 513,314. JACKSON MANUFACTURING CORPORATION, Chicago, Ill. Filed Nov. 27, 1946.

TY-MATIC

The word "Ty" is disclaimed apart from the mark.
FOR NECKTIE-RACKS.
Claims use since Sept. 18, 1946.

Ser. No. 516,330. TOMLINSON OF HIGH POINT, High Point, N. C. Filed Jan. 24, 1947.

American Informal

Applicant disclaims the word "American" except in the combination as shown.

FOR ARTICLES OF FURNITURE—NAMELY, BUFFETS, DINING TABLES, SERVING TABLES, CHINA CABINETS, CORNER CABINETS, WALL MIRRORS AND MIRRORS ASSOCIATED WITH ARTICLES OF FURNITURE, DINING CHAIRS, SOFAS, SHORT SOFAS, CLUB CHAIRS, WING CHAIRS, BARREL CHAIRS, OCCASIONAL CHAIRS, DESK CHAIRS, BENCHES, BEDS, DRESSERS, VANITIES, DRESSING TABLES, CHESTS OF DRAWERS, NIGHT TABLES, BEDROOM CHAIRS, BEDROOM BENCHES, HIGHBOYS, LOWBOYS, SECRETARIES, DESKS, COFFEE TABLES, CARD TABLES, END TABLES, LAMP TABLES, PIER TABLES, TILT-TOP TABLES, DROP-LEAF TABLES, BUTLER'S TABLES, CHAIRSIDE TABLES, WRITING TABLES, CONSOLE TABLES, STOOLS, LONG STOOLS, CUPBOARDS, BOOKCASES, COUCHES, DAY BEDS, FOLDING TABLES, SIDEBOARDS, CRADLES, SOFA TABLES, READING STANDS, WINDOW SEATS, BUREAUS, DRESSING SCREENS, AND PANELS THEREFOR.

Claims use since Dec. 20, 1946.

Ser. No. 517,913. KAUFMAN FURNITURE COMPANY, INC., Minneapolis, Minn. Filed Feb. 21, 1947.

Kuddle-Lounge

Applicant disclaims the word "Lounge" apart from the mark.

FOR OCCASIONAL CHAIRS.

Claims use since Nov. 1, 1945.

Ser. No. 524,158. SALMANSON & CO. INC., New York, N. Y. Filed June 13, 1947.



The words "Unpainted Furniture" and "Bilt" are disclaimed.

FOR BOOK CASES, BOOK SHELVES, CHESTS FOR CLOTHING AND LINENS, CHEST OF DRAWERS, CABINETS HAVING SHELVES AND/OR DRAWERS AND/OR PARTITIONING WALLS, PHONOGRAPH AND RECORD CABINETS, WARDROBES, KITCHEN TABLES, NIGHT TABLES, END TABLES, OCCASIONAL TABLES, DRESSING TABLES, MAGAZINE RACKS, BEDS, CRIBS, AND DESKS NONE OF WHICH ARTICLES ARE UPHOLSTERED

Claims use since Jan. 6, 1947.

Ser. No. 525,657. MONROE UPHOLSTERING COMPANY, Baltimore, Md. Filed July 2, 1947.



FOR UPHOLSTERED LIVING ROOM FURNITURE—NAMELY, UPHOLSTERED CHAIRS, UPHOLSTERED SOFAS, AND UPHOLSTERED SOFA BEDS.

Claims use since May 29, 1937.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 499,224. PATRICK J. GOUNGO, doing business as Trail-Train Barbecue and Cabin Service Company, Washington, D. C. Filed Mar. 29, 1946.

Trail Train

FOR BARBECUE COOKING EQUIPMENT, COMPRISING MOBILE UNITS FITTED WITH OVENS, GRILLS AND PITS USING CHARCOAL AS FUEL.

Claims use since Mar. 21, 1946.

Ser. No. 514,811. J. L. GILLEN COMPANY, Dowagaic, Mich. Filed Dec. 26, 1946.



The drawing is lined for black and red. The name "Gillen" is disclaimed.

FOR HOT WATER HEATERS AND FURNACES OPERATED BY FUEL OIL.

Claims use since on or about Dec. 16, 1946.

Ser. No. 515,451. VEIKKO VÄINÖ KAUKAMO RÄSÄNEN, Munkkiniemi, Finland. Filed Jan. 8, 1947.



The cross hatching in the drawing indicates black.

FOR ROOM AND BATH HEATING OVENS AND STOVES USING WOOD, GAS OR LIQUID FUEL, AND PARTS THEREOF.

Claims use since Jan. 2, 1945.

Ser. No. 516,040. SPECIALTIES APPLIANCE CORPORATION, Chicago, Ill. Filed Jan. 20, 1947.

Speciality DEEP SEA

The word "Speciality" is disclaimed.

FOR COOKERS FOR THE COOKING AND PREPARING OF FOOD FRIED IN DEEP FAT USING GAS FUEL.

Claims use since Apr. 27, 1935.

Ser. No. 517,095. TETRAD CO., Cleveland, Ohio. Filed Feb. 6, 1947.

TECO

FOR VALVES AND VALVE FITTINGS FOR USE ON GAS RANGES AND GAS HEATERS.

Claims use since June 15, 1946.

Ser. No. 518,036. QUAKER MANUFACTURING COMPANY, Chicago, Ill. Filed Feb. 24, 1947.

Quakertrol

FOR MECHANICALLY SYNCHRONIZED AIR AND OIL CONTROLS FOR OIL BURNING, HEATING AND COOKING EQUIPMENT.

Claims use since Jan. 17, 1947.

Ser. No. 518,060. ACET-A-TIPS COMPANY, Chicago, Ill. Filed Feb. 25, 1947.

ACET-A-TIPS

The word "Tips" is disclaimed apart from the mark.

FOR TIPS FOR ACETYLENE TORCHES.

Claims use since June 14, 1946.

Ser. No. 524,348. QUAKER MANUFACTURING COMPANY, Chicago, Ill. Filed June 17, 1947.

QUAKER

FOR OIL BURNING SPACE HEATERS, RANGES, AND CONVERSION BURNERS FOR CENTRAL HEATING PLANTS.

Claims use since May 15, 1941.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 517,477. GRATON & KNIGHT COMPANY, Worcester, Mass., and elsewhere. Filed Feb. 14, 1947. Under the 10-year proviso as to "Graton" and "Knight."

GRATON AND KNIGHT SPECIAL FIRM

No claim is made to the words "Special Firm" apart from the mark.
FOR LEATHER BELTING.
Claims use since March 1937; and since 1851 as to the words "Graton" and "Knight."

Ser. No. 517,478. GRATON & KNIGHT COMPANY, Worcester, Mass., and elsewhere. Filed Feb. 14, 1947. Under the 10-year proviso as to "Graton" and "Knight."

GRATON AND KNIGHT SPECIAL FLEXIBLE

No claim is made to the words "Special Flexible" apart from the mark.
FOR LEATHER BELTING.
Claims use since March 1937; and since 1851 as to the words "Graton" and "Knight."

Ser. No. 520,315. AFFILIATED RETAILERS, INC., New York, N. Y. Filed Apr. 8, 1947.

CONCORD

FOR TIRES COMPOSED OF RUBBER, RUBBER COMPOSITION, AND RUBBER AND FABRIC, AND TUBES.
Claims use since Nov. 15, 1946.

Ser. No. 521,701. SUN OIL COMPANY, Philadelphia, Pa. Filed May 1, 1947.

Dynagrip

FOR PNEUMATIC TIRES.
Claims use since Feb. 11, 1947.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Ser. No. 518,658. COMPASS RECORD COMPANY, INC., New York, N. Y. Filed Mar. 7, 1947.

COMPASS RECORDS

No registration rights are claimed herein for the word "Records" apart from the mark as a whole.
FOR PHONOGRAPHIC MECHANICALLY GROOVED PHONOGRAPH RECORDS, ALBUMS FOR SAID RECORDS SOLD EMPTY, AND ALBUMS OF MECHANICALLY GROOVED PHONOGRAPH RECORDS.
Claims use since Dec. 6, 1946.

CLASS 37

PAPER AND STATIONERY

Ser. No. 516,640. SCHOLFIELD SERVICE, INC., New York, N. Y., now by change of name Wheeldex Manufacturing Co. Inc., a corporation of New York. Filed Jan. 30, 1947.

SPINDEX

FOR ROTARY CARD INDEX FILES FOR USE ON DESKS OR TABLES.
Claims use since on or about Jan. 20, 1947.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 511,382. R. BERNARD DAVIS, Okmulgee, Okla. Filed Oct. 24, 1946.

Tribute Service

The word "Service" is disclaimed.
FOR PUBLICATIONS—NAMELY, UNDERWRITER'S LOOSELEAF MANUAL CONTAINING MATERIAL REGARDING LIFE INSURANCE, BANK SAVINGS, FINANCE PLANS, AND GENERAL INFORMATION AND SUPPLEMENTS ISSUED FROM TIME TO TIME, SOLD AS SUCH.
Claims use since Aug. 22, 1946.

Ser. No. 517,057. FELIX HINKLE, Canton, Ohio. Filed Feb. 6, 1947.

Canton's PUBLIC OPINION

The word "Canton's" is hereby disclaimed apart from the mark as shown.
FOR WEEKLY JOURNAL.
Claims use since Sept. 13, 1946.

Ser. No. 517,120. DEAR PUBLICATION & RADIO, INC., Jersey City, N. J. Filed Feb. 7, 1947.

Washington News Whiffs

The words "Washington" and "News" are disclaimed apart from the remainder of the mark.
FOR PERIODICAL NEWS COLUMN.
Claims use since Jan. 19, 1946.

Ser. No. 521,085. MARY NORMAN, Cleveland, Ohio. Filed Apr. 21, 1947.

Grete-Mark



No claim is made to the word "Mark" and the representation of the bookmark apart from the mark shown.
FOR PRINTED BOOK-MARKS.
Claims use since Oct. 1, 1946.

Ser. No. 521,944. TRACERLAB, INCORPORATED, Boston, Mass. Filed May 5, 1947.

tracerlog

FOR MONTHLY BULLETIN.
Claims use since Jan. 1, 1947.

Ser. No. 522,549. CALLING ALL GIRLS, INC., New York, N. Y. Filed May 16, 1947.

JABBERWOCKY and JIVE

FOR SECTION IN A MONTHLY MAGAZINE.
Claims use since November 1943.

Ser. No. 522,617. GILBERT L. LEWIS, doing business as Accurate Menu Service, Kansas City, Mo. Filed May 19, 1947.



FOR CLIP-ON CARDS FOR MENUS, SOLD AS SUCH.
Claims use since August 1942.

Ser. No. 524,256. ROAD AND TRACK, Hempstead, Long Island, N. Y. Filed June 16, 1947.

ROAD AND TRACK

FOR MONTHLY PUBLICATION.
Claims use since May 26, 1947.

Ser. No. 524,643. AIR CONDITIONING & REFRIGERATING MACHINERY ASSOCIATION, INC., Washington, D. C. Filed June 23, 1947.

ACRMA focus

FOR PERIODICAL PUBLICATION.
Claims use since May 15, 1947.

CLASS 39

CLOTHING

Ser. No. 485,833. WILLIAM M. PERRY, New York, N. Y. Filed July 14, 1945.

T. C. SHIRT

No claim is made to the word "Shirt" apart from the mark.
FOR LADIES' BLOUSES, SHIRTS AND LADIES' SPORTSWEAR—NAMELY, DRESSES, PLAY-SUITS, AND SLACKS.
Claims use since June 30, 1945.

Ser. No. 497,558. NYTRICIA, SOCIÉTÉ À RESPONSABILITÉ LIMITÉE, Paris, France. Filed Mar. 2, 1946.

nytricia

FOR SLIPS, PAJAMAS, PANTIES, UNDERSHIRTS, DRESSES, SKIRTS, SUITS, COATS FOR WOMEN, GIRLS, AND CHILDREN, AND GLOVES MADE OF LEATHER AND FABRIC.
Claims use since Apr. 15, 1943.

Ser. No. 498,613. FINER-WEINBERG, INC., Boston, Mass. Filed Mar. 20, 1946.

Favoriteen

FOR TEEN-AGE DRESSES AND CHILDREN'S SUITS AND FROCKS.
Claims use since October 1945.

Ser. No. 501,637. JOSEPH H. COHEN & SONS, INC., New York, N. Y. Filed May 8, 1946.

Vanity Koolman

FOR MEN'S CLOTHING—NAMELY, SUITS, TROUSERS, COATS, AND TOPCOATS.
Claims use since Apr. 22, 1946.

Ser. No. 501,693. THE TOOSIES COMPANY, Chicago, Ill. Filed May 8, 1946.

Toosies

FOR POCKET-LIKE STOCKING TOE PROTECTOR MADE OF SHEET PLASTIC COMPOSITION.
Claims use since Apr. 27, 1946.

Ser. No. 502,664. MARGARET D. REINHOLD, doing business as The Reinhold Company, Cleveland, Ohio. Filed May 23, 1946.

Toze

The drawing is lined to indicate the colors blue and pink.
FOR STOCKING AND TOE PROTECTORS MADE OF PLASTIC.
Claims use since Apr. 1, 1946.

Ser. No. 505,337. THOMAS SHERRIFF CUNNINGHAM, Kilmarnock, Scotland. Filed July 10, 1946.



FOR MEN'S AND WOMEN'S KNITTED JUMPERS, CARDIGANS, AND THREE PIECE SUITS; AND UNDERWEAR, STOCKINGS, AND SOCKS.
Claims use since 1938.

Ser. No. 511,828. NATIONAL MODES HOLDING CORP., New York, N. Y. Filed Oct. 31, 1946.

Carol-Teen

No claim is made to the word "Teen."
FOR WOMEN'S AND MISSES' COATS, SUITS, DRESSES, SKIRTS, BLOUSES, SWEATERS, SLACKS, SHORTS, JACKETS, RAIN-COATS, AND BATHING SUITS.
Claims use since June 14, 1946.

Ser. No. 516,296. JOSEPH LEWIN, doing business as Glamour Apparel, New York, N. Y. Filed Jan. 24, 1947.

GLAM-A

FOR WOMEN'S BLOUSES, DRESSES, AND SCARFS.
Claims use since Dec. 3, 1946.

Ser. No. 517,974. CORSETS SILHOUETTE LIMITED, London, England. Filed Feb. 24, 1947.



FOR CORSETS.
Claims use since 1941.

Ser. No. 519,401. LAROS TEXTILES COMPANY, Bethlehem, Pa. Filed Mar. 21, 1947.

Dawn

FOR UNDERWEAR—NAMELY, SLIPS, PANTIES, AND NIGHTGOWNS.
Claims use since May 16, 1925.

Ser. No. 519,592. MORO MANUFACTURING CO., INC., New York, N. Y. Filed Mar. 26, 1947.

dress-time undies for girls

Applicant disclaims the words "Undies for Girls" apart from the mark.
FOR WOMEN'S, MISSES' AND CHILDREN'S UNDERWEAR.
Claims use since Mar. 1, 1947.

Ser. No. 520,338. JNO. W. HENSON & SONS, Greenville, Tex. Filed Apr. 8, 1947.

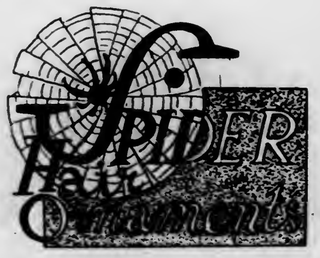
DIXILON

FOR LADIES' AND MISSES' HOUSECOATS, PLAY-SUITS, AND HANDKERCHIEFS.
Claims use since Feb. 20, 1946.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 508,363. MARCO BERGMANN CO., New York, N. Y. Filed Aug. 31, 1946.



The words "Hair Ornaments" are disclaimed apart from the mark as shown.
FOR HAIR RIBBON BOWS, HAIR BRAIDS, HAIR ROLLS, HEAD BANDS, HAIR PIECES, TRANSFORMATIONS, AND WIGS.
Claims use since Mar. 21, 1946.

Ser. No. 516,174. THE CHAS. FISCHER SPRING COMPANY, Brooklyn, N. Y. Filed Jan. 23, 1947.

sculptur-form

No claim is made to the exclusive right to the word "Form" apart from the mark shown.
FOR BRASSIÈRE WIRES AND WIRE FOUNDATIONS FOR BRASSIÈRES.
Claims use since Jan. 9, 1947.

Ser. No. 523,247. AUDREY M. DEE, doing business as Audrey Dee Company, Los Angeles, Calif. Filed May 29, 1947.

Pad-E-Pods

The word "Pad" is disclaimed apart from the mark.
FOR SHOULDER PADS IN THE NATURE OF GARMENT FINDINGS.
Claims use since May 26, 1947.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 485,686. HUNT & WINTERBOTHAM MILLS, LTD., New York, N. Y. Filed July 11, 1945.

Yorkdale

FOR PIECE WOOLEN GOODS.
Claims use since June 5, 1945.

Ser. No. 495,097. REYNOLDS METALS COMPANY, Richmond, Va. Filed Jan. 19, 1946.

METALTEX

FOR TEXTILE FABRICS IN THE PIECE OF COTTON, WOOL, SILK, RAYON AND NYLON, IN COMBINATION WITH METALLIC FOIL, FOR USE IN MAKING UP INTO DRAPERIES, COSTUMES, AND FOR ALLIED USES.
Claims use since 1938.

Ser. No. 507,415. NORTH AMERICAN LACE COMPANY, INC., Philadelphia, Pa. Filed Aug. 14, 1946.

Starlight Priscillas

The word "Priscillas" is disclaimed apart from the mark.
FOR RUFFLED WINDOW CURTAINS.
Claims use since June 20, 1946.

Ser. No. 508,460. ARISTON, INCORPORATED, New York, N. Y. Filed Sept. 4, 1946.

ARISTON PRODUCTS

Applicant disclaims the outline of the label, and the word "Products," apart from the mark.
FOR RIBBONS SOLD ON SPOOLS OR ROLLS.
Claims use since Aug. 2, 1946.

Ser. No. 509,754. BRANDVEIN & CO., INC., New York, N. Y. Filed Sept. 26, 1946.

WEDDING

FOR WINDOW CURTAINS AND CURTAIN FABRICS MADE OF COTTON OR RAYON.
Claims use since Jan. 19, 1939.

Ser. No. 511,008. CROWN FABRICS CORPORATION, New York, N. Y. Filed Oct. 17, 1946.

FABELLA

FOR DRESS FABRICS IN THE PIECE MADE OF WOOL, COTTON, SILK, RAYON, AND MIXTURES THEREOF.
Claims use since Sept. 18, 1946.

Ser. No. 522,094. GOODALL-SANFORD, INC., Sanford, Maine. Filed May 8, 1947.

DARADO

FOR WOOLEN FLEECE FABRICS SOLD IN BOLT.
Claims use since July 1, 1925.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Ser. No. 519,409. THE NEDLOG COMPANY, Chicago, Ill. Filed Mar. 21, 1947.

SPRINT

FOR FRUIT JUICES, CONCENTRATES, EMULSIONS, EXTRACTS, AND SYRUPS USED FOR MIXING AND MAKING MALTLESS SOFT DRINKS, BOTH CARBONATED AND NONCARBONATED.
Claims use since May 1940.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 486,795. MAMA COOKIE BAKERIES, INC., Chicago, Ill. Filed Aug. 6, 1945.

MAMA'S

Applicant is the owner of Reg. No. 308,199.
FOR COOKIES.
Claims use since Jan. 1, 1909.

Ser. No. 508,987. EAGLE WHOLESALE DRUG COMPANY, Lafayette, La. Filed Sept. 13, 1946.

BIG BIRD

FOR FOOD FLAVORING EXTRACTS AND SPICES.
Claims use since Feb. 15, 1946.

Ser. No. 512,447. QUAKER CITY CHOCOLATE AND CONFECTIONERY COMPANY, Philadelphia, Pa. Filed Nov. 12, 1946.

So Big

No claim is made to the word "Big" apart from the mark.
FOR CHOCOLATE COVERED CANDY BAR.
Claims use since 1943.

Ser. No. 513,527. S. B. PENICK & COMPANY, New York, N. Y. Filed Nov. 30, 1946.

ALDEX

FOR BASES FOR IMITATION FOOD FLAVORS—NAMELY, THE FOLLOWING, APPLE, APRICOT, BANANA, BLACK WALNUT, CHERRY SWEET, CHERRY WILD, COCONUT, GRAPE CONCORD, LEMON, LIME, ORANGE, PEACH, PINEAPPLE, RASPBERRY, STRAWBERRY.
Claims use since Oct. 8, 1946.

Ser. No. 513,528. S. B. PENICK & COMPANY, New York, N. Y. Filed Nov. 30, 1946.

OPTIMO

FOR IMITATION FOOD FLAVORS—NAMELY, THE FOLLOWING, ALMOND, APPLE, APRICOT, BANANA, BLACKBERRY, BLACK WALNUT, BUTTER, BUTTERSCOTCH, CARAMEL, CHERRY SWEET, CHERRY WILD, CHERRY PIT, CINNAMON, COCONUT, CURRANT BLACK, CURRANT RED, CUSTARD, CRANBERRY, GRAPE CONCORD, GRAPE MALAGA, HAZELNUT, HONEY, LICORICE, MAPLE, MAPLE WALNUT, MARSHMALLOW, MUSCATEL, PEACH, PEAR, PEPPERMINT, PINEAPPLE, QUINCE, RASPBERRY, ROOT BEER, ROSE, RUM, RUM BUTTER, SARSAPARILLA, STRAWBERRY, TOFFEE, TUTTI FRUTTI, VANILLA, VIOLET.
Claims use since Oct. 8, 1946.

Ser. No. 515,814. BENTLEY, SETTLE & CO. INC., Syracuse, N. Y. Filed Jan. 16, 1947.

Wag

Applicant owns registrations Nos. 117,034, 193,927, and 298,553.
FOR CANNED VEGETABLES, FRUITS AND BERRIES, CANNED OR BOXED SPICES, STUFFED AND BOTTLED OLIVES, PEANUT BUTTER, POP CORN IN ITS NATURAL STATE, TEA, SLICED DRIED BEEF, BOUILLON CUBES, CATSUP, CHILI SAUCE, BREAKFAST CEREALS, ALIMENTARY PASTES, COFFEE, CANNED FISH, DRIED FISH, RICE, SALAD DRESSING, VINEGAR, DRIED FRUITS, HONEY, JAMS, JELLIES, MOLASSES, MINCE-MEAT; PICKLES, TABLE SIRUP, CANNED LOBSTER, WHEAT FLOUR, CANNED SOUP, CANNED EVAPORATED MILK, TAPIOCA, JELLY POWDER AND CORN STARCH.
Claims use on canned vegetables, fruits and berries, canned or boxed spices, stuffed and bottled olives, peanut butter, tea, sliced dried beef, bouillon cubes, catsup, chili sauce, breakfast cereals, alimentary pastes, coffee, canned fish, dried fish, rice, salad dressing, vinegar, dried fruits, honey, jams, jellies, molasses, mince-meat, pickles, table sirup and canned lobster, since Dec. 1, 1909; on pop corn, wheat flour, canned soup, canned evaporated milk, tapioca, jelly powder and corn starch, since 1930.

Ser. No. 516,154. WILLIAM ENNIS STELL, Fort Smith, Ark. Filed Jan. 22, 1947.

STEAKMASTER

FOR PREPARED FOODS—NAMELY, COOKED STEAKS AND SANDWICHES.
Claims use since Dec. 18, 1946.

Ser. No. 516,990. MALTEX COMPANY, Burlington, Vt. Filed Feb. 5, 1947.



The drawing is fanciful.
FOR BREAKFAST CEREAL.
Claims use since Oct. 15, 1900.

Ser. No. 517,201. RUSKIN VEGETABLE DISTRIBUTORS, Ruskin, Fla. Filed Feb. 8, 1947.



FOR FRESH VEGETABLES.
Claims use since Jan. 1, 1942.

Ser. No. 518,870. BIO-DYNAMIC FARMING AND GARDENING ASSOCIATION, INC., Chester, N. Y. Filed Mar. 12, 1947. Under the act of February 20, 1905, as amended June 10, 1938.



Applicant disclaims the word "Products" apart from the mark.
FOR CARAWAY SEED AND CORIANDER SEED FOR FOOD PURPOSES, FRESH ORANGES, HONEY, WHOLE WHEAT FLOUR, AND WHOLE WHEAT BREAKFAST CEREAL.
Claims use since Dec. 20, 1946.

Ser. No. 521,494. AMERICAN BREDDO CORP., New York, N. Y. Filed Apr. 29, 1947.

WHIPPOLENE

FOR FOOD MATERIAL IN THE FORM OF AN EMULSIFYING AGENT ADDED TO CREAM OR MILK, AND SERVING AS A WHIPPING AGENT.
Claims use since Apr. 9, 1947.

Ser. No. 523,304. BROOKSIDE FARMS LABORATORY, New Knoxville, Ohio. Filed May 31, 1947.

MAGNATONE

FOR STOCK FEED.
Claims use since Jan. 1, 1947.

CLASS 48

MALT BEVERAGES AND LIQUORS

Ser. No. 523,962. HAFFENREFFER & CO. INC., Boston, Mass. Filed June 11, 1947. Under section 5b of the act of 1905 as amended in 1920.

Haffenreffer

Applicant is owner of registrations No. 54,116 dated June 19, 1906 (renewed), and No. 213,402, dated May 25, 1926 (renewed), for the mark "Haffenreffer & Co." effected on the ground of actual and exclusive use for ten years next preceding Feb. 20, 1905.
FOR ALE.
Claims use since May 19, 1941.

Ser. No. 523,963. HAFFENREFFER & CO. INC., Boston, Mass. Filed June 11, 1947. Under section 5b of the act of 1905 as amended in 1920 as to "Haffenreffer."



No claim is made to the word "Ale" apart from the mark. Applicant is owner of registrations No. 54,116, dated June 19, 1906 (renewed), and No. 213,402, dated May 25, 1926 (renewed), effected on the ground and actual and exclusive use for ten years next preceding Feb. 20, 1905.
FOR ALE.
Claims use since June 19, 1946.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 490,983. SYRACUSE ORNAMENTAL CO., New York, N. Y., assignor to Syracuse Ornamental Co., Inc., a corporation of New York. Filed Nov. 2, 1945.

SyrocoWood

Applicant disclaims the word "Wood" apart from the mark as shown.
FOR RELIGIOUS AND GIFT STATUES, STATUETTES, ARTIFICIAL FLOWERS, WALL PLAQUES, FIGURINES FOR CHURCH AND HOME DECORATION, ALL MADE OF PLASTIC MATERIAL; SMALL PLASTIC ALTARS, SMALL PLASTIC SHRINES FOR ORNAMENTAL PURPOSES, AND COMBINATION DOG SETS COMPRISING DOG BRUSH, LEASH AND PLASTIC HOLDER FOR RECEIVING THE DOG BRUSH AND LEASH.
Claims use since April 1931.

ACT OF 1946

The following trade-marks are published in compliance with section 12(a) of the Trade-Mark Act of 1946. Notice of opposition under section 13 may be filed within thirty days of this publication. See Rules 20.1 to 20.5.
As provided by section 31 of said act, a fee of twenty-five dollars must accompany each notice of opposition.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 500,844. UNITED STATES RUBBER COMPANY, New York, N. Y. Filed Aug. 30, 1947.

KEM-BLO

Applicant claims ownership of registration No. 500,844.
FOR SPONGE RUBBER IN SHEET FORM.
Claims use since Apr. 11, 1946.

Ser. No. 527,460. E. CLEMEN HORST CO., San Francisco, Calif. Filed July 5, 1947.

GOLD MEDAL

Applicant claims ownership of registration No. 211,999.
FOR HOPS.
Claims use since Apr. 1, 1918.

CLASS 2

RECEPTACLES

Ser. No. 506,254. NYKO, INC., Chicago, Ill. Filed July 5, 1947.

Nyko

Applicant claims ownership of registrations Nos. 226,288, 310,274, 310,275, and 320,833.
FOR DENTAL PLATE CONTAINERS OR RECEPTACLES, MOULDED FROM PLASTIC MATERIALS, AND DENTAL ADHERENT POWDER DISPENSERS MADE OF METAL FOR TRAVELING USE.
Claims use since Nov. 5, 1926; since Sept. 7, 1934, on dental plate receptacles or containers; and since Jan. 10, 1935, on adherent powder dispensers for traveling use.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 538,942. MURRAY MENSCHIK, doing business as Joell Manufacturing Co., Brooklyn, N. Y. Filed Oct. 24, 1947.

Laurita

FOR CHANGE AND BILL PURSE.
Claims use since Mar. 21, 1947.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 527,096. D. D. D. CORPORATION, Batavia, Ill. Filed July 5, 1947.

Applicant claims ownership of registration No. 276,653.
FOR TOILET SOAP.
Claims use since 1910.

Ser. No. 530,120. RAWLINGS INTERNATIONAL, INC., New York, N. Y. Filed July 31, 1947.

His Excellency

FOR SHAVE SOAP, SOLIDIFIED SHAVE-CREAM, LATHER SHAVE-CREAM, AND BRUSHLESS SHAVE-CREAM.
Claims use since September 1946.

Ser. No. 530,226. LUCIEN LELONG, INC., Chicago, Ill. Filed Aug. 1, 1947.

FOR SOAP.
Claims use since June 1, 1928.

Ser. No. 530,265. THE VALENTINE COMPANY, Seattle, Wash. Filed Aug. 1, 1947.

VALCO

FOR CHEMICAL COMPOUNDS FOR INDUSTRIAL CLEANING PURPOSES.
Claims use since Nov. 1, 1924.

Ser. No. 530,965. CHAS. A. SCHIEREN COMPANY, New York, N. Y. Filed Aug. 9, 1947.

"NATURAL GRIP"

Applicant claims ownership of registration No. 366,568.
FOR BELT DRESSINGS AND LEATHER PRESERVATIVES.
Claims use since January 1926.

Ser. No. 534,157. LUCIEN LELONG, INC., Chicago, Ill. Filed Sept. 11, 1947.

FOR SOAP.
Claims use since November 1939.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 511,179. THE NATIONAL DRUG COMPANY, Philadelphia, Pa. Filed Aug. 18, 1947.

LIBEJEX

FOR SOLUTION OF PARENTERAL LIVER WITH VITAMIN B COMPLEX USED FOR THE PROPHYLAXIS AND TREATMENT OF VITAMIN B DEFICIENCIES.
Claims use since Mar. 14, 1945.

Ser. No. 514,849. RELAX-O CO., Chicago, Ill. Filed Oct. 1, 1947.

Relax-O

FOR HAIR PREPARATION USED TO CORRECT OVER-PROCESSED PERMANENT WAVES.
Claims use since Nov. 18, 1946.

Ser. No. 516,590. VICTORIA CHEMICAL CO., Newark, N. J. Filed Sept. 10, 1947.

finell

FOR COSMETIC—NAMELY, A DEODORANT.
Claims use since Jan. 22, 1947.

Ser. No. 520,545. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I. Filed Oct. 1, 1947.

AHCOVAT

FOR COLORING PRODUCTS FOR PRINTING AND DYEING TEXTILES OR OTHER SHEET MATERIAL.
Claims use since Apr. 21, 1930.

Ser. No. 527,776. ARMOUR AND COMPANY, Chicago, Ill. Filed July 5, 1947.

FOLESTRIN

FOR ESTROGENIC HORMONE COMPOSITIONS.
Claims use since March 1940.

Ser. No. 529,314. THE SPECIALTY PRODUCTS COMPANY, New Orleans, La. Filed July 23, 1947.

MUL-E-N-OL

FOR LIQUID ANTISEPTIC FOR THE TREATMENT OF LACERATIONS, MINOR INJURIES, BRUISES, SPRAINS AND INSECT BITES.
Claims use since Oct. 1, 1889.

Ser. No. 530,534. MARY E. LOWERY, Richmond, Va. Filed Aug. 5, 1947.



The figures are fanciful. Applicant disclaims the words "Burn," "Less," and "Cream," except in the association shown.
FOR CREAM PREPARATION FOR USE IN THE TREATMENT OF BURNS, PILES, SORES, AND SKIN IRRITATION.
Claims use since July 1, 1947.

Ser. No. 531,573. ABBOTT LABORATORIES, North Chicago, Ill. Filed Aug. 16, 1947.

DULCET

Applicant claims ownership of registration No. 301,662.
FOR ORALLY ADMINISTRABLE TABLETS CONTAINING VARIOUS MEDICINAL AGENTS AND DRUGS INTENDED FOR MEDICAL USES SUCH AS: ANALGESICS, SEDATIVES AND HYPNOTICS, ANTIPYRETICS, NUTRITIVE SUPPLEMENTS, ANTISEPTICS, ANTICONVULSANTS, CHEMOTHERAPEUTIC AGENTS, ANTIBACTERIAL AGENTS, STIMULANTS, AND HEMATINICS AND INCLUDING ONE OR MORE INGREDIENTS SUCH AS: ASPIRIN, PHENACETIN, CAFFEINE, COMPOUNDS OF COPPER, IRON, CALCIUM OR PHOSPHOROUS, PHENOBARBITAL, SULFADIAZINE, SULFATHIAZOLE, AND SULFAMERAZINE, COMPOUNDED WITH SUFFICIENT SUGARS, FLAVORING AGENTS, AND/OR CORRECTIVES TO AID IN MASKING THE TASTE OF THE MEDICINAL AGENTS AND DRUGS.
Claims use since December 1931 on aspirin, copper-iron preparations, and phenobarbital; since October 1932 on dicalcium phosphate; since March 1944 on sulfathiazole; since May 1944 on sulfadiazine and sulfamerazine; and since April 1947 on aspirin, phenacetin, and caffeine.

Ser. No. 531,656. WARREN H. FANNING, Valois, N. Y. Filed Aug. 18, 1947.

ELEXOS

FOR LOTION FOR USE IN THE HANDLING OF BEES.
Claims use since July 9, 1947.

Ser. No. 531,930. MOREHOUSE MANUFACTURING COMPANY, doing business as The Shaving Powder Co., Savannah, Ga. Filed Aug. 20, 1947.

SHAVINE

FOR DEPILATORY IN POWDER FORM.
Claims use since July 15, 1920.

Ser. No. 532,027. KENWOOD LABORATORIES, INC., Brooklyn, N. Y. Filed Aug. 21, 1947.

BONACAL

FOR VITAMIN TABLETS CONTAINING A FLUORINE COMPOUND.
Claims use since Feb. 1, 1947.

Ser. No. 532,028. KENWOOD LABORATORIES, INC., Brooklyn, N. Y. Filed Aug. 21, 1947.

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FOR VITAMIN TABLETS CONTAINING LIVER AND IRON COMPOUNDS.
Claims use since Feb. 1, 1947.

Ser. No. 532,275. THE CHEMDRUG CORPORATION, New York, N. Y. Filed Aug. 25, 1947.

D'ORMEL

FOR ESSENCES, PERFUMES, LOTIONS FOR THE SKIN, BODY, AND HAIR, AND LAVENDER AND SAGE SACHETS.
Claims use since Aug. 12, 1947.

Ser. No. 532,444. DOROTHY GIBSON PERFUMES CORP., New York, N. Y. Filed Aug. 26, 1947.

Gibson Girls'

The surname portion of the facsimile signature is that of Dorothy Gibson, president of the applicant corporation.
FOR PERFUME.
Claims use since July 23, 1947.

Ser. No. 532,817. ENDO PRODUCTS, INC., Richmond Hill, N. Y. Filed Aug. 29, 1947.

NAMIDONE

FOR MEDICINE FOR ANALGESIA.
Claims use since Aug. 1, 1947.

Ser. No. 533,032. EVA J. KELNAR, doing business as Ave Ranlek, Chicago, Ill. Filed Sept. 2, 1947.

NAILPRIDE

FOR PREPARATION FOR USE AS A NAIL CONDITIONER.
Claims use since Aug. 18, 1947.

Ser. No. 533,691. AMERICAN CYANAMID COMPANY, New York, N. Y. Filed Sept. 8, 1947.

CARICIDE

FOR VERMIFUGE TO EXPEL WORMS IN ANIMALS.
Claims use since Aug. 14, 1947.

Ser. No. 533,782. ROSENTHAL-BERCOW CO., INC., New York, N. Y. Filed Sept. 8, 1947.

ROSAMIN

FOR PROTEIN HYDROLYSATE.
Claims use since July 8, 1947.

Ser. No. 533,783. ROSENTHAL-BERCOW CO., INC., New York, N. Y. Filed Sept. 8, 1947.

BERKAMIN

FOR PROTEIN HYDROLYSATE.
Claims use since July 8, 1947.

Ser. No. 534,020. HIRESTRA LABORATORIES, INC., New York, N. Y. Filed Sept. 10, 1947.

Endocreme

Applicant claims ownership of registrations Nos. 344,878 and 419,194.
FOR SKIN LOTION.
Claims use since Feb. 28, 1947.

Ser. No. 534,472. ROHM & HAAS COMPANY, Philadelphia, Pa. Filed Sept. 13, 1947.

LUTRON

FOR CHEMICALS USED IN THE PREPARATION OF HIDES FOR TANNING.
Claims use since Aug. 19, 1947.

Ser. No. 534,584. RALPH WONG, San Antonio, Tex. Filed Sept. 15, 1947.

LICOTAL

FOR PREPARATION FOR THE TREATMENT OF COUGHS AND COLDS.
Claims use since Aug. 23, 1939.

Ser. No. 534,806. THE OHIO OIL COMPANY, Findlay, Ohio. Filed Sept. 17, 1947.



Applicant claims ownership of registration No. 349,597.
FOR FLY SPRAYS.
Claims use since Mar. 24, 1937.

Ser. No. 535,365. AMERICAN CYANAMID COMPANY, New York, N. Y. Filed Sept. 23, 1947.

ACCOPHENE

FOR CHLORINATED CAMPHENE IN WETTABLE POWDER, DUST, AEROSOL, EMULSION AND SOLUTION FORM, FOR USE AS AN INSECTICIDE, RODENTICIDE, FUNGICIDE, FUMIGANT, ACARICIDE, HERBICIDE, ARTHROPODICIDE AND BACTERIOCIDE.
Claims use since Sept. 12, 1947.

Ser. No. 536,322. VITAMINERAL PRODUCTS COMPANY, Peoria, Ill. Filed Sept. 30, 1947.

ADRIB

FOR SUPPLEMENT CONSISTING OF VITAMINS A, D_2, D_3, AND RIBOFLAVIN, FOR ALL FOUR-FOOTED ANIMALS AND POULTRY.
Claims use since Aug. 10, 1947.

Ser. No. 536,445. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio. Filed Oct. 1, 1947.

Prell

Applicant claims ownership of registration No. 417,434.
FOR SHAMPOO.
Claims use since Sept. 20, 1944.

Ser. No. 536,736. VIS-KO INC., Sumner, Wash. Filed Oct. 3, 1947.

VIS-KO

FOR INSECTICIDES AND FUNGICIDES.
Claims use since Aug. 4, 1937.

Ser. No. 537,646. AMERICAN CYANAMID COMPANY, New York, N. Y. Filed Oct. 13, 1947.

ARTANE

FOR ANTI-SPASMODIC PREPARATIONS.
Claims use since Sept. 18, 1947.

Ser. No. 538,186. SHARP & DOHME, INCORPORATED, Philadelphia, Pa. Filed Oct. 17, 1947.

TYROSCABE

FOR PREPARATION FOR USE IN TREATING SKIN DISEASES.
Claims use since Oct. 8, 1947.

CLASS 11
INKS AND INKING MATERIALS

Ser. No. 526,957. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y. Filed July 5, 1947. Under section 2f of the act of 1946.

LIN-N-BOND

Applicant disclaims the word "Bond" apart from the mark. Applicant claims ownership of registration No. 243,463.
FOR CARBON PAPER.
Claims use since May 15, 1927.

Ser. No. 526,958. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y. Filed July 5, 1947. Under section 2f of the act of 1946.

Black Beauty

Applicant claims ownership of registration No. 385,736.
FOR CARBON PAPERS AND TYPEWRITER RIBBONS.
Claims use since Nov. 3, 1932.

Ser. No. 526,959. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y. Filed July 5, 1947. Under section 2f of the act of 1946.

THIN-THIN

Applicant claims ownership of registration No. 396,537.
FOR CARBON PAPERS AND TYPEWRITER RIBBONS.
Claims use since Jan. 1, 1905.

Ser. No. 526,960. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y. Filed July 5, 1947. Under section 2f of the act of 1946.

STA GOOD

Applicant claims ownership of registration No. 194,553.
FOR CARBON PAPER.
Claims use since Oct. 22, 1923.

Ser. No. 526,963. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y. Filed July 5, 1947. Under section 2f of the act of 1946.

Dri Kleen

Applicant claims ownership of registration No. 375,815.
FOR CARBON PAPERS AND TYPEWRITER RIBBONS.
Claims use since Nov. 1, 1937.

Ser. No. 526,970. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y. Filed July 5, 1947. Under section 2f of the act of 1946.

AIR-SEALED

Applicant claims ownership of registration No. 154,198.
FOR TYPEWRITER RIBBONS.
Claims use since June 1, 1919.

CLASS 12
CONSTRUCTION MATERIALS

Ser. No. 515,774. MCFEELY BRICK COMPANY, Latrobe, Pa. Filed Oct. 22, 1947.

GRAFSET

FOR MORTAR.
Claims use since Nov. 26, 1945.

Ser. No. 528,126. THE MASSILLON REFRACTORIES COMPANY, Tuscarawas, Ohio. Filed July 8, 1947.

ALUMNITE

Applicant claims ownership of registration No. 262,651.
FOR FIRE BRICK, REFRACTORY SHAPES, CERAMIC LAYING MIXTURES, REFRACTORY CEMENTS, AND SPECIAL REFRACTORY COMPOUNDS OR MIXTURES.
Claims use since Sept. 1, 1898.

Ser. No. 528,211. LEHIGH PORTLAND CEMENT COMPANY, Allentown, Pa. Filed July 9, 1947. Under section 2f of the act of 1946.

LEHIGH

Applicant claims ownership of registration No. 152,609.
FOR PORTLAND CEMENT.
Claims use since Jan. 15, 1915.

Ser. No. 532,397. THE MASTER BUILDERS COMPANY, Cleveland, Ohio. Filed Aug. 9, 1947.

COLORCRON

Applicant claims ownership of registrations Nos. 174,470, 258,695, 258,696, 330,261, and 425,844.
FOR MATERIAL TO BE APPLIED TO FRESH CONCRETE FLOORS AND THE LIKE, TO IMPROVE THE HARDNESS THEREOF, TO INCREASE RESISTANCE TO WEAR AND CORROSION, AND TO COLOR THE SAME.
Claims use since Jan. 5, 1934.

Ser. No. 532,618. MISSOURI PAINT & VARNISH CO., St. Louis, Mo. Filed Aug. 27, 1947.

ARIDOL

Applicant claims ownership of registration No. 238,832.
FOR LIQUID WATERPROOFING MATERIAL FOR BRICK, CONCRETE, STUCCO, MASONRY, STONE, MARBLE, AND WALL BOARD.
Claims use since May 1, 1927.

Ser. No. 532,802. CHICAGO DISTRICT ELECTRIC GENERATING CORPORATION, Hammond, Ind. Filed Aug. 29, 1947.

STATE LINE

FOR FLY ASH.
Claims use since Feb. 5, 1937.

Ser. No. 533,656. WEST BANK OIL TERMINAL, INC., Philadelphia, Pa. Filed Sept. 5, 1947.

WESTOLRITE

FOR LIQUID ASPHALTIC EMULSIONS.
Claims use since Oct. 26, 1945.

Ser. No. 533,657. WEST BANK OIL TERMINAL, INC., Philadelphia, Pa. Filed Sept. 5, 1947.

WESTOLIZED

FOR LIQUID ASPHALTIC EMULSIONS.
Claims use since Nov. 4, 1943.

Ser. No. 533,796. TRUSCON STEEL COMPANY, Youngstown, Ohio. Filed Sept. 8, 1947.

MAXIM-AIR

FOR STEEL WINDOWS.
Claims use since July 1946.

Ser. No. 533,917. ORANGE SCREEN COMPANY, Maplewood, N. J. Filed Sept. 9, 1947.

ORANGE

FOR WINDOW SCREENS, STORM SASH, METAL WINDOWS, AND METAL DOORS.
Claims use since 1912.

Ser. No. 533,940. ST. PAUL & TACOMA LUMBER CO., Tacoma, Wash. Filed Sept. 9, 1947.

PLYALOY

FOR LAMINATED COMPOSITE BOARDS FORMED OF FIBROUS LAYERS BONDED TOGETHER AND HAVING AN OVERLAY FUSED OR OTHERWISE FIRMLY ATTACHED THERETO; PLYWOOD; AND WALLBOARDS.
Claims use since June 26, 1947.

Ser. No. 533,942. ST. PAUL & TACOMA LUMBER CO., Tacoma, Wash. Filed Sept. 9, 1947.



The mark consists of a design mark of a tree in solid profile. Applicant claims ownership of registration No. 328,157.

FOR LUMBER AND LUMBER PRODUCTS, CONSISTING OF MANUFACTURED FIR, CEDAR, SPRUCE, PINE, AND HEMLOCK, BOTH ROUGH AND FINISHED; SHINGLES; LAMINATED COMPOSITE BOARDS FORMED OF FIBROUS LAYERS BONDED TOGETHER AND HAVING AN OVERLAY FUSED OR OTHERWISE FIRMLY ATTACHED THERETO; PLYWOOD; AND WALLBOARDS.

Claims use since Jan. 1, 1929.

Ser. No. 533,943. ST. PAUL & TACOMA LUMBER CO., Tacoma, Wash. Filed Sept. 9, 1947.

TREE LIFE

Applicant claims ownership of registration No. 263,784.

FOR LUMBER AND LUMBER PRODUCTS, CONSISTING OF MANUFACTURED FIR, CEDAR, SPRUCE, PINE, AND HEMLOCK, BOTH ROUGH AND FINISHED; SHINGLES; LAMINATED COMPOSITE BOARDS FORMED OF FIBROUS LAYERS BONDED TOGETHER AND HAVING AN OVERLAY FUSED OR OTHERWISE FIRMLY ATTACHED THERETO; PLYWOOD; AND WALLBOARDS.

Claims use since Jan. 1, 1929.

Ser. No. 533,944. ST. PAUL & TACOMA LUMBER CO., Tacoma, Wash. Filed Sept. 9, 1947.



Applicant claims ownership of registration No. 328,157.

FOR LUMBER AND LUMBER PRODUCTS, CONSISTING OF MANUFACTURED FIR, CEDAR, SPRUCE, PINE, AND HEMLOCK, BOTH ROUGH AND FINISHED; SHINGLES, LAMINATED COMPOSITE BOARDS FORMED OF FIBROUS LAYERS BONDED TOGETHER AND HAVING AN OVERLAY FUSED OR OTHERWISE FIRMLY ATTACHED THERETO; PLYWOOD; AND WALLBOARDS.

Claims use since May 1, 1934.

Ser. No. 533,969. AIR-MASTER WINDOW CO., Hartford, Conn. Filed Sept. 10, 1947.

AIR-MASTER

FOR WINDOWS COMPRISING UNITS INCLUDING THE CASING, SASH, AND SCREEN.

Claims use since Mar. 5, 1947.

Ser. No. 534,066. THE CHAS. TAYLOR'S SONS COMPANY, Cincinnati, Ohio. Filed Sept. 10, 1947.

Tayco

FOR REFRACTORY CEMENTS, REFRACTORY RAMMING MIXES, REFRACTORY BRICKS, AND REFRACTORY BLOCKS.

Claims use since January 1920.

Ser. No. 534,331. PACIFIC CLAY PRODUCTS, Los Angeles, Calif. Filed Sept. 12, 1947.

EXCELSIOR

FOR STRAIGHTS AND STANDARD SIZE SHAPES OF FIRE BRICK AND FIRE CLAY.

Claims use since 1895.

Ser. No. 534,333. PACIFIC CLAY PRODUCTS, Los Angeles, Calif. Filed Sept. 12, 1947.

TROPHY

FOR CLAY WALL TILE AND TRIMMERS.

Claims use since 1940.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 527,707. SUPERIOR ZINC CORPORATION, Philadelphia, Pa. Filed July 5, 1947.

SU PERI OR

Applicant claims ownership of registration No. 264,621.

FOR SLAB-ZINC AND ZINC DUST.

Claims use since Aug. 1, 1926.

Ser. No. 527,708. SUPERIOR ZINC CORPORATION, Philadelphia, Pa. Filed July 5, 1947. Under section 2f of the act of 1946.

SUPERIOR

"All the name implies"

Applicant claims ownership of registration No. 264,621.

FOR SLAB ZINC AND ZINC DUST.

Claims use since January 1934.

CLASS 15

OILS AND GREASES

Ser. No. 528,230. RODMAN CHEMICAL COMPANY, Verona, Pa. Filed July 9, 1947.

R-1

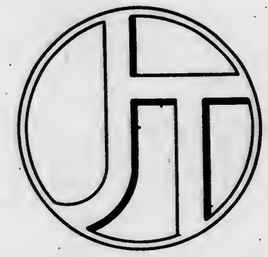
FOR QUENCHING OIL.

Claims use since Nov. 20, 1923.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 507,730. JEFFERSON-TRAVIS INCORPORATED, New York, N. Y., assignee of Jefferson-Travis Corporation. Filed Aug. 21, 1947.



FOR RADIO RECEIVERS, RADIO TELEPHONE SETS, RADIO RECEIVING AND PHONOGRAPH RECORDING AND REPRODUCING COMBINATION SETS, ELECTRIC SOUND RECORDERS, AND LOUDSPEAKERS.

Claims use since March 1940.

Ser. No. 527,021. THE EDWIN F. GUTH COMPANY, St. Louis, Mo. Filed July 5, 1947.

TRUCOLITE

Applicant claims ownership of registration No. 121,019.

FOR FIXTURES FOR ELECTRIC LIGHTS.

Claims use since Sept. 15, 1917.

Ser. No. 527,022. THE EDWIN F. GUTH COMPANY, St. Louis, Mo. Filed July 5, 1947.

MAZELITE

Applicant claims ownership of registration No. 172,317.

FOR ELECTRICAL LIGHTING FIXTURES.

Claims use since Mar. 1, 1922.

Ser. No. 527,250. THE INDIANA STEEL PRODUCTS COMPANY, Chicago, Ill. Filed July 5, 1947.

INDALLOY

FOR PERMANENT MAGNETS.
Claims use since Apr. 26, 1947.

Ser. No. 527,256. AUTOMATIC SWITCH COMPANY, New York, N. Y. Filed July 5, 1947.

ASCO

Applicant claims ownership of registration No. 236,629.
FOR AUTOMATIC ELECTRICAL SWITCHES, MAGNET AND SOLENOID OPERATED SWITCHES AND RELAYS.
Claims use since Aug. 5, 1941.

Ser. No. 527,432. DYNAMATIC CORPORATION, Kenosha, Wis. Filed July 5, 1947.

DYNASPEDE

Applicant claims ownership of registration No. 409,713.
FOR ELECTRIC DRIVES EACH COMPOSED OF AN ELECTRIC MOTOR, AN EDDY-CURRENT SLIP COUPLING DRIVEN THEREBY AND AN ELECTRONIC CONTROL FOR CONTROLLING THE SLIP SPEED OF THE COUPLING.
Claims use since Apr. 11, 1944.

Ser. No. 527,435. DYNAMATIC CORPORATION, Kenosha, Wis. Filed July 5, 1947.

DYNAVARIO

Applicant claims ownership of registration No. 390,430.
FOR ELECTRICAL GOVERNORS FOR MOTORS.
Claims use since Mar. 26, 1941.

Ser. No. 527,444. DYNAMATIC CORPORATION, Kenosha, Wis. Filed July 5, 1947.

VARIOSYN

Applicant claims ownership of registration No. 361,642.
FOR ELECTRIC MOTORS.
Claims use since June 2, 1938.

Ser. No. 538,584. FRIEDLEY-VOSHARDT COMPANY, Chicago, Ill. Filed Jan. 6, 1948.

KLEEN-KWICK ELECTRIC DISH WASHER

Applicant disclaims the words "Electric Dish Washer" apart from the mark. Applicant claims ownership of registration No. 244,849.
FOR ELECTRIC DISHWASHERS.
Claims use since Jan. 6, 1927.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 505,503. LINCOLN ENGINEERING COMPANY, St. Louis, Mo. Filed July 5, 1947.

AUTOLUBER

FOR PORTABLE LUBRICANT-DISPENSING APPARATUS—NAMELY, PORTABLE UNITS MOUNTED ON CASTERS AND EQUIPPED WITH MANUAL GREASE-GUNS, AIR-OPERATED GREASE DISPENSERS, AND CONNECTIONS TO LUBRICANT DRUMS WHICH CAN BE MOUNTED IN THE UNIT.
Claims use since June 1941.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Ser. No. 527,903. OWENS BRUSH COMPANY, Toledo, Ohio. Filed July 5, 1947.

Patrician

FOR HAIRBRUSHES.
Claims use since Feb. 17, 1947.

Ser. No. 530,244. OWENS BRUSH COMPANY, Toledo, Ohio. Filed Aug. 1, 1947.

CLASSIC

FOR TOOTHBRUSHES.
Claims use since Feb. 17, 1947.

Ser. No. 535,318. THE GREAT AMERICAN TEA COMPANY, New York, N. Y. Filed Sept. 23, 1947.

AMERT

FOR TOOTH BRUSHES.
Claims use since Mar. 8, 1930.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 528,031. BURGESS-MANNING COMPANY, Libertyville, Ill. Filed July 5, 1947.

Hear-Here!

FOR ACOUSTICALLY TREATED BOOTHS FOR THE ISOLATION OF NOISE.
Claims use since Mar. 26, 1941.

Ser. No. 529,742. THE CAR-GO CO., Minneapolis, Minn. Filed July 28, 1947.

CAR-GO

FOR CHILDREN'S COMMODE STOOL.
Claims use since May 20, 1947.

Ser. No. 530,011. LEWITTES & SONS, New York, N. Y. Filed July 30, 1947.

UNI-DAPT

FOR DEMOUNTABLE UPHOLSTERED FURNITURE SOLD IN SECTIONS WHICH ARE INTERCHANGEABLE AND WHICH MAY BE JOINED INTO SINGLE UNITS—VIZ., OTTOMANS, CHAIRS, CHAISE LOUNGES, LOVE SEATS, SOFAS, AND STUDIO COUCHES.
Claims use since May 22, 1947.

Ser. No. 530,402. HODGMAN RUBBER COMPANY, Framingham, Mass. Filed Aug. 4, 1947.

CAMPLITE

FOR PNEUMATIC MATTRESSES.
Claims use since 1934.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

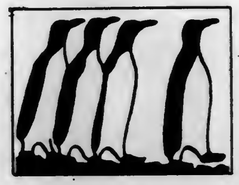
Ser. No. 531,649. VICTOR R. CLARK, doing business as Victor R. Clark Belting Company, Chicago, Ill. Filed Aug. 18, 1947.

FIRMOKE

FOR ROUND, V, AND FLAT LEATHER BELTING.
Claims use since Oct. 1, 1934, on round leather belting; since Jan. 1, 1940, on V-belting; and since July 1, 1934, on flat-belting.

Ser. No. 531,651. VICTOR R. CLARK, doing business as Victor R. Clark Belting Company, Chicago, Ill. Filed Aug. 18, 1947.

PENGUIN



FOR ROUND LEATHER BELTING AND RUBBERIZED BELTING.
Claims use since Oct. 1, 1934.

Ser. No. 532,287. THE GATES RUBBER COMPANY, Denver, Colo. Filed Aug. 25, 1947.

HC

FOR POWER TRANSMISSION BELTS.
Claims use since Mar. 15, 1947.

Ser. No. 532,344. CHAS. A. SCHIEREN COMPANY, New York, N. Y. Filed Aug. 25, 1947.

DUXBAK BELTING

No claim is made to the word "Belting" apart from the mark. Applicant claims ownership of registrations Nos. 61,453, 103,680, 149,229, 222,109, 223,386, 223,387, 223,388, 223,389, 223,390, and 257,522.
FOR LEATHER BELTING.
Claims use since July 30, 1906.

CLASS 37

PAPER AND STATIONERY

Ser. No. 486,839. CROWN ZELLERBACH CORPORATION, also doing business as Western Waxed Paper Co., San Francisco and Oakland, Calif. Filed July 15, 1947.

VINALINE

FOR WAXED PAPER OF DIFFERENT GRADES.
Claims use since February 1945.

Ser. No. 511,006. LEWIS N. CLARK, doing business as Clark Manufacturing Company, Orange, Va. Filed Sept. 11, 1947.

"TOPS"

FOR PENCIL SHARPENERS.
Claims use since Sept. 21, 1946.

Ser. No. 527,535. SIDNEY I. GLUECK, doing business as Commercial Lining Paper Company, Cleveland, Ohio. Filed July 5, 1947.

Comertex

FOR PLAIN AND ORNAMENTAL BOOK LINING PAPER.
Claims use since Sept. 2, 1942.

Ser. No. 529,104. SKINNER & KENNEDY COMPANY, St. Louis, Mo. Filed July 21, 1947.

Exel-O-Craft

FOR FOUNTAIN PENS.
Claims use since July 2, 1947.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 529,452. JAMES L. FOUCH, doing business as Universal Microphone Company, Inglewood, Calif Filed July 25, 1947.

Micro Topics

The word "Topics" is disclaimed.
FOR BULLETIN IN THE NATURE OF A HOUSE ORGAN, PUBLISHED MONTHLY.
Claims use since Mar. 1, 1943.

Ser. No. 532,912. ROBERT B. DANA, Clayton, Mo. Filed Aug. 30, 1947.

EPICURIOS

FOR SYNDICATED NEWSPAPER FEATURE COLUMN.
Claims use since July 19, 1947.

Ser. No. 533,126. THE BOLIVER PUBLISHING COMPANY, Cleveland, Ohio. Filed Sept. 3, 1947.

Flow

Applicant claims ownership of registration No. 415,565.
FOR PUBLICATION PUBLISHED MONTHLY OR FROM TIME TO TIME, THE SUBJECT MATTER OF WHICH INTEGRATES MATERIALS DIRECTED TO THE HANDLING OF EQUIPMENT INTO THE FLOW OF PRODUCTION.
Claims use since Feb. 3, 1945.

CLASS 39

CLOTHING

Ser. No. 520,345. MISHAWAKA RUBBER AND WOOLEN MANUFACTURING COMPANY, Mishawaka, Ind. Filed July 24, 1947.

LIQUA-TEX

FOR RUBBER BOOTS AND OVERSHOES.
Claims use since Oct. 3, 1946.

Ser. No. 528,352. GEO. E. KEITH COMPANY, Brockton, Mass. Filed July 11, 1947.

CABANA

Applicant claims ownership of registration No. 303,431.
FOR SHOES PRINCIPALLY OF LEATHER, SHOES PRINCIPALLY OF FABRIC, AND SHOES OF A COMBINATION OF LEATHER AND FABRIC.
Claims use since Apr. 15, 1932.

Ser. No. 528,821. RELIANCE MANUFACTURING COMPANY, Chicago, Ill. Filed July 17, 1947.

RANGE RIVERT

FOR MEN'S CLOTHING, PARTICULARLY DUNGAREES OR OVERALLS.
Claims use since June 12, 1947.

Ser. No. 529,288. MEIER & FRANK COMPANY, INC., Portland, Oreg. Filed July 23, 1947.

LONBROOKE

FOR MEN'S SUITS.
Claims use since September 1940.

Ser. No. 529,318. STAR MAID DRESSES, INC., New York, N. Y. Filed July 23, 1947.

STAR-MAID

Applicant claims ownership of registration No. 202,914.
FOR WOMEN'S AND MISSES' DRESSES, COATS, JACKETS, SKIRTS, AND BLOUSES.
Claims use since Nov. 12, 1924.

Ser. No. 529,545. AVON SOLE COMPANY, Avon, Mass. Filed July 26, 1947.

GRISTLE

Applicant claims ownership of registration No. 288,460.
FOR SHOE SOLES.
Claims use since January 1924.

Ser. No. 539,841. JOHANSEN BROTHERS SHOE COMPANY, INC., St. Louis, Mo. Filed Jan. 28, 1948.

Sohari

Applicant claims ownership of registration No. 361,680.
FOR SHOES.
Claims use since Apr. 15, 1938.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 528,026. CLIFTON MANUFACTURING COMPANY, Clifton, S. C. Filed July 5, 1947. Under section 2f of the act of 1946.

A CLIFTON MILLS Fabric Sold by SOUTHEASTERN COTTONS INC.

No claim is made to the exclusive use of the words "A," "Mills," and "Fabric Sold by Southeastern Cottons Inc." apart from the mark. Applicant claims ownership of registration No. 66,548.
FOR COTTON PIECE GOODS.
Claims use since Jan. 1, 1882; and since Oct. 30, 1946, in its present form.

Ser. No. 529,199. PURITAN LOOMS, INC., Philadelphia, Pa. Filed July 22, 1947.

LESTERIZED

FOR INTERLINING FABRICS SOLD IN ROLLS MADE OF COTTON, GOATHAIR, RAYON, WOOL AND COMBINATIONS THEREOF AND WOOLEN AND WORSTED PIECE GOODS.
Claims use since October 1945.

Ser. No. 530,281. SIDNEY BLUMENTHAL & CO., INC., New York, N. Y. Filed Aug. 2, 1947.

KERAMI

Applicant claims ownership of registration No. 117,984.
FOR PILE FABRICS IN THE PIECE COMPOSED OF COTTON AND RAYON.
Claims use since Feb. 15, 1947.

Ser. No. 530,292. SIDNEY BLUMENTHAL & CO., INC., New York, N. Y. Filed Aug. 2, 1947.

KIDVEL

Applicant claims ownership of registration No. 351,678.
FOR PILE FABRICS IN THE PIECE COMPOSED OF COTTON AND MOHAIR.
Claims use since June 15, 1937.

Ser. No. 534,664. PEERLESS WOOLEN MILLS, Rossville, Ga. Filed Sept. 16, 1947.

ROYAL PEERS

FOR PIECE GOODS MADE ENTIRELY OF WOOL, AND COMBINATIONS OF WOOL AND SYNTHETIC FIBERS.
Claims use since Apr. 6, 1938.

Ser. No. 534,796. MAINZER MINTON CO., INC., New York, N. Y. Filed Sept. 17, 1947.

Wacraft

Applicant claims ownership of registration No. 253,138.
FOR TEXTILE FABRICS IN THE PIECE CONSISTING OF CANVAS AND LININGS MADE OF COTTON AND RAYON, AND COTTON AND SILK LINEN AND UNION CLOTHS, AND RAYON.
Claims use since Nov. 3, 1927.

Ser. No. 534,820. RIEGEL TEXTILE CORPORATION, New York, N. Y. Filed Sept. 17, 1947.

DREAMBEST

FOR PILLOW CASES.
Claims use since Oct. 21, 1938.

Ser. No. 534,941. TANBRO FABRICS CORP., New York, N. Y. Filed Sept. 18, 1947.



FOR RAYON, COTTON, LINEN, WOOL, NYLON, AND SILK GOODS IN THE PIECE.
Claims use since July 28, 1947.

Ser. No. 534,942. TANBRO FABRICS CORP., New York, N. Y. Filed Sept. 18, 1947.



FOR RAYON, COTTON, LINEN, WOOL, NYLON, AND SILK GOODS IN THE PIECE.
Claims use since June 10, 1942.

CLASS 43

THREAD AND YARN

Ser. No. 530,344. SPINNERIN YARN CO., INC., New York, N. Y. Filed Aug. 2, 1947.

CUBTWIST

FOR YARN.
Claims use since July 24, 1947.

Ser. No. 532,586. GOLD MEDAL YARN COMPANY, New York, N. Y. Filed Aug. 27, 1947.

Gold Medal

Applicant claims ownership of registration No. 325,016.
FOR KNITTING YARNS.
Claims use since Aug. 16, 1932.

Ser. No. 539,422. THE LINEN THREAD CO., INC., New York, N. Y. Filed Oct. 29, 1947.



Applicant claims ownership of registrations Nos. 128,617, 163,019, and 377,174.
FOR THREAD.
Claims use since 1876.

CLASS 46

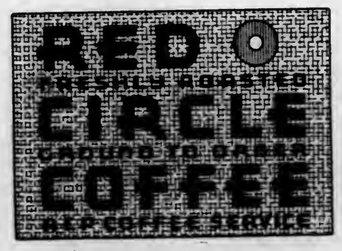
FOODS AND INGREDIENTS OF FOODS

Ser. No. 519,230. STANDARD CANDY COMPANY, Nashville, Tenn. Filed Sept. 3, 1947.

KING LEO

FOR CANDIES.
Claims use since April 1905.

Ser. No. 527,339. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed July 5, 1947.



The drawing is lined for the colors red and gold. No claim is made to the words "Freshly Roasted," "Ground to Order," "Coffee," and "Coffee Service." Applicant claims ownership of registrations Nos. 225,007, 302,668, and 309,511.
FOR COFFEE.
Claims use since Oct. 1, 1932, in its present form; and since September 1919, on "Red Circle."

Ser. No. 527,374. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed July 5, 1947.



The drawing is lined for the colors black, gold, and red. No claim is made to the words "Freshly Roasted," "Ground to Order," "Coffee," and "Coffee Service." Applicant claims ownership of registrations Nos. 28,894, 259,085, 302,671, and 309,447.
FOR COFFEE.
Claims use since 1869.

Ser. No. 527,476. THE GREAT ATLANTIC & PACIFIC TEA COMPANY. New York, N. Y. Filed July 5, 1947.



No claim is made to the words "Freshly Roasted," "Ground to Order," "Coffee," and "Coffee Service" apart from the mark. The drawing is lined for the colors black, gold, and red. Applicant claims ownership of registrations Nos. 137,247 and 309,510.

FOR COFFEE.

Claims use since Mar. 15, 1920, as to "Bokar"; and since Aug. 10, 1933, in its present form.

Ser. No. 527,598. NAKAT PACKING CORPORATION, New York,, N. Y. Filed July 5, 1947.



No claim is made to the exclusive use of the representation of the fish apart from the mark. Applicant claims ownership of registrations Nos. 174,657, and 174,658.

FOR CANNED SALMON.

Claims use since Mar. 26, 1923.

Ser. No. 527,820. STANDARD MILLING COMPANY, Chicago, Ill. Filed July 5, 1947. Under section 2f of the act of 1946.

STATEN ISLAND

Applicant claims ownership of registrations Nos. 179,421, 179,422, and 179,423.

FOR WHEAT FLOUR.

Claims use since Feb. 10, 1896.

Ser. No. 529,832. TRI-CITY VEGETABLE GROWERS, San Juan, Tex. Filed July 28, 1947.

SMOE

FOR FRESH TOMATOES.

Claims use since Apr. 26, 1946.

Ser. No. 530,708. ARNAUD COFFEE CORPORATION, New Orleans, La. Filed Aug. 7, 1947.

YOGI

FOR BLACK PEPPER.

Claims use since 1938.

TRADE-MARK REGISTRATIONS GRANTED

ACT OF 1905

MARCH 9, 1948

437,077. PUBLICATIONS ISSUED PERIODICALLY RELATING TO THEATERS AND THEIR ACTIVITIES. CINEMA ELECTRIC COMMODITIES LIMITED, London, England.
Filed January 16, 1945. Serial No. 478,680. PUBLISHED DECEMBER 9, 1947. Class 38.

437,078. HANDKERCHIEF CASES, LINGERIE CASES, AND UTILITY CASES, ALL PERFUMED AND MADE OF TEXTILE FABRICS. LE SONIER, INC., Boston, Mass.
Filed February 16, 1945. Serial No. 479,882. PUBLISHED DECEMBER 9, 1947. Class 40.

437,079. CHARTS FOR COLOR ANALYSIS. RICHARD HUDNUT, New York, N. Y.
Filed February 17, 1945. Serial No. 479,938. PUBLISHED DECEMBER 9, 1947. Class 38.

437,080. ENAMELED WARE—NAMELY, BED PANS, PORTABLE URINALS, EMESIS BASINS, AND PORTABLE IRRIGATORS. COLUMBIAN ENAMELING & STAMPING CO., INC., Terre Haute, Ind.
Filed March 15, 1945. Serial No. 480,947. PUBLISHED DECEMBER 16, 1947. Class 44.

437,081. REAGENT CHEMICALS. GENERAL CHEMICAL COMPANY, New York, N. Y.
Filed March 19, 1945. Serial No. 481,063. PUBLISHED DECEMBER 9, 1947. Class 6.

437,082. HYDRAULIC ACTUATING CYLINDERS, ETC. THE ELECTRIC SPRAYIT CO., Sheboygan, Wis.
Filed April 2, 1945. Serial No. 481,617. PUBLISHED OCTOBER 8, 1946. Class 23.

437,083. METAL FLOORS, CORRUGATED METAL SHEETS FOR ROOFS, FLOORS, AND WALL PANELS, LAMINATED METAL SHEETS FOR USE IN THE CONSTRUCTION OF BUILDINGS, ETC. H. H. ROBERTSON COMPANY, Pittsburgh, Pa.
Filed May 9, 1945. Serial No. 483,147. PUBLISHED DECEMBER 2, 1947. Class 12.

437,084. METAL SHEETS PROTECTED BY COATING MATERIAL FOR BUILDING CONSTRUCTIONS, METAL FLOORS, CORRUGATED METAL SHEETS FOR ROOFS, FLOORS, AND WALL PANELS, LAMINATED METAL SHEETS FOR USE IN THE CONSTRUCTION OF BUILDINGS, ETC. H. H. ROBERTSON COMPANY, Pittsburgh, Pa.
Filed May 9, 1945. Serial No. 483,151. PUBLISHED DECEMBER 2, 1947. Class 12.

437,085. MINERAL BASE REFRACTORY GRANULAR MATERIALS, REFRACTORY CEMENTS AND MORTARS. BASIC REFRACTORIES, INC., Cleveland, Ohio.
Filed May 21, 1945. Serial No. 483,605. PUBLISHED DECEMBER 9, 1947. Class 12.

437,086. ORGANIC DYES (NOT MINERAL AND NOT FOR TOILET PURPOSES) FOR USE IN DYEING ANIMAL FIBRES. IMPERIAL CHEMICAL INDUSTRIES, LIMITED, Slough, England.
Filed June 7, 1945. Serial No. 484,256. PUBLISHED DECEMBER 16, 1947. Class 6.

437,087. SIDING PANELS OF STEEL, AND ALUMINUM USED IN THE CONSTRUCTION OF BUILDINGS, PARTITIONS AND THE LIKE. LATISTEEL CORPORATION OF CALIFORNIA, Pasadena, Calif.
Filed August 11, 1945. Serial No. 487,049. PUBLISHED DECEMBER 2, 1947. Class 12.

437,088. MECHANICAL CIGAR AND CIGARETTE LIGHTERS. MATAWAN LIGHTER COMPANY, INC., New York, N. Y.
Filed August 11, 1945. Serial No. 487,050. PUBLISHED NOVEMBER 20, 1945. Class 34.

437,089. FACE POWDER, DUSTING POWDER, TOILET WATER, PERFUME, SUNTAN OIL, SKIN AND HAIR LOTIONS, BRILLIANTINE, ROUGE COMPACTS, POWDER COMPACTS, LIPSTICKS, SACHET POWDERS, EAU DE COLOGNE, FACE CREAMS, BATH SALTS, TALCUM POWDERS, AND ROUGES. COTY, INC., New York, N. Y.
Filed August 17, 1945. Serial No. 487,174. PUBLISHED DECEMBER 16, 1947. Class 6.

437,090. KEYS, LOCKS AND PARTS THEREOF—NAMELY, LOCK TUMBLERS, CYLINDERS, SPRINGS, HANDLES, CAMS AND PAWLS. HAROLD HOFFMAN, doing business as H. Hoffman Co., Chicago, Ill.
Filed September 27, 1945. Serial No. 489,070. PUBLISHED NOVEMBER 4, 1947. Class 25.

437,091. METAL STREET AND HIGHWAY STANDARDS AND POLES FOR SUPPORTING SIGNS, BOXES, ELECTRIC LIGHTING FIXTURES AND OTHER LOADS. THE UNION METAL MANUFACTURING COMPANY, Canton, Ohio.
Filed October 25, 1945. Serial No. 490,514. PUBLISHED NOVEMBER 4, 1947. Class 12.

437,092. METAL STREET AND HIGHWAY STANDARDS AND POLES FOR SUPPORTING SIGNS, BOXES, ELECTRIC LIGHTING FIXTURES AND OTHER LOADS. THE UNION METAL MANUFACTURING COMPANY, Canton, Ohio.
Filed October 25, 1945. Serial No. 490,515. PUBLISHED NOVEMBER 11, 1947. Class 12.

437,093. BRICKS, BLOCKS, SLABS AND REINFORCED UNITS, ALL MADE OF CEMENTITIOUS LIGHTWEIGHT CONCRETE, AND SHALE-LIME CEMENT FOR BUILDING PURPOSES. YXHULTS STENHUGGERI AKTIEBOLAG, Hallabrottet, Sweden.
Filed October 29, 1945. Serial No. 490,731. PUBLISHED DECEMBER 2, 1947. Class 12.

437,094. EMOLLIENT CREAM CONTAINING COCOA BUTTER AND LANOLIN. RALPH J. WALKER, doing business as Walker's Medical Arts Pharmacy, Newport News, Va.
Filed November 2, 1945, Serial No. 490,985. PUBLISHED MARCH 12, 1946. Class 6.

437,095. FORMULA AND STERILIZER OUTFITS, EACH COMPRISING A STERILIZER, NIPPLE JARS, RACK, GRADUATE, FUNNEL, TONGS, BOTTLE BRUSH, SPOONS, AND/OR LEVELER, ETC. SANIT-ALL PRODUCTS CORPORATION, Greenwich, Ohio.
Filed November 9, 1945. Serial No. 491,365. PUBLISHED DECEMBER 16, 1947. Class 44.

437,096. WATERPROOFING COMPOUND MATERIAL FOR USE IN FILLING APERTURES IN STONE, BRICK, AND CEMENT WALLS AND FOR LINING STONE, BRICK, AND CEMENT WALLS. HEINEMAN & LOVETT COMPANY, Detroit, Mich.
Filed November 16, 1945. Serial No. 491,715. PUBLISHED DECEMBER 9, 1947. Class 12.

437,097. COMBINATIONS OF PLASTICS WITH WOOD VENEER, METAL, GLASS, PLYWOOD, AND HARDBOARD PANELS IN SHEET FORM USED AS A SUBSTITUTE FOR LUMBER FOR GENERAL CONSTRUCTION PURPOSES. WILLIAM L. MARSHALL, LIMITED, New York, N. Y.
Filed November 28, 1945. Serial No. 492,330. PUBLISHED DECEMBER 9, 1947. Class 12.

437,098. WOODEN HOLLOW DOORS COMPRISING FACE SHEETS ATTACHED TO A MULTICELLULAR CORE STRUCTURE. THE MENGEL COMPANY, Louisville, Ky.
Filed December 15, 1945. Serial No. 493,377. PUBLISHED DECEMBER 9, 1947. Class 12.

437,099. PERFUME. THE J. R. WATKINS COMPANY, Winona, Minn.
Filed December 22, 1945. Serial No. 493,861. PUBLISHED DECEMBER 9, 1947. Class 6.

437,100. TEXTILE YARN MADE OF ALUMINUM AND ALUMINUM ALLOY FOIL. REYNOLDS METALS COMPANY, Richmond, Va.
Filed January 19, 1946. Serial No. 495,098. PUBLISHED JULY 8, 1947. Class 43.

437,101. INSECTICIDE. LIPMAN STAHL, doing business as Stahl's Service, Philadelphia, Pa.
Filed January 26, 1946. Serial No. 495,521. PUBLISHED MARCH 11, 1947. Class 6.

437,102. HARDENING ARTERIAL EMBALMING FLUID, SEMI-HARDENING ARTERIAL EMBALMING FLUID, CAVITY AND POST MORTEM EMBALMING FLUID, NON-HARDENING EMBALMING FLUID AND CAPILLARY WASH. PHILIP A. MATTIA, doing business as Victory Fluid Company, Oak Park, Ill.
Filed February 18, 1946. Serial No. 496,852. PUBLISHED DECEMBER 9, 1947. Class 6.

437,103. DISTILLED ALCOHOLIC SPIRITS—NAMELY, RUM, GIN, WHISKEY, ALCOHOLIC CORDIALS, AND LIQUEURS. LICORERIA MARIN, INC., Mayaguez, P. R.
Filed February 27, 1946. Serial No. 497,315. PUBLISHED DECEMBER 2, 1947. Class 49.

437,104. TAPE DISPENSERS FOR SERVING ADHESIVE TAPE SOLD EMPTY. BETTER PACKAGES, INCORPORATED, Shelton, Conn.
Filed March 7, 1946. Serial No. 497,772. PUBLISHED DECEMBER 16, 1947. Class 2.

437,105. WOMEN'S HATS, JACKETS, BLOUSES, AND DRESSES, ETC. THE FIRESTONE TIRE & RUBBER COMPANY, Akron, Ohio.
Filed March 23, 1946. Serial No. 498,830. PUBLISHED DECEMBER 9, 1947. Class 39.

437,106. WATCHES. BORIS SELWYN, doing business as Diamond Importing Company, Los Angeles, Calif.
Filed March 26, 1946. Serial No. 499,018. PUBLISHED DECEMBER 16, 1947. Class 27.

437,107. MINERAL-SURFACED ASPHALT-SATURATED FELT SHINGLES FOR ROOFING AND SIDING. BIRD & SON, INC., East Walpole, Mass.
Filed March 29, 1946. Serial No. 499,198. PUBLISHED DECEMBER 2, 1947. Class 12.

437,108. WINES. GEO. G. SANDEMAN, SONS & CO. LIMITED, London, England.
Filed April 2, 1946. Serial No. 499,511. PUBLISHED DECEMBER 2, 1947. Class 47.

437,109. PERFUMES, TOILET WATERS, AND COSMETIC CREAMS. LENTHERIC, INCORPORATED, New York, N. Y.
Filed April 6, 1946. Serial No. 499,790. PUBLISHED OCTOBER 8, 1946. Class 6.

437,110. CHEMICAL PRODUCT FOR PURIFYING THE AIR AND ABSORBING OBJECTIONABLE FOOD ODORS IN ELECTRICAL REFRIGERATORS, ICE BOXES, COOLERS, AND THE LIKE. PAUL P. RICHMOND, doing business as The Presco Co., Kansas City, Mo.
Filed April 18, 1946. Serial No. 500,489. PUBLISHED DECEMBER 9, 1947. Class 6.

437,111. PUBLICATION ISSUED FROM TIME TO TIME. THE ARCO COMPANY, Cleveland, Ohio.
Filed May 8, 1946. Serial No. 501,622. PUBLISHED MAY 6, 1947. Class 38.

437,112. EMPTY METAL SQUEEZE CANS FOR DISPENSING LIQUID. LATTNER BROTHERS MACHINING COMPANY, Detroit, Mich.
Filed May 17, 1946. Serial No. 502,304. PUBLISHED DECEMBER 16, 1947. Class 2.

437,113. GAS RANGES AND GAS STOVES AND PARTS THEREOF. HARDWICK STOVE COMPANY, Cleveland, Tenn.
Filed June 6, 1946. Serial No. 503,368. PUBLISHED DECEMBER 9, 1947. Class 34.

437,114. GAS RANGES AND GAS STOVES AND PARTS THEREOF. HARDWICK STOVE COMPANY, Cleveland, Tenn.
Filed June 6, 1946. Serial No. 503,369. PUBLISHED DECEMBER 9, 1947. Class 34.

437,115. LIQUID AND CREAM COLOGNE, AND PERFUMES. KAY DAUMIT, Chicago, Ill., assignor, by mesne assignments, to Kathryn, Inc., Chicago, Ill., a corporation of Illinois.
Filed June 15, 1946. Serial No. 503,976. PUBLISHED DECEMBER 9, 1947. Class 6.

437,116. ADMINISTRATION SETS CONSISTING OF AN ASSEMBLY OF TUBING ADAPTERS AND INJECTION NEEDLES, INTENDED FOR USE FOR THE INJECTION OF STERILE FLUIDS. DON BAXTER, INC., Glendale, Calif.
Filed June 17, 1946. Serial No. 504,026. PUBLISHED DECEMBER 16, 1947. Class 44.

437,117. WATCHES AND PARTS THEREOF AND CLOCKS AND PARTS THEREOF. EBOSA S. A., Granges, Switzerland.
Filed June 20, 1946. Serial No. 504,260. PUBLISHED DECEMBER 16, 1947. Class 27.

437,118. SOFT DRINK BEVERAGES AND SYRUPS USED IN MAKING SAME. NICHOLAS CHRISTOPHER, doing business as Sky Pilot Manufacturing Company, Detroit, Mich.
Filed June 21, 1946. Serial No. 504,327. PUBLISHED DECEMBER 9, 1947. Class 45.

437,119. COMPOSITION BOARD MADE OF WOOD PULP AND USED FOR TABLE-TOPS, DESK-TOPS, BENCH-TOPS AND LIKE WORKING SURFACES UPON WHICH ANY WORK IS BEING DONE. WALTER H. BORSDORFF, doing business as The Borsdorff Company, New York, N. Y., assignor to The Borsdorff Company, Inc., New York, N. Y.
Filed June 22, 1946. Serial No. 504,428. PUBLISHED DECEMBER 9, 1947. Class 12.

437,120. PERFUME. THE ANDREW JERGENS COMPANY, Cincinnati, Ohio.
Filed June 24, 1946. Serial No. 504,493. PUBLISHED SEPTEMBER 2, 1947. Class 6.

437,121. CHEMICAL COMPOUNDS, MIXTURES OF CHEMICAL COMPOUNDS, AND OIL SOLUTIONS OF CHEMICAL COMPOUNDS, AND MIXTURE OF CHEMICAL COMPOUNDS USEFUL AS IMPROVING AGENTS FOR LUBRICANTS AND INTERNAL COMBUSTION ENGINE FUELS. THE LUBRIZOL CORPORATION, Wickliffe, Ohio.
Filed June 25, 1946. Serial No. 504,568. PUBLISHED DECEMBER 9, 1947. Class 6.

437,122. NEWSPAPER AND MAGAZINE COLUMN PUBLISHED PERIODICALLY. HUBBARD HOOVER, New York, N. Y.
Filed June 28, 1946. Serial No. 504,764. PUBLISHED DECEMBER 9, 1947. Class 38.

437,123. PERFUMES, TOILET WATERS, EAU DE COLOGNE, ROUGE, LIPSTICK, NAIL POLISH, AND FACE CREAMS. GUY DEGAS, Paris, France.
Filed July 9, 1946. Serial No. 505,289. PUBLISHED DECEMBER 9, 1947. Class 6.

437,124. MEN'S AND BOYS' WORK CLOTHING—NAMELY, SHIRTS, PANTS, OVERALLS, COVERALLS, JACKETS, AND DUNGAREES. WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo.
Filed July 12, 1946. Serial No. 505,541. PUBLISHED DECEMBER 9, 1947. Class 39.

437,125. SYNTHETIC RESIN PLASTICS IN SHEET, ROD, TUBE, GRANULAR AND/OR LIQUID FORM USED IN THE INDUSTRIAL ARTS. CIBA LIMITED, Basel, Switzerland.
Filed July 18, 1946. Serial No. 505,805. PUBLISHED DECEMBER 16, 1947. Class 1.

437,126. ELASTIC DENTAL IMPRESSION MATERIAL. ITECO DENTAL MANUFACTURING COMPANY, Portland, Oreg.
Filed July 23, 1946. Serial No. 506,107. PUBLISHED DECEMBER 16, 1947. Class 44.

437,127. MALT BEVERAGES. AKTIESELSKABET DE FORENEDE BRYGGERIER, Copenhagen, Denmark.
Filed July 26, 1946. Serial No. 506,284. PUBLISHED DECEMBER 2, 1947. Class 48.

437,128. INKED RIBBONS FOR TYPEWRITERS AND OTHER OFFICE MACHINES AND CARBON PAPER. KEY RIBBON AND CARBON COMPANY, Philadelphia, Pa.
Filed August 2, 1946. Serial No. 506,755. PUBLISHED DECEMBER 16, 1947. Class 11.

437,129. INKED RIBBONS FOR TYPEWRITERS AND OTHER OFFICE MACHINES AND CARBON PAPER. KEY RIBBON AND CARBON COMPANY, Philadelphia, Pa.
Filed August 2, 1946. Serial No. 506,756. PUBLISHED DECEMBER 16, 1947. Class 11.

437,130. INKED RIBBONS FOR TYPEWRITERS AND OTHER OFFICE MACHINES AND CARBON PAPER. KEY RIBBON AND CARBON COMPANY, Philadelphia, Pa.
Filed August 2, 1946. Serial No. 506,757. PUBLISHED DECEMBER 16, 1947. Class 11.

437,131. NON-ALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES IN THE NATURE OF SOFT DRINKS. JACK SHIMANOVSKY, doing business as Jackette Beverage Co., Chicago, Ill.
Filed August 2, 1946. Serial No. 506,779. PUBLISHED DECEMBER 9, 1947. Class 45.

437,132. INSECTICIDAL BULBS AND FIRE EXTINGUISHER BULBS, MORE PARTICULARLY, DISPENSING CONTAINERS OF THE NONREFILLABLE TYPE, CONTAINING RESPECTIVELY INSECTICIDAL PREPARATIONS OR FIRE EXTINGUISHING FLUIDS WITH A PROPELLANT THEREFOR. MANUFACTURING AND TOOL CORPORATION, Burlington, Vt.
Filed August 9, 1946. Serial No. 507,132. PUBLISHED DECEMBER 9, 1947. Class 6.

437,133. INSECTICIDE. VITA-VAR CORPORATION, Newark, N. J.
Filed August 9, 1946. Serial No. 507,165. PUBLISHED DECEMBER 9, 1947. Class 6.

437,134. ADJUSTABLE POSTS FOR USE IN RAISING BUILDINGS AND ALSO AS LIFTING JACKS AND LIKE PURPOSES. HAROLD B. AUGUSTINE, doing business as Pyramid Adjustable Post Company, Buffalo, N. Y.
Filed August 10, 1946. Serial No. 507,181. PUBLISHED DECEMBER 9, 1947. Class 12.

437,135. DOOR AND CLOSET LOCK SETS, LOCKS, LATCHES, KEYS, AND DOOR BOLTS AND WINDOW AND TRANSOM LOCKS, LATCHES, CATCHES, AND FASTENERS. LOCKWOOD HARDWARE MANUFACTURING CO., Fitchburg, Mass.
Filed August 10, 1946. Serial No. 507,201. PUBLISHED SEPTEMBER 9, 1947. Class 25.

437,136. PLASTIC WALL TILE. FREDERICK B. HILL, JR., doing business as S & W Moulding Company, Columbus, Ohio.
Filed August 14, 1946. Serial No. 507,399. PUBLISHED DECEMBER 9, 1947. Class 12.

437,137. PRINTED BOOKS. DENIS MUIR, doing business as The Kingfisher Press, San Anselmo, Calif.
Filed August 17, 1946. Serial No. 507,588. PUBLISHED DECEMBER 9, 1947. Class 38.

437,138. MEDICINES AND PHARMACEUTICAL PREPARATIONS PARTICULARLY ALTERATIVES, ANALGESICS, ANAPHRODISIACS, ANESTHETICS, ANODYNES, ANTACIDS, ANTHELMINTICS, ETC. AMERICAN COLLEGE OF APOTHECARIES, Clayton, Mo.
Filed August 19, 1946. Under the act of February 20, 1905, as amended June 10, 1938. Serial No. 507,611. PUBLISHED DECEMBER 9, 1947. Class 6.

437,139. BLENDED AND TREATED GARNETTED RAYON, MADE FROM PRODUCER'S RAYON WASTE, CUT TO SPECIFIED STAPLE LENGTHS SUITABLE FOR PROCESSING ON EITHER THE COTTON OR THE WOOLEN SYSTEM. WEST POINT MANUFACTURING COMPANY, doing business as West Point Utilization Company, West Point, Ga., and Fairfax, Ala.
Filed August 21, 1946. Serial No. 507,764. PUBLISHED NOVEMBER 18, 1947. Class 1.

437,140. NON-METALLIC BUILDING MATERIALS—NAMELY, SHEETS AND BOARDS MADE OF A COMPOSITION OF WOOD FIBRES (OR OTHER FIBRES) AND PLASTIC, FOR USE IN BUILDING AND CONSTRUCTION AND FOR FLOORING, SKIRTINGS, WALLS, CEILINGS, DOORS, AND WINDOWSILLS. PREBUILT CONSTRUCTIONS LIMITED, London, England.
Filed August 22, 1946. Serial No. 507,842. PUBLISHED NOVEMBER 4, 1947. Class 12.

437,141. NUTRITIVE PREPARATION CONTAINING PROTEIN HYDROLYSATE FOR ORAL ADMINISTRATION ONLY. ABBOTT LABORATORIES, North Chicago, Ill.
Filed August 29, 1946. Serial No. 508,202. PUBLISHED JULY 8, 1947. Class 6.

437,142. PATCHING AND WATERPROOFING MATERIAL CONTAINING VARIOUSLY PORTLAND CEMENT, ASPHALTS, TAR, PITCH, OILS, WAX, LACQUER, SILICAS AND VARIOUSLY SATURATED FABRICS FOR COATING CONCRETE AND WOOD FLOORS AND STRUCTURAL WALLS OF CONCRETE, STONE, AND THE LIKE. MAINTENANCE ENGINEERING COMPANY, Philadelphia, Pa.
Filed September 4, 1946. Serial No. 508,484. PUBLISHED DECEMBER 2, 1947. Class 12.

437,143. TITLE FOR A COLUMN IN A PERIODICAL PUBLISHED AT INTERVALS. STREET & SMITH PUBLICATION, INC., New York, N. Y.
Filed September 5, 1946. Serial No. 508,557. PUBLISHED DECEMBER 2, 1947. Class 38.

437,144. DEVICE FOR DETERMINING EXACT CENTRIC RELATIONSHIP IN THE MAKING OF FULL AND PARTIAL UPPER OR LOWER DENTURES, AND PARTS OF SAID DEVICE. THE MOTLOID COMPANY, INC., Chicago, Ill.
Filed September 13, 1946. Serial No. 509,024. PUBLISHED DECEMBER 9, 1947. Class 44.

437,145. GAS FIRED OVENS FOR INDUSTRIAL USE. BAKERS PRIDE OVEN CO., INC., New York, N. Y.
Filed September 21, 1946. Serial No. 509,495. PUBLISHED DECEMBER 9, 1947. Class 34.

437,146. OUTER SKIRTS, SWEATERS, JACKETS, MITTENS, GLOVES, HATS, CAPS, AND SCARVES. ECLIPSE KNITTING MILLS, INC., East Newark, N. J.
Filed October 3, 1946. Serial No. 510,164. PUBLISHED DECEMBER 9, 1947. Class 39.

437,147. MATTRESSES AND BOX SPRINGS. EDGAR ANSPACHER, doing business as The Edan Company, Los Angeles, Calif.
Filed October 4, 1946. Serial No. 510,227. PUBLISHED OCTOBER 7, 1947. Class 32.

437,148. MASONS' AND BRICKLAYERS' MATERIALS FOR USE FOR ARTICLES FOR ORNAMENTING, DECORATING AND BUILDING—NAMELY, PANELS FOR OUTSIDE AND INSIDE WALLS, PARTITIONS, FLOORS, CEILINGS, ROOFING MATERIAL, DOORS, BLOCKS AND LINING OF WALLS, ETC. JOSÉ MARÍA DELICADO, Caracas, Venezuela.
Filed October 12, 1946. Serial No. 510,769. PUBLISHED DECEMBER 2, 1947. Class 12.

437,149. MASONS' AND BRICKLAYERS' MATERIALS FOR USE FOR ARTICLES FOR ORNAMENTING, DECORATING AND BUILDING—NAMELY, PANELS FOR OUTSIDE AND INSIDE WALLS, PARTITIONS, FLOORS, CEILINGS, ROOFING MATERIAL, DOORS, BLOCKS AND LINING OF WALLS, ETC. JOSÉ MARÍA DELICADO, Caracas, Venezuela.
Filed October 12, 1946. Serial No. 510,770. PUBLISHED DECEMBER 2, 1947. Class 12.

437,150. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS. ONE MOR, INC., Wilkes-Barre, Pa.
Filed October 14, 1946. Serial No. 510,858. PUBLISHED DECEMBER 2, 1947. Class 45.

437,151. STAMPED GOODS FOR EMBROIDERING. THE AMERICAN THREAD COMPANY, New York, N. Y.
Filed October 16, 1946. Serial No. 510,927. PUBLISHED NOVEMBER 11, 1947. Class 40.

437,152. FIBROUS ROCK WOOL INSULATION SOLD IN BULK IN BAGS; ASPHALT SHINGLE TYPE ROOFING AND SIDING COMPOSED OF INSULATING BOARDS OF PRESSED SUGAR CANE FIBER WITH AN ASPHALT COMPOUND APPLIED THERETO. INSULTEX CO., Detroit, Mich.
Filed October 22, 1946. Serial No. 511,276. PUBLISHED DECEMBER 9, 1947. Class 12.

437,153. LACE TRIMMINGS—NAMELY, MEDALLIONS AND RUFFLINGS. EMANUEL ROTH CO. INC., New York, N. Y.
Filed October 26, 1946. Serial No. 511,579. PUBLISHED DECEMBER 16, 1947. Class 40.

437,154. SYNTHETIC DETERGENT FOR USE IN THE WET-WASHING OF TEXTILES. LOUIS L. DETTELBACH, JR., doing business as The Dettelbach Company, Atlanta, Ga.
Filed November 9, 1946. Serial No. 512,325. PUBLISHED NOVEMBER 18, 1947. Class 4.

437,155. CHEWING AND SMOKING TOBACCO. GENERAL CIGAR CO., INC., New York, N. Y.
Filed November 9, 1946. Serial No. 512,327. PUBLISHED DECEMBER 9, 1947. Class 17.

437,156. FRY PANS, SAUCE PANS, SAUCE POTS, DOUBLE BOILERS, DUTCH OVENS, AND CHICKEN FRYERS MADE OF STAINLESS STEEL. VERSON MANUFACTURING COMPANY, Dallas, Tex.
Filed November 12, 1946. Serial No. 512,466. PUBLISHED DECEMBER 2, 1947. Class 13.

437,157. CIGARETTE CASES MADE OF LEATHER OR PLASTIC OR COMBINATIONS OF THESE MATERIALS. RENO WALLET COMPANY, Reno, Nev.
Filed November 14, 1946. Serial No. 512,610. PUBLISHED DECEMBER 16, 1947. Class 8.

437,158. CIGARS, CIGARETTES, AND TOBACCOS. SAKS & COMPANY, New York, N. Y.
Filed November 15, 1946. Serial No. 512,706. PUBLISHED DECEMBER 9, 1947. Class 17.

437,159. CIGARS, CIGARETTES, AND TOBACCOS. SAKS & COMPANY, New York, N. Y.
Filed November 15, 1946. Serial No. 512,707. PUBLISHED DECEMBER 9, 1947. Class 17.

437,160. CIGARS, CIGARETTES, AND TOBACCOS. SAKS & COMPANY, New York, N. Y.
Filed November 15, 1946. Serial No. 512,708. PUBLISHED DECEMBER 9, 1947. Class 17.

437,161. ANTISPASMODIC PREPARATION. STERLING DRUG INC., Wilmington, Del., assignor to Winthrop-Stearns Inc., New York, N. Y., a corporation of Delaware.
Filed November 18, 1946. Serial No. 512,805. PUBLISHED DECEMBER 16, 1947. Class 6.

437,162. ANTI-PERSPIRANT, LIPSTICK, ROUGE, FACE POWDER, EYELASH AND EYEBROW MASCARA, CREAMS FOR THE HANDS AND FACE, PERFUMES, COLOGNES, BRILLIANTINE, BODY TALC, FOOT POWDER, LEG MAKE-UP, INSECTICIDES, AND INCENSE. CONSOLIDATED COSMETICS, Chicago, Ill.
Filed November 22, 1946. Serial No. 513,030. PUBLISHED NOVEMBER 18, 1947. Class 6.

437,163. THERAPEUTIC CHEWING GUM FOR THE TREATMENT OF THE SURFACES OF TEETH TO RESIST TOOTH DECAY. HOUSE OF CORREA, INC., Boston, Mass.
Filed November 23, 1946. Serial No. 513,113. PUBLISHED DECEMBER 16, 1947. Class 6.

437,164. POTATOES, WHITE—RAW. SCHLEY BROTHERS, Baltimore, Md.
Filed November 25, 1946. Serial No. 513,214. PUBLISHED NOVEMBER 11, 1947. Class 46.

437,165. BISCUIT FLOUR. MAPLE LEAF MILLING COMPANY, LIMITED, Toronto, Ontario, Canada.
Filed November 27, 1946. Serial No. 513,324. PUBLISHED NOVEMBER 18, 1947. Class 46.

437,166. OVAL VARNISH BRUSHES FOR VARNISHING OR SIMILAR LIQUID-APPLYING USE. WHITING-ADAMS COMPANY, INC., Boston, Mass.
Filed November 27, 1946. Serial No. 513,363. PUBLISHED SEPTEMBER 2, 1947. Class 29.

437,167. BUCKLES AND BUTTONS, NOT MADE OF PRECIOUS METAL. BURWOOD PRODUCTS COMPANY, Traverse City, Mich.
Filed November 30, 1946. Serial No. 513,497. PUBLISHED DECEMBER 9, 1947. Class 40.

437,168. CHOCOLATE CANDY BARS. LES CISTERCIENNES REFORMEES, Levis, Quebec, Canada.
Filed December 2, 1946. Serial No. 513,582. PUBLISHED NOVEMBER 11, 1947. Class 46.

337,169. SHEET METAL SHIP LAP SIDING. NATIONAL ALUMINUM PRODUCTS CO., Canton, Ohio.
Filed December 4, 1946. Serial No. 513,677. PUBLISHED DECEMBER 9, 1947. Class 12.

437,170. LIQUID AND POWDER INSECTICIDES. WESTERN EXTERMINATING CO., INC., Newark, N. J., assignor to Residex Corporation, Newark, N. J., a corporation of New Jersey.
Filed December 4, 1946. Serial No. 513,703. PUBLISHED DECEMBER 9, 1947. Class 6.

437,171. BOOKS OF SCIENTIFIC INSTRUCTION IN RADIO. MARVIN H. KRONENBERG, doing business as Vision Research Laboratories, Kew Gardens, N. Y.
Filed December 6, 1946. Serial No. 513,826. PUBLISHED DECEMBER 9, 1947. Class 38.

437,172. ZIRCONIUM DIOXIDE AND OTHER OXYGEN DERIVATIVES OF ZIRCONIUM USED AS A HIGH TEMPERATURE REFRACTORY IN FURNACE LININGS. THE TITANIUM ALLOY MANUFACTURING COMPANY, Niagara Falls, N. Y.
Filed December 6, 1946. Serial No. 513,855. PUBLISHED NOVEMBER 11, 1947. Class 12.

437,173. GLASS FIBROUS MATTED MATERIAL FOR WRAPPING AND INSULATING UNDERGROUND OR LIKE PIPES. THE VITRON CORPORATION, Wilmington, Del.
Filed December 7, 1946. Serial No. 513,917. PUBLISHED DECEMBER 9, 1947. Class 12.

437,174. MAGAZINE OR PUBLICATION CONTAINING PICTORIAL MATTER IN THE FORM OF COMIC OR CARTOON PANELS OR STRIPS AND PUBLISHED MONTHLY AND/OR AT OTHER INTERVALS. HILLMAN PERIODICALS, INC., New York, N. Y.
Filed December 17, 1946. Serial No. 514,416. PUBLISHED DECEMBER 9, 1947. Class 38.

437,175. LIPSTICK AND ROUGE. RICHARD HUDNUT, New York, N. Y.
Filed December 18, 1946. Serial No. 514,477. PUBLISHED DECEMBER 16, 1947. Class 6.

437,176. RICE FOR FOOD. CONVERTED RICE, Houston, Tex., assignor to Converted Rice, Inc., Houston, Tex., a corporation of Delaware.
Filed December 20, 1946. Serial No. 514,591. PUBLISHED DECEMBER 30, 1947. Class 46.

437,177. CIGARS. GRADIAZ, ANNIS & CO., INC., Tampa, Fla.
Filed December 20, 1946. Serial No. 514,603. PUBLISHED DECEMBER 16, 1947. Class 17.

437,178. BOOKLETS PUBLISHED MONTHLY. MARY E. FISCHER, doing business as Small Fry Service, Portland, Oreg.
Filed December 26, 1946. Serial No. 514,808. PUBLISHED DECEMBER 9, 1947. Class 38.

437,179. HANDBAGS. GORDON P. WOOD, Montreal, Quebec, Canada.
Filed December 26, 1946. Serial No. 514,867. PUBLISHED NOVEMBER 18, 1947. Class 3.

437,180. ASPHALT TYPE COATING FOR FABRIC, GRAVEL, OR METAL ROOFS. THE MASTER MECHANICS Co., Cleveland, Ohio.
Filed December 28, 1946. Serial No. 514,969. PUBLISHED NOVEMBER 4, 1947. Class 12.

437,181. BLEACHING PREPARATION HAVING INCIDENTAL CLEANING, GERMICIDAL, AND DISINFECTANT USES. MINNIE T. CALI, doing business as Radiant Wash Solution Co., Olean, N. Y.
Filed January 4, 1947. Serial No. 515,253. PUBLISHED DECEMBER 9, 1947. Class 6.

437,182. MATTRESSES AND BED SPRINGS. R. C. HELLER CO. INC., Baltimore, Md.
Filed January 16, 1947. Serial No. 515,838. PUBLISHED OCTOBER 14, 1947. Class 32.

437,183. SMOKERS' UTILITY BOXES MADE OF PLASTIC MATERIAL, COMPOSITION MATERIAL, OR OF BASE METAL, FOR CIGARETTES, CIGARS, LITTLE CIGARS, AND TOBACCO. MIDWEST MANUFACTURING AND ENGINEERING CORP., Boston, Mass., and New York, N. Y.
Filed January 17, 1947. Serial No. 515,891. PUBLISHED DECEMBER 16, 1947. Class 8.

437,184. WINES. MARLBORO INDUSTRIES, LTD., Marlboro, N. Y.
Filed January 25, 1947. Serial No. 516,366. PUBLISHED OCTOBER 28, 1947. Class 47.

437,185. WINDOW AND DOOR SCREENS INCLUDING FRAMES. ACME SCREEN COMPANY, INC., Dallas, Tex.
Filed January 27, 1947. Serial No. 516,389. PUBLISHED DECEMBER 9, 1947. Class 12.

437,186. CANDY. CASEBOLT BISCUIT COMPANY, Dallas, Tex.
Filed January 28, 1947. Serial No. 516,467. PUBLISHED NOVEMBER 11, 1947. Class 46.

437,187. CANDY. CASEBOLT BISCUIT COMPANY, Dallas, Tex.
Filed January 28, 1947. Serial No. 516,469. PUBLISHED NOVEMBER 11, 1947. Class 46.

437,188. REFRACTORY CONCRETE. THE BABCOCK & WILCOX COMPANY, New York, N. Y.
Filed January 29, 1947. Serial No. 516,524. PUBLISHED DECEMBER 9, 1947. Class 12.

437,189. CHINA CUPS AND SAUCERS AND OTHER TABLE CHINAWARE. MIGNON H. PATTERSON, Washington, D. C., now by judicial change of name Mignon Deane Holmead.
Filed January 29, 1947. Serial No. 516,568. PUBLISHED DECEMBER 16, 1947. Class 30.

437,190. BIAS BINDINGS, WAIST BANDS, PIPINGS, CORDING, AND SHOULDER PADS FOR WEARING APPAREL. METROPOLITAN BIAS BINDING CO., Philadelphia, Pa.
Filed January 30, 1947. Serial No. 516,625. PUBLISHED DECEMBER 9, 1947. Class 40.

437,191. GAS STOVES AND RANGES. GEO. D. ROPER CORPORATION, Rockford, Ill.
Filed January 31, 1947. Serial No. 516,729. PUBLISHED NOVEMBER 11, 1947. Class 34.

437,192. NON-ELECTRIC HAIR PRESSING, WAVING, AND CURLING IRON. SAMUEL SHAPIRO, Newark, N. J.
Filed February 1, 1947. Serial No. 516,790. PUBLISHED NOVEMBER 18, 1947. Class 40.

437,193. PAPER CUPS. SWEETHEART PAPER PRODUCTS COMPANY, INC., Chelsea, Mass.
Filed February 8, 1947. Serial No. 517,213. PUBLISHED DECEMBER 9, 1947. Class 2.

437,194. WINES. DUGGAN'S DISTILLERS PRODUCTS CORPORATION, Newark, N. J.
Filed February 11, 1947. Serial No. 517,293. PUBLISHED DECEMBER 9, 1947. Class 47.

437,195. LIQUID ASBESTOS ROOF COATINGS AND PLASTIC ROOFING CEMENTS. PANTHER OIL & GREASE MFG. CO., Fort Worth, Tex.
Filed February 13, 1947. Serial No. 517,426. PUBLISHED DECEMBER 9, 1947. Class 12.

437,196. PERIODICALS. GEO. A. PFLAUM, PUBLISHER, INC., Dayton, Ohio.
Filed February 13, 1947. Serial No. 517,429. PUBLISHED DECEMBER 9, 1947. Class 38.

437,197. PERIODICALS. GEO. A. PFLAUM, PUBLISHER, INC., Dayton, Ohio.
Filed February 13, 1947. Serial No. 517,430. PUBLISHED DECEMBER 9, 1947. Class 38.

437,198. PERIODICALS. GEO. A. PFLAUM, PUBLISHER, INC., Dayton, Ohio.
Filed February 13, 1947. Serial No. 517,431. PUBLISHED DECEMBER 9, 1947. Class 38.

437,199. CANNED FRUITS, CANNED VEGETABLES, AND CANNED TOMATO PASTE. FLOTILL PRODUCTS, INCORPORATED, Stockton, Calif.
Filed February 17, 1947. Serial No. 517,628. PUBLISHED NOVEMBER 11, 1947. Class 46.

437,200. COLOGNES AND PERFUMES. LINNEA PERFUMES, INC., Chicago, Ill.
Filed February 19, 1947. Serial No. 517,787. PUBLISHED DECEMBER 16, 1947. Class 6.

437,201. ALUMINUM INSULATED SHINGLE TILES AND ALUMINUM SHINGLES. THE ALUMALUX COMPANY, Carson City, Nev., and Pasadena, Calif.
Filed February 24, 1947. Serial No. 517,947. PUBLISHED DECEMBER 2, 1947. Class 12.

437,202. PLASTIC-LIKE MATERIAL IN SHEET FORM USED AS A COVERING IN BUILDING CONSTRUCTION, GENERAL CONSTRUCTION AND INDUSTRY IN GENERAL; FOR WEATHERPROOFING, FOR WATERPROOFING; FOR ROOF COVERING, WALL COVERING, AND INSULATION. RUBBER AND PLASTICS COMPOUND CO. INC., New York, N. Y.
Filed February 24, 1947. Serial No. 518,043. PUBLISHED DECEMBER 2, 1947. Class 12.

437,203. HAIR CURLERS. MERVIN WAVE CLIP CO. INC., New York, N. Y.
Filed February 25, 1947. Serial No. 518,091. PUBLISHED NOVEMBER 18, 1947. Class 40.

437,204. WOMEN'S SLEEPING GOWNS AND SLEEPING PAJAMAS. MUNSINGWEAR, INC., Minneapolis, Minn.
Filed February 26, 1947. Serial No. 518,165. PUBLISHED DECEMBER 2, 1947. Class 39.

437,205. ROSIN SIZE FOR USE IN THE SIZING OF PAPER. HERCULES POWDER COMPANY, Wilmington, Del.
Filed February 27, 1947. Serial No. 518,224. PUBLICATION WAIVED. Class 6.

437,206. SHOULDER PADS IN THE NATURE OF GARMENT FINDINGS. BETTY DAIN CREATIONS, INC., New York, N. Y.
Filed March 4, 1947. Serial No. 518,453. PUBLISHED NOVEMBER 4, 1947. Class 40.

437,207. HANDBAGS, BILLFOLDS, CARD CASES, MANICURE SET CASES, MADE OF LEATHER AND/OR ARTIFICIAL LEATHER, AND SOLD EMPTY. HARRY MORRIS ASSOCIATES, Chicago, Ill.
Filed March 4, 1947. Serial No. 518,475. PUBLISHED NOVEMBER 18, 1947. Class 3.

437,208. MEN'S FACIAL CREAM. SHADOW PROOF, INC., Boston, Mass.
Filed March 7, 1947. Serial No. 518,699. PUBLISHED DECEMBER 16, 1947. Class 6.

437,209. STORM WINDOWS. WALTER M. KRANTZ, doing business as the Lite House Storm Window Company, Youngstown, Ohio.
Filed March 10, 1947. Serial No. 518,766. PUBLISHED DECEMBER 9, 1947. Class 12.

437,210. ROUGE AND LIPSTICK. RICHARD HUDNUT, New York, N. Y.
Filed March 12, 1947. Serial No. 518,888. PUBLISHED DECEMBER 9, 1947. Class 6.

437,211. HOSIERY. CHESTER H. ROTH CO. INC., New York, N. Y.
Filed March 15, 1947. Serial No. 519,008. PUBLISHED NOVEMBER 18, 1947. Class 39.

437,212. WALLETS. PHILIP FLORIN, INC., New York, N. Y.
Filed March 20, 1947. Serial No. 519,324. PUBLISHED NOVEMBER 18, 1947. Class 3.

437,213. PEROXIDE NEUTRALIZER, WHICH WHEN APPLIED TO HUMAN HAIR IMMEDIATELY AFTER THE SAME HAS BEEN TREATED BY A BLEACH CONTAINING PEROXIDE WILL CONVERT THE PEROXIDE TO WATER AND PREVENT OVERBLEACHING. DISTINCTIVE PRODUCTS DEVELOPMENT CORP., Cincinnati, Ohio.
Filed March 27, 1947. Serial No. 519,632. PUBLISHED DECEMBER 9, 1947. Class 6.

437,214. PERFUME DISPENSERS MADE OF ALUMINUM AND SOLD EMPTY. THE NIKU COMPANY, INC., New York, N. Y.
Filed March 27, 1947. Serial No. 519,687. PUBLISHED NOVEMBER 18, 1947. Class 2.

437,215. RECIPE CHART FOR MIXED DRINKS. GERALD E. FORCE, Washington, D. C.
Filed March 28, 1947. Serial No. 519,745. PUBLISHED DECEMBER 9, 1947. Class 38.

437,216. HAIR OIL. SADIE M. JONES, doing business as Sadie's, Jackson, Miss.
Filed March 28, 1947. Serial No. 519,755. PUBLISHED DECEMBER 9, 1947. Class 6.

437,217. CEDAR SHINGLES AND LUMBER. COMMUNITY BUILDERS, INC., Skokie, Ill.
Filed April 1, 1947. Serial No. 519,926. PUBLISHED DECEMBER 2, 1947. Class 12.

437,218. THREAD AND YARNS OF SPUN NYLON AND NYLON BLENDED WITH OTHER FIBERS—NAMELY, WOOL, COTTON, RAYON, AND AZLON. NEWNAN COTTON MILLS, Newnan, Ga.
Filed April 3, 1947. Serial No. 520,113. PUBLISHED NOVEMBER 18, 1947. Class 43.

437,219. PERFUME AND TOILET WATER. ELIZABETH NORRIS, doing business as Nina de Lisle, New York, N. Y.
Filed April 3, 1947. Serial No. 520,115. PUBLISHED DECEMBER 16, 1947. Class 6.

437,220. STERILE INJECTIBLE SOLUTION AND/OR MICROSUSPENSION OF CRYSTALLINE ESTROGENS USED FOR THE PARENTERAL ADMINISTRATION OF ESTROGENIC HORMONES. S. F. DURST & CO., INC., Philadelphia, Pa.
Filed April 4, 1947. Serial No. 520,152. PUBLISHED DECEMBER 9, 1947. Class 6.

437,221. MAGAZINE PUBLISHED PERIODICALLY AND DEVOTED TO THE MERCHANDISING OF NOVELTIES AND SPECIALTIES. SUNDRIES PUBLISHING CO., INC., New York, N. Y.
Filed April 4, 1947. Serial No. 520,191. PUBLISHED DECEMBER 2, 1947. Class 38.

437,222. PLASTIC AND CEMENT PRODUCTS—NAMELY, TILES FOR FLOORS, WALLS, AND CEILINGS AND IN CONSTRUCTION OF FURNITURE. MORRIS MEROW, Brooklyn, N. Y.
Filed April 5, 1947. Serial No. 520,225. PUBLISHED DECEMBER 2, 1947. Class 12.

437,223. TITLE FOR A COLUMN IN A PERIODICAL PUBLISHED AT INTERVALS. STREET & SMITH PUBLICATIONS, INC., New York, N. Y.
Filed April 9, 1947. Serial No. 520,425. PUBLISHED DECEMBER 9, 1947. Class 38.

437,224. COMIC MAGAZINE PUBLISHED FROM TIME TO TIME. COMPIX, INC., New York, N. Y.
Filed April 10, 1947. Serial No. 520,442. PUBLISHED DECEMBER 9, 1947. Class 38.

437,225. SANDWICH SPREAD. DONALD G. GREGOIRE, doing business as Frenchef Products Co., Manchester, N. H.
Filed April 10, 1947. Serial No. 520,456. PUBLISHED DECEMBER 9, 1947. Class 46.

437,226. LADIES' HANDBAGS OF FABRIC, LEATHER, PLASTIC, AND COMBINATIONS THEREOF. DELILL CREATIONS COMPANY, New York, N. Y.
Filed April 12, 1947. Serial No. 520,553. PUBLISHED NOVEMBER 18, 1947. Class 3.

437,227. PUBLICATION ISSUED PERIODICALLY. CLARENCE JUDD, doing business as Good Business, Mount Kisco, N. Y., assignor to Amos Parrish & Company, Inc., New York, N. Y., a corporation of New York.
Filed April 14, 1947. Serial No. 520,630. PUBLISHED DECEMBER 9, 1947. Class 38.

437,228. GREETING CARDS. WHITE & WYCKOFF MFG. CO., Holyoke, Mass.
Filed April 14, 1947. Serial No. 520,661. PUBLISHED DECEMBER 9, 1947. Class 38.

437,229. HANDBAGS AND POCKETBOOKS. EDWARD BEAM, JR., Washington, D. C.
Filed April 15, 1947. Serial No. 520,679. PUBLISHED NOVEMBER 18, 1947. Class 3.

437,230. FABRIC AND CANVAS FOUNDATION MATERIALS BOTH STAMPED WITH A PATTERN AND UNSTAMPED AND PARTLY WORKED WITH WOOL OR OTHER YARN FOR MAKING HOOKED RUGS; PARTLY FINISHED NEEDLE POINT AND PETIT POINT TAPESTRIES; AND FABRICS STAMPED WITH DESIGNS FOR ART NEEDLEWORK. JOHN DRITZ & SONS, New York, N. Y.
Filed April 18, 1947. Serial No. 520,938. PUBLISHED NOVEMBER 18, 1947. Class 40.

437,231. BEER. FITGER BREWING COMPANY, Duluth, Minn.
Filed April 18, 1947. Serial No. 520,942. PUBLISHED DECEMBER 2, 1947. Class 48.

437,232. THREAD AND YARN OF WOOL, ANGORA, SILK, COTTON, RAYON, RAMIE, PURE AND MIXED. DIFFUSION TEXTILE DE FILES DE MARQUE FRANCAISE, SOCIÉTÉ ANONYME, Nord, France.
Filed April 19, 1947. Serial No. 521,000. PUBLISHED NOVEMBER 18, 1947. Class 43.

437,233. THREAD AND YARN OF WOOL, ANGORA, SILK, COTTON, RAYON, RAMIE, PURE AND MIXED. DIFFUSION TEXTILE DE FILES DE MARQUE FRANCAISE, SOCIÉTÉ ANONYME, Nord, France.
Filed April 19, 1947. Serial No. 521,001. PUBLISHED NOVEMBER 18, 1947. Class 43.

437,234. LAMINATED PLYWOOD LUMBER FOR BUILDING PURPOSES. TIDEWATER PLYWOOD COMPANY, Brunswick, Ga.
Filed April 19, 1947. Serial No. 521,038. PUBLISHED NOVEMBER 4, 1947. Class 12.

437,235. IMPRESSION CEMENT FOR USE BY DENTISTS TO OBTAIN EXACT IMPRESSIONS OF RIDGE TISSUES IN THE MOUTH. RELIANCE DENTAL MFG. CO., Chicago, Ill.
Filed April 23, 1947. Serial No. 521,208. PUBLISHED DECEMBER 16, 1947. Class 44.

437,236. FACIAL CREAM. HELENA RUBINSTEIN, INC., New York, N. Y.
Filed April 24, 1947. Serial No. 521,257. PUBLISHED DECEMBER 16, 1947. Class 6.

437,237. HATS FOR MEN. HAT CORPORATION OF AMERICA, Norwalk, Conn.
Filed April 25, 1947. Serial No. 521,331. PUBLISHED DECEMBER 2, 1947. Class 39.

437,238. CARTOONS. WILLIAM F. SHANKS, St. Louis, Mo.
Filed April 25, 1947. Serial No. 521,364. PUBLISHED DECEMBER 9, 1947. Class 38.

437,239. COTTON SWEATERS. KNITSTER, INC., Los Angeles, Calif.
Filed April 26, 1947. Serial No. 521,393. PUBLISHED DECEMBER 9, 1947. Class 39.

437,240. OIL LAMPS. RUBICON, INC., New York, N. Y.
Filed April 29, 1947. Serial No. 521,536. PUBLISHED NOVEMBER 4, 1947. Class 34.

437,241. LUGGAGE—NAMELY, LADIES' AND MEN'S SUITCASES, WARDROBE CASES, TRAIN CASES, OVERNIGHT SUITCASES, LADIES' HANDBAGS AND FITTED CASES. B & F MANUFACTURING CO. INC., New York, N. Y.
Filed April 30, 1947. Serial No. 521,555. PUBLISHED NOVEMBER 18, 1947. Class 3.

437,242. HANDBAGS, BILLFOLDS, CARD CASES, MANICURE SET CASES MADE OF LEATHER OR LEATHEROID AND SOLD EMPTY. HARRY MORRIS ASSOCIATES, Chicago, Ill.
Filed April 30, 1947. Serial No. 521,589. PUBLISHED NOVEMBER 11, 1947. Class 3.

437,243. CORK INSULATION, CORK BOARDS, AND PIPE COVERINGS. MUNDET CORK CORPORATION, New York and Brooklyn, N. Y.
Filed April 30, 1947. Serial No. 521,593. PUBLISHED NOVEMBER 11, 1947. Class 12.

437,244. CORK INSULATION, CORK BOARDS AND CORK PIPE COVERING. MUNDET CORK CORPORATION, Brooklyn, N. Y.
Filed April 30, 1947. Serial No. 521,595. PUBLISHED NOVEMBER 11, 1947. Class 12.

437,245. MONTHLY MAGAZINE. NATIONAL LAYMEN'S EVANGELISTIC ASSOCIATION, INC., Charlotte, N. C.
Filed April 30, 1947. Serial No. 521,603. PUBLISHED DECEMBER 9, 1947. Class 38.

437,246. COMIC STRIP IN A DAILY NEWSPAPER. FIELD ENTERPRISES, INC., Chicago, Ill.
Filed May 1, 1947. Serial No. 521,657. PUBLISHED DECEMBER 2, 1947. Class 38.

437,247. WORK GLOVES. TENNESSEE GLOVE COMPANY, Tullahoma, Tenn.
Filed May 3, 1947. Serial No. 521,834. PUBLISHED DECEMBER 9, 1947. Class 39.

437,248. DENTAL ALLOY. JAY GELMAN BERESIN, doing business as Superior Dental Laboratories, Philadelphia, Pa.
Filed May 5, 1947. Serial No. 521,849. PUBLISHED DECEMBER 16, 1947. Class 44.

437,249. NEWS COLUMN ON AVIATION. FRANCES E. BIADASZ, Arlington, Va.
Filed May 6, 1947. Serial No. 521,960. PUBLISHED DECEMBER 2, 1947. Class 38.

437,250. MAGAZINE COLUMN. THE NEW YORKER MAGAZINE, INC., New York, N. Y.
Filed May 6, 1947. Serial No. 521,980. PUBLISHED DECEMBER 2, 1947. Class 38.

437,251. WOMEN'S AND MISSES' HANDBAGS. SAKS & COMPANY, New York, N. Y.
Filed May 6, 1947. Serial No. 521,984. PUBLISHED NOVEMBER 18, 1947. Class 3.

437,252. PRECIOUS AND NON-PRECIOUS ORNAMENTAL JEWELRY FOR PERSONAL ADORNMENT, NOT INCLUDING WATCHES. OMAR, INC., New York, N. Y.
Filed May 6, 1947. Serial No. 521,991. PUBLISHED DECEMBER 16, 1947. Class 28.

437,253. REFRACTORY MATERIALS SUITABLE FOR PROTECTIVE COATINGS IN FURNACE LINING AND REPAIRING. BASIC REFRACTORIES, INC., Cleveland, Ohio.
Filed May 7, 1947. Serial No. 522,024. PUBLISHED DECEMBER 9, 1947. Class 12.

437,254. WOOL YARN AND COTTON YARN, RAW OR DYED. GOODMAN BROS., Chicago, Ill.
Filed May 10, 1947. Serial No. 522,188. PUBLISHED DECEMBER 2, 1947. Class 43.

437,255. ART NEEDLEWORK YARNS MADE OF WOOL. BERNHARD ULMANN CO. INC., New York, N. Y.
Filed May 10, 1947. Serial No. 522,210. PUBLISHED DECEMBER 9, 1947. Class 43.

437,256. CANNED AND BOTTLED BEER. GEORGE MUEHLEBACH BREWING COMPANY, Kansas City, Mo.
Filed May 12, 1947. Serial No. 522,222. PUBLISHED DECEMBER 9, 1947. Class 48.

437,257. FRESH VEGETABLES. JOHN W. LAW CO., also doing business as John W. Law, Santa Maria and Guadalupe, Calif.
Filed May 12, 1947. Serial No. 522,256. PUBLISHED NOVEMBER 25, 1947. Class 46.

437,258. WINES. MONARCH WINE COMPANY OF GEORGIA, Atlanta, Ga.
Filed May 12, 1947. Serial No. 522,277. PUBLISHED DECEMBER 9, 1947. Class 47.

437,259. RAINCOATS. SPATZ BROS., INC., New York, N. Y.
Filed May 13, 1947. Serial No. 522,335. PUBLISHED DECEMBER 9, 1947. Class 39.

437,260. TEXTILE AND LEATHER BINDING AND TRIMMING TAPE FOR USE ON SHOES, AND ON AUTOMOBILE AND OTHER UPHOLSTERY. HALEY CATE COMPANY, INC., Everett, Mass.
Filed May 13, 1947. Serial No. 522,347. PUBLISHED DECEMBER 9, 1947. Class 40.

437,261. COMBINATION WOOD AND IRON BRIDGE TYPE GATES. MCJILTON & SON, Fisher, Ill.
Filed May 16, 1947. Serial No. 522,540. PUBLISHED DECEMBER 9, 1947. Class 12.

437,262. MEN'S UNDERWEAR. STANLEY UNDERWEAR CO., Lititz, Pa.
Filed May 20, 1947. Serial No. 522,719. PUBLISHED DECEMBER 9, 1947. Class 39.

437,263. DIURETIC REMEDY FOR THE TREATMENT OF OEDEMA OF CARDIAC ORIGIN IN POWDER, LIQUID, AND TABLET FORM. GEIGY COMPANY, INC., New York, N. Y.
Filed May 21, 1947. Serial No. 522,780. PUBLISHED DECEMBER 9, 1947. Class 6.

437,264. MEDICINES AND PHARMACEUTICALS, CONSISTING OF A COMBINATION OF SULPHONAMIDE WITH A COMPOUND OF OXYQUINALDINE DERIVATIVES FOR USE AS A POLYVALENT DISINFECTANT, PROPHYLACTIC, AND THERAPEUTIC AGENT IN LOCAL SKIN INFECTIONS OF BACTERIAL AND MYCOTIC ORIGIN. GEIGY COMPANY, INC., New York, N. Y.
Filed May 21, 1947. Serial No. 522,781. PUBLISHED DECEMBER 16, 1947. Class 6.

437,265. UMBRELLA HANDLES AND CANES. SHERMAR WEATHERPROOFS, INC., New York, N. Y.
Filed May 22, 1947. Serial No. 522,792. PUBLISHED DECEMBER 2, 1947. Class 41.

437,266. INSULATION MATERIAL OF THE ROCK WOOL TYPE, USED FOR INSULATING THE WALLS AND ROOFS OF BUILDINGS. THE EAGLE-PICHER COMPANY, Cincinnati, Ohio.
Filed May 22, 1947. Serial No. 522,820. PUBLISHED DECEMBER 9, 1947. Class 12.

437,267. VENETIAN BLIND TAPE. WOLLUN MILLS, INCORPORATED, Paterson, N. J.
Filed May 23, 1947. Serial No. 522,926. PUBLISHED DECEMBER 9, 1947. Class 40.

437,268. FRESH CITRUS FRUITS. ORANGE BELT FRUIT DISTRIBUTORS, Pomona, Calif.
Filed May 24, 1947. Serial No. 523,003. PUBLISHED NOVEMBER 25, 1947. Class 46.

437,269. CANNED FISH—NAMELY, TUNA. PEOPLE'S PACKING CORPORATION, San Diego, Calif.
Filed May 26, 1947. Serial No. 523,035. PUBLISHED NOVEMBER 25, 1947. Class 46.

437,270. CHEMICALS FOR USE IN METAL PROCESSING BATHS, SPECIFICALLY, MATERIAL FOR HARDENING OR HEAT TREATMENT OF VARIOUS METALS. HEATBATH CORPORATION, Indian Orchard, Mass.
Filed May 27, 1947. Serial No. 523,128. PUBLISHED DECEMBER 16, 1947. Class 6.

437,271. ENZYME PREPARATION FOR USE IN THE INDUSTRIAL ARTS. ROHM & HAAS COMPANY, Philadelphia, Pa.
Filed May 29, 1947. Serial No. 523,280. PUBLISHED DECEMBER 16, 1947. Class 6.

437,272. YARN AND THREAD. LINGOLD, INC., New York, N. Y.
Filed May 31, 1947. Serial No. 523,319. PUBLISHED DECEMBER 2, 1947. Class 43.

437,273. ART NEEDLEWORK YARNS. BERNHARD ULMANN CO. INC., Long Island City, N. Y.
Filed June 6, 1947. Serial No. 523,644. PUBLISHED DECEMBER 9, 1947. Class 43.

437,274. COLLAR BUTTONS, COLLAR HOLDERS, TIE HOLDERS, SHIRT STUDS, BELT BUCKLES, ETC. HICKOK MANUFACTURING CO. INC., Rochester, N. Y.
Filed June 6, 1947. Serial No. 523,668. PUBLISHED DECEMBER 16, 1947. Class 28.

437,275. THREAD. THE LINEN THREAD CO., INC., New York, N. Y.
Filed June 6, 1947. Serial No. 523,690. PUBLISHED NOVEMBER 11, 1947. Class 43.

437,276. DAIRY FEED AND HOG FEED. MARITIME MILLING CO. INC., Buffalo, N. Y.
Filed June 6, 1947. Serial No. 523,692. PUBLISHED DECEMBER 2, 1947. Class 46.

437,277. GUARD TO PREVENT THE SMEARING OF FINGERNAIL POLISH. LOIS PFISTER, San Francisco, Calif.
Filed June 9, 1947. Serial No. 523,847. PUBLISHED DECEMBER 16, 1947. Class 44.

437,278. CANNED TOMATO PASTE. WEST COAST PACKING CORPORATION, Long Beach, Calif.
Filed June 9, 1947. Serial No. 523,873. PUBLISHED DECEMBER 2, 1947. Class 46.

437,279. INFANTS', CHILDREN'S, LADIES', AND MISSES' PAJAMAS, NIGHTGOWNS, AND BED JACKETS. LA CHEZ MANUFACTURING CO., New York, N. Y.
Filed June 10, 1947. Serial No. 523,897. PUBLISHED DECEMBER 9, 1947. Class 39.

437,280. WOMEN'S HOSIERY. MO-ZELL HOSIERY, Philadelphia, Pa.
Filed June 10, 1947. Serial No. 523,917. PUBLISHED DECEMBER 9, 1947. Class 39.

437,281. STERLING SILVER FLAT TABLEWARE. ONEIDA LTD., Sherrill and Oneida, N. Y.
Filed June 11, 1947. Serial No. 523,982. PUBLISHED DECEMBER 16, 1947. Class 28.

437,282. SILVERPLATED FLAT TABLEWARE. ONEIDA LTD., Sherrill and Oneida, N. Y.
Filed June 11, 1947. Serial No. 523,989. PUBLISHED DECEMBER 16, 1947. Class 28.

437,283. SILVERPLATED FLAT TABLEWARE. ONEIDA LTD., Sherrill and Oneida, N. Y.
Filed June 11, 1947. Serial No. 523,991. PUBLISHED DECEMBER 16, 1947. Class 28.

437,284. DOMESTIC AND INDUSTRIAL OIL BURNERS FOR HEATING AND PARTS THEREOF. R. W. BECKETT CORPORATION, Elyria, Ohio.
Filed June 12, 1947. Serial No. 524,051. PUBLISHED NOVEMBER 4, 1947. Class 34.

437,285. ROPE AND STRANDS MADE OF TREATED UNDRAWN NYLON. ALL AMERICAN AVIATION, INC., Wilmington, Del.
Filed June 13, 1947. Serial No. 524,098. PUBLISHED DECEMBER 9, 1947. Class 7.

437,286. NARROW WEBBING MADE OF UNDRAWN NYLON. ALL AMERICAN AVIATION, INC., Wilmington, Del.
Filed June 13, 1947. Serial No. 524,099. PUBLISHED DECEMBER 9, 1947. Class 40.

437,287. HAIR COMBS. STANLEY HOME PRODUCTS, INC., Westfield, Mass.
Filed June 13, 1947. Serial No. 524,161. PUBLISHED NOVEMBER 11, 1947. Class 40.

437,288. LADIES' HANDBAGS AND POCKETBOOKS. BRAUER BROS. SHOE CO., St. Louis, Mo.
Filed June 17, 1947. Serial No. 524,292. PUBLISHED NOVEMBER 18, 1947. Class 3.

437,289. HAIR TONIC. COLGATE-PALMOLIVE-PEET COMPANY, Jersey City, N. J.
Filed June 18, 1947. Serial No. 524,377. PUBLISHED DECEMBER 16, 1947. Class 6.

437,290. PERFUME; TOILET WATER; EAU DE COLOGNE; FACE, TALCUM, AND BATH POWDER; LIQUID AND CAKE ROUGE; LIPSTICK; FACE AND HAND CREAM AND LOTION; AND BATH SALTS. JEROME F. MAY, Asbury Park, N. J.
Filed June 18, 1947. Serial No. 524,406. PUBLISHED DECEMBER 16, 1947. Class 6.

437,291. KEROSENE LAMPS. PAUL A. PRICE, New York, N. Y.
Filed June 18, 1947. Serial No. 524,414. PUBLISHED NOVEMBER 4, 1947. Class 34.

437,292. ANAESTHETICS, ANTACIDS, LAXATIVES, EFFERVESCIBLE SALINES, ANTISEPTICS, GERMICIDES, INHALANTS, SEDATIVES, HYPNOTICS, ETC. THOMAS KERFOOT & CO., LIMITED, Bardsley, Lancashire, England.
Filed June 20, 1947. Serial No. 524,581. PUBLISHED DECEMBER 9, 1947. Class 6.

437,293. MEDICINAL PREPARATION—NAMELY, A LIQUID LIVER VITAMIN PREPARATION FOR GENERAL DEBILITY, ANOREXIA, OR MALNUTRITION ATTENDED BY ANEMIA. THE G. F. HARVEY COMPANY, Saratoga Springs, N. Y.
Filed June 21, 1947. Serial No. 524,603. PUBLISHED DECEMBER 16, 1947. Class 6.

437,294. UTILITY BAGS OF FABRIC, IMITATION LEATHER, PLASTIC MATERIAL, AND COMBINATIONS THEREOF FOR TRAVELLING. MAX MARGOLIN, New York, N. Y.
Filed June 24, 1947. Serial No. 524,711. PUBLISHED NOVEMBER 18, 1947. Class 3.

437,295. DOUCHE SYRINGES, HOT WATER BAGS, AND HOT WATER BOTTLES. TYRRELL'S HYGIENIC INSTITUTE, INC., New York, N. Y.
Filed June 24, 1947. Serial No. 524,753. PUBLISHED DECEMBER 16, 1947. Class 44.

437,296. SURGICAL BANDAGE. A. DE ST. DALMAS & CO., LTD., Leicester, England.
Filed June 27, 1947. Serial No. 524,957. PUBLISHED DECEMBER 9, 1947. Class 44.

437,297. PREPARATION FOR USES COMPRISING THOSE OF ANESTHETIC, ANALGESIC, HYPNOTIC, SEDATIVE, SLEEP-PRODUCING, AND VASO-DILATION AGENTS. SHARP & DOHME, INCORPORATED, Philadelphia, Pa.
Filed June 28, 1947. Serial No. 525,114. PUBLISHED DECEMBER 9, 1947. Class 6.

437,298. SHALLOW DISHWARE—NAMELY, TUMBLER COASTERS, DECANTER COASTERS, ASH RECEIVERS, SAUCERS, TRAYS MADE OF GLASS AND DECORATED WITH PRECIOUS, OR SEMI-PRECIOUS METAL. THE ELLMORE SILVER CO., INC., Meriden, Conn.
Filed June 30, 1947. Serial No. 525,202. PUBLISHED DECEMBER 16, 1947. Class 28.

437,299. WORSTED YARN. ABBOT WORSTED COMPANY, Westford, Mass.
Filed July 1, 1947. Serial No. 525,276. PUBLISHED NOVEMBER 18, 1947. Class 43.

437,300. STAMPING AND PRINTING INKS AND INK SOLVENTS. KAUMAGRAPH COMPANY, Wilmington, Del.
Filed July 1, 1947. Serial No. 525,336. PUBLISHED DECEMBER 16, 1947. Class 11.

437,301. PLUG CUT TOBACCO. P. LORILLARD COMPANY, New York, N. Y.
Filed July 1, 1947. Serial No. 525,352. PUBLISHED DECEMBER 9, 1947. Class 17.

437,302. CIGARETTES. P. LORILLARD COMPANY, New York, N. Y.
Filed July 1, 1947. Serial No. 525,491. PUBLISHED DECEMBER 16, 1947. Class 17.

437,303. PADDED BABY BLANKET RETAINER. JAMES E. SPITTLER, Missoula, Mont.
Filed July 1, 1947. Serial No. 525,509. PUBLISHED NOVEMBER 18, 1947. Class 40.

437,304. ARTIFICIAL EYES. AMERICAN OPTICAL COMPANY, Southbridge, Mass.
Filed July 2, 1947. Serial No. 525,524. PUBLISHED DECEMBER 16, 1947. Class 44.

437,305. CIGARS. P. LORILLARD COMPANY, New York, N. Y.
Filed July 2, 1947. Serial No. 525,620. PUBLISHED DECEMBER 16, 1947. Class 17.

437,306. BOBBY PINS. RALPH WADERS, Astoria, Long Island, N. Y.
Filed July 2, 1947. Serial No. 525,720. PUBLISHED NOVEMBER 18, 1947. Class 40.

437,307. HAIR BRUSHES. STANLEY HOME PRODUCTS, INC., Westfield, Mass.
Filed July 3, 1947. Serial No. 525,972. PUBLISHED NOVEMBER 25, 1947. Class 29.

ACT OF 1920

These registrations are not subject to opposition.

437,308. (CLASS 39. CLOTHING.) JOHNSON PRODUCTS, INC., Indianapolis, Ind. Filed Nov. 1, 1944. Serial No. 475,996.



LE FITTERS

The lining in a circular formation about the illustration of the insole and foot indicates shading only.
FOR LEATHER SHOES, AND FOR INSOLES FOR SHOES.
Claims use since May 19, 1941.

437,309. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MALLORY H. TAYLOR, Chattanooga, Tenn. Filed June 19, 1945. Serial No. 484,759.

WATER GROUND

FOR COFFEE.
Claims use since Apr. 15, 1944.

437,310. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) CARBONELL Y COMPAÑIA DE CÓRDOBA S. A., Cordoba, Spain. Filed Sept. 13, 1945. Serial No. 488,392.



FOR BRANDY.
Claims use since November 1939.

437,311. (CLASS 20. LINOLEUM AND OILED CLOTH.) GOLDINO BROS. COMPANY, INC., New York, N. Y. Filed Dec. 11, 1945. Serial No. 493,061.

G·B·PLASTRON

FOR OILCLOTH.
Claims use since September 1944.

437,312. (CLASS 38. PRINTS AND PUBLICATIONS.) METAL INDUSTRY PUBLISHING CO., INC., New York, N. Y. Filed Jan. 25, 1946. Serial No. 495,396.

ORGANIC FINISHING

FOR MONTHLY PUBLICATION.
Claims use since Oct. 1, 1939.

437,313. (CLASS 38. PRINTS AND PUBLICATIONS.) PUBLIC SAFETY PUBLISHING CO., INC., New York, N. Y. Filed Feb. 12, 1946. Serial No. 496,468.

MUNICIPAL SIGNAL ENGINEER

FOR BI-MONTHLY PUBLICATION PUBLISHED EVERY OTHER MONTH.
Claims use since February 1936.

437,314. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) SAFETY ELECTRIC COMPANY, Chicago, Ill. Filed July 8, 1946. Serial No. 505,243.



FOR THERAPEUTIC LAMPS.
Claims use since Dec. 4, 1945.

437,315. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) LOUIS LEFKOWITZ & BRO., INC., New Brunswick, N. J. Filed July 30, 1946. Serial No. 506,535.

BABYGUARD

FOR LEATHER SAFETY STRAPS FOR BABIES.
Claims use since July 22, 1926.

437,316. (CLASS 21. ELECTRICAL APPARATUS, MACHINES AND SUPPLIES.) THE KETT TOOL COMPANY, Cincinnati, Ohio. Filed Aug. 12, 1946. Serial No. 507,258.

KETT

FOR ELECTRICALLY OPERATED TOOLS—NAMELY, PORTABLE HAND SAWS, PORTABLE HAND DRILLS AND CHUCKS FOR PORTABLE HAND DRILLS.
Claims use since Dec. 5, 1940.

437,317. (CLASS 38. PRINTS AND PUBLICATIONS.) GRAYCE K. CHRISTENSEN, New York, N. Y. Filed Mar. 12, 1947. Serial No. 518,874.

gail paige

FOR HAND ILLUSTRATIONS OF PORTRAITS AND REPRODUCTIONS OF PAINTINGS AT ALL MEDIUMS, SUCH AS INK, OILS, WATER COLORS AND PASTELS.
Claims use since May 1944.

ACT OF 1946, SUPPLEMENTAL REGISTER

These registrations are not subject to opposition.

500,006. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) F. L. JACOBS CO., Detroit, Mich. Filed Oct. 9, 1947. Serial No. 514,957.

Launderall

FOR CLOTHES WASHING MACHINES.
Claims use since Apr. 13, 1946.

500,007. (CLASS 39. CLOTHING.) GEISHA ROBE CO., New York, N. Y. Filed Sept. 19, 1947. Serial No. 535,024.

STUDY COAT

FOR LADIES', MISSES', AND GIRLS' HOUSE COATS AND LOUNGING ROBES.
Claims use since May 6, 1946.

500,008. (CLASS 39. CLOTHING.) DUCHESS ROYAL, INC., New York, N. Y. Filed Sept. 30, 1947. Serial No. 536,244.

KOOL-KORDS

FOR LADIES' SUITS, DRESSES, RAINCOATS, BLOUSES, JACKETS AND SKIRTS.
Claims use since June 15, 1946.

TRADE-MARK REGISTRATIONS RENEWED

30,502. MO-KO. Registered Aug. 17, 1897. John F. Bauer & Co., Mount Morris, N. Y. Re-renewed Aug. 17, 1947, to The John F. Bauer Company, Elmira, N. Y., a corporation of New York. SUBSTITUTES FOR COFFEE. Class 46.

31,548. THE MARVEX. Registered May 17, 1898. Benjamin Altman. Re-renewed May 17, 1948, to B. Altman & Co., New York, N. Y., a corporation of New York. GLOVES. Class 39.

65,969. CARTER'S. Registered Nov. 5, 1907. The William Carter Co., Highlandville, Mass. Re-renewed Nov. 5, 1947, to The William Carter Company, Needham Heights, Mass., a corporation of Massachusetts. KNITTED UNION SUITS, CORSET COVERS, VESTS, DRAWERS, ABDOMINAL BANDS, SHIRT BANDS. Class 39.

66,204. "SUMMIT" AND DESIGN. Registered Nov. 12, 1907. Summit Foundry Co. Re-renewed Nov. 12, 1947, to Andes Range and Furnace Corporation, Geneva, N. Y., a corporation of New York. STOVES, RANGES AND FURNACES AND PARTS THEREOF. Class 34.

66,214. THE MILLIONAIRE. Registered Nov. 19, 1907. Hans Walter Egli. Re-renewed Nov. 19, 1947, to H. W. Egli S. A., Zurich, Switzerland, a corporation organized under the laws of Switzerland. CALCULATING-MACHINES. Class 26.

66,434. REPRESENTATION OF A HAMMER. Registered Nov. 26, 1907. A. G. Spalding & Bros., Jersey City, N. J., and New York, N. Y. Re-renewed Nov. 26, 1947, to A. G. Spalding & Bros. Inc., Chicopee, Mass., a corporation of Delaware. GOLF-CLUB IRONS. Class 22.

66,549. LOCKLAND. Registered Dec. 10, 1907. Graham Paper Company, St. Louis, Mo., a corporation of Missouri. Re-renewed Dec. 10, 1947. PRINTING AND WRITING PAPER COMMONLY EMPLOYED FOR PRINTING AND WRITING PURPOSES. Class 37.

66,500. ALASKA. Registered Dec. 10, 1907. Graham Paper Company, St. Louis, Mo., a corporation of Missouri. Re-renewed Dec. 10, 1947. PRINTING AND WRITING PAPER COMMONLY EMPLOYED FOR PRINTING AND WRITING PURPOSES. Class 37.

66,551. REQUISITION BOND. Registered Dec. 10, 1907. Graham Paper Company, St. Louis, Mo., a corporation of Missouri. Re-renewed Dec. 10, 1947. PRINTING AND WRITING PAPER COMMONLY EMPLOYED FOR PRINTING AND WRITING PURPOSES. Class 37.

66,552. TYRONE LINEN. Registered Dec. 10, 1907. Graham Paper Company, St. Louis, Mo., a corporation of Missouri. Re-renewed Dec. 10, 1947. PRINTING AND WRITING PAPER COMMONLY EMPLOYED FOR PRINTING AND WRITING PURPOSES. Class 37.

66,553. OLYMPIA BOND. Registered Dec. 10, 1907. Graham Paper Company, St. Louis, Mo., a corporation of Missouri. Re-renewed Dec. 10, 1947. PRINTING AND WRITING PAPER COMMONLY EMPLOYED FOR PRINTING AND WRITING PURPOSES. Class 37.

66,554. KENILWORTH. Registered Dec. 10, 1907. Graham Paper Company, St. Louis, Mo., a corporation of Missouri. Re-renewed Dec. 10, 1947. PRINTING AND WRITING PAPER COMMONLY EMPLOYED FOR PRINTING AND WRITING PURPOSES. Class 37.

66,555. ARCADIA BOND. Registered Dec. 10, 1907. Graham Paper Company, St. Louis, Mo., a corporation of Missouri. Re-renewed Dec. 10, 1947. PRINTING AND WRITING PAPER COMMONLY EMPLOYED FOR PRINTING AND WRITING PURPOSES. Class 37.

66,590. "ORIOLE LINEN" AND DRAWING. Registered Dec. 17, 1907. Graham Paper Company, St. Louis, Mo., a corporation of Missouri. Re-renewed Dec. 17, 1947. PRINTING AND WRITING PAPER COMMONLY EMPLOYED FOR PRINTING AND WRITING PURPOSES. Class 37.

66,591. DALTON LINEN LEDGER. Registered Dec. 17, 1907. Graham Paper Company, St. Louis, Mo., a corporation of Missouri. Re-renewed Dec. 17, 1947. PRINTING AND WRITING PAPER COMMONLY EMPLOYED IN MANUFACTURING BLANK BOOKS. Class 37.

66,592. "WATERLEAF GPC" AND DESIGN. Registered Dec. 17, 1907. Graham Paper Company, St. Louis, Mo., a corporation of Missouri. Re-renewed Dec. 17, 1947. PRINTING AND WRITING PAPER COMMONLY EMPLOYED FOR PRINTING AND WRITING PURPOSES. Class 37.

66,614. CROCKER'S BEST. Registered Dec. 17, 1907. Washburn Crosby Company. Re-renewed Dec. 17, 1947, to General Mills, Inc., Minneapolis, Minn., a corporation of Delaware. WHEAT-FLOUR. Class 46.

66,799. "ROBERT BURNS" ETC. AND DRAWING. Registered Dec. 31, 1907. Kerr Brothers, Toronto, Ontario, Canada. Re-renewed Dec. 31, 1947, to Kerr's Butter Scotch, Inc., Jamesburg, N. J., a corporation of New York. BUTTER SCOTCH. Class 46.

66,994. TUGITE. Registered Jan. 7, 1908. William Rennie Thomlinson, Partick, Scotland. Re-renewed Jan. 7, 1948, to William Thomlinson Limited, Glasgow, Scotland, a corporation organized under the laws of Great Britain. FOOT-BALL LEATHER, FOOT-BALL BOOT LEATHER, PICKING-BAND LEATHER. Class 1.

67,377. "INDUSTRIAL BOND" AND DESIGN. Registered Jan. 28, 1908. Graham Paper Company, St. Louis, Mo., a corporation of Missouri. Re-renewed Jan. 28, 1948. PRINTING AND WRITING PAPER COMMONLY EMPLOYED FOR PRINTING AND WRITING PURPOSES. Class 37.

67,378. CARAVAN BOND. Registered Jan. 28, 1908. Graham Paper Company, St. Louis, Mo., a corporation of Missouri. Re-renewed Jan. 28, 1948. PRINTING AND WRITING PAPER COMMONLY EMPLOYED FOR PRINTING AND WRITING PURPOSES. Class 37.

67,416. DANDERINE. Registered Feb. 4, 1908. The Knowlton Danderine Co., Chicago, Ill. Re-renewed Feb. 4, 1948, to Sterling Drug Inc., Wilmington, Del., a corporation of Delaware. LIQUID PREPARATION FOR USE AS A SCALP-TONIC. Class 6.

68,010. DIAMOND EDGE. Registered Mar. 3, 1908. Norvell-Shapleigh Hardware Company. Re-renewed Mar. 3, 1948, to Shapleigh Hardware Company, St. Louis, Mo., a corporation of Missouri. AUGERS, AUGER-BITS, REAMERS, GIMLETS, BORING-COUNTERSINKS, CUTTING-PLIERS AND OTHER NAMED CUTLERY, MACHINERY, AND TOOLS AND PARTS THEREOF. Class 23.

68,318. REPRESENTATION OF AN EAGLE PERCHED ON A CROWN. Registered Mar. 24, 1908. Schweizerische Seidengazefabrik A. G., Zurich, Switzerland, a corporation organized under the laws of Switzerland. Re-renewed Mar. 24, 1948. SILK BOLTING-CLOTH. Class 42.

68,358. "GEBHARDT'S EAGLE CHILI POWDER" ETC. AND DESIGN. Registered Mar. 31, 1908. Gebhardt Chili Powder Co., San Antonio, Tex., a corporation of Texas. Re-renewed Mar. 31, 1948. CHILI SPICE PREPARATION. Class 46.

68,708. OCTAGON. Registered Apr. 28, 1908. Colgate & Co., New York, N. Y. Re-renewed Apr. 28, 1948, to Colgate-Palmolive-Peet Company, Jersey City, N. J., a corporation of Delaware. SOAP POWDERS. Class 4.

68,709. THREE PARALLEL LINES. Registered Apr. 28, 1908. Colgate & Co., New York, N. Y. Re-renewed Apr. 28, 1948, to Colgate-Palmolive-Peet Company, Jersey City, N. J., a corporation of Delaware. SOAP AND SOAP POWDERS. Class 4.

68,996. REPRESENTATION OF A STAR WITH A CROSS SUPERIMPOSED THEREON. Registered May 12, 1908. J. Faessler Manufacturing Co. Re-renewed May 12, 1948, to The J. Faessler Mfg. Co., Moberly, Mo., a firm. TOOLS USED IN EXPANDING AND CUTTING BOILER TUBES AND FLUES. Class 23.

196,285. "NICKPAN" AND DRAWING. Registered Mar. 17, 1925. Patricia Mills, Inc. Renewed Mar. 17, 1945, to Neisler Mills, Inc., Kings Mountain, N. C., a corporation of North Carolina. TABLE NAPKINS. Class 42.

203,023. JOUJOU. Registered Sept. 8, 1925. Zoe Morgan Richards, London, England. Renewed Sept. 8, 1945 (as provided by P. L. 517, July 17, 1946). WOMEN'S BUST SUPPORTERS, WOMEN'S AND CHILDREN'S KNITTED OR TEXTILE UNDERWEAR, WOMEN'S AND CHILDREN'S GARTERS AND HATS. Class 39.

211,034. BON TON. Registered Mar. 30, 1926. Garcia & Maggini Co. Renewed Mar. 30, 1946, to Albert Asher, doing business as Albert Asher Co., San Francisco, Calif. GREEN AND DRIED FRUITS, FRESH VEGETABLES, ORANGES IN THEIR NATURAL STATE, FRESH BERRIES, FRESH GRAPES, DRY RAISINS, FRESH GRAPEFRUIT, FRESH CANTALOUPES, DRIED VEGETABLES, CANNED FRUITS, AND CANNED FISH. Class 46.

223,001. GROCE BRAND. Registered Jan. 11, 1927. The New Zanesville Provision Co. Renewed Jan. 11, 1947, to Zanesville Provision Company, Zanesville, Ohio, a corporation of Ohio. MEATS—NAMELY, BACON, CALLAS, PICNICS, SUGAR-CURED HAMS, AND BOILED AND BAKED HAMS. Class 46.

225,855. "LOVALON" AND DRAWING. Registered Mar. 29, 1927. Maude Agnes Mingus, doing business as Lavalon Laboratories. Renewed Mar. 29, 1947, to Lovalon Laboratories, San Francisco, Calif., a firm. HAIR RINSES. Class 6.

227,186. PRIDE OF THE WEST. Registered May 3, 1927. Charles Krause, doing business as Montana Cereal Co. Renewed May 3, 1947, to Montana Cereal Company, Billings, Mont., a corporation of Montana. WHEAT BREAKFAST CEREALS. Class 46.

230,212. EUBÖOLITH. Registered July 19, 1927. Euböolithwerke A.-G. in Olten, Olten, Switzerland. Renewed July 19, 1947, to Euböolithwerke A. G. in Olten, Canton of Solothurn, Switzerland, a corporation organized under the laws of Switzerland. JOINTLESS FLOORS, WAINSCOTING PANELS, CEILINGS, AND ROOFING COVERS MADE OF SAWDUST, MAGNESITE, AND CHLORIDE OF MAGNESIUM. Class 12.

231,163. "B B BROS" ETC. Registered Aug. 16, 1927. Beebe Bros., Seattle, Wash., a firm. Renewed Aug. 16, 1947. HAND HOISTS. Class 23.

231,214. "DURADEX" AND OVAL BACKGROUND DESIGN. Registered Aug. 16, 1927. The Duradex Company. Renewed Aug. 16, 1947, to Duradex Incorporated, New York, N. Y., a corporation of New York. CARD INDEXES, GUIDE CARDS FOR CARD INDEXES, CARDS, AND INDEXES. Class 37.

232,936. THE TRIAD OF ACACIA. Registered Sept. 20, 1927. Acacia Fraternity, Worcester, Mass., and Ann Arbor, Mich. Renewed Sept. 20, 1947, to Acacia Fraternity, Chicago, Ill., a corporation of Michigan. PERIODICAL PUBLICATION. Class 38.

234,533. 314. Registered Nov. 1, 1927. Chas. Hollenbach. Renewed Nov. 1, 1947, to Chas. Hollenbach Inc., Chicago, Ill., a corporation of Illinois. MEAT ROLL. Class 46.

234,574. RINOLEINA. Registered Nov. 1, 1927. Società Esercizio Farmacie e Specialità Medicinali di E. Granelli & C., Turin, Italy. Renewed Nov. 1, 1947, to Bernocco & Borgogno di E. Granelli, Milan, Italy, a corporation organized under the laws of Italy. OINTMENT USED AS A SPECIFIC FOR COLDS, ACUTE AND CHRONIC RHINITIS, AND FOR OTHER NAMED MEDICINAL PURPOSES. Class 6.

234,745. "SUPER A" ETC. AND DESIGN. Registered Nov. 1, 1927. The Aufdemkampe Hardware Co., Cincinnati, Ohio, a corporation of Ohio. Renewed Nov. 1, 1947. ENAMEL PAINT, READY-MIXED PAINTS, AND VARNISHES. Class 16.

234,826. PYROHORN. Registered Nov. 8, 1927. Landers, Frary & Clark, New Britain, Conn., a corporation of Connecticut. Renewed Nov. 8, 1947. MEAT CARVERS, BEEF CARVERS, AND BREAKFAST CARVERS. Class 23.

234,877. "TAYLOR-MADE HEALTH FLOUR" AND DESIGN LINED TO INDICATE ORANGE COLOR. Registered Nov. 8, 1927. Charles Elmer Taylor, El Dorado, Ark. Renewed Nov. 8, 1947, to Charles Elmer Taylor, Eugene, Oreg. PREPARED FLOUR. Class 46.

234,906. MULTI. Registered Nov. 8, 1927. Sigmund Ullman Company. Renewed Nov. 8, 1947, to Sun Chemical Corporation, New York, N. Y., a corporation of Delaware. PRINTING INK. Class 11.

234,957. AJAX. Registered Nov. 8, 1927. Sexton Can Company Incorporated, Everett and Boston, Mass., a corporation of Massachusetts. Renewed Nov. 8, 1947. ASH CANS, GARBAGE RECEIVERS, AND STORAGE TANKS FOR OILS, GASOLINE, AND OTHER LIQUIDS. Class 2.

235,089. "CAMEO" AND REPRESENTATION OF A CAMEO. Registered Nov. 8, 1927. The Frampton Company, Newark, N. J., and New York, N. Y. Renewed Nov. 8, 1947, to Royal Society, Inc., New York, N. Y., a corporation of New Jersey. MATERIAL OR FABRIC STAMPED FOR ART EMBROIDERY. Class 40.

235,366. TEMP-TEE. Registered Nov. 15, 1927. Breakstone Bros. Inc. Renewed Nov. 15, 1947, to Breakstone Bros., Inc., New York, N. Y., a corporation of Delaware. CHEESE, BUTTER, EGGS, LARD, MILK IN LIQUID AND POWDERED FORM, AND OTHER NAMED FOODS AND INGREDIENTS OF FOODS. Class 46.

235,576. ROLLIC. Registered Nov. 22, 1927. Sears, Roebuck and Co., Chicago, Ill. Renewed Nov. 22, 1947, to Rollic, Inc., Patchogue, N. Y., a corporation of New York. CHILDREN'S WEARING APPAREL—NAMELY, PLAY SUITS, PAJAMAS. Class 39.

236,091. LOOY DOT DOPE. Registered Dec. 6, 1927. Press Publishing Company. Renewed Dec. 6, 1947, to United Feature Syndicate, Inc., New York, N. Y., a corporation of New York. TITLE FOR A COMIC STRIP PUBLISHED DAILY EXCEPT SUNDAY IN THE EVENING WORLD NEWSPAPER. Class 38.

236,125. FIVE PARALLEL STRIPES. Registered Dec. 6, 1927. Fairclough & Gold, Inc., Boston, Mass., a corporation of Massachusetts. Renewed Dec. 6, 1947. MARQUISETTE FOR CURTAINS, CASEMENT CLOTH FOR DRAPERIES, AND GAUZE FOR CURTAINS. Class 42.

236,544. FOOT CHARMS. Registered Dec. 13, 1927. Brown Shoe Company, Inc., St. Louis, Mo. Renewed Dec. 13, 1947, to J. C. Penney Company, New York, N. Y., a corporation of Delaware. SHOES MADE OF LEATHER, CLOTH, CANVAS, OR COMBINATIONS THEREOF. Class 39.

236,685. MISS CALIFORNIA. Registered Dec. 20, 1927. Pacific Coast Canners, Inc. Renewed Dec. 20, 1947, to Fruitvale Canning Company, Oakland, Calif., a corporation of California. CANNED FRUITS. Class 46.

237,488. CRUSCA. Registered Jan. 10, 1928. Crucible Steel Company of America, New York, N. Y., a corporation of New Jersey. Renewed Jan. 10, 1948. STEEL BARS, RODS, BILLETS, BLOOMS, SHEETS, PLATES, SLABS, STRIPS, BLOCKS, AND FORGINGS. Class 14.

237,531. "TIME O'DAY" AND REPRESENTATION OF A CLOCK. Registered Jan. 10, 1928. Jordan Stevens Company, Minneapolis, Minn., a corporation of Delaware. Renewed Jan. 10, 1948. MACARONI, SPAGHETTI, AND EGG NOODLES. Class 46.

237,827. SERVE-WELL. Registered Jan. 17, 1928. Elliott Knitting Mills, Inc., Hickory, N. C., a corporation of North Carolina. Renewed Jan. 17, 1948. HOSIERY. Class 39.

238,336. MATINTO. Registered Feb. 7, 1928. Red Hand Compositions Company, Inc., New York, N. Y., a corporation of New York. Renewed Feb. 7, 1948. READY-MIXED PAINT. Class 16.

238,418. "MINERALLAC" AND DESIGN. Registered Feb. 7, 1928. Minerallac Electric Company, Chicago, Ill., a corporation of Illinois. Renewed Feb. 7, 1948. INSULATING COMPOUND ADAPTED TO BE HEATED AND POURED TO POSITION, CABLE AND CONDUIT HANGERS, CONDUIT AND CABLE SUPPORTING CLIPS, AND ELECTRICAL TIME SWITCHES. Class 21.

238,887. "MELLBOURNE WORSTED" AND REPRESENTATION OF CROWN, SELVAGE AND RECTANGULAR DESIGN. Registered Feb. 14, 1928. Robert Karmelenski, doing business as Western Woolen Co., San Francisco, Calif. Renewed Feb. 14, 1948. WOOLENS HAVING SELVAGE IN THREE COLORS—TO WIT, RED, GREEN, AND RED. Class 42.

238,895. PRESERVALINE. Registered Feb. 14, 1928. The Preservaline Manufacturing Company, Brooklyn, N. Y., a corporation of New York. Renewed Feb. 14, 1948. ICE-CREAM GELATINOUS POWDERS, SPICES, AND CEREAL AND GELATINOUS THICKENERS, BINDERS, FILLERS, AND ABSORBENTS FOR FOOD PURPOSES. Class 46.

239,030. "LUCKY STRIKE" AND DESIGN. Registered Feb. 21, 1928. Henry B. Egan, doing business as Lucky Strike Patch Company. Renewed Feb. 21, 1948, to H. B. Egan Manufacturing Company, Muskogee, Okla., a partnership. TIRE-TUBE PATCHES. Class 35.

239,513. MAGNARULE. Registered Mar. 6, 1928. Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York. Renewed Mar. 6, 1948. MEASURING RULES. Class 26.

239,725. "CRYSTAL BLANCO" ETC. AND DESIGN. Registered Mar. 13, 1928. The Palmolive-Peet Company, Chicago, Ill. Renewed Mar. 13, 1948, to Colgate-Palmolive-Peet Company, Jersey City, N. J., a corporation of Delaware. SOAP. Class 4.

239,767. YUKON CLUB. Registered Mar. 13, 1928. Yukon Club Company, East Orange, N. J. Renewed Mar. 13, 1948, to The Great Atlantic and Pacific Tea Company, New York, N. Y., a corporation of New Jersey. GINGER ALE. Class 45.

239,840. MILLERTAIRE. Registered Mar. 13, 1928. I. Miller & Sons, Inc., Long Island City, N. Y., a corporation of New York. Renewed Mar. 13, 1948. TRAVELING BAGS, HAND BAGS, TRUNKS, POCKETBOOKS, SUITCASES, BILL FOLDS, PORTFOLIOS, AND TRAVELING KITS FOR HOLDING TOILET ARTICLES. Class 3.

240,024. MILLERTAIRE. Registered Mar. 20, 1928. I. Miller & Sons, Inc., Long Island City, N. Y., a corporation of New York. Renewed Mar. 20, 1948. ORNAMENTAL BUCKLES MADE OF OR PLATED WITH PRECIOUS METAL. Class 28.

240,039. DELTA. Registered Mar. 20, 1928. The Cuban-American Syrup Company, Little Rock, Ark. Renewed Mar. 20, 1948, to Anheuser-Busch, Inc., St. Louis, Mo., a corporation of Missouri. TABLE SYRUP. Class 46.

240,055. "SEAL-TEX" AND RECTANGULAR BACKGROUND. Registered Mar. 20, 1928. Canvas Proofing & Striping Company. Renewed Mar. 20, 1948, to Canvas Proofing Company, Chicago, Ill., a corporation of Illinois. WATERPROOFING LIQUID FOR TEXTILES. Class 6.

240,109. "CELANESE". Registered Mar. 20, 1928. Celanese Corporation of America, New York, N. Y., a corporation of Delaware. Renewed Mar. 20, 1948. DRY, AND READY-MIXED PAINTS, AEROPLANE AND AIRCRAFT DOPES, VARNISHES, LACQUERS, STAINS, AND OTHER NAMED PAINTS AND PAINTERS' MATERIALS. Class 16.

240,479. "THE LAKELAND" AND DRAWING. Registered Mar. 27, 1928. H. J. Holman & Sons Inc. Renewed Mar. 27, 1948, to Lakeland Mfg. Co., Sheboygan, Wis., a corporation of Wisconsin. MEN'S AND BOYS' COTTON, SILK, WOOL, AND FLANNEL NEGLIGEE, WORK AND DRESS SHIRTS; AND OTHER NAMED ARTICLES OF CLOTHING. Class 39.

240,588. SANTA ROSA. Registered Apr. 3, 1928. Oxnard Citrus Association, Hueneme and Camarillo, Calif. Renewed Apr. 3, 1948, to Oxnard Citrus Association, Hueneme, Calif., a corporation of California. FRESH CITRUS FRUITS—NAMELY, ORANGES AND LEMONS. Class 46.

240,598. "THE LITTLE MONEY DRESS SHOP" AND DESIGN. Registered Apr. 3, 1928. Oppenheim, Collins & Co., Inc., New York, N. Y., and Cleveland, Ohio. Renewed Apr. 3, 1948, to Oppenheim, Collins & Co. Inc., New York, N. Y., a corporation of Delaware. LADIES' AND MISSES' DRESSES. Class 39.

240,681. "CELANESE". Registered Apr. 3, 1928. Celanese Corporation of America, New York, N. Y., a corporation of Delaware. Renewed Apr. 3, 1948. COMPOSITIONS IN RAW OR PARTLY-PREPARED CONDITION, EITHER SOLID OR LIQUID, IN THE FORM OF OR FOR USE IN MAKING MOLDINGS, SHEETS, BANDS, FILMS, RODS, TUBES, ETC. Class 1.

240,686. M. B. Registered Apr. 3, 1928. Mueller Brass Co., Port Huron, Mich., a corporation of Michigan. Renewed Apr. 3, 1948. NONFERROUS-METAL PIPE, PIPE FITTINGS, BOLTS, NUTS, SCREWS, NOZZLES, BALL SEATS, GLANDS, WASHERS, PINS, RIVETS, RINGS, STUDS, JETS, SPINDLES, COLLARS, VALVES, AND VALVE PARTS. Class 13.

240,892. H R H. Registered Apr. 10, 1928. The Absorene Manufacturing Company, St. Louis, Mo., a corporation of Missouri. Renewed Apr. 10, 1948. CLEANER FOR ALUMINUM, SILVERWARE, WINDOWS, GLASSWARE, SINKS, PAINT, WOODWORK, MARBLE, TILING, AND FLOORS. Class 4.

240,941. DANIEL BOONE ROCK. Registered Apr. 10, 1928. The Orange Crush Bottling Co. Renewed Apr. 10, 1948, to Boone Rock Bottling Company, Spencer, N. C., a corporation of North Carolina. CARBONATED, NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS—VIZ., GINGER ALE. Class 45.

240,956. "TAYLOR'S RED COON" AND REPRESENTATION OF A COON. Registered Apr. 10, 1928. Taylor Brothers, Incorporated, Winston-Salem, N. C., a corporation of North Carolina. Renewed Apr. 10, 1948. PLUG, TWIST, AND SMOKING TOBACCO. Class 17.

240,969. TREET. Registered Apr. 10, 1928. Treet Safety Razor Corporation, Newark, N. J. Renewed Apr. 10, 1948, to Treet Safety Razor Corporation, Brooklyn, N. Y., a corporation of New Jersey. SAFETY RAZORS AND SAFETY-RAZOR BLADES. Class 23.

241,046. "WAVERLY 'ALL PENNSYLVANIA'" AND RECTANGULAR DESIGN. Registered Apr. 17, 1928. Waverly Oil Works Company, Pittsburgh, Pa. Renewed Apr. 17, 1948, to Waverly Petroleum Products Company, also known as Waverly Petroleum Products Co., Philadelphia, Pa., a corporation of Pennsylvania. LUBRICATING OILS, LUBRICATING GREASES, AND GASOLINE. Class 15.

241,061. BLACK JOHN. Registered Apr. 17, 1928. Brown & Williamson Tobacco Corporation, Winston-Salem, N. C. Renewed Apr. 17, 1948, to Brown & Williamson Tobacco Corporation, Louisville, Ky., a corporation of Delaware. SMOKING AND CHEWING TOBACCO. Class 17.

241,062. "RED MOON" AND REPRESENTATION OF A MOON. Registered Apr. 17, 1928. Brown & Williamson Tobacco Corporation, Winston-Salem, N. C. Renewed Apr. 17, 1948, to Brown & Williamson Tobacco Corporation, Louisville, Ky., a corporation of Delaware. SMOKING AND CHEWING TOBACCO. Class 17.

241,087. VERAZEPTOL. Registered Apr. 17, 1928. Newman Pharmacal Company, Louisville, Ky., a firm. Renewed Apr. 17, 1948. ANTISEPTIC AND DEODORANT POWDER. Class 6.

241,140. MIFFLENE. Registered Apr. 17, 1928. Mifflin Chemical Corporation. Renewed Apr. 17, 1948, to Mifflin Chemical Company, Philadelphia, Pa., a corporation of Pennsylvania. ANTISEPTIC SOLUTION. Class 6.

241,170. "TUF-STUF" AND OVAL DESIGN. Registered Apr. 17, 1928. Mueller Brass Co., Port Huron, Mich., a corporation of Michigan. Renewed Apr. 17, 1948. NONFERROUS-METAL PIPE, PIPE FITTINGS, BOLTS, NUTS, SCREWS, NOZZLES, BALL SEATS, GLANDS, WASHERS, PINS, RIVETS, RINGS, STUDS, JETS, SPINDLES, COLLARS, VALVES, AND VALVE PARTS. Class 13.

241,186. "SPACKLE" AND RECTANGULAR BACKGROUND. Registered Apr. 17, 1928. The Muralo Company, Inc., New Brighton, N. Y., a corporation of New York. Renewed Apr. 17, 1948. SURFACING COMPOUND FOR FILLING IMPERFECTIONS SO AS TO BRING UP TO A SMOOTH AND LEVEL SURFACE AREAS THAT ARE TO BE PAINTED OR DECORATED. Class 16.

241,201. "H" AND REPRESENTATION OF SHIELD. Registered Apr. 17, 1928. Robert W. Hunt Co., Chicago, Ill., a corporation of Delaware. Renewed Apr. 17, 1948. RAIL ANCHORS, REINFORCEMENT BARS, CROSSINGS, FROGS, RAIL JOINTS, TIE PLATES, AND OTHER NAMED METALS AND METAL CASTINGS AND FORGINGS. Class 14.

241,289. FOUNTAIN. Registered Apr. 24, 1928. Teague-McKevett Company. Renewed Apr. 24, 1948, to Teague-McKevett Association, Santa Paula, Calif., a corporation of California. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, GRAPEFRUIT. Class 46.

241,344. PLAYSKOOL. Registered Apr. 24, 1928. John Schroeder Lumber Co., Milwaukee, Wis. Renewed Apr. 24, 1948, to Playskool Manufacturing Company, Chicago, Ill., a corporation of Illinois. FOLDING DESK TABLES. Class 32.

241,356. HY-POWER. Registered Apr. 24, 1928. Western Chemical Company, St. Joseph, Mo., a co-partnership. Renewed Apr. 24, 1948. DEODORANTS. Class 6.

241,595. BYASWOVEN. Registered May 1, 1928. McLaurin-Jones Co., Brookfield, Mass., a corporation of Massachusetts. Renewed May 1, 1948. GUMMED BOX STAYS AND SEALING STRIPS. Class 37.

241,944. "PARKE'S UNMATCHABLE" AND DESIGN. Registered May 8, 1928. L. H. Parke Company, Philadelphia, Pa., a corporation of Pennsylvania. Renewed May 8, 1948. COFFEE, SAVORY, COCOA, CORNSTARCH, GELATINE, RICE, OLIVE OIL; CANNED GOODS—NAMELY, CUT BEETS, WHOLE BEETS, APPLE BUTTER, PACK APPLES, APPLE SAUCE, APRICOTS, AND OTHER NAMED FOOD ITEMS. Class 46.

242,654. PO LO. Registered May 29, 1928. Maury-Cole Company. Renewed May 29, 1948, to Canova Foods, Incorporated, Memphis, Tenn., a corporation of Tennessee. PEANUT BUTTER, PREPARED MUSTARD AND MUSTARD BRAN, AND PEPPER SAUCE. Class 46.

242,767. MERMAID. Registered June 5, 1928. Wolverine Brass Works, Grand Rapids, Mich., a corporation of Michigan. Renewed June 5, 1948. RUBBER TANK VALVE BALLS. Class 13.

252,362. "ISH" AND REPRESENTATION OF A HORSE. Registered Feb. 5, 1929. Jack Mintz, New York, N. Y. Renewed Feb. 5, 1949. HORSE-RADISH. Class 46.

TRADE-MARK REGISTRATIONS AMENDED, SURRENDERED, DISCLAIMED, CORRECTED, ETC.

64,014. DANCING GIRL BRAND. Registered July 16, 1907. James R. Crompton & Brothers, Limited., Eton Paper Mills, near Bury, England. WHITE TISSUE-PAPER, COLORED TISSUE-PAPER AND OTHER NAMED PAPER ITEMS. Class 37. Corrected as follows: In the renewal certificate, line 5, for "October 8, 1907" read *July 16, 1907*; line 10, for "October 8, 1947" read *July 16, 1947*.

236,196. MOTOLUXE AND TRIANGLE. Registered Dec. 6, 1927. Lee Brothers (Overwear) Ltd., London, England. MOTOR ROBES (TEXTILE LAP ROBES). Class 42. Corrected as follows: In the statement, lines 1 to 7, for "a firm domiciled in London, England, doing business at 39 East Castle Street, London, England, and composed of the following members, Reginald Alfred Lee, Maurice Wray, A. W. Large, D. A. Preston and E. W. H. Smith, all citizens of London, Eng., have" read *a corporation organized under the laws of Great Britain and Northern Ireland, has.*

283,328. TRADE-MARK LABEL DESIGN. Registered May 26, 1931. Bright Biscuit Co., Kansas City, Mo. CRACKERS AND CAKES. Class 46. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in the statement, line 1; and in the printed signature to the statement, for "Bright Biscuit Co." read *Bright Biscuit Company*; and in the certificate, line 4, and in the statement, line 3, for "State of Wisconsin" read *State of Missouri*.

404,369. PAL-O-PAK. Registered Nov. 23, 1943. Pal-O-Pak Insulation Co., Hartland, Wis. HEAT INSULATION IN THE FORM OF LOOSE FLUFFY COMMINUTED FIBROUS CELLULOSE. Class 12. Corrected as follows: In the certificate, lines 2 and 16; in the heading to the statement; in the statement, column 1, line 1; and in the printed signature to the statement, for "Pal-O-Pak Insulation Co." read *Pal-O-Pak Insulation Company, Inc.*

TRADE-MARK REGISTRATIONS REPUBLISHED

The following marks registered under the act of 1905, or the act of 1881, are published under the provisions of section 12(c) of the Trade-Mark Act of 1946. These registrations are not subject to opposition but are subject to cancellation under section 14 of the act of 1946.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Reg. No. 284,354. Registered June 23, 1931. KELLOGG SEED COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

BLUE MOUND

FOR LAWN GRASS SEED.
Claims use since Mar. 1, 1929.

Reg. No. 284,395. Registered June 23, 1931. KELLOGG SEED COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.



FOR LAWN GRASS SEED.
Claims use since Mar. 1, 1929.

Reg. No. 285,064. Registered July 14, 1931. THE MICHIGAN CITY TANNING COMPANY, Michigan City, Ind. Republished by Pioneer Suspender Company, Philadelphia, Pa., a corporation of Pennsylvania.



FOR LEATHER.
Claims use since Nov. 1, 1928.

Reg. No. 287,071. Registered Sept. 15, 1931. THE CHAMPION FIBRE COMPANY, Canton, N. C. Republished by The Champion Paper and Fibre Company, Hamilton, Ohio, a corporation of Ohio.

RADIANT

FOR SODA PULP.
Claims use since Jan. 15, 1931.

Reg. No. 287,205. Registered Sept. 15, 1931. JOHN I. HAAS, INC., Washington, D. C., a corporation of Delaware. Republished by registrant.



The geographical notations "Washington" and "Washington, D. C." are disclaimed.
FOR HOPS.
Claims use since on or about Apr. 1, 1931.

Reg. No. 292,677. Registered Mar. 22, 1932. GEORGE O. JENKINS COMPANY, Bridgewater, Mass., a corporation of Massachusetts. Republished by registrant.

NATURO

FOR LEATHERBOARD.
Claims use since Oct. 26, 1931.

Reg. No. 295,405. Registered June 28, 1932. THE FIBERLOID CORPORATION, Indian Orchard, Mass. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.

FIBESTOS

FOR CELLULOSE ACETATE MATERIAL IN THE FORM OF RODS, TUBES, SHEETS, AND POWDER.
Claims use since Feb. 1, 1932.

CLASS 2

RECEPTACLES

Reg. No. 265,698. Registered Jan. 7, 1930. CROWN WILLAMETTE PAPER COMPANY, San Francisco, Calif. Republished by Crown Zellerbach Corporation, also doing business as Crown Willamette Paper Company, San Francisco, Calif., a corporation of Nevada.

CROWN

FOR BAGS, CONTAINERS, AND MERCHANDISE ENVELOPES MADE OF SULPHITE AND/OR SULPHATE PAPER OR PAPERBOARD FOR USE BY GROCERS, FRUIT VENDORS, DEPARTMENT STORES, ETC., ALSO PAPER BAGS AND PAPER RECEPTACLES FOR SPECIAL PURPOSES.
Claims use since January 1890.

Reg. No. 284,846. Registered July 7, 1931. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

VISINET

FOR WOVEN SACKS.
Claims use since March 1930.

Reg. No. 306,143. Registered Sept. 12, 1933. WEST BEND ALUMINUM CO., West Bend, Wis., a corporation of Wisconsin. Republished by registrant.

MEAS -O- MATIC

FOR COFFEE DISPENSING CANISTERS.
Claims use since June 16, 1932.

CLASS 4

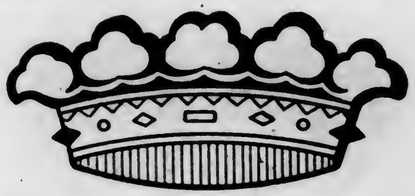
ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Reg. No. 229,232. Registered June 21, 1927. JAMES S. KIRK & COMPANY, Chicago, Ill. Republished by The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio.



FOR SOAP.
Claims use since on or about Apr. 19, 1920.

Reg. No. 258,965. Registered July 16, 1929. THE CANDO CORPORATION, Cambridge, Mass. Republished by Cando Company, Boston, Mass., a corporation of Massachusetts.



FOR POLISHING PASTE, POWDER OR LIQUID FOR USE ON METALS INCLUDING PRECIOUS METALS, GLASS, PORCELAIN, ENAMELS, JEWELRY, AND LEATHER AND AS A HAND CLEANER.
Claims use since May 1, 1895.

Reg. No. 258,966. Registered July 16, 1929. THE CANDO CORPORATION, Cambridge, Mass. Republished by Cando Company, Boston, Mass., a corporation of Massachusetts.

CANDO



FOR POLISHING PASTE, POWDER OR LIQUID FOR USE ON METALS INCLUDING PRECIOUS METALS, GLASS, PORCELAIN, ENAMELS, JEWELRY, AND LEATHER AND AS A HAND CLEANER.
Claims use since May 1, 1895.

Reg. No. 263,843. Registered Nov. 12, 1929. U. S. SANITARY SPECIALTIES CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

TILEZE

FOR CLEANSING COMPOUND ESPECIALLY ADAPTED FOR GENERAL HOUSEHOLD AND OFFICE USE.
Claims use since Feb. 18, 1929.

Reg. No. 264,368. Registered Nov. 26, 1929. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

Casco

FOR TOILET AND BATH SOAP.
Claims use since Nov. 23, 1889.

Reg. No. 265,885. Registered Jan. 7, 1930. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

FILTER-SOL

FOR DRY-CLEANING LIQUID SOAP.
Claims use since July 16, 1929.

Reg. No. 266,649. Registered Jan. 28, 1930. SAN-I-SAL LABORATORIES, INC., Washington, D. C. Republished by International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware.



The drawing is lined for the color red.
FOR DRY CLEANER FOR CLEANING FABRICS.
Claims use since January 1927.

Reg. No. 267,690. Registered Feb. 25, 1930. AMERICAN DISINFECTING COMPANY, Sedalia, Mo. Republished by Adco, Inc., Sedalia, Mo., a corporation of Missouri.

ADCO SUDS

FOR DRY CLEANERS.
Claims use since June 5, 1929.

Reg. No. 286,888. Registered Sept. 8, 1931. THE HEWITT BROS. SOAP COMPANY, Dayton, Ohio. Republished by The Hewitt Soap Company, Inc., Dayton, Ohio, a corporation of Ohio.

EZY-DAY

FOR SOAP IN GRANULAR FORM.
Claims use since Sept. 10, 1930.

Reg. No. 287,289. Registered Sept. 15, 1931. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

ALABASTER

FOR SOAP FLAKES.
Claims use since Nov. 1, 1930.

Reg. No. 288,302. Registered Oct. 20, 1931. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

GOOD LUCK

FOR SOAP.
Claims use since Feb. 21, 1878.

Reg. No. 291,123. Registered Jan. 26, 1932. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

Tiolene

FOR TOILET AND LAUNDRY SOAP, AUTOMOBILE SOAP, HARD SOAP, EXTRA-HARD GREEN SOAP—NAMELY, A VEGETABLE OIL-SOAP.
Claims use since December 1921.

Reg. No. 291,141. Registered Jan. 26, 1932. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

D-Y

FOR PASTE CLEANER FOR HANDS, WALLS, WOODWORK, TILE AND THE LIKE.
Claims use since Aug. 15, 1931.

Reg. No. 298,059. Registered Oct. 11, 1932. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.



FOR SOAP.
Claims use since Jan. 15, 1932.

Reg. No. 306,627. Registered Sept. 26, 1933. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

SPRAYMIST

FOR FLOOR DRESSING USED AS A FLOOR SWEEPING COMPOUND OR STAINLESS DRESSING.
Claims use since Apr. 2, 1932.

Reg. No. 309,920. Registered Feb. 6, 1934. CARMAN & CO., INC., New York, N. Y. Republished by The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio.

SILVER THREADS

FOR SOAP.
Claims use since May 1, 1933.

Reg. No. 314,260. Registered June 26, 1934. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

Ivory



FOR SHAVING CREAM.
Claims use since Aug. 19, 1933.

Reg. No. 317,008. Registered Sept. 11, 1934. THE CANDO CORPORATION, Cambridge, Mass. Republished by Cando Company, Boston, Mass., a corporation of Massachusetts.

CANDO

FOR CLEANING OR CLEANING AND POLISHING PREPARATIONS FOR USE ON METALS, GLASS, CHINA, PORCELAIN, ENAMELS, HARD FINISHED SURFACES, JEWELRY, LEATHER, OR AS A HAND CLEANER.
Claims use since May 1, 1895.

Reg. No. 319,026. Registered Nov. 13, 1934. THE CANDO CORPORATION, Cambridge, Mass. Republished by Cando Company, Boston, Mass., a corporation of Massachusetts.

QUICK—AS—A—WINK

The word "Quick" is disclaimed.
FOR CLEANING AND POLISHING PREPARATIONS FOR USE ON METALS, GLASS, PORCELAIN, ENAMELS AND/OR PLATED SURFACES.
Claims use since Mar. 21, 1934.

Reg. No. 320,833. Registered Jan. 8, 1935. NYKO, INCORPORATED, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Nyko CLEANSING POWDER

The words "Cleansing Powder" are disclaimed.
FOR POWDER MATERIAL FOR CLEANSING ARTIFICIAL DENTAL RESTORATIONS.
Claims use since June 18, 1934.

Reg. No. 323,255. Registered Apr. 9, 1935. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

AL-KLOR

FOR LIQUID DRY CLEANING DETERGENT.
Claims use since Aug. 14, 1934.

CLASS 5

ADHESIVES

Reg. No. 287,211. Registered Sept. 15, 1931. HOWE & FRENCH, INC., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

SE-CUR-IT

FOR ADHESIVE LIQUID CEMENT.
Claims use since Apr. 29, 1931.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Reg. No. 230,620. Registered Aug. 2, 1927. THE SILICA GEL PRODUCTS CORPORATION, Baltimore, Md. Republished by The Davison Chemical Corporation, Baltimore, Md., a corporation of Maryland.

Kyrox

FOR TOILET POWDER.
Claims use since May 12, 1926.

Reg. No. 264,096. Registered Nov. 19, 1929. U. S. SANITARY SPECIALTIES CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

AEROZONE

FOR DISINFECTANT, DEODORANT, AND INSECTICIDE.
Claims use since Jan. 26, 1929.

Reg. No. 265,127. Registered Dec. 17, 1929. MONSANTO CHEMICAL WORKS, St. Louis, Mo. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.

SANTICIZER

FOR PLASTICIZERS OR SOFTENERS USED IN CONNECTION WITH CELLULOSE ACETATE, CELLULOSE NITRATE, CELLULOID, SYNTHETIC RESINS, AND TO SOME EXTENT IN THE SIZING OF TEXTILES.
Claims use since July 19, 1928.

Reg. No. 287,517. Registered Sept. 29, 1931. E. DALTROFF & CIE., doing business as Parfumerie Caron, Paris, France. Republished by Caron Corporation, New York, N. Y., a corporation of New York.

EN AVION

FOR PERFUME.
Claims use since Oct. 1, 1930.

Reg. No. 293,301. Registered Apr. 19, 1932. THE RUBBER SERVICE LABORATORIES COMPANY, Akron, Ohio. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.

RUBBER SERVICE FLECTOL LABORATORIES

The words "Rubber Service Laboratories" are disclaimed.
FOR CHEMICAL COMPOUNDS EMPLOYED AS ANTI-OXIDANTS IN THE MANUFACTURE OF VULCANIZED RUBBER ARTICLES.
Claims use since Sept. 23, 1930.

Reg. No. 310,275. Registered Feb. 13, 1934. NYKO LABORATORIES, INC., Chicago, Ill. Republished by Nyko, Incorporated, Chicago, Ill., a corporation of Illinois.

Nyko

FOR DENTURE ADHERENT POWDER.
Claims use since Nov. 25, 1926.

Reg. No. 311,233. Registered Mar. 20, 1934. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

SILVER

FOR STEARIC ACID.
Claims use since Sept. 22, 1933.

Reg. No. 312,411. Registered Apr. 24, 1934. LUTHER FORD & COMPANY, Minneapolis, Minn. Republished by Luther Ford Products Company, Minneapolis, Minn., a corporation of Minnesota.

NO-DRIP

FOR BLUING.
Claims use since Jan. 18, 1933.

Reg. No. 314,493. Registered July 3, 1934. JAMES L. YOUNGHUSBAND, Chicago, Ill. Republished by Consolidated Cosmetics, Chicago, Ill., a firm.

TABU

FOR LIPSTICKS AND ROUGE.
Claims use since Dec. 10, 1932.

Reg. No. 316,634. Registered Aug. 28, 1934. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

LUNA BRAND

The word "Brand" is disclaimed.
FOR STEARIC ACID.
Claims use since Sept. 15, 1933.

Reg. No. 316,635. Registered Aug. 28, 1934. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

DIAMOND · BRAND

The word "Brand" is disclaimed.
FOR STEARIC ACID.
Claims use since Sept. 15, 1933.

Reg. No. 316,667. Registered Sept. 4, 1934. KEASBEY & MATTISON COMPANY, Ambler, Pa. Republished by Keasbey & Mattison Company (1934), Ambler, Pa., a corporation of Pennsylvania.

K&M

FOR MAGNESIUM CARBONATE AND MAGNESIUM OXIDE.
Claims use since Jan. 1, 1875.

Reg. No. 317,586. Registered Oct. 2, 1934. THE FOREST CITY DOMESTIC PRODUCTS COMPANY, Cleveland, Ohio. Republished by H. M. Sinclair, Jr., trustee for the Sinclair Manufacturing Company, Toledo, Ohio, a partnership.

SIB

FOR LIQUID CHEMICAL DEODORIZER, CLEANER, DISINFECTANT, STERILIZER.
Claims use since Sept. 22, 1933.

Reg. No. 318,530. Registered Oct. 30, 1934. E. DALTROFF & CIE., doing business as Parfumerie Caron, Paris, France, assignor to Caron Corporation, New York, N. Y., a corporation of New York. Republished by Caron Corporation, New York, N. Y., a corporation of New York.



FOR PERFUME.
Claims use since July 26, 1933.

Reg. No. 324,452. Registered May 21, 1935. KOTEX COMPANY, Chicago, Ill., assignor to International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware. Republished by International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware.

QUEST

FOR DEODORANT.
Claims use since Jan. 4, 1935.

CLASS 8

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS

Reg. No. 310,447. Registered Feb. 27, 1934. PETER J. SCHWEITZER, INC., Elizabeth, N. J., a corporation of New York. Republished by registrant.

AQUAFUGE

FOR CIGARETTE PAPER.
Claims use since July 1, 1933.

CLASS 11

INKS AND INKING MATERIALS

Reg. No. 266,618. Registered Jan. 28, 1930. THE NELSON-EISMANN COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

AMERICAN BEAUTY



FOR TYPEWRITER RIBBONS.
Claims use since June 17, 1929.

Reg. No. 282,550. Registered Apr. 21, 1931. THE PARKER PEN COMPANY, Janesville, Wis., a corporation of Wisconsin. Republished by registrant.

QUINK

FOR WRITING INK.
Claims use since Dec. 1, 1929.

CLASS 12

CONSTRUCTION MATERIALS

Reg. No. 255,434. Registered Apr. 23, 1929. PENN METAL COMPANY, Cambridge, Mass. Republished by Penn Metal Company, Inc., Boston, Mass., a corporation of Delaware.

Durabond

FOR METAL LATH.
Claims use since Oct. 22, 1928.

Reg. No. 255,453. Registered Apr. 23, 1929. PENN METAL COMPANY, Cambridge, Mass. Republished by Penn Metal Company, Inc., Boston, Mass., a corporation of Delaware.

MESHTEX

FOR METAL LATHING.
Claims use since Nov. 2, 1928.

Reg. No. 255,454. Registered Apr. 23, 1929. PENN METAL COMPANY, Cambridge, Mass. Republished by Penn Metal Company, Inc., Boston, Mass., a corporation of Delaware.

MASTERIB

FOR METAL LATHING.
Claims use since Nov. 2, 1928.

Reg. No. 258,699. Registered July 16, 1929. BLOOMINGTON LIMESTONE COMPANY, Bloomington, Ind., a corporation of Indiana. Republished by registrant.

ASHTONE

FOR BUILDING BLOCKS, MORE PARTICULARLY FOR FACINGS OF STONE.
Claims use since Nov. 21, 1928.

Reg. No. 262,756. Registered Oct. 22, 1929. T. J. MOSS TIE COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

MC

FOR RAILROAD CROSSTIES, RAILROAD SWITCH TIES, TIMBERS FOR CONSTRUCTION PURPOSES, POLES, PILING.
Claims use since 1902.

Reg. No. 266,832. Registered Feb. 4, 1930. THE PRESSTITE ENGINEERING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

KALKITITE

FOR DRY, POWDERED ASPHALT COMPOUNDED WITH OTHER INGREDIENTS FOR USE IN PRODUCING A CEMENT.
Claims use since June 25, 1929.

Reg. No. 275,250. Registered Sept. 16, 1930. ASBESTOS SHINGLE, SLATE & SHEATHING COMPANY, Ambler, Pa. Republished by Keasbey & Mattison Company, Ambler, Pa., a corporation of Pennsylvania.

DUOFACE

FOR FIREPROOF ROOFING COVERING, ROOFING SLATE, SHINGLES.
Claims use since Mar. 12, 1929.

Reg. No. 284,025. Registered June 9, 1931. ARMSTRONG-NEWPORT COMPANY, Carrollville, Wis. Republished by Armstrong Cork Company, Manheim Township, Lancaster County, Pa., a corporation of Pennsylvania.

Temlok

FOR HEAT AND SOUND INSULATION MATERIAL.
Claims use since Sept. 10, 1930.

Reg. No. 285,660. Registered Aug. 4, 1931. AMBLER ASBESTOS SHINGLE & SHEATHING COMPANY, Ambler, Pa. Republished by Keasbey & Mattison Company, Ambler, Pa., a corporation of Pennsylvania.

RESISTAL

FOR ASBESTOS COMPOSITION BOARD.
Claims use since Dec. 1, 1930.

Reg. No. 288,655. Registered Nov. 3, 1931. ARMSTRONG CORK & INSULATION COMPANY, Lancaster, Pa. Republished by Armstrong Cork Company, Manheim Township, Lancaster County, Pa., a corporation of Pennsylvania.

Vibracork

FOR ISOLATION MATERIAL FOR DAMPENING VIBRATION AND SOUND, PARTICULARLY THAT CAUSED BY MOVING MACHINERY.
Claims use since Apr. 28, 1931.

Reg. No. 292,405. Registered Mar. 15, 1932. BRADFIELD BUILDING PRODUCTS CO., Los Angeles, Calif. Republished by L. M. Scofield Company, Los Angeles, Calif., a firm.

PERMALITH

FOR CEMENT HARDENERS AND COLORS.
Claims use since July 1, 1931.

Reg. No. 294,095. Registered May 17, 1932. TRUSSBILT STEEL DOORS, INC., Minneapolis, Minn. Republished by Siems Bros., Inc., St. Paul, Minn., a corporation of Delaware.

TRUSSBILT

The drawing is lined for the color red.
FOR HOLLOW SHEET METAL UNITS FOR DOORS, FRAMES, LOUVERS, FLOORS, WALLS, ROOFS, PARTITIONS, AND FORMS FOR CONCRETE STRUCTURE.
Claims use since June 9, 1931.

Reg. No. 303,093. Registered May 9, 1933. ARMSTRONG CORK & INSULATION COMPANY, Lancaster, Pa. Republished by Armstrong Cork Company, Manheim Township, Lancaster County, Pa., a corporation of Pennsylvania.

Armstrong's EF

FOR HEAT INSULATING MATERIAL.
Claims use since Sept. 22, 1932.

Reg. No. 306,321. Registered Sept. 12, 1933. PENN METAL COMPANY, Boston, Mass. Republished by Penn Metal Company, Inc., Boston, Mass., a corporation of Delaware.

Pennmetal 1869

FOR METAL LATHS, METAL CORNERS, METAL CORNER BEADS, METAL STRUCTURAL CHANNELS, STRUCTURAL TUBULAR FORMS.
Claims use since Oct. 13, 1932.

Reg. No. 309,466. Registered Jan. 16, 1934. KEASBEY & MATTISON COMPANY, Ambler, Pa. Republished by Keasbey & Mattison Company (1934), Ambler, Pa., a corporation of Pennsylvania.

"LAMINO"

FOR INSULATION PRODUCTS, ESPECIALLY ADAPTED AS A PIPE COVERING.
Claims use since May 17, 1932.

Reg. No. 312,580. Registered May 1, 1934. ARMSTRONG-NEWPORT COMPANY, Carrollville, Wis. Republished by Armstrong Cork Company, Manheim Township, Lancaster County, Pa., a corporation of Pennsylvania.

TEMBOARD

FOR FIBER BOARD, COMPOSITE BOARD, CONSTRUCTION BOARD, SYNTHETIC OR ARTIFICIAL LUMBER, AND HARD BOARD.
Claims use since Nov. 27, 1933.

Reg. No. 313,273. Registered May 22, 1934. COLUMBIAN ENAMELING & STAMPING CO., INC., Terre Haute, Ind., a corporation of Indiana. Republished by registrant.

Porcelite

FOR WALL TILE, CLIP BOARDS, AND CEMENT AND A COMBINED WALL TILE, CLIP BOARD, AND CEMENT.
Claims use since Oct. 1, 1931.

Reg. No. 316,761. Registered Sept. 4, 1934. KEASBEY & MATTISON COMPANY, Ambler, Pa. Republished by Keasbey & Mattison Company (1934), Ambler, Pa., a corporation of Pennsylvania.

K&M

FOR ASBESTOS CEMENTS, ASBESTOS PAPERS, ASBESTOS SHINGLES, ASBESTOS MILL BOARD, WOOL FELT INSULATION, FURNACE CEMENT, THERMAL INSULATING TAPES, COMPOSITION SHINGLES, ASBESTOS BOARDS, COMPOSITION BOARDS, INSULATING CEMENTS, INSULATION PIPE COVERINGS, INSULATION BOILER COVERINGS, WALL BOARDS, INSULATION BLANKETS; CORRUGATED AIR CELL PAPER FOR CONSTRUCTION, BUILDING AND INSULATING PURPOSES; MAGNESIA INSULATION COMPRISING MAGNESIUM AND ASBESTOS FIBRE, AND MISCELLANEOUS BUILDING PRODUCTS COMPOSED OF ASBESTOS CEMENT COMPOSITIONS—NAMELY DOORS, STUDDING, AND PARTITIONS.
Claims use since Jan. 1, 1875.

Reg. No. 320,405. Registered Dec. 25, 1934. STEELOX COMPANY, Chicago, Ill. Republished by The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio.

Steelox

FOR METAL PILING, METAL PANELS, METAL FRAMES FOR DOORS AND WINDOWS, METAL LATH AND FASTENING DEVICES FOR SUCH PANELS, FRAMES, AND LATHS.
Claims use since Aug. 1, 1932.

Reg. No. 324,720. Registered May 28, 1935. KEASBEY & MATTISON COMPANY, Ambler, Pa. Republished by Keasbey & Mattison Company (1934), Ambler, Pa., a corporation of Pennsylvania.

Sheetflextos

FOR ASBESTOS CEMENT BOARDS, COMPOSITION BOARDS, WALL BOARD, AND ASBESTOS MILL BOARDS.
Claims use since Nov. 15, 1934.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Reg. No. 285,964. Registered Aug. 11, 1931. HILL-SHAW COMPANY, Chicago, Ill. Republished by Hill-Shaw Company, Chicago, Ill., a corporation of Delaware.

VACULATOR

FOR GLASS COFFEE BREWERS.
Claims use since Sept. 12, 1930.

Reg. No. 286,731. Registered Sept. 1, 1931. THE OSCAR C. RIXSON COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

RXN

FOR BUILDERS' HARDWARE—NAMELY, HINGES, CASEMENT AND TRANSOM OPERATORS, DOOR CHECKS, DOOR HOLDERS, DOOR AND CASEMENT PIVOTS, CASEMENT HOLDERS, STAYS AND PARTS THEREOF.
Claims use since Mar. 31, 1931.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Reg. No. 290,355. Registered Jan. 5, 1932. THE AMERICAN ROLLING MILL COMPANY, Middletown, Ohio, a corporation of Ohio. Republished by registrant.

PAINTGRIP

FOR GALVANIZED IRON AND STEEL SHEETS.
Claims use since July 24, 1931.

Reg. No. 292,998. Registered Apr. 5, 1932. MAGNOLIA METAL COMPANY, New York, N. Y., a corporation of West Virginia. Republished by registrant, present location Elizabeth, N. J.

CP-12

FOR BEARING ALLOYS.
Claims use since Nov. 1, 1931.

CLASS 15

OILS AND GREASES

Reg. No. 259,036. Registered July 23, 1929. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

PURELUBE

FOR LUBRICATING OILS AND GREASES.
Claims use since Aug. 31, 1928.

Reg. No. 264,485. Registered Nov. 26, 1929. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

CRYSTALENE

FOR KEROSENE.
Claims use since September 1924.

Reg. No. 275,732. Registered Sept. 30, 1930. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

THE PURE OIL COMPANY, U.S.A.

The abbreviation "U. S. A." is disclaimed.
FOR ILLUMINATING OILS, MOTOR FUEL OILS, LUBRICATING OILS, LUBRICATING GREASES, AND FUEL OILS.
Claims use since Apr. 1, 1930.

Reg. No. 323,183. Registered Apr. 2, 1935. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

Xcel
THE PURE OIL CO. U.S.A.

The abbreviation "U. S. A." is disclaimed.
FOR MOTOR FUEL OILS.
Claims use since Oct. 23, 1934.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Reg. No. 194,339. Registered Jan. 20, 1925. BAKO PROCESS COMPANY, Minneapolis, Minn. Republished by J. Edw. Collins, Minneapolis, Minn.

BAKO

FOR READY-MIXED PAINTS, PAINT ENAMEL, CRACK SEALER AND PAINT REMOVER.
Claims use since June 5, 1924.

Reg. No. 285,885. Registered Aug. 11, 1931. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

AQUAWAX

FOR LIQUID WAX FOR RUBBER FLOORS, RUBBER TILE, ASPHALT TILE, MASTIC FLOORING, AND ALL FLOOR COVERINGS USING RUBBER IN THEIR COMPOSITIONS.
Claims use since Feb. 20, 1931.

Reg. No. 285,896. Registered Aug. 11, 1931. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

BUCKEYE

FOR LIQUID WAX FOR FLOORS, LINOLEUM, FURNITURE, AND AUTOMOBILES.
Claims use since Feb. 20, 1931.

Reg. No. 298,142. Registered Oct. 11, 1932. HOWE & FRENCH, INC., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

Linol-Cote

No claim is made to color as a specific feature of the trade-mark.
FOR FLOOR AND LINOLEUM FINISH IN THE NATURE OF VARNISH.
Claims use since Dec. 11, 1931.

Reg. No. 298,945. Registered Nov. 15, 1932. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant, present location Manheim Township, Lancaster County, Pa.

LINOGLOSS

FOR POLISHING PREPARATION FOR HARD SURFACE FLOOR COVERING.
Claims use since June 10, 1932.

Reg. No. 299,273. Registered Nov. 29, 1932. WILLIAM GRAHAM & COMPANY, Baltimore, Md. Republished by The Warner-Graham Company, Baltimore, Md., a corporation of Maryland.

ORIOLE

FOR TURPENTINE AND LINSEED OIL.
Claims use since Jan. 1, 1880.

Reg. No. 299,564. Registered Dec. 13, 1932. VELSICOL CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

VELSICOL

The drawing is lined for blue and yellow.
For LACQUER, VARNISH, STAIN, AND PAINT IN READY MIXED OR PASTE FORM.
Claims use since Mar. 14, 1932.

Reg. No. 299,670. Registered Dec. 13, 1932. VELSICOL CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

VELSICOL

FOR LACQUER, VARNISH, STAIN, AND PAINT IN READY MIXED OR PASTE FORM.
Claims use since Mar. 14, 1932.

Reg. No. 311,362. Registered Mar. 20, 1934. THE MEARL CORPORATION, Brooklyn, N. Y., a corporation of New Jersey. Republished by registrant.

MEARLMAID PEARL ESSENCE

The words "Pearl Essence" are disclaimed.
FOR PEARL ESSENCE.
Claims use since June 9, 1933.

Reg. No. 323,308. Registered Apr. 9, 1935. I. F. LAUCKS, INC., Seattle, Wash. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.

VELLO

FOR COLD WATER PAINTS AND CALCIMINES.
Claims use since Dec. 14, 1934.

CLASS 19

VEHICLES

Reg. No. 290,811. Registered Jan. 19, 1932. AUTO RADIATOR MANUFACTURING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

EUREKA

FOR VEHICLE RADIATORS, RADIATOR CORES, AND AUTOMOBILE HEATERS UTILIZING HOT WATER FROM THE ENGINE.
Claims use since July 12, 1928, on vehicle radiator cores; and since Aug. 20, 1931, on automobile heaters.

Reg. No. 310,208. Registered Feb. 13, 1934. BRAGG-KLIESRATH CORPORATION, South Bend, Ind. Republished by Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware.

THE SEAL OF VACUUM B-K POWER SAFER DRIVING

The words "Vacuum Power" are disclaimed.
FOR BRAKES AND BRAKE SYSTEMS AND PARTS THEREOF.
Claims use since Nov. 22, 1932.

CLASS 20

LINOLEUM AND OILED CLOTH

Reg. No. 299,122. Registered Nov. 22, 1932. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant, present location Manheim Township, Lancaster County, Pa.

LINOWALL

FOR LINOLEUM AND FELT BASE WALL COVERINGS.
Claims use since Aug. 13, 1932.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Reg. No. 195,484. Registered Feb. 24, 1925. ABSOLUTE CON-TAC-TOR CORPORATION, Beloit, Wis. Republished by Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware.

CON-TAC-TOR

The word "Contactor" is disclaimed.
FOR MERCURY SWITCHES, PARTS THEREOF, AND OPERATING MECHANISM THEREFOR.
Claims use since Mar. 15, 1921.

Reg. No. 225,976. Registered Mar. 29, 1927. WASMUTH-GOODRICH COMPANY, Peru, Ind. Republished by Emerson Radio and Phonograph Corporation, New York, N. Y., a corporation of New York.

Emerson PHONORADIO

FOR COMPLETE RADIO RECEIVING SETS ADAPTED TO COMBINATION WITH PHONOGRAPHS.
Claims use since Mar. 14, 1924.

Reg. No. 258,355. Registered July 2, 1929. THE EDWIN F. GUTH COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

LIGHT-O-DAY

FOR ELECTRIC-LIGHTING FIXTURES.
Claims use since Jan. 19, 1928.

Reg. No. 265,967. Registered Jan. 7, 1930. BENJAMIN ELECTRIC MANUFACTURING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant, present location Des Plaines, Ill.



The word "Certified" is disclaimed. The border and the central design are lined for the color red, and the body portion between the central diamond and the surname is lined for yellow.

FOR REFLECTORS FOR ELECTRIC LAMPS.
Claims use since Sept. 1, 1928.

Reg. No. 285,709. Registered Aug. 4, 1931. SPENCER THERMOSTAT COMPANY, Cambridge, Mass., a corporation of Massachusetts. Republished by registrant.

KLIXON

FOR TEMPERATURE CONTROLLED ELECTRIC SWITCHES USED, FOR EXAMPLE, IN THE CONTROL OF THE GAS BURNING FURNACES.
Claims use since Sept. 3, 1930.

Reg. No. 311,281. Registered Mar. 20, 1934. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio, a corporation of Ohio. Republished by registrant.

JUMBO

FOR STORAGE BATTERIES.
Claims use since Aug. 9, 1933.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Reg. No. 258,244. Registered July 2, 1929. THE AMERICAN FORK AND HOE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TRUE TEMPER

FOR FISHING RODS, FISHING ROD HANDLES, FISHING ROD CASES, FISHING REELS, RUBBER GRIPS FOR FISHING ROD HANDLES, GOLF CLUBS, GOLF CLUB SHAFTS, GOLF CLUB HEADS, SKIS, SNOWSHOES, BOWS FOR ARCHERY, ARROWS, BOWSTRINGS, ARCHERY TARGETS.
Claims use since July 1924.

Reg. No. 287,285. Registered Sept. 15, 1931. GLOBE-UNION MFG. CO., Milwaukee, Wis. Republished by Globe-Union Inc., Milwaukee, Wis., a corporation of Delaware.

GLOBE

FOR ICE SKATES AND ROLLER SKATES.
Claims use since Mar. 13, 1931.

Reg. No. 316,927. Registered Sept. 11, 1934. THE WORTHINGTON BALL COMPANY, Elyria, Ohio, a corporation of Ohio. Republished by registrant.

SWEET SHOT

FOR GOLF BALLS.
Claims use since Nov. 22, 1933.

Reg. No. 323,806. Registered May 7, 1935. THE WORTHINGTON BALL COMPANY, Elyria, Ohio, a corporation of Ohio. Republished by registrant.

ROCKET

FOR GOLF BALLS.
Claims use since Mar. 24, 1931.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Reg. No. 147,965. Registered Nov. 8, 1921. THE CLEVELAND TRACTOR COMPANY, Euclid, Ohio. Republished by The Oliver Corporation, Chicago, Ill., a corporation of Delaware.

Cletrac

FOR INTERNAL-COMBUSTION ENGINES.
Claims use since Feb. 11, 1921.

Reg. No. 229,629. Registered July 5, 1927. E. C. ATKINS AND COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

CINCH-WELD

The word "Weld" is disclaimed.
FOR MACHINE KNIVES.
Claims use since on or about May 1, 1925.

Reg. No. 245,117. Registered Aug. 7, 1928. METALWELD, INCORPORATED, Philadelphia, Pa. Republished by Worthington Pump and Machinery Corporation, Harrison, N. J., a corporation of Delaware.

AIR-KING

FOR AIR COMPRESSORS, PORTABLE AND NONPORTABLE, SELF-PROPELLED, AND NONSELF-PROPELLED; PUMPS, PORTABLE AND NONPORTABLE, SELF-PROPELLED, AND NONSELF-PROPELLED; PNEUMATICALLY-OPERATED TOOLS—NAMELY, TRENCH SPADES, CLAY SPADES, ROCK DRILLS, BONDING DRILLS, PAVING BREAKERS, BACK-FILL TAMPERS, WRENCHES, AND LIFTING JACKS.
Claim use since about Feb. 15, 1928.

Reg. No. 255,772. Registered Apr. 30, 1929. LORING COES & CO., INC., Worcester, Mass. Republished by Loring Coes Company, Worcester, Mass., a corporation of Massachusetts.

COES

FOR MACHINE KNIVES.
Claims use since the year 1872.

Reg. No. 264,017. Registered Nov. 12, 1929. ELGIN SOFTENER CORPORATION, Elgin, Ill., a corporation of Illinois. Republished by registrant.

Elgin

The word "Elgin" is disclaimed.
FOR WATER-SOFTENING SYSTEMS AND PARTS THEREOF.
Claims use since Aug. 1, 1924.

Reg. No. 282,865. Registered May 5, 1931. E. C. ATKINS AND COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.



The drawing is lined for the color blue. No claim is made to the representation of the hack saw blade.
FOR HACK-SAW BLADES.
Claims use since Dec. 1, 1927.

Reg. No. 283,564. Registered June 2, 1931. THE AMERICAN FORK & HOE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TRUE TEMPER

FOR AXES, ADZES, BROADAXES, BUSH HOOKS, HATCHETS, NAIL HAMMERS, HAMMERS, HANDLES FOR HAND AGRICULTURAL IMPLEMENTS, SCYTHES, GRUB HOES, MATTOCKS, PICK MATTOCKS, PICKS, GRASS HOOKS, WEED CUTTERS, AND DITCH BANK BLADES.
Claims use since Nov. 26, 1930.

Reg. No. 289,575. Registered Dec. 1, 1931. LEACH COMPANY, Oshkosh, Wis., a corporation of Wisconsin. Republished by registrant.

OSHKOSH MASTER NICKEL ALLOY

The words "Oshkosh" and "Nickel Alloy" are disclaimed.
FOR SHOVELS.
Claims use since Oct. 1, 1929.

Reg. No. 289,804. Registered Dec. 8, 1931. GREENFIELD TAP AND DIE CORPORATION, Greenfield, Mass., a corporation of Massachusetts. Republished by registrant.

Greenfield

FOR BIT BRACE TOOLS, BOLT CUTTERS, HORSESHOERS' BUTTRESSES, BOLT THREADERS, COLLETS, COUNTERSHAFTS, COUNTERSINKS, COLD SAW CUTTING-OFF MACHINES, DRILLING MACHINES, DRILLS, DIE STOCKS, DIES, GRINDING MACHINES; HOLDERS FOR DIES, DRILLS AND TAPS; LATHES, MANDRELLS, METAL WORKING DRILLS, PULLEYS, PIPE WRENCHES, PIPE CUTTERS, PIPE VISES, PIPE PLATES, REAMERS, RECEDERS (RECEDING PIPE THREADERS), SCREW PLATES (SETS OF DIES, TAPS, AND ACCESSORIES, WRENCHES, STOCKS AND COLLETS), SHOEING VISES, SWAGE-BLOCKS, TAPS, TAPPING ATTACHMENTS (DEVICES FOR ATTACHMENT TO MACHINES FOR RECEIVING AND OPERATING TAPS), THREADING MACHINES, TIRE-SHRINKERS, TIRE-WHEELS, TOOL GRINDERS, AND WRENCHES (TAP AND NUT).
Claims use since Feb. 1, 1913.

Reg. No. 292,142. Registered Mar. 1, 1932. CONSOLIDATED MACHINE TOOL CORPORATION OF AMERICA, Rochester, N. Y. Republished by Consolidated Machine Tool Corporation, Rochester, N. Y., a corporation of Delaware.

MODERN MAGIC

FOR DRILL CHUCKS.
Claims use since 1911.

Reg. No. 292,908. Registered Mar. 29, 1932. BEAR MANUFACTURING COMPANY, Rock Island, Ill., a corporation of Delaware. Republished by registrant.



FOR AUTOMOBILE FRAME STRAIGHTENERS, TEETER RACKS FOR AUTOMOBILES, AND AUTOMOBILE AXLE PRESSES.
Claims use since about Mar. 1, 1930.

Reg. No. 292,921. Registered Mar. 29, 1932. THE HEALD MACHINE COMPANY, Worcester, Mass., a corporation of Massachusetts. Republished by registrant.

BORE-MATIC

FOR MACHINES FOR THE PRECISION FINISHING OF HOLES OR BORES IN PARTS OF METAL, FIBER, AND LIKE MATERIALS.
Claims use since Feb. 27, 1931.

Reg. No. 311,537. Registered Mar. 27, 1934. BENDIX STROMBERG CARBURETOR COMPANY, South Bend, Ind. Republished by Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware.

BENDIX-STROMBERG

FOR CARBURETORS.
Claims use since Mar. 5, 1931.

Reg. No. 314,673. Registered July 3, 1934. THE GATES RUBBER COMPANY, Denver, Colo., a corporation of Colorado. Republished by registrant.

Multi-duty

FOR SHEAVES AND PULLEYS.
Claims use since Jan. 1, 1934.

Reg. No. 315,933. Registered Aug. 14, 1934. JAY J. SINDLER, Malden, Mass. Republished by Spir-It, Inc., Malden, Mass., a corporation of Massachusetts.

SPIR-IT

FOR BODKINS FOR USE AS FOOD UTENSILS.
Claims use since Feb. 15, 1934.

Reg. No. 316,030. Registered Aug. 14, 1934. TURNER, DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.

ONYX

FOR WOODEN HANDLES FOR AXES, HATCHETS, AND SIMILAR IMPLEMENTS.
Claims use since January 1933.

Reg. No. 317,231. Registered Sept. 18, 1934. E. C. ATKINS AND COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

WORK-AT-HOME

FOR SAWS OF ALL KINDS, PARTICULARLY CIRCULAR SAWS, HAND SAWS, COMPASS SAWS, KEYHOLE SAWS, MITRE SAWS, BACK SAWS, AND DOVETAIL SAWS.
Claims use since Mar. 9, 1934.

CLASS 25

LOCKS AND SAFES

Reg. No. 287,258. Registered Sept. 15, 1931. THE GENERAL FIREPROOFING COMPANY, Youngstown, Ohio, a corporation of Ohio. Republished by registrant.

GF

FOR SAFES, FILING SAFES, NOTE CASES, AND BOND BOXES, SAID NOTE CASES AND BOND BOXES BEING PROVIDED WITH COVERS AND LOCKS.
Claims use since Apr. 29, 1931.

Reg. No. 291,756. Registered Feb. 23, 1932. MASTER LOCK COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

Secret Service

Secret Service

FOR PADLOCKS.
Claims use since about Mar. 1, 1931.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Reg. No. 282,192. Registered Apr. 14, 1931. MINNEAPOLIS-HONEYWELL REGULATOR COMPANY, Minneapolis, Minn., a corporation of Delaware. Republished by registrant.

MODUSTAT

FOR TEMPERATURE-CONTROLLED VALVES.
Claims use since Apr. 27, 1929.

Reg. No. 288,806. Registered Nov. 3, 1931. ELGIN SOFTENER CORPORATION, Elgin, Ill., a corporation of Illinois. Republished by registrant.

CONCENTROMETER

FOR HYDROMETERS FOR MEASURING THE SPECIFIC GRAVITY OF LIQUIDS.
Claims use since Feb. 6, 1930.

Reg. No. 318,553. Registered Oct. 30, 1934. MINNEAPOLIS-HONEYWELL REGULATOR COMPANY, Minneapolis, Minn., a corporation of Delaware. Republished by registrant.

CHRONOTHERM

FOR COMBINATION TIME AND THERMOSTATIC TEMPERATURE CONTROLS FOR HEATING APPARATUS.
Claims use since Apr. 16, 1934.

Reg. No. 323,780. Registered Apr. 30, 1935. MINNEAPOLIS-HONEYWELL REGULATOR COMPANY, Minneapolis, Minn., a corporation of Delaware. Republished by registrant.

WEATHERSTAT

FOR REMOTELY LOCATED WEATHER CONDITION RESPONSIVE CONTROL APPARATUS FOR AN AIR CONDITION CHANGING SYSTEM.
Claims use since September 1933.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Reg. No. 288,097. Registered Oct. 20, 1931. THE WATSON COMPANY, Attleboro, Mass. Republished by registrant.

Lotus

FOR STERLING SILVER FLATWARE AND STERLING SILVER HOLLOWWARE.
Claims use since Sept. 1, 1930.

Reg. No. 289,958. Registered Dec. 15, 1931. THE WATSON COMPANY, Attleboro, Mass., a corporation of Massachusetts. Republished by registrant.

EXEMPLAR

FOR STERLING SILVER HOLLOW WARE AND STERLING SILVER FLAT WARE.
Claims use since June 26, 1931.

Reg. No. 308,299. Registered Nov. 28, 1933. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

ESQUIRE

FOR BELT BUCKLES OF PRECIOUS OR IN PART PRECIOUS METAL.
Claims use since July 24, 1933.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Reg. No. 310,274. Registered Feb. 13, 1934. NYKO LABORATORIES, INC., Chicago, Ill. Republished by Nyko, Incorporated, Chicago, Ill., a corporation of Illinois.

Nyko

FOR BRUSHES FOR NATURAL TEETH AND ARTIFICIAL TEETH ON BRIDGES, CLASPS, PLATES, AND THE LIKE.
Claims use since Nov. 25, 1926.

CLASS 32

FURNITURE AND UPHOLSTERY

Reg. No. 275,715. Registered Sept. 30, 1930. DUKE MANUFACTURING CO., St. Louis, Mo., a corporation of Missouri. Republished by registrant.

Duke

FOR PASTRY COUNTERS, BAKERS' TABLES, SET-UP TABLES WITH TRAY RACKS, PLATE-STORAGE CABINETS, KITCHEN CABINETS, BACK BARS, PASTRY CASES, CAFETERIA COUNTERS, FOUNTAIN COUNTERS, GALVANIZED TOP TABLES, STEEL-TOP TABLES, WOOD-TOP TABLES, TABLES WITH DRAWERS, TABLES WITH SHELVING, TABLES WITH CLOSED CABINET BASE, METAL SHELVING, WALL CABINETS, STORAGE CABINETS, CENTER BARS, STOOLS, LUNCH COUNTERS, DELICATESSEN COUNTERS, AND SERVICE COUNTERS.
Claims use since Sept. 9, 1925.

Reg. No. 292,477. Registered Mar. 15, 1932. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

TRADITION

FOR SECRETARIES, CHESTS, DESKS, BEDS, SOFAS, HOUSEHOLD CHAIRS, HOUSEHOLD TABLES, PEDESTALS, MIRRORS, SHELVES, WALL BRACKETS, SIDEBOARDS, BOOKCASES, CABINETS, DRESSING TABLES, CONSOLES, CANTERBURIES, AND COMMODES.
Claims use since Apr. 1, 1931.

Reg. No. 316,611. Registered Aug. 28, 1934. STERN & CO., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

GUILD-CRAFT Quality Furniture

The words "Quality" and "Furniture" are disclaimed.
FOR DINING ROOM SUITES, BEDROOM SUITES, LIVING ROOM SUITES, STUDIO COUCHES, MATTRESSES, AND PILLOWS.
Claims use since Mar. 10, 1934.

Reg. No. 323,710. Registered Apr. 30, 1935. THE GLOBE-WERNICKE CO., Norwood, Ohio, a corporation of Ohio. Republished by registrant.

TRI-GUARD

FOR FILE DRAWERS OR BOXES FOR RECORD FILES.
Claims use since June 22, 1927.

Reg. No. 341,802. Registered Dec. 22, 1936. THE GENERAL FIREPROOFING CO., Youngstown, Ohio, a corporation of Ohio. Republished by registrant.

SUPER-FILER

The word "Filer" is disclaimed.
FOR FILING CABINETS.
Claims use since July 8, 1936.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Reg. No. 298,115. Registered Oct. 11, 1932. L. J. MUELLER FURNACE COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

CLIMATOR

FOR WARM AIR HEATING AND AIR CONDITIONING SYSTEMS.
Claims use since Feb. 21, 1930.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Reg. No. 291,991. Registered Mar. 1, 1932. THE GATES RUBBER COMPANY, Denver, Colo., a corporation of Colorado. Republished by registrant.

GATES VULCO

FOR AUTOMOBILE FAN AND GENERATOR BELTS, TRANSMISSION BELTING, VEHICLE TIRES AND INNER TUBES, TIRE PLASTERS, TUBE PATCHES, VALVE BASES, RUBBER AND CANVAS OR CORD COUPLINGS, GENERATOR COUPLINGS, TIRE FLAPS, HOSE (AIR, WATER, WELDING AND STEAM), BRAKE LINING, PORTABLE TIRE TUBE REPAIR OUTFITS.
Claims use since 1920 on automobile fan and generator belts, and on hose (air, water, welding and steam); since 1926 on transmission belting; since 1925 on vehicle tires and inner tubes; since 1928 on tire patches, tube patches, valve bases, and tire tube repair outfits; since 1927 on rubber and canvas or cord couplings; since 1924 on tire flaps, and since February 1931 on brake lining.

Reg. No. 306,055. Registered Sept. 5, 1933. HENRY K. BARNES COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant, present location Salem, Mass.

REEMAY

FOR LEATHER BELTING.
Claims use since Mar. 1, 1933.

Reg. No. 306,579. Registered Sept. 26, 1933. THE S. K. WELLMAN COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

Velvetouch

FOR BRAKE LININGS AND TRANSMISSION LININGS.
Claims use since on or about Aug. 15, 1923.

Reg. No. 317,265. Registered Sept. 18, 1934. KEASBEY & MATTISON COMPANY, Ambler, Pa. Republished by Keasbey & Mattison Company (1934), Ambler, Pa., a corporation of Pennsylvania.

K&M

FOR ASBESTOS PACKINGS ESPECIALLY ADAPTED FOR USE IN PUMPS, PISTONS AND LOCOMOTIVES, STUFFING BOXES, VALVE STEMS, AND AS PRESSURE GLANDS, FLAX PACKINGS, BRAKE LININGS, CLUTCH FACINGS, AND GASKETS.
Claims use since about Jan. 1, 1875.

CLASS 37

PAPER AND STATIONERY

Reg. No. 255,741. Registered Apr. 30, 1929. THE PARKER PEN COMPANY, Janesville, Wis., a corporation of Wisconsin. Republished by registrant.

Parker

FOR DESK SETS (DESK STANDS AND HOLDERS) FOR PENS AND PENCILS.
Claims use since June 26, 1926.

Reg. No. 256,097. Registered May 7, 1929. THE GLOBE-WERNICKE CO., Norwood, Ohio, a corporation of Ohio. Republished by registrant.



The drawing is lined for the color blue.
FOR PAPER FILES FOR CORRESPONDENCE.
Claims use since Oct. 1, 1927.

Reg. No. 264,522. Registered Nov. 26, 1929. SEAMAN PAPER COMPANY, Chicago, Ill. Republished by Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis., a corporation of Wisconsin.

Production

FOR ROTOGRAVURE PAPERS, PRINTING, BOOK AND COVER PAPERS, AND OFFSET PAPERS.
Claims use since May 1, 1929.

Reg. No. 264,523. Registered Nov. 26, 1929. SEAMAN PAPER COMPANY, Chicago, Ill. Republished by Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis., a corporation of Wisconsin.

PICTOROTO

FOR ROTOGRAVURE PAPERS, PRINTING, BOOK, AND COVER PAPERS.
Claims use since May 1, 1929.

Reg. No. 264,968. Registered Dec. 10, 1929. SEAMAN PAPER COMPANY, Chicago, Ill. Republished by Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis., a corporation of Wisconsin.

PANORAMA

FOR ROTOGRAVURE PAPERS, PRINTING, BOOK, AND COVER PAPERS.
Claims use since May 1, 1929.

Reg. No. 294,284. Registered May 24, 1932. THE PARKER PEN COMPANY, Janesville, Wis., a corporation of Wisconsin. Republished by registrant.

Parker
Duofold

FOR DESK SETS (DESK STANDS AND HOLDERS).
Claims use since May 1930.

Reg. No. 297,536. Registered Sept. 20, 1932. KOTEX COMPANY, Chicago, Ill. Republished by International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware.

KLEENEX

FOR PAPER TOWELS.
Claims use since about July 7, 1931.

Reg. No. 299,676. Registered Dec. 13, 1932. CELLULOSE PRODUCTS CORPORATION, Shamokin, Pa., and New York, N. Y. Republished by International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware.

tish

FOR HANDKERCHIEFS, CLEANSING AND POLISHING TISSUES, NAPKINS, FACIAL TISSUES IN FOLDED SHEETS OR IN ROLLS, AND SMALL TOWELS, ALL MADE OF SOFT CELLULOSE TISSUE.
Claims use since October 1930.

Reg. No. 321,451. Registered Feb. 5, 1935. ACME CARD SYSTEM COMPANY, Chicago, Ill. Republished by Acme Visible Records, Inc., Chicago, Ill., a corporation of Delaware.

Da-log

FOR COMBINATION DESK CALENDARS, DIARIES, AND ADDRESS BOOKS.
Claims use since Dec. 20, 1928.

CLASS 38

PRINTS AND PUBLICATIONS

Reg. No. 202,044. Registered Aug. 11, 1925. BROWN & BIGELOW, St. Paul, Minn., a corporation of Minnesota. Republished by registrant.

THE BANK MESSENGER

FOR PERIODICAL PARTICULARLY ADAPTED TO BANKS AND BANKING INTERESTS, PUBLISHED FROM TIME TO TIME.
Claims use since about Oct. 1, 1924.

Reg. No. 286,903. Registered Sept. 8, 1931. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant.

THE ARMSTRONG INSULATOR

FOR MAGAZINE PUBLISHED BIMONTHLY.
Claims use since Apr. 13, 1931.

CLASS 39

CLOTHING

Reg. No. 193,005. Registered Dec. 16, 1924. CINDERELLA HAT CO., INC., New York, N. Y. Republished by Ben Touster, doing business as Cinderella Hat Co., New York, N. Y.



The words "Hat" and "New York" are disclaimed.
FOR INFANTS', CHILDREN'S, AND MISSES' HATS.
Claims use since Nov. 1, 1923.

Reg. No. 229,174. Registered June 21, 1927. MILTON J. MEYER & CO., INC., New York, N. Y., assignor to The United States Shoe Company, Cincinnati, Ohio. Republished by The United States Shoe Corporation, Cincinnati, Ohio, a corporation of Ohio.



FOR CHILDREN'S LEATHER SHOES.
Claims use since about the year 1891.

Reg. No. 255,168. Registered Apr. 16, 1929. SENACK SHOE COMPANY, St. Louis, Mo. Republished by Consolidated Retail Stores, Inc., St. Louis, Mo., a corporation of Delaware.



FOR SHOES CONSTRUCTED OF A COMBINATION OF LEATHER, RUBBER, AND FABRIC.
Claims use since Aug. 10, 1928.

Reg. No. 262,996. Registered Oct. 29, 1929. REGAL SHOE COMPANY, Whitman, Mass., a corporation of Massachusetts. Republished by registrant.



FOR LEATHER BOOTS AND SHOES.
Claims use since Apr. 3, 1908.

Reg. No. 285,139. Registered July 14, 1931. DUMARI TEXTILE CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

DUMARI

FOR DRESSES.
Claims use since Mar. 10, 1928.

Reg. No. 287,851. Registered Oct. 13, 1931. CALVIN C. MCGAUGH, Dallas, Tex. Republished by McGaugh Hosiery Mills, Ltd., Dallas, Tex., a firm.



The word "Hosiery" is disclaimed.
FOR HOSIERY.
Claims use since Dec. 27, 1930.

Reg. No. 294,153. Registered May 17, 1932. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

SUPPLETAND

FOR APPAREL BELTS, SUSPENDERS, BRACES, AND GARTERS.
Claims use since Dec. 20, 1931.

Reg. No. 303,366. Registered May 23, 1933. APEX HOSIERY COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

APEX NON-RUN

The word "Non-Run" is disclaimed.
FOR HOSIERY.
Claims use since Sept. 1, 1932.

Reg. No. 305,641. Registered Aug. 22, 1933. WEYENBERG SHOE MFG. CO., Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

MODERN ARISTOCRATS

FOR LEATHER SHOES.
Claims use since July 1, 1932.

Reg. No. 309,948. Registered Feb. 6, 1934. WEYENBERG SHOE MFG. CO., Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

OLYMPIC

FOR LEATHER SHOES.
Claims use since November 1931.

Reg. No. 310,730. Registered Mar. 6, 1934. FRANCO CORSET COMPANY, New York, N. Y., a firm. Republished by registrant.

Arlette
MADE IN FRANCE

The words "Made in France" are disclaimed.
FOR CORSETS.
Claims use since Mar. 19, 1932.

Reg. No. 311,413. Registered Mar. 20, 1934. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

ZIPCLIP

FOR BELTS FOR OUTER WEAR.
Claims use since Mar. 15, 1933.

Reg. No. 313,841. Registered June 12, 1934. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

STREAMLOX

FOR MEN'S GARTERS AND SUSPENDERS.
Claims use since Jan. 1, 1934.

Reg. No. 314,490. Registered July 3, 1934. MARION SHOE COMPANY, Marion, Ind. Republished by Weyenberg Shoe Manufacturing Company, Milwaukee, Wis., a corporation of Wisconsin.

THE Massagic

FOOTMASSAGING CUSHION SHOE

The words "Foot Massaging Cushion Shoe" are disclaimed.
FOR SHOES MADE OF LEATHER, RUBBER OR FABRIC, OR OF COMBINATIONS OF THOSE MATERIALS.
Claims use since Dec. 15, 1933.

Reg. No. 317,205. Registered Sept. 18, 1934. WEINGARTEN BROS., INC., New York, N. Y. Republished by W. B. Foundations, Incorporated, Newark, N. J., a corporation of New Jersey.

W.T.B. Roll-On

FOR WOMEN'S UNDERGARMENTS—VIZ., BRASSIÈRES, CORSET BRASSIÈRES, CORSETS, GIRDLES, AND CORSELETS.
Claims use since December 1932.

Reg. No. 317,406. Registered Sept. 25, 1934. WEYENBERG SHOE MANUFACTURING COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

PORTAGE

FOR LEATHER SHOES.
Claims use since May 15, 1924.

Reg. No. 320,829. Registered Jan. 8, 1935. THE GOTTFRIED COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

Marie Dressler

FOR LADIES' DRESSES.
Claims use since April 1931.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Reg. No. 299,417. Registered Dec. 6, 1932. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Expando

FOR BUCKLES MADE OF NON-PRECIOUS METAL.
Claims use since May 15, 1932.

Reg. No. 307,982. Registered Nov. 14, 1933. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

ESQUIRE

FOR BELT BUCKLES OF NON-PRECIOUS METAL.
Claims use since July 24, 1933.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Reg. No. 200,855. Registered July 14, 1925. CAROLINA COTTON & WOOLEN MILLS COMPANY, Spray, N. C. Republished by Marshall Field & Company, Chicago, Ill., a corporation of Illinois.

DRAPER

FOR COTTON BLANKETS.
Claims use since Oct. 24, 1923.

Reg. No. 210,076. Registered Mar. 9, 1926. KNITTED PADDING COMPANY, Canton, Mass., a corporation of Massachusetts. Republished by registrant.

RED EDGE

FOR KNITTED COTTON PADDING, TABLE PADS, AND BED PADS.
Claims use since July 23, 1925.

Reg. No. 262,947. Registered Oct. 29, 1929. SEYMOUR WOOLEN MILLS, Seymour, Ind., a corporation of Indiana. Republished by registrant.

Lady Seymour



FOR TEXTILE BLANKETS.
Claims use since Oct. 17, 1928.

Reg. No. 284,140. Registered June 16, 1931. DUMARI TEXTILE CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

DUMARI

FOR FABRICS IN THE PIECE OF COTTON, LINEN, WOOL, SILK, AND RAYON AND/OR COMBINATION THEREOF.
Claims use since Feb. 13, 1924.

Reg. No. 289,313. Registered Nov. 24, 1931. AMERICAN WOOLEN COMPANY, Boston, Mass., and New York, N. Y., a Massachusetts corporation. Republished by registrant, present location New York, N. Y.

B-4001

FOR WORSTEDS IN THE PIECE.
Claims use since Sept. 22, 1930.

Reg. No. 290,957. Registered Jan. 19, 1932. AMERICAN WOOLEN COMPANY, Boston, Mass., and New York, N. Y., a corporation of Massachusetts. Republished by registrant, present location New York, N. Y.

SAWYER

FOR WOOLEN PIECE GOODS.
Claims use since 1824.

Reg. No. 292,327. Registered Mar. 15, 1932. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

SUPERWEAR

FOR SHEETS AND PILLOWCASES OF COTTON.
Claims use since November 1928.

Reg. No. 293,155. Registered Apr. 12, 1932. AMERICAN WOOLEN COMPANY, New York, N. Y., and Boston, Mass., a corporation of Massachusetts. Republished by registrant, present location New York, N. Y.

THE GREATEST NAME

FOR WOOLEN PIECE GOODS.
Claims use since Dec. 10, 1931.

Reg. No. 316,189. Registered Aug. 21, 1934. REAL SPORT CLOTHING COMPANY, Philadelphia, Pa. Republished by Samuel Caplin, doing business as Real Sport Clothing Company, Philadelphia, Pa.

X-pand-X

FOR TEXTILE FABRICS OF WOOL, COTTON, AND LINEN.
Claims use since Jan. 16, 1934.

Reg. No. 320,936. Registered Jan. 15, 1935. AMERICAN WOOLEN COMPANY, New York, N. Y., a corporation of Massachusetts. Republished by registrant.

SIESTA

FOR WOOLEN PIECE GOODS PARTICULARLY SUITABLE FOR BATH ROBES.
Claims use since July 5, 1934.

CLASS 43

THREAD AND YARN

Reg. No. 317,711. Registered Oct. 2, 1934. KEASBEY & MATTISON COMPANY, Ambler, Pa. Republished by Keasbey & Mattison Company (1934), Ambler, Pa., a corporation of Pennsylvania.

K&M

FOR ASBESTOS THREADS, ASBESTOS YARNS, ASBESTOS FLAT THREAD TAPES ADAPTED FOR USE IN WEAVING CLOTH, AND USED IN CLOTHES MANUFACTURE.
Claims use since about Jan. 1, 1875.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Reg. No. 265,413. Registered Dec. 24, 1929. KOTEX COMPANY, Chicago, Ill. Republished by International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware.

KOTEX

FOR SANITARY BELTS.
Claims use since Jan. 3, 1929.

Reg. No. 312,818. Registered May 8, 1934. KIMBERLY-CLARK CORPORATION, Neenah, Wis., a corporation of Delaware. Republished by registrant.

SANEK

FOR MANICURING SQUARES USEFUL FOR REMOVING LACQUER FROM FINGER NAILS.
Claims use since Sept. 11, 1933.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Reg. No. 306,812. Registered Sept. 26, 1933. DUPONT PHARMACY, INC., Washington, D. C. Republished by 40 Below Beverage Company, Washington, D. C., a firm.

40 BELOW

FOR MALTLESS, NON-ALCOHOLIC BEVERAGES SOLD AS SOFT DRINKS AND SYRUPS FOR MAKING THE SAME.
Claims use since May 1, 1933.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Reg. No. 136,355. Registered Nov. 2, 1920. CANNON VALLEY MILLING COMPANY, Minneapolis, Minn. Republished by Cannon Valley Milling Co. (1938), Minneapolis, Minn., a corporation of Minnesota.



FOR WHEAT-FLOUR.
Claims use since September 1915.

Reg. No. 136,356. Registered Nov. 2, 1920. CANNON VALLEY MILLING COMPANY, Minneapolis, Minn. Republished by Cannon Valley Milling Co. (1938), Minneapolis, Minn., a corporation of Minnesota.

INVADER

FOR WHEAT-FLOUR.
Claims use since Apr. 30, 1920.

Reg. No. 137,139. Registered Nov. 23, 1920. CANNON VALLEY MILLING COMPANY, Minneapolis, Minn. Republished by Cannon Valley Milling Co. (1938), Minneapolis, Minn., a corporation of Minnesota.

ALLGOLD

FOR WHEAT-FLOUR.
Claims use since 1906.

Reg. No. 192,688. Registered Dec. 9, 1924. SUNSET NUT SHELLING COMPANY, San Francisco, Calif. Republished by Sunset-Sternau Food Company, San Francisco, Calif., a corporation of California.

SUNSET

FOR WALNUTS, SHELLED OR UNSHELLED, OR CANDIED OR SALTED; FILBERTS, SHELLED OR UNSHELLED, CANDIED OR SALTED; ALMONDS, SHELLED OR UNSHELLED, OR CANDIED OR SALTED; HAZELNUTS, SHELLED OR UNSHELLED, CANDIED OR SALTED; PECANS, SHELLED OR UNSHELLED, CANDIED OR SALTED; PINEAPPLE, CANDIED OR DRIED; FIGS, DRIED OR CANDIED; DATES, DRIED OR CANDIED; PRUNES, DRIED OR CANDIED; NATURAL RAISINS; ORANGE PEEL, DRIED OR CANDIED; LEMON PEEL, DRIED OR CANDIED; CITRON, DRIED OR CANDIED; DATES, STUFFED OR FILLED WITH WALNUTS OR ALMONDS, OR PECANS, OR FILBERTS, OR HAZELNUTS; APRICOTS, STUFFED OR FILLED WITH WALNUTS, OR ALMONDS, OR PECANS, OR FILBERTS, OR HAZELNUTS; PRUNES, STUFFED OR FILLED WITH WALNUTS OR ALMONDS, OR PECANS, OR FILBERTS, OR HAZELNUTS; AND NUTS AND RAISINS MIXED.
Claims use since Apr. 1, 1903.

Reg. No. 237,575. Registered Jan. 10, 1928. CANNON VALLEY MILLING COMPANY, Minneapolis, Minn. Republished by Cannon Valley Milling Co. (1938), Minneapolis, Minn., a corporation of Minnesota.



FOR WHEAT FLOUR.
Claims use since Sept. 23, 1908.

Reg. No. 248,210. Registered Oct. 16, 1928. PIE BAKERIES OF AMERICA INC., Newark, N. J. Republished by Wagner Baking Corporation, Newark, N. J., a corporation of Delaware.



The phrase "Famous Homemade Pies" is disclaimed.
FOR PIES.
Claims use since Feb. 15, 1926.

Reg. No. 258,397. Registered July 9, 1929. THE ROBERTS COFFEE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

CLARK'S COFFEE

The word "Coffee" is disclaimed. The drawing is lined for the color green.
FOR COFFEE.
Claims use since on or about Feb. 17, 1920.

Reg. No. 263,331. Registered Nov. 5, 1929. J. STROMEYER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

YANKIBOY

FOR TABLE AND COOKING SYRUPS.
Claims use since Apr. 11, 1929.

Reg. No. 265,109. Registered Dec. 17, 1929. THE ROBINSON MILLING COMPANY, Salina, Kans., a corporation of Kansas. Republished by registrant.



FOR PLAIN FLOUR AND A SELF-RISING FLOUR.
Claims use since June 10, 1929.

Reg. No. 285,854. Registered Aug. 11, 1931. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

CANARI

FOR DRIED BEANS.
Claims use since the middle of 1928.

Reg. No. 286,334. Registered Aug. 25, 1931. C. F. SIMONIN'S SONS, INC., Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

SIMCO SHORTENING

The word "Shortening" is disclaimed.
FOR SHORTENINGS COMPOSED OF VEGETABLE SUBSTANCES AND OF COMBINATIONS OF ANIMAL AND VEGETABLE SUBSTANCES.
Claims use since Mar. 27, 1931.

Reg. No. 292,266. Registered Mar. 8, 1932. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

SEXASILL

FOR DRESSED SALTED HERRING IN BULK AND CANNED.
Claims use since February 1930.

Reg. No. 298,934. Registered Nov. 15, 1932. EMPIRE STATE FLOUR MILLS, Buffalo, N. Y. Republished by Standard Milling Company, Chicago, Ill., a corporation of Illinois.

MOTHER'S PET



FOR WHEAT FLOUR.
Claims use since Feb. 29, 1932.

Reg. No. 305,355. Registered Aug. 15, 1933. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

KIPS

FOR KIPPERED HERRING, AND KIPPER SNACKS.
Claims use since Feb. 15, 1933.

Reg. No. 306,459. Registered Sept. 19, 1933. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

COTOFLAKES

FOR HYDROGENATED FLAKED COTTONSEED OIL USED AS A FOOD.
Claims use since Mar. 21, 1933.

Reg. No. 307,630. Registered Oct. 31, 1933. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

HIGH RATIO

FOR VEGETABLE SHORTENING IN SEMI-SOLID FORM.
Claims use since May 18, 1933.

Reg. No. 309,356. Registered Jan. 9, 1934. P. F. PETERSEN BAKING COMPANY, Omaha, Nebr., a corporation of Nebraska. Republished by registrant.

PETER PAN VITA-WHEAT BREAD

The words "Wheat" and "Bread" are disclaimed.
FOR BREAD.
Claims use since Apr. 1, 1932.

Reg. No. 313,126. Registered May 15, 1934. OELERICH & BERRY COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

FRUIT MAID

FOR JAMS AND JELLIES.
Claims use since Dec. 8, 1933.

Reg. No. 316,439. Registered Aug. 28, 1934. OELERICH & BERRY COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

RED HEN



FOR MOLASSES.
Claims use since Sept. 15, 1908.

Reg. No. 318,634. Registered Oct. 30, 1934. THE J. B. INDERRIEDEN CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

BIG FARM

FOR FOODS FOR HUMAN CONSUMPTION, AND MORE PARTICULARLY CANNED VEGETABLES.
Claims use since fall of 1915.

CLASS 47

WINES

Reg. No. 320,775. Registered Jan. 8, 1935. BRAGNO & COMPANY, Chicago, Ill., a firm. Republished by registrant.



FOR WINES.
Claims use since Dec. 5, 1933.

CLASS 48

MALT BEVERAGES AND LIQUORS

Reg. No. 313,730. Registered June 5, 1934. MINNEAPOLIS BREWING COMPANY, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.



The word "Beer" is disclaimed. The drawing is lined for black, red, and gold.
FOR BEER.
Claims use since Dec. 14, 1933.

Reg. No. 317,072. Registered Sept. 11, 1934. FALSTAFF BREWING CORPORATION, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

Super-X

FOR MALT BEVERAGES WITH NOT MORE THAN THE LEGAL ALCOHOLIC CONTENT.
Claims use since June 1, 1925.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Reg. No. 282,277. Registered Apr. 14, 1931. RED STAR YEAST & PRODUCTS COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.



FOR GRAIN ALCOHOL.
Claims use since Dec. 4, 1929.

Reg. No. 311,848. Registered Apr. 10, 1934. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

OPERA CLUB

The word "Club" is disclaimed.
FOR GIN.
Claims use since 1902.

Reg. No. 311,849. Registered Apr. 10, 1934. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

ASCOT CLUB

The word "Club" is disclaimed.
FOR GIN.
Claims use since 1906.

Reg. No. 316,368. Registered Aug. 21, 1934. BUSHMILL WINE & PRODUCTS COMPANY, INC., Scranton, Pa. Republished by Brookside Distilling Products Corporation, Scranton, Pa., a corporation of Delaware.

Olabrook

FOR WHISKEY AND BRANDY.
Claims use since Apr. 12, 1934.

Reg. No. 316,727. Registered Sept. 4, 1934. BUSHMILL WINE & PRODUCTS CO., INC., Scranton, Pa. Republished by Brookside Distilling Products Corporation, Scranton, Pa., a corporation of Delaware.

Brookside

FOR WHISKEY.
Claims use since Jan. 6, 1934.

Reg. No. 317,189. Registered Sept. 18, 1934. BUSHMILL WINE & PRODUCTS COMPANY, INC., Scranton, Pa. Republished by Brookside Distilling Products Corporation, Scranton, Pa., a corporation of Delaware.

Penn Valley

FOR WHISKEY.
Claims use since Apr. 14, 1934.

Reg. No. 319,858. Registered Dec. 4, 1934. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa. Republished by Sunset Incorporated, Chicago, Ill., a corporation of Illinois.

SUNSET

FOR WHISKEY, GIN, RUM, BRANDY, AND ALCOHOLIC CORDIALS.
Claims use since Aug. 8, 1934.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Reg. No. 283,037. Registered May 12, 1931. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant.

Artmold

FOR MOLDED BOTTLE AND JAR CLOSURE OR CAPS.
Claims use since July 31, 1930.

Reg. No. 323,933. Registered May 7, 1935. WALTER R. SCHINDLER, Los Angeles, Calif. Republished by Hot Kap Manufacturing Company, Los Angeles, Calif., a partnership.

Hotents

FOR PLANT PROTECTORS.
Claims use since Aug. 15, 1934.

REISSUES

MARCH 9, 1948

22,980

SPRING HANGER

Albert B. Donkersley and James R. Welshman, Cranston, R. I., assignors to Grinnell Corporation, Providence, R. I., a corporation of Delaware

Original No. 2,397,094, dated March 26, 1946, Serial No. 539,579, June 9, 1944. Application for reissue November 8, 1947, Serial No. 784,922

2 Claims. (Cl. 248—54)



1. A spring hanger for supporting a known load with a predetermined variation in supporting effect during movement of the load within a limited range, said hanger comprising a casing having plates secured to its top and bottom ends, a movable plate within the casing, a hanger rod engaging said movable plate and extending downward through the bottom end plate for connection with the load to be supported, and a spring confined within said casing between the bottom plate thereof and the movable plate; said spring having a free length greater than the height of said casing and having a spring constant corresponding to the said predetermined variation and being pre-compressed so as to limit its working range to one in which the spring force exerted while yieldingly supporting the load is not less than a selected multiple of the spring constant.

22,981

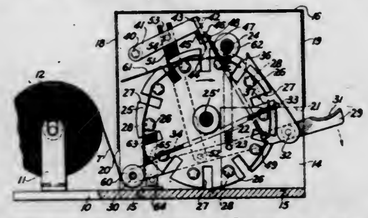
AUTOMATIC TAPE DISPENSER AND CUTTER

Harold L. Fitch, Rochester, N. Y., assignor, by mesne assignments, to Better Packages Inc., Shelton, Conn., a corporation of New York

Original No. 2,298,360, dated October 13, 1942, Serial No. 273,089, May 11, 1939. Application for reissue September 17, 1943, Serial No. 502,833

19 Claims. (Cl. 164—48)

1. A tape dispenser for a sticky surfaced tape comprising, means for rotatably supporting a supply roll of tape, a movable shearing member, means for pulling said tape in a strip from said roll and adapted to carry said tape in strip form past said shearing member where it is cut into short lengths, and adapted to deliver said short lengths to a position for removal from said dispenser, said means including a movable feeding plate, spaced members on said plate, means for directing said tape toward said members so that the sticky surface thereof is pressed into adhesive contact with the same, and which adhesive contact connects the tape to said members, means for intermittently advancing said feeding plate whereby the tape supported by said spaced members is moved horizontally past said shearing member, and means for intermittently operating said shearing member whereby the same is adapted to cut the tape between said spaced members, said shearing member operating means associated with said advancing means for said feeding plate, whereby it is automatically operated in timed relation with operation of said feeding plate advancing means.



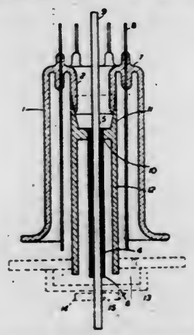
22,982

MECHANICAL ADJUSTMENT OF ELEMENTS MOUNTED INSIDE VACUUM TUBES

Christopher Henry Foulkes, London, England, assignor to Standard Telephones and Cables Limited, London, England, a British company

Original No. 2,368,821, dated February 6, 1945, Serial No. 498,802, August 16, 1943. Application for reissue February 5, 1947, Serial No. 726,714. In Great Britain November 26, 1942

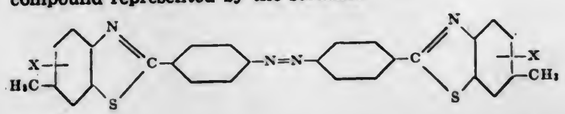
7 Claims. (Cl. 250—27.5)



1. A sealed electronic tube having a glass stem portion, a rotatably adjustable sealed mounting for adjusting the position of an element coupled to said mounting within said tube comprising a flexible metal member having a sealed connection to the stem portion and a solid adjusting member extending through and sealed to the flexible member adjacent the outer end thereof, the flexible metal member having a thin circumferential wall portion torsionally deformable by rotation of the adjusting member to provide rotary adjustment of the mounting.

22,983
MANUFACTURE OF DYESTUFFS
Norman Hulton Haddock, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Original No. 2,368,658, dated February 6, 1945, Serial No. 443,670, May 19, 1942. Application for reissue September 17, 1947, Serial No. 774,663. In Great Britain May 23, 1941
8 Claims. (Cl. 260—127)

1. A sulfur dye made by heating a symmetrical compound represented by the formula



in which X is one of a group consisting of thiocyano and alkali-metal alkyl-xanthato, with sodium sulfide and water in an inert liquid organic solvent until the corresponding di-mercapto compound is formed, removing the solvent and adding an oxidizing agent until the corresponding polydisulfide is formed.

PLANT PATENTS

GRANTED MARCH 9, 1948

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

787
NECTARINE PLANT
Herbert C. Swim, Ontario, Calif., assignor to Armstrong Nurseries, Inc., Ontario, Calif., a corporation of California
Application December 30, 1946, Serial No. 719,183
1 Claim. (Cl. 47—62)

A new and distinct variety of nectarine plant characterized as to novelty by the red coloring of the yellow flesh of the fruit particularly about the pit; the rich flavor of the fruit; the intense all-over red color of the crispy thin skin; the early blooming habit of the tree and showy character of the blooms due both to the large quantity and large size of the same; its great resistance to delayed dormancy and consequent heavy productivity in Southern California and in other peach growing sections with similar climate, substantially as shown and described.

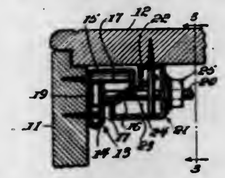
788
ROSE PLANT
John H. van Barneveld, Puente, Calif., assignor to The Conard-Pyle Company, West Grove, Pa., a corporation of Pennsylvania
Application February 28, 1947, Serial No. 731,441
1 Claim. (Cl. 47—61)

A new and distinct variety of rose plant, having a similarity to its parent in respect to its leathery and deep green foliage, and urn shape and distinctive coloring of its bud and flower, but distinguished therefrom by its strong and vigorous climbing habit, substantially as shown and described.

PATENTS

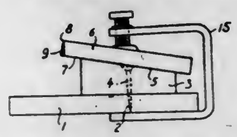
GRANTED MARCH 9, 1948

2,437,235
CORNER ASSEMBLY AND FASTENING MEANS FOR KNOCKDOWN COUNTERS AND THE LIKE
John Aksten, Minneapolis, Minn.
Application August 17, 1944, Serial No. 549,922
6 Claims. (Cl. 312—145)



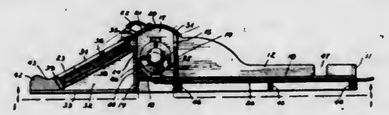
3. A knockdown store counter corner assembly of the class described comprising a counter part adapted for vertical disposition, the upper end thereof being rabbeted, a corner fastening rail secured to an inner face of said part in close proximity to and extending longitudinally with the rabbeted edge, a second counter part disposed at right angles to the first named part and having its edge portion rabbeted, the rabbeted edges of the respective parts being adjoined in a scarf-joint, a second rail connected to the underside of said second named part and disposed alongside of said first named rail, adjacent portions of the respective rails being provided with inclined abutments and said abutments being disposed in overlapping and interfitting relationship, and bolts secured in and fastening said rails together in assembled relationship, said bolts being disposed at right angles to the longitudinal dimensions of the respective rails so that when tightened, the abutments produce a slack take-up and clamping action.

2,437,236
APPARATUS FOR CUTTING THE BEVEL ON HULL PLANKING
Bjarne Aas, Fredrikstad, Norway; vested in the Attorney General of the United States
Application February 24, 1939, Serial No. 258,310
In Norway November 12, 1938
4 Claims. (Cl. 9—6)



1. In the manufacture of vessels such as sailing-boats where a sheathing of wooden planks or boards are mounted edge to edge on ribs forming the skeleton of the boat and where these planks first are shaped to suitable taper according to the varying outside distance from the edge of the boat to its keel at each point along its length, a method for shaping the edge of the planks with such an angle at any point to its plane surface at this point that it when twisted in shape on the said skeleton will abut properly with the meeting edge of the adjacent plank, consisting in the twisting of the plank about its longitudinal axis at each point along its length to the same degree, that each point will be twisted, when twisted and bent in place on the boat, holding the plank in this twisted position on a working bench, and planing the edge of the plank so held by means of a planing tool, the working edge of which being made to pass along the said edge without changing its angular position with reference to said working bench.

2,437,237
COMBINATION ILLUMINATED TELEPHONE STAND AND MEMO PAD AND PENCIL
Sol J. Beitch and Samuel Fine, Brooklyn, N. Y.
Application November 30, 1945, Serial No. 631,836
1 Claim. (Cl. 240—2.17)



A combined telephone stand, night light, memorandum pad holder and writing instrument receptacle comprising a base for said telephone, a back and sides for said base preventing said telephone from shifting from said base, an upright wall at the front of said base, said upright wall having an opening at the top thereof, strengthening transverse members for said base having openings therein for electric wires, a central compartment, said compartment having a removable base, opposed walls, a top, transverse openings in said top, an electric socket attached to said base, an electric bulb for said socket, an electric switch for turning said bulb on and off, electric lead wires from said switch to said socket, electric wires from said socket to a source of current, a reflector attached to said top above one of said openings for reflecting the rays from said bulb downward, a storage compartment comprising a perforated wall, a base and a hingeable top, said top having a shallow storage compartment for memo sheets, an opening in said top to provide light upon said memo sheets and for withdrawing same, a front grooved member for receiving a writing implement, whereby when said switch is turned on said bulb will act as a night light and cast its rays upward upon the dial of the telephone and downward upon said hingeable top to provide illumination for writing.

2,437,238
LIFTER ROOF
Harry C. Boardman, Chicago, Ill., assignor to Chicago Bridge & Iron Company, a corporation of Illinois
Application October 6, 1945, Serial No. 620,696
5 Claims. (Cl. 48—178)

1. A storage vessel including side walls and a bottom, a lifter roof of greater diameter than the

side walls, a metallic annulus having a minimum diameter slightly greater than the side walls of the vessel and a maximum diameter slightly less than the roof, a flexible fabric sealing ring of low tensile strength connecting the inside of the annulus to the upper portion of the side walls, a flexible fabric sealing ring of low tensile strength connecting the outside of the annulus to the roof



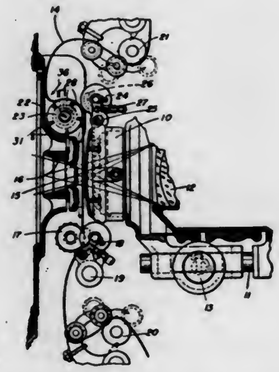
near its bottom and tension members shorter than the width of the fabric ring connecting the side walls with the annulus and similar tension members shorter than the outer fabric ring connecting the annulus and the roof.

2,437,239

FILM REGISTRY MEANS FOR MOTION-PICTURE PROJECTORS

Ewald Boecking, Great Kills, N. Y., assignor to Manufacturers Machine & Tool Co., Inc., Mount Vernon, N. Y., a corporation of New York

Application April 12, 1945, Serial No. 587,943
3 Claims. (Cl. 88—17)



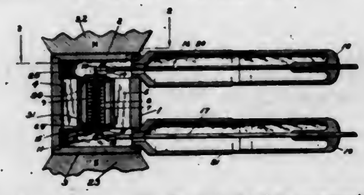
1. An intermittent motion picture projector having a retractable curved film gate with the usual projection aperture, and an intermittent sprocket below the film gate, in combination with a hold-back roller above and mounted separately from the gate a fixed distance above the sprocket, said roller having a casing with one or more slots therethrough over which the film can pass in a straight line to the sprocket without touching the gate when the gate is retracted, a light source inside said casing to project light through said openings, the distance from the casing to the sprocket being such when the gate is retracted that the film is in register with one of the openings when the film is properly meshed with the teeth of the sprocket, the aperture in the curved film gate being so located that it is in register with the film when the gate is closed.

2,437,240

SPACE DISCHARGE DEVICE

William C. Brown, Watertown, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware

Application June 7, 1943, Serial No. 490,110
3 Claims. (Cl. 250—27.5)



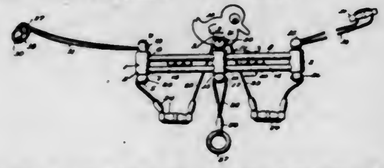
1. An electron discharge device comprising a cathode and an anode having a plurality of electron-receiving face portions adjacent said cathode with a cavity resonator between each pair of electron-receiving portions, and a trough-shaped electrical conductor connected to said cathode, said conductor having an arm of relatively extended surface area supported closely adjacent to and substantially parallel with said electron-receiving face portions.

2,437,241

TOY GYMNASIUM FOR BABY CRIBS

Leslie H. Burlin, Valparaiso, Ind., assignor to Milton L. Sturm, Evanston, Ill., doing business as Milton Sturm & Company, Chicago, Ill.

Application December 10, 1945, Serial No. 633,973
7 Claims. (Cl. 272—61)



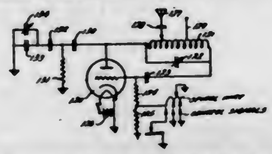
4. In a combination toy and exerciser, a rail member, means for detachably securing said rail member to a crib, an animated figure pivotally secured to said rail member, cords secured to said figure on opposite sides of the pivot, handles secured to said cords, said handles being operative to move said figure around its pivot point.

2,437,242

TELEMETERING TRANSMITTER

Robert A. Cole, Moline, Ill., and Donald I. Smith, Vincent, Ohio

Application April 29, 1946, Serial No. 665,710
6 Claims. (Cl. 177—380)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a telemetering system, a radio transmitter, a monotone generator, means for modulating the carrier wave transmitted by the transmitter by the tone generator, a rotary switch of the drum type adapted to key the output wave generated by said transmitter said switch comprising a

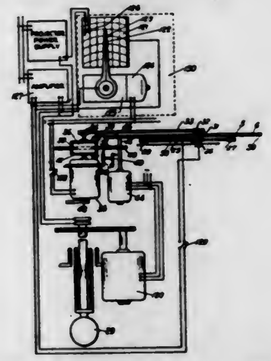
non-conducting cylinder, a conductive helix disposed on the cylindrical surface thereof, a surrounding non-conducting cylinder for said drum having a plurality of circumferentially incomplete passages longitudinally disposed therethrough, slidable contacts arranged in said passages and in contact with the outer cylindrical surface of said drum, means for individually varying the position of said contacts longitudinally along the surface of the drum in accordance with conditions to be telemetered, a motor arranged to drive said rotary switch, a shaft for said motor, said switch and said generator being mounted thereon to rotate at the same speed.

2,437,243

PLOTTING AND COMPUTING DEVICE

Richard P. Curtis, Marblehead, Mass., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass., a corporation of Delaware

Application January 28, 1942, Serial No. 428,592
13 Claims. (Cl. 234—26)



1. In a system for tracking and computing the course of an object from an observing craft, means for recording the distance and direction of the object from the observing craft on a recording paper comprising a stylus-carrying bar, means rotatably mounting said bar for rotating the same about a point on said paper, a plurality of sprocket wheels and a belt mounted on said arm, one of said sprocket wheels being mounted at the axis of rotation of said bar, stylus means carried by said sprocket belt and means driving said sprocket wheel at the axis of said bar at a rate whereby said stylus means moves over said recording paper amounts corresponding to the distance of the observed object from said axis and means for moving said recording paper at a rate corresponding to the rate of movement of the observing craft.

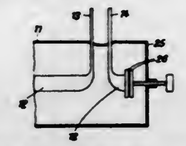
2,437,244

JUNCTION BETWEEN CONCENTRIC AND PARALLEL CONDUCTOR SYSTEMS

Walter Dällenbach, Berlin W. 35, Germany; vested in the Attorney General of the United States

Application June 25, 1941, Serial No. 399,706
In Germany July 11, 1940
1 Claim. (Cl. 178—44)

An arrangement for ultra short waves, for transition of energy of a concentric energy system to a parallel Lecher-system, the combination with said Lecher-system, of concentric inner and outer conductors of the concentric energy system, the inner conductor being interrupted, the free ends of the inner conductor at the interruption point being led through an opening in the outer conductor to the outside of the concentric system,



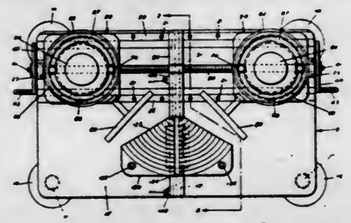
the parallel Lecher-system being connected to the free ends of the inner conductor, and variable capacitance means connected between said inner and outer conductors of said concentric system.

2,437,245

ABRADING MACHINE

William De Young, Hawthorne, and Eric C. Weathered, Jersey City, N. J.

Application June 7, 1945, Serial No. 598,185
6 Claims. (Cl. 51—114)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



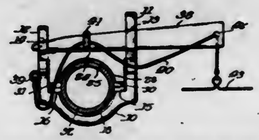
3. An abrading machine comprising a support, a first rail mounted on said support, an aperture in said rail, a bushing mounted in said rail, bearings on said support, lead screws mounted in said bearings and carried in said bushing, a slide rail on said support passing through said rail aperture, a plurality of motor stands, means to rotate said lead screws whereby said motor stands are moved on said slide rail, channels in said motor stands, motors carried on motor base-plates mounted on said motor stands, means to secure said motor base-plates in the channels of said motor stands, a housing on said first rail, means to vary the position of said housing, means to limit the movement of said housing, and a work support on said housing.

2,437,246

FLEXIBLE PIPE COUPLING

William S. Drinkwater, Chicago, Ill., assignor, by mesne assignments, to Drinkwater, Inc., Waukegan, Ill., a corporation of Illinois

Application February 14, 1945, Serial No. 577,797
7 Claims. (Cl. 285—194)



1. In a pipe coupling the combination of cooperating clamping sections interfitted with each

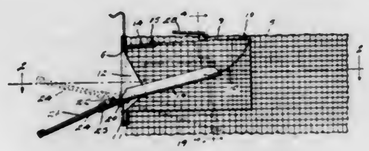
other, sealing members secured to each of said clamping sections, one of said clamping sections having ears with openings therein, between which ears the other clamping member extends, a key adapted to extend through the openings in the said ears, and a flexible member secured to one of the clamping sections and movably connected with the other clamping section and the key.

2,437,247
SPECIFIC GRAVITY INDICATOR
Kermit Fischer, Bridge Valley, Pa.
Application May 15, 1944, Serial No. 535,627
7 Claims. (Cl. 73—33)



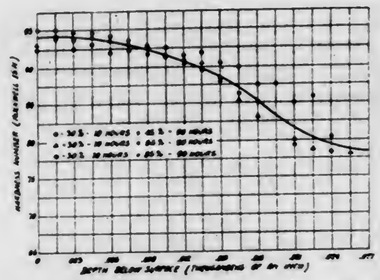
3. A device for determining the specific gravity of a moving fluid which comprises a downwardly-tapered metering tube adapted for upward flow of fluid therethrough, a metering float having a flow-constricting head-portion disposed within said tube and adapted for up-and-down movement therewithin responsive to variations in fluid rate-of-flow, said float being relatively insensitive to variations in fluid specific gravity and a second metering float disposed within said tube above the head-portion of said first-mentioned float, said second float being sensitive to variations in both rate-of-flow and specific gravity, said tube being provided with a plurality of circumferentially-spaced inwardly-protruding axially-extending beads providing parallel line-contacts for float guidance.

2,437,248
RATTRAP
Arthur C. Fleig, Orange, Tex.
Application September 6, 1945, Serial No. 614,634
4 Claims. (Cl. 43—69)



1. An animal trap of the class described comprising an enclosure having an entrance opening, a platform pivoted at the lower edge of the opening and projecting into the enclosure, a counterbalancing ramp pivoted to the outer end of the platform and adapted to normally maintain the platform in a raised position, said ramp being movable into a position for closing said opening, and catch means for securing the ramp in its closed position.

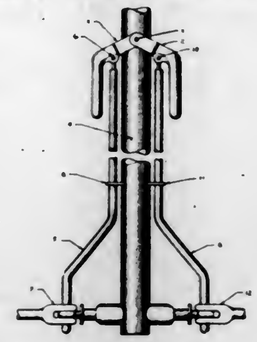
2,437,249
METHOD OF NITRIDING
Carl F. Floe, Belmont, Mass., assignor to The Nitralloy Corporation, a corporation of Delaware
Application April 17, 1946, Serial No. 662,686
11 Claims. (Cl. 148—16.6)



1. The improvement in the nitriding of ferrous metal which comprises treating the metal in a batch or discontinuous operation and while heated to a temperature within the nitride hardening temperature range, with a dry gaseous mixture of ammonia and the dissociation products thereof having an ammonia dissociation value within the range which insures rapid formation on the exposed surfaces of said metal of a nitride layer showing a white appearance when subjected to a nital etch, continuing such treatment with a dry gaseous mixture of ammonia and its dissociation products having an ammonia dissociation value kept solely within the range aforesaid until a thin continuous white layer has been formed, thereupon subjecting the metal to a further nitriding treatment with an ammonia gas mixture containing a relatively high percentage of dissociated ammonia sufficient substantially to arrest any further tendency for formation of said white layer but less than that at which objectionable de-nitriding will take place, and continuing such latter treatment until a case of the desired depth hardness has been produced.

2,437,250
MEANS FOR SELECTIVE DISCONNECTION OF AILERON CONTROLS
Robert Ambrose Flynn, United States Navy
Application June 5, 1944, Serial No. 538,797
4 Claims. (Cl. 244—83)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

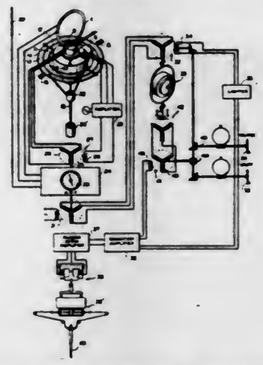
1. In an airplane control system, a control stick having one set of conventional control connections, said control connections including aileron control connections having a pair of clevis pin joints therein at opposite sides of said control stick respectively, means on said control stick, having a link connected to the pin of each clevis pin joint, for selectively pulling out the clevis pin from either one of said pair of clevis pin joints in case of jamming of the corresponding



control connection, to release the stick for actuation of the remaining control connections.

2,437,251
STABILIZED RADIO DIRECTION FINDER AND HOMING DEVICE
Carl A. Frische, Great Neck, Thomas M. Ferrill, Jr., Hempstead, and John M. Slater, Garden City, N. Y., assignors to The Sperry Corporation, a corporation of Delaware
Application August 21, 1943, Serial No. 499,468
12 Claims. (Cl. 250—11)

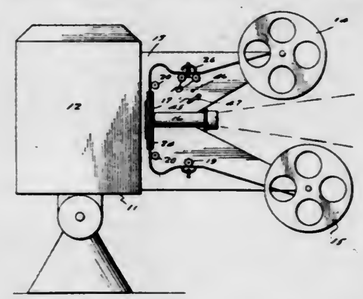
1. In a radio direction finder for a movable craft, a universally mounted rotatable direction responsive antenna, a gimbal mounting therefor, and gyroscopic means for maintaining the axis of rotation of said antenna vertical during rolling and pitching of the craft.



8. A universal mounting for supporting a body with respect to a base, comprising a first gimbal ring mounted in journals fixed to said base for movement about a first journal axis, a yoke pivotally connected to said first gimbal ring through journals along a second journal axis substantially perpendicular to said first journal axis, a second gimbal ring also journaled for freedom relative to said first gimbal ring about said second journal axis, a universally movable body pivotally supported through journals in said second gimbal ring along an axis substantially perpendicular to said second journal axis, and means flexibly coupled to said yoke and also flexibly coupled to said base and said universally movable body for constraining said first gimbal ring to rotate about said first journal axis through a predetermined extent relative to the extent of rotation of said universally mounted body about said journals in said second gimbal ring.

2,437,252
MOVIE PROJECTOR CONTROL DEVICE
George K. Gould, Brooklyn, N. Y.
Application November 30, 1945, Serial No. 631,914
1 Claim. (Cl. 88—17)

In a motion picture projector, a first reel, a second reel, a film gate, means for supporting



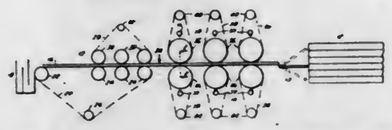
a film in projection position with respect to said film gate as it is being unwound from said first reel onto said second reel, a rewinding motor adapted to rewind said film from the second reel onto the first reel, a projection lamp for the projector, guide means for holding said film against said supporting means during the unwinding of the film, the film being cut away at its side portion adjacent the end of the reel being unwound, a member normally supported on said side portion, a detent lug carried by said member, an element including a cam and a handle device rotatively mounted with respect to said detent lug, a spring biasing said element to a first position, said cam being adapted to lift said member above the level of the film responsive to manual rotation of said element by said handle device against the tension of said spring, a stop lug carried by said element normally cooperating with said detent lug to maintain said element in a rotated position, said stop lug being formed and arranged to clear said detent lug during the coaction of said cam with said member, means responsive to the dropping of said member through the cut-away side portion of the film to disengage said detent lug from said stop lug whereby to release said element, and means responsive to the return of said element to its first position for simultaneously de-energizing said projection lamp, moving said guide means out of holding position with respect to the film and energizing said rewinding motor.

2,437,253
DETERGENT COMPOSITION
Lloyd F. Henderson and Bernard L. Maxwell, Reading, Mass., assignors to Lever Brothers Company, a corporation of Maine
No Drawing. Application January 8, 1940, Serial No. 312,842
4 Claims. (Cl. 252—109)

1. In a process of removing soil from an article by washing with water, the steps comprising add-

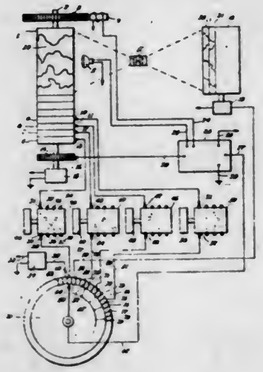
ing to said water a water soluble alkaline earth compound to impart a hardness of approximately the equivalent of 300 parts per million to said water, adding a water-soluble compound that forms a water-insoluble precipitate with the alkaline earth compound, and maintaining said precipitate in an insoluble but dispersed condition by the presence in said solution of a water soluble phosphate having a negative valency of at least 4.

2,437,254
DRUM DRIER FOR SHEET MATERIAL
John Stanley Hill, Laurel, Miss., assignor to Masonite Corporation, Laurel, Miss., a corporation of Delaware
Application July 30, 1943, Serial No. 496,803
4 Claims. (Cl. 34—116)



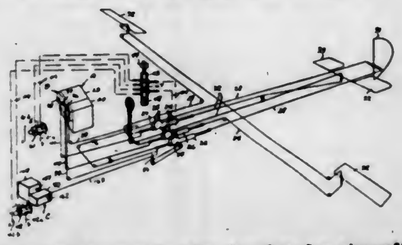
1. An apparatus for removing liquids from sheets of fibrous material, which comprises opposed rotatable heated pressing rolls between which the sheets are passed, a rotatable idler roll spaced from each pressing roll, an endless belt extending around each pressing roll and around its associated idler roll, said endless belts consisting of foraminous sheets of low heat conductivity and wire screens, the screens being in contact with the heated rolls and the foraminous sheets in contact with the sheet of fibrous material.

2,437,255
GRAPHIC PRIVACY SYSTEM
John V. L. Hogan, Forest Hills, and Hugh C. Reasler, Bayside, N. Y., assignors to Faximile, Inc., New York, N. Y., a corporation of Delaware
Application June 4, 1943, Serial No. 489,654
7 Claims. (Cl. 35—4)



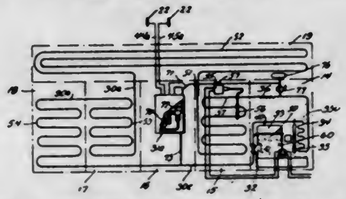
1. In an enciphering device for graphic material privacy, the combination of, means for reproducing the original graphic material in strips mixed in a predetermined manner, and means for determining the order of mixing to form an enciphered copy.

2,437,256
AUXILIARY CONTROL MECHANISM FOR AUTOMATIC PILOT
Pliny G. Holt, United States Navy
Application November 20, 1942, Serial No. 466,301
7 Claims. (Cl. 244—76)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In an automatic pilot bomber for aircraft, a rudder operating means, an aileron operating means, a gyroscopic means for controlling said rudder operating means, a gyroscopic means for controlling said aileron operating means, a follow-up connection between said rudder operating means and said rudder controlling gyroscopic means, means responsive to operation of said rudder operating means for influencing said aileron controlling means whereby the amount of bank is correlated with the rudder displacement of the aircraft, an auxiliary mechanism for controlling said rudder operating means, a follow-up connection between said rudder operating means and said auxiliary mechanism, a bombsight, means connecting said auxiliary mechanism to said bombsight, said auxiliary mechanism, rudder operating means and gyroscopic rudder control means responsive to changes in the direction setting of said bombsight.

2,437,257
REFRIGERATOR AND MEANS FOR MAINTAINING THE COMPARTMENTS THEREOF AT DIFFERENT TEMPERATURES
Herman K. Johnson, Grand Haven, Mich., assignor to The Bastian-Blessing Company, Chicago, Ill., a corporation of Illinois
Application April 2, 1945, Serial No. 586,240
7 Claims. (Cl. 62—7)



1. In a refrigerating apparatus, a plurality of cooling compartments, an expansion coil in each compartment, compressor and condenser mechanism for supplying a refrigerant to said coils, valveless passages connecting said coils in series with said mechanism, said passages having at least two sections in which the internal diameters thereof are restricted to function as expansion valves, each restrictor being anterior to at least two expansion coils in the direction of flow of the refrigerant, the lengths and internal diameters of the coils being such that one of the compartments after the first restrictor will be maintained at a higher temperature than the first compartment and the other compartment, thermo-sensitive means in the second compartment after one of the restrictors for controlling the amount of refrigerant flowing through said coils in a given time, a thermostatically controlled water cooler connected in parallel with said passages across the compressor and condenser mechanism including a check valve proximate to the inlet of the expansion coil of the water cooler, and a reservoir for refrigerant connected to the water cooler refrigerant line between said check valve and expansion coil of the water cooler.

2,437,258
ISOPRENE ESTERS
Franklin D. Jones, Llanerch, Pa., assignor to American Chemical Paint Company, Ambler, Pa., a corporation of Delaware
No Drawing. Application March 5, 1943, Serial No. 478,123
4 Claims. (Cl. 260—469)

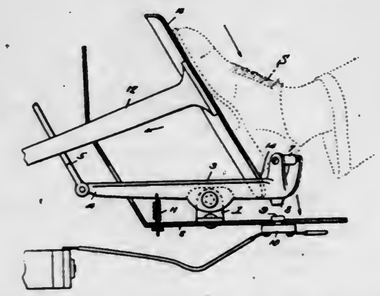
1. The isoprene ester of an acid selected from the group of plant hormone acids consisting of naphthyl acetic acid, indole acetic acid, naphthoxy acetic acid, dichlorphenoxy acetic acid, 2-methyl naphthyl 1-acetic acid, 4-methyl naphthyl 1-acetic acid, 1,2,3,4-tetrahydronaphthyl 6-acetic acid acid (also known as 5,6,7,8-tetrahydronaphthyl 2-acetic acid), naphthoxy propionic acid, dichlorphenoxy propionic acid, naphthyl butyric acid, indole butyric acid, naphthoxy butyric acid and dichlorphenoxy butyric acid.

2,437,259
METHOD OF FORMING PLATES FOR RUNWAYS IN SPIRAL CHUTES AND THE LIKE
Frederick Kauts, Philadelphia, Pa.
Application March 20, 1943, Serial No. 479,945
19 Claims. (Cl. 29—148)



1. The process of forming a sectional unit in the runway of a chute conveyor of the tortuous kind or the like, consisting in preparing plates of tapered shape, arranging said plates in units and forming said units so as to acquire the contour of said runway with the aid of an apparatus having a base in which two opposite planes corresponding to the outer and inner grades of the assembled chute conveyor respectively and said apparatus further having retaining means at spaced portions and a pressure device operable upon said base, and said respective steps of arranging and forming said units, comprising placing said tapered plates upon said base in reciprocal relation to each other with respective edge portions thereof in mutual adjacency, and attaching respective peripheral ends of said plates lying at the outer and inner curve in the assembled chute conveyor to said spaced portions with said retaining means thereby disposing said plates in the plane of said outer and inner grade respectively, depressing the material of said plates lying inwardly from said spaced portions by operating said pressure device thereupon so as to cause a movement of said edge portions in the direction of the pressure combined simultaneously with a reciprocal and gradual turn of the planes of the plates between said peripheral ends and effect a gradual equilibrium in the material between said respective grades, and completing said unit by securing adjacent edge portions of said plates to each other.

2,437,260
AUTOMOBILE CONTROL MECHANISM
Sergius T. Kobernick, Upper Darby, Pa.
Application November 8, 1945, Serial No. 627,392
5 Claims. (Cl. 192—3)

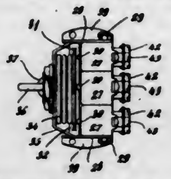


1. The combination of a starter switch, of a spring restrained lever positioned to actuate the switch when said lever is moved at one end from normal position, means for connecting one end of the lever to a carburetor, a brake lever having a foot plate overlying the spring restrained lever, and a foot rest and support carried by the spring restrained lever.

2,437,261
CONDENSATION PRODUCTS OF CHOLESTERYL ESTERS WITH POLYETHYLENE GLYCOL AND PROCESS FOR PRODUCING SAME
Louis L. Lerner, Chicago, Ill., assignor to Consolidated Royal Chemical Corporation, Chicago, Ill., a corporation of Delaware
No Drawing. Application October 9, 1944, Serial No. 557,945
21 Claims. (Cl. 260—397.2)

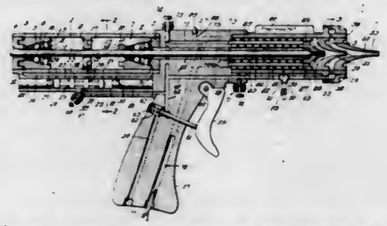
1. The process which comprises chemically condensing the essential ingredients of an anhydrous mixture comprising essentially polyethylene glycol and cholesteryl ester of saturated straight-chain monocarboxylic aliphatic acid having from 12 to 18 inclusive carbon atoms, while effecting elimination of water of condensation generated by chemical action, by heating said mixture containing said ester and said polyethylene glycol to a temperature and for a time substantially to effect the said generation of water, and by removing from the mass the resulting water in the form of vapor.

2,437,262
ELECTRIC HEATER THERMOSTATIC SWITCH CONTROL
Percy B. Levitt, Millburn, and John D. Morgan, South Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y., a corporation of Pennsylvania
Application January 17, 1946, Serial No. 641,675
7 Claims. (Cl. 219—38)



1. Electric heating apparatus comprising a plurality of resistance heating elements arranged in parallel circuit relation, a switch in circuit with each of said elements, each such switch having an actuating button which is adapted by travel of a few thousandths of an inch to open and close its associated circuit, a bridge element overlying all of said buttons and a thermostatic member responding to the delivery of heat by said elements, said member being operatively connected to said bridge to cause it to engage all of said buttons simultaneously and by continued movement in a given direction to actuate said switches in sequence.

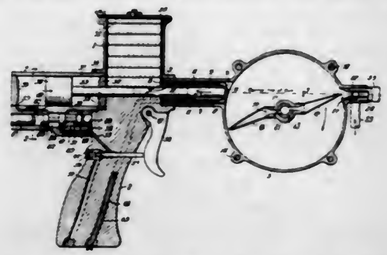
2,437,263
METHOD AND APPARATUS FOR THE PRODUCTION OF FILAMENTS FROM SOLIDS
Fred W. Manning, Palo Alto, Calif.
Application September 29, 1943, Serial No. 504,525
11 Claims. (Cl. 18—8)



1. The method of producing filaments of substantial strength from a thermoplastic material comprising: feeding the said material in a solid rod of uniform cross-section into a reducing zone; subjecting the said material to heat and pressure in the said zone to reduce the material to a fluid condition; alternating the said fluid material into a plurality of filaments by pressure of the oncoming solid rod; and stretching and conveying the said filaments by a blast of elastic fluid.

2,437,264
MAGAZINE SPINNING GUN FOR THE PRODUCTION OF FILAMENTS AND FABRICS
Fred W. Manning, Palo Alto, Calif.
Application September 18, 1944, Serial No. 554,711
27 Claims. (Cl. 154—101)

1. The method of making a non-woven fabric from a fluid plastic comprising: disrupting the said plastic into finely divided portions; positively pulling the said portions a predetermined amount to produce a plurality of stretch-oriented filaments of substantial length; propelling the said filaments by force of a fluid stream to deposit the filaments; and maintaining the said filaments during the said fluid propulsion in a sufficiently adhesive condition to adhere to one another upon deposition.

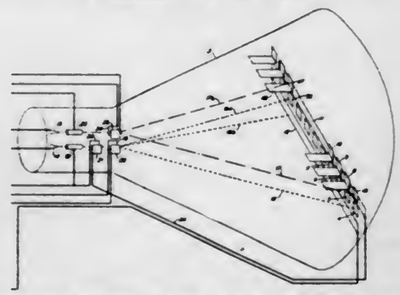


2,437,265
TAMPON, SANITARY NAPKIN, SURGICAL DRESSING, INSULATING MATERIAL, FILTER CARTRIDGE, UPHOLSTERY, AND THE LIKE
Fred W. Manning, Palo Alto, Calif.
Application December 10, 1943, Serial No. 513,787
4 Claims. (Cl. 154—54)



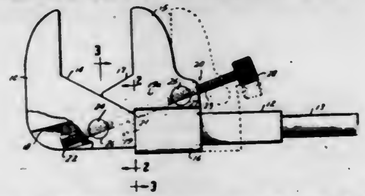
3. An article comprising a web of non-binder fibres enclosed within a continuous web of promiscuously intersecting, stretch-oriented, binder fibres, the two said webs being bonded together by the adhesive character of the binder fibres.

2,437,266
TRANSLATING DEVICE
Warren A. Marrison, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application September 20, 1945, Serial No. 617,632
7 Claims. (Cl. 177—353)



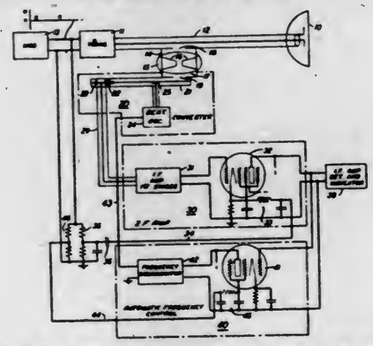
1. The combination in a translating device of a plurality of primary electrodes, means for producing a beam of energy for incidence upon said electrodes, a plurality of secondary electrodes, means for producing a second beam of energy for incidence upon said secondary electrodes, separate and mutually independent means for deflecting said first and second beams over said primary and secondary electrodes respectively, and means effective when a predetermined relation is established between the positions of said beams on said electrodes for causing a coactive displacement of one beam with respect to the other, and signaling means electrically connected to said device and rendered operative by said displaced beam.

2,437,267
SLIDING JAW WRENCH WITH OPPOSITELY THREADED SCREW ADJUSTMENT
Thomas L. Mayrath, Dodge City, Kans.
Application May 15, 1946, Serial No. 669,773
3 Claims. (Cl. 81—163)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



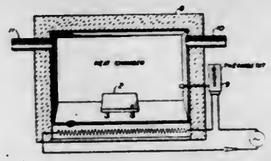
1. An adjustable wrench comprising a fixed jaw, a shank integral therewith, a movable jaw, a collar associated therewith, said collar slidably fitting said shank, said shank being perforated by an inclined slot and the movable jaw being also perforated by a slot of similar incline so as to be registrable with the first, a trunnion nut mounted across each of said slots, and an adjusting screw threadedly mounted through both trunnion nuts, said screw having two oppositely threaded sections whereby said screw upon rotation partially rotates said trunnion nuts and moves the collar and associated jaw along the length of said shank.

2,437,268
INTERMITTENTLY OPERATING AUTOMATIC FREQUENCY CONTROL
Stewart E. Miller, Jackson Heights, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application October 11, 1944, Serial No. 558,249
9 Claims. (Cl. 250—13)



1. In a pulse transmitting and receiving system employing a duplexing unit operated by the transmitted pulses to reduce the input to the receiver during transmission, means for producing a control pulse at the beginning of the transmitted pulse and of shorter duration, means responsive to said control pulses for blocking the receiver, a normally inoperative automatic frequency control responsive to the receiver output, and means for rendering said automatic frequency control operative during each transmitted pulse.

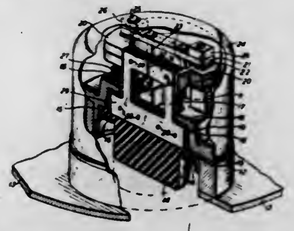
2,437,269
TRANSLATING DEVICE AND METHOD OF MAKING IT
Russell S. Ohl, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application April 10, 1944, Serial No. 530,419
12 Claims. (Cl. 175—366)



1. The method of making a translating device for electric waves of high frequency which comprises forming a crystalline body of silicon having definite electrical characteristics and heat-treating said body to form on the surface thereof a layer having electrical characteristics which differ from those of the remaining part of said body.

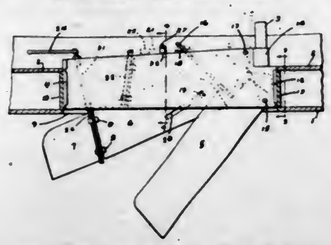
11. A translator for ultra-high frequency electric waves including a body of silicon containing impurities and having a thin integral layer of high electrical impedance at the surface thereof, and a fine conducting element making a point contact with said surface layer.

2,437,270
MAGNETOSTRICTIVE COMPRESSIONAL WAVE TRANSMITTER OR RECEIVER
Robert L. Peek, Jr., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application November 5, 1943, Serial No. 509,085
8 Claims. (Cl. 177—386)



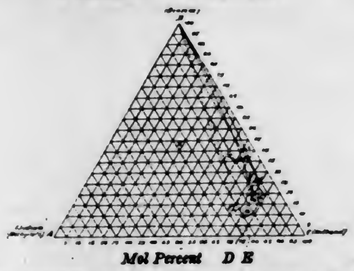
1. A magnetostrictive device comprising a core defining a magnetic loop and having therein a portion of greater reluctance than the remainder of the loop and a magnetostrictive portion separate from said first portion, a signal coil electromagnetically coupled to said loop, means mounting said core for substantially free vibration, and a permanent magnet having its poles opposite the ends of said first portion.

2,437,271
CENTERBOARD INSTALLATION
Henry Weston Rice, East Boothbay, Maine
Application January 11, 1946, Serial No. 640,585
4 Claims. (Cl. 114—128)



1. In combination, a centerboard box, means for removably securing same in the hull of a boat, a centerboard pivotally secured at its forward end in said box, a rudder skeg contained in said box in parallel relation to said centerboard, a rudder hinged to the after end of said skeg and provided with a sectional rudder stock, and means for pivotally mounting the fore end of the skeg in the box and arranged to allow a fore and aft sliding movement to said skeg.

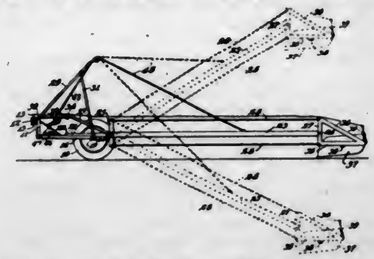
2,437,272
PROCESS FOR THE PRODUCTION OF ALKALI METAL METHYLATES
Richard Sewall Robinson, Gloucester, Mass., assignor to Allied Chemical & Dye Corporation, a corporation of New York
Application March 9, 1944, Serial No. 525,687
8 Claims. (Cl. 260—632)



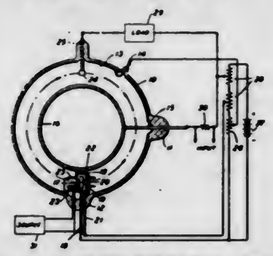
3. A process for the manufacture of alkali metal methylates which comprises reacting an alkali metal amalgam with methanol in the presence of an aryl azo compound, the amount of methanol being in excess of that theoretically required for the reaction, and the proportions of reactants and solvents being such that a homogeneous reaction mixture is produced containing at least 5 mol percent sodium methylate, adding an amount of an aromatic hydrocarbon solvent to the reaction mixture sufficient to cause the formation of two layers, one comprising a solution of the methylate in the excess methanol and the other a solution of the aryl hydrazo compound corresponding to the aryl azo compound used in the hydrocarbon solvent, and separating said layers.

2,437,273
DRAINAGE DITCH EQUIPMENT
Nicholas J. Schuster, Easton, Minn.
Application February 28, 1945, Serial No. 580,115
3 Claims. (Cl. 212—59)

1. In a device of the class described, a relatively stationary frame having means for attaching the same to a tractor or the like, an elongated boom connected to said frame for vertical and horizontal movement relative thereto, boom elevating means connected to said frame for movement vertically relative thereto, an under carriage connected to said frame for movement vertically relative thereto, and a supporting connection between said under carriage and said boom elevating means.

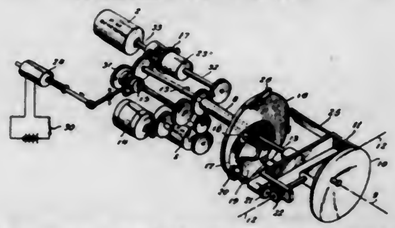


2,437,274
ELECTRON DISCHARGE APPARATUS
Albert M. Skellett, Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application July 6, 1944, Serial No. 543,639
9 Claims. (Cl. 315—5)



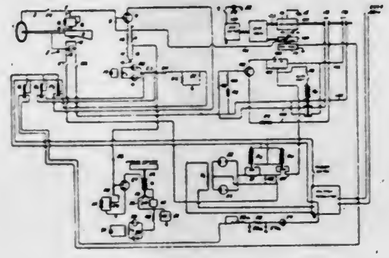
1. Electron discharge apparatus comprising a source of electrons, an electron receiving electrode, and a pair of concentric spherical electrodes, said source and said electron receiving electrode being mounted at substantially diametrically opposite regions between said spherical electrodes.

2,437,275
SCANNING REFERENCE GENERATOR
Matthew Skene, Hempstead, and Charles H. Gulles, Garden City, N. Y., assignors to The Sperry Corporation, a corporation of Delaware
Application July 27, 1946, Serial No. 686,710
22 Claims. (Cl. 177—351)



1. Apparatus for indicating the instantaneous angular position of a member, which member is adapted to rotate about a first axis and oscillate about a second axis perpendicular to and rotating with said first axis, comprising an indicator having an indicating beam, means for generating signals including frequencies greater and less than the frequency of said rotation by the frequency of said oscillation, and means for deflecting said beam in response to said signals.

2,437,276
HANGFIRE RECORDER
Herschel Smith and James V. Dunham, Southampton, Pa., and Norman K. Turnbull, Pitman, N. J.
Application August 26, 1941, Serial No. 408,334
22 Claims. (Cl. 234—36.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



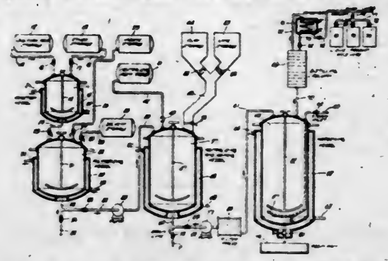
1. In a system for measuring the characteristics of ammunition propelled from a firearm, electric means for actuating the firing means of the firearm, a recorder having a rotatable drum, a plurality of electric switches, means for actuating said switches in timed relation to the rotation of the recorder, electric means responsive to the presence of the propellent gases from the ammunition for producing indicia on the recorder, and electric means responsive to the actuation of the switches for energizing and deenergizing said first mentioned electric means.

2,437,277
PROCESS FOR THE PRODUCTION OF ERYTHRITOL
Frank J. Soday, Baton Rouge, La., assignor to The United Gas Improvement Company, a corporation of Pennsylvania
No Drawing. Application February 2, 1944, Serial No. 520,826
1 Claim. (Cl. 260—636)

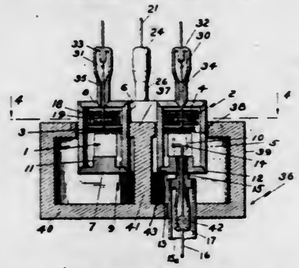
A process for the preparation of erythritol which comprises hydrolyzing a dichloro diacetate of butadiene in the presence of a 5 to 25% aqueous solution of a weak alkali at a temperature in the range of from 110° to 140° C.

2,437,278
POLYMERIZATION OF SUBSTITUTED INDENE
Frank J. Soday, Baton Rouge, La., assignor to The United Gas Improvement Company, a corporation of Pennsylvania
Application February 12, 1944, Serial No. 522,094
6 Claims. (Cl. 260—80)

1. A method of producing resinous polymer from methyl indene which comprises contacting said methyl indene with a catalyst selected from the group consisting of alkyl and aryl acid sulfates at a temperature in the range of 0° to 70° C. in the substantial absence of coumarone.

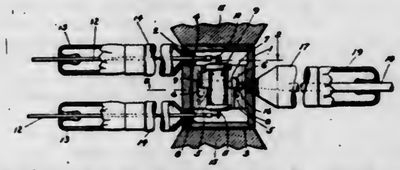


2,437,279
HIGH-POWER MICROWAVE DISCHARGE TUBE
Percy L. Spencer, West Newton, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation
Application September 23, 1942, Serial No. 459,347
11 Claims. (Cl. 315—39)



1. An electrical space discharge device comprising a cathode, an anode, said anode having a plurality of sections having electron receiving surfaces disposed substantially in a plane, said surfaces being spaced from each other, said cathode having an electron emitting surface disposed substantially in a plane substantially parallel to the plane of said electron receiving surfaces, and means adjacent the discharge path between said planes for producing a magnetic field transverse to said discharge path.

2,437,280
ELECTRON DISCHARGE DEVICE OF THE MAGNETRON TYPE
Percy L. Spencer, West Newton, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application November 2, 1943, Serial No. 508,709
8 Claims. (Cl. 315—39)



1. An electron discharge device comprising a cathode, an anode structure, said anode structure

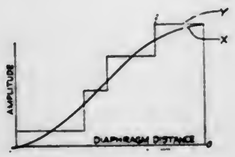
comprising a plurality of anode arm members each having a pair of electron-receiving faces adjacent said cathode, each pair of said faces being interconnected through a path of conducting material in its arm member, said path surrounding an opening in said arm member, said arm members being disposed with said openings substantially in register and defining a resultant path in which a resultant magnetic field is adapted to be set up, and a coupling loop interposed in said resultant path.

2,437,281
HIGH-FREQUENCY RADIANT ENERGY APPARATUS
Gerald Leon Tawney, Hempstead, N. Y., assignor to The Sperry Corporation, a corporation of Delaware
Application July 19, 1944, Serial No. 545,580
22 Claims. (Cl. 250—11)



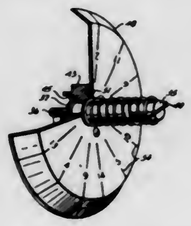
1. The method of scanning a directional radiant energy beam comprising the steps of producing a sequence of time-displaced, pulsed high frequency electromagnetic waves, and radiating said waves with respectively different directivity characteristics, said characteristics having diverging axes of maximum directivity and having partially overlapping directivity patterns.

2,437,282
ELECTROACOUSTICAL TRANSDUCER
Edwin E. Turner, Jr., West Roxbury, Mass., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass., a corporation of Delaware
Application November 18, 1942, Serial No. 466,073
8 Claims. (Cl. 177—386)



1. An oscillator for transmitting or receiving directively high frequency compressional waves comprising a radiating plate having linear dimensions large as compared to the wave length of a compressional wave to be transmitted or received in the propagating medium, means clamping said radiating plate in its periphery and means for vibrating said plate, said means acting over the surface of the same for producing amplitudes at points of the surface of said plate corresponding approximately to the law of lowest natural mode of vibration of the same whereby a directive beam pattern is obtained with an emphasized main lobe and suppressed auxiliary lobes.

2,437,283
CYLINDER FIRING POSITION LOCATOR USED IN ADJUSTING VALVE CLEARANCES
Giles W. Viers, Denton, Tex.
Application March 22, 1945, Serial No. 584,222
3 Claims. (Cl. 116—124)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

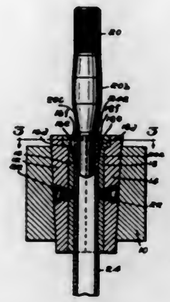


1. An indicating device arranged for mounting on a magneto including a breaker cam shaft which has a threaded portion at the outer end and carries a cam thereon operably connected with a multi-cylinder radial engine to actuate the cam with the engine, said device comprising a dial-like indicator having markings thereon bearing a definite relation to the numbers of the firing order of the cylinders, a centering shaft having an end removably threaded onto said portion of said cam shaft to mount said indicator thereon, projecting means on said centering shaft coacting with corresponding means on the cam to oblige the indicator to rotate with the cam, marking means on the rim of the magneto housing whereby the marking on the indicator may be set for readily locating the firing position of a cylinder, and means on the centering shaft including a spring and swingable means to retain the spring for holding the indicator in its operative position on the magneto and being arranged to facilitate removal of the device from the cam shaft.

2,437,284
ARTIFICIAL RUBBER FROM VINYL RESIN, PHENOL-ALDEHYDE RESIN, AND PLASTICIZER
Benjamin W. Watson, Trenton, N. J.
No Drawing. Application November 22, 1943, Serial No. 511,345
8 Claims. (Cl. 260—34)

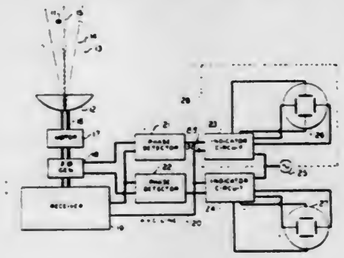
1. The process of preparing a resilient rubber-substitute composition which comprises heating to a reaction temperature of about 135° C. until a gelatinous consistency is obtained a thermosetting partially cured phenol-aldehyde resin and a liquid plasticizer which has a strong solvent action on said resin, and mixing the resulting highly plasticized phenol-aldehyde resin with a polyvinyl resin having an average melting point in excess of 125° C., said polyvinyl resin being selected from the group consisting of polyvinyl chloride and copolymers of vinyl chloride and vinyl acetate, the phenol-aldehyde content of the mixture being between ½% and 15% by weight of the mixture, exclusive of fillers.

2,437,285
MEANS FOR FLARING TUBING
James R. Welshman, Cranston, R. I., assignor to Grinnell Corporation, Providence, R. I., a corporation of Delaware
Application November 11, 1943, Serial No. 509,931
4 Claims. (Cl. 153—79)



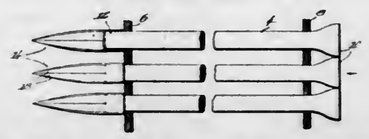
1. Means for flaring tubing comprising a die having a cylindrical wall fitting the normal external wall of the tubing, a conically flared wall for determining the degree of flare of the tubing, and a short cylindrical wall adjacent the large end of said flared wall providing an opening slightly larger than the external dimensions of the tubing; and a plunger for insertion in the tubing having a conically flared surface whose larger end is slightly smaller than the said opening whereby upon the plunger being inserted into the tubing until the said larger end of the flared surface of the plunger is opposite the said short cylindrical wall of the die, the tubing is flared against the flared surface of the die and its wall opposite the said short cylindrical wall of the die is appreciably thinned.

2,437,286
RADAR DEVICE
Marcus K. Witt, Hempstead, N. Y., assignor to The Sperry Corporation, a corporation of Delaware
Application August 17, 1943, Serial No. 498,929
11 Claims. (Cl. 250—160)



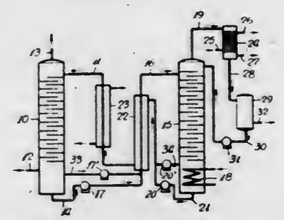
1. In a tracking indicator, means responsive to a signal for producing an angularly movable error indicating line, and means for controlling the visible length of said line to indicate signal strength.

2,437,287
HEAT EXCHANGE APPARATUS
John E. Woods, Brookline, Mass., assignor, by mesne assignments, to Standard-Thomson Corporation, Boston, Mass., a corporation of Delaware
Application December 15, 1943, Serial No. 514,383
2 Claims. (Cl. 257—2)



1. In an aircraft oil cooler having tubes for the flow of cooling fluid therethrough, control devices applied to individual tubes at the rear thereof and having bendable thermostatic leaves operating to close the channels at low temperatures and to open for substantially unrestricted flow at normal and higher temperatures, adjacent control devices opening outwardly to engage one another to limit the extent of movement at excessive temperatures.

2,437,288
SEPARATION OF GASEOUS MIXTURES
Ray B. Anderson, Charleston, W. Va.
Application December 28, 1943, Serial No. 515,939
9 Claims. (Cl. 23—2)



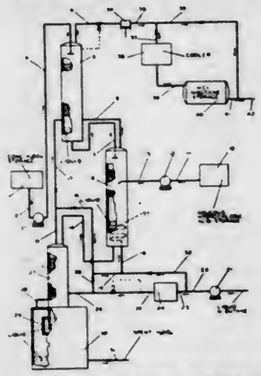
1. The process of removing hydrocarbons and acidic gas from a mixture of gases containing the same, which includes contacting said gas mixture in an absorption operation with a substantially non-emulsified mixture of two emulsifiable absorbent liquids which are substantially immiscible with each other, one of which liquids comprises an absorption oil which absorbs said hydrocarbons and the other of which liquids comprises an amine which absorbs said acidic gas, separating said liquids from the unabsorbed portion of said gas mixture, conducting the liquids from said absorption operation to a desorption operation, regenerating the liquids in said desorption operation, and then returning the regenerated liquids to said absorption operation for further contact of the substantially non-emulsified mixture thereof with additional quantities of said gas mixture to be treated, said liquids in their cyclic flow from said absorption operation to said desorption operation and back to the absorption operation being passed through at least one pressure-changing condition wherein the liquids are subjected to a relatively high degree of confined turbulence such as would tend to produce emulsification of the liquids if they were permitted to pass through such pressure-changing condition while in contact with each other, and said process also including effecting gravity separation of said liquids from each other prior to their passage through at least the first such pressure-changing condition encountered by said

liquids after they leave said absorption operation, and causing said liquids to pass separately and out of contact with each other through each such pressure-changing condition, thereby to prevent emulsification of said liquids with each other.

2,437,289
CYANOCYCLOBUTANE DERIVATIVES
Paul L. Barrick, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 28, 1944, Serial No. 520,104
9 Claims. (Cl. 260—464)

5. A compound containing a four-carbon atom ring to which is attached directly a cyano group, a plurality of fluorine atoms, and a tervalent nitrogen atom having at least one and not more than two valences attached directly to a carbon atom of said ring.

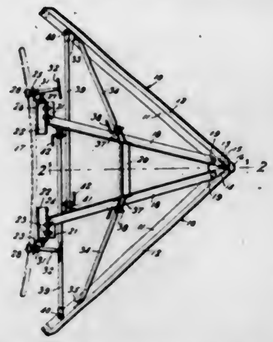
2,437,290
METHOD FOR MANUFACTURING ANHYDROUS HCl
Kenneth C. Bottenberg and James A. Richardson, Bartlesville, Okla., assignors to Phillips Petroleum Company, a corporation of Delaware
Application August 9, 1943, Serial No. 498,006
14 Claims. (Cl. 23—154)



1. A process of recovering substantially anhydrous hydrogen chloride from an aqueous solution thereof which comprises intimately contacting said aqueous solution with concentrated sulfuric acid in a contacting zone, injecting directly into the mixture a liquefied stream of a normally gaseous inert material and thereby effecting simultaneous cooling of the mixture and liberation of a stripping gas, passing said liberated gas through said mixture in said contacting zone to effect stripping thereof, removing the resulting almost anhydrous gaseous mixture of the stripping gas and hydrogen chloride from the contacting zone, and removing the spent sulfuric acid from the contacting zone.

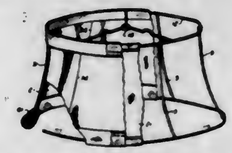
2,437,291
SNOWPLOW
Roland B. Bourne, West Hartford, Conn., assignor to The Maxim Silencer Company, Hartford, Conn., a corporation of Connecticut
Application May 20, 1946, Serial No. 670,875
7 Claims. (Cl. 37—44)

1. A plow for attachment to the bumper of an automobile which comprises a pair of moldboards hinged together at their forward ends for swinging movement about a vertical axis, a triangular frame for transmitting thrust from the car bumper to the plow, said frame including a pair of side members pivotally connected one to each moldboard adjacent said hinge and at the lower



edge portion of the moldboard for swinging movement in a vertical plane, and links connecting the moldboards to the side members, said links being positioned to transmit thrust from the side members downwardly to the moldboards when the rear ends of the members are raised to bumper height.

2,437,292
LAMP SHADE
Morton S. Brockman, Cleveland, Ohio
Application July 11, 1945, Serial No. 604,421
2 Claims. (Cl. 240—108)

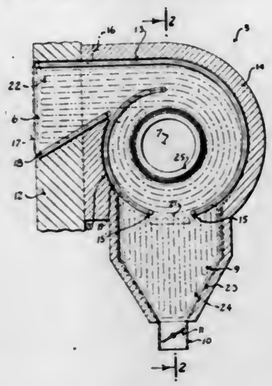


1. A lamp shade, comprising, a frame member, a first sheet member having a marginal portion, a first moisture-impervious tape member bonded to the marginal portion folded in one direction around and secured to a portion of the frame, a second sheet member having a marginal portion and a second moisture-impervious tape member bonded to the second marginal portion folded in the opposite direction around and secured to a portion of the frame and the first sheet member.

2,437,293
EMULSIONS CONTAINING A DRYING OIL-ESTER RESIN COPOLYMER
William H. Butler, Bloomfield, N. J., assignor to Bakelite Corporation, a corporation of New Jersey
No Drawing. Application May 29, 1943, Serial No. 489,063
7 Claims. (Cl. 260—6)

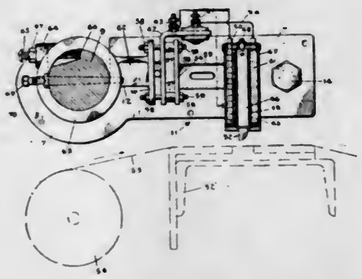
1. Aqueous emulsion comprising as an essential ingredient a copolymerization product of a drying oil with an ester obtained in reacting a cyclopentadiene-maleic adduct, a fatty acid having from 5 to 22 carbon atoms in the chain and a polyhydric alcohol.

2,437,294
DUST SEPARATOR
David Dalin, Sodertalje, Sweden
Application September 30, 1943, Serial No. 504,339
In Sweden September 8, 1942
Sections 1 and 3, Public Law 690, August 8, 1946
Patent expires September 8, 1962
9 Claims. (Cl. 183—32)



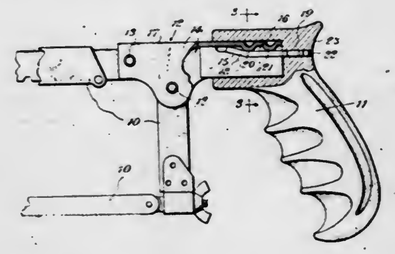
1. A centrifugal type dust separator for separating solid particles from extremely hot gases comprising: a chamber having an inlet for the hot burdened gases, an outlet for the unburdened gases, and a collecting compartment for the solid particles separated from the gases, said chamber being shaped so as to impart abrupt changes in the direction of flow of the gases therethrough so that the solid particles entrained by the gases are separated therefrom by the inertia of the moving particles; and a substantially imperforate protective covering for the inner walls of the separator for substantially precluding contact of the hot gases with the separator walls during passage of the gases through the separator, said protective covering comprising a series of closely adjacent fluid passages through which a coolant is circulated.

2,437,295
CUTTING DEVICE
Donald R. Eastwood, Drummondville, Quebec, Canada, assignor to Celanese Corporation of America, a corporation of Delaware
Application June 28, 1944, Serial No. 542,579
16 Claims. (Cl. 164—38)



1. In a device for severing a sheet or web containing thermoplastic material, a cutting element, means for heating said cutting element by means of electrical energy, said heating means including a heating coil adjacent to said cutting element, and a plurality of bus bars having electrical connections to said cutting element, and means for effecting an angular adjustment of said cutting element with respect to the sheet or web being severed.

2,437,296
TOOL
Harold S. Forsberg, Shelton, Conn.
Application August 13, 1946, Serial No. 690,269
4 Claims. (Cl. 306—1)



1. The combination of a tool, a handle therefor, a locking member for rigidly attaching the tool to the handle, one end of the locking member being secured to the tool and its other end entering the handle in one direction and having a cam and a lug, and a pin entering the handle in the opposite direction and the head of which engages the handle and the forward end of which is bent and lies between the cam and the lug.

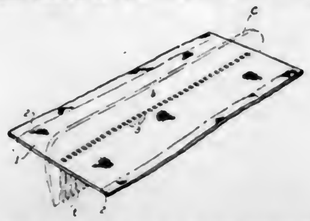
2,437,297
TREATMENT OF DRILLING FLUIDS
Allen D. Garrison, Houston, Tex., assignor to Texaco Development Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application October 25, 1944, Serial No. 560,343
25 Claims. (Cl. 252—8.5)

1. The process of controlling the viscosity of an aqueous drilling fluid employed in drilling a well which comprises treating the fluid with an amount sufficient to control the viscosity of a combination containing a substantial proportion of a water-insoluble monometaphosphate having a cation selected from the group consisting of the alkali metals and ammonium together with a sufficient amount to activate said monometaphosphate of an at least colloidally soluble salt having a dissimilar cation selected from the group consisting of the alkali metals and ammonium and an anion consisting of a radical of an aliphatic carboxylic acid containing in addition to the characteristic carboxylic acid group at least one member selected from the group consisting of hydroxyl groups and carboxylic acid groups.

2,437,298
COMB ACCESSORY
Fannie R. Heyman, New York, N. Y.
Application July 30, 1946, Serial No. 687,092
1 Claim. (Cl. 132—27)

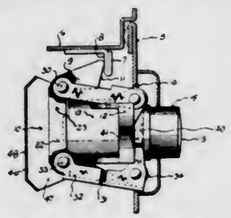
An assembly of the character described comprising: a comb, and a strip of rough surfaced

pile fabric wherein the pile is woven into the fabric, said fabric strip being impaled intermedi-



ate its edges upon the teeth of the comb with the lateral portions of the strip folded back over the back edge of the comb.

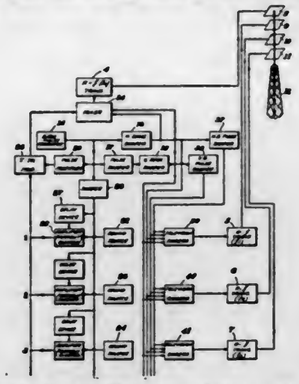
2,437,299
LOCK DEVICE
Edward N. Jacobi, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware
Application May 26, 1945, Serial No. 595,999
12 Claims. (Cl. 70—81)



1. In a lock device of the character described: a casing having a bore opening to its front end; a lock cylinder slidable axially in said bore with the front of the lock cylinder projecting out of the bore at the front of the casing to provide a push button actuator for the cylinder; a lock bolt having a keeper engaging bit; parallelogram linkage movably connecting the lock bolt with the casing and guiding the bolt for substantially translating motion in a path transversely of the cylinder axis, said bolt being movable in said path from an operative position with its bit projected to a keeper engaging position to an inoperative position with its bit retracted from said keeper engaging position; spring means yieldingly biasing the lock bolt to its operative projected position; and a motion transmitting connection between the lock bolt and the cylinder by which depression of the push button actuator to slide the cylinder axially into the casing bore is translated into retractive motion of the lock bolt to its inoperative position.

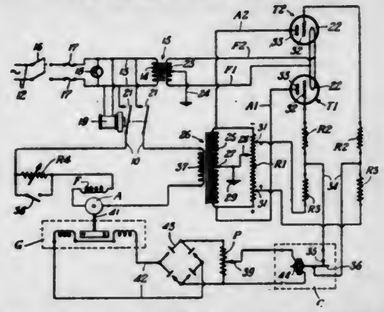
2,437,300
TELEVISION AND SOUND TRANSMITTING SYSTEM
Emile Labin, New York, N. Y., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application August 25, 1944, Serial No. 551,201
7 Claims. (Cl. 178—5.8)

1. A television transmitting system comprising means for producing horizontal and vertical synchronizing pulses for use with each of a plurality of television channels, means for producing lines of different picture signals for each channel in synchronism with said horizontal and vertical synchronizing pulses, means to produce pulses modulated according to sound signals accompanying at least one of said picture signals, means to transmit said picture signals on individual carrier



frequencies, and means to transmit on another carrier frequency said horizontal synchronizing pulses, said vertical synchronizing pulses and said sound modulated pulses.

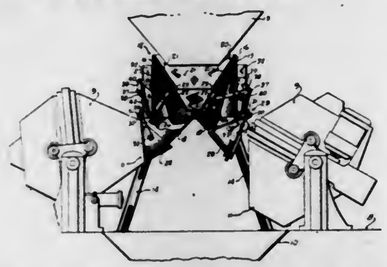
2,437,301
SPEED GOVERNOR
Roscoe R. Lobosco, Elizabeth, N. J., assignor to Union Carbide and Carbon Corporation, a corporation of New York
Application February 26, 1944, Serial No. 523,975
19 Claims. (Cl. 318—328)



1. In combination, an alternating current supply circuit a transformer having primary and secondary windings; a switch for connecting said primary winding to said circuit; a pair of electric discharge devices each having an anode, a control grid and a cathode; circuit means connecting such anodes to opposite terminals of said secondary winding; a voltage divider connected across said secondary winding; a grid biasing circuit for each of said devices comprising a pair of resistors connected to said voltage divider and the control grid of each device; means including a center tap on said secondary winding, adjustable contacts connecting the grid biasing circuits to said voltage divider, and equal values of resistance in the corresponding resistors of such circuits, for balancing the operation of said devices; a make-and-break contact circuit connected across said grid biasing circuits between said pairs of resistors for causing the devices to operate when the make-and-break contacts close; a motor the speed of which is

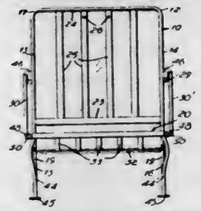
increased by the operation of said devices; and means comprising a generator driven by said motor, a potentiometer energized by said generator, and a contact meter connected to said potentiometer for opening the make-and-break contacts when the motor speed reaches a predetermined value as determined by the adjustment of said potentiometer.

2,437,302
CONCRETE MIXING PLANT
Glenway Maxon, Jr., Milwaukee, Wis., assignor to The T. L. Smith Company, Milwaukee, Wis., a corporation of Wisconsin
Application January 19, 1942, Serial No. 427,298
4 Claims. (Cl. 259—152)



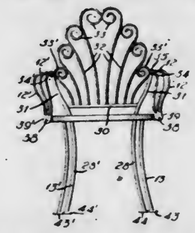
1. An aggregate supply hopper having a wall sloping downward toward the center: a plurality of trap doors each forming part of the bottom of the hopper and each of sufficient size to enable discharge of the hopper contents upon opening thereof, said trap doors having upper and lower portions at different degrees of slope with the lower portions thereof having the lesser slope so that a large piece of aggregate resting on the bottom portions of the closed trap doors does not prevent closure of an opened trap door.

2,437,303
KNOCKDOWN METAL CHAIR
Charles P. Molla, New Hyde Park, N. Y.
Application February 18, 1946, Serial No. 648,396
7 Claims. (Cl. 155—194)



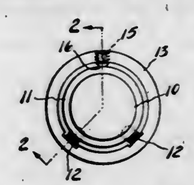
1. An article of furniture comprising a back part, a seat part, arm and front leg members, all detachably coupled with each other in forming a seat-like structure, the back part comprising a U-shaped frame defined by side rods joined by an upper cross-head, lower ends of the rods forming leg members for said back part, a strap joining and spacing the side rods above the lower ends thereof, bands joining and spacing the strap with the cross-head of said frame, the side rods of the frame having forwardly extending brackets, said seat part comprising a rectangular frame of T-shaped cross-sectional form, means detachably coupling the frame of the seat part with the brackets of the back part in coupling said parts together, a plurality of slats joining opposed rails of the seat frame, said leg members having L-shaped bracket portions at the upper ends thereof adapted to fit snugly in corner portions of the seat frame, means detachably coupling the leg brackets with the seat frame, said arm rest members being substantially L-shaped in form, and means at the ends thereof and on the back rest and seat parts for detachably coupling the arm rest members therewith.

2,437,304
KNOCKDOWN WROUGHT IRON CHAIR
Charles P. Molla, New Hyde Park, N. Y.
Application February 18, 1946, Serial No. 648,398
14 Claims. (Cl. 155—194)



5. A knockdown wrought iron chair comprising a back section and seat section, the back section comprising a pair of rear leg members integrally joined at the upper end in a back rest portion, the back rest portion being curved intermediate said legs, a bracket integrally joining and spacing the leg members below the back rest portion, the seat section comprising a frame having an openwork seat portion within the frame, means detachably coupling the frame of the seat section with the bracket of the back section, front leg members, means detachably coupling upper ends of the front leg members with the front portion of the frame of said seat section, upper end portions of the leg members of the back section flaring outwardly above the seat section, the back rest portion including a band joining said end portion of the rear legs above the seat section, arm rest members detachably coupled with the upper ends of the rear leg members and with the sides of the frame of said seat section, said arm rest members intermediate the ends thereof being of openwork construction, the back rest portion comprising a plurality of rods, the lower ends of the rods being secured to said band, and the upper ends of said rods having united coiled portions.

2,437,305
RETAINING MEANS FOR SETSCREWS IN BEARING INNER RACES
Arthur G. Nickle, Saginaw, Mich.
Application September 7, 1944, Serial No. 553,099
7 Claims. (Cl. 287—52.08)



1. The combination that includes a shaft having the inner race of an anti-friction bearing

mounted thereon, circumferentially spaced setscrews for securing the race to the shaft with the heads projecting beyond the outer periphery thereof, a collar assembled over said race, and means for drawing the collar into engagement with the heads of the setscrews, and securing said collar in position on said race.

2,437,306
RADIO DIAL DISPLAY DEVICE
Martin Ramsay, Houston, Tex.
Application December 12, 1944, Serial No. 567,883
2 Claims. (Cl. 116—124.1)



1. In a radio receiving set comprising a housing having an elongated opening therein, the combination of an elongated dial member of polygonal cross section having wave band indicia upon the respective surfaces thereof, end members forming closures for said dial member, a shaft secured to one of the end members to rotate the dial member so that a selected face thereof is moved in front of the elongated opening, a hollow journal member upon which the opposite end member is mounted, a light mounted upon the inner end of said journal member, and means for supplying electrical energy through the journal member to said light.

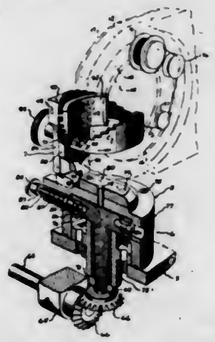
2,437,307
FLUOROHYDROCARBONS BY REACTING HYDROGEN FLUORIDE WITH ACETYLENIC HYDROCARBONS
Leroy Frank Salisbury, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application October 21, 1944, Serial No. 559,847
6 Claims. (Cl. 260—653)

1. The process for obtaining a fluorohydrocarbon, which comprises passing a mixture of hydrogen fluoride and a hydrocarbon of molecular weight not greater than 85 having the general formula RC≡CH, wherein R is of the group consisting of hydrogen atoms and monovalent hydrocarbon radicals, over charcoal-supported mercuric acetate, as catalyst, said mixture being passed over said catalyst under substantially anhydrous conditions in the vapor phase at a temperature within the range of from 25° C. to 250° C.

2,437,308
PROCESS OF MAKING FLUOROPRENE
Leroy Frank Salisbury, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application September 7, 1945, Serial No. 615,090
3 Claims. (Cl. 260—653)

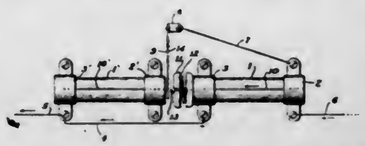
1. In a process for obtaining 2-fluoro-1,3-butadiene, the step of passing a mixture of monovinylacetylene and hydrogen fluoride over charcoal impregnated with mercuric oxide in an amount within the range of from two to 198 grams, calculated as elementary mercury, per liter of charcoal, and coated with basic mercuric nitrate in an amount within the range of from two to 198 grams, calculated as elementary mercury, per liter of charcoal, the total weight of mercuric oxide and basic mercuric nitrate associated with the charcoal being an amount within the range of from four to 200 grams, calculated as elementary mercury, per liter of charcoal.

2,437,309
TOROIDAL WINDING MACHINE
Joseph G. Veatch, Elkhart, Ind., assignor to Chicago Telephone Supply Company, Elkhart, Ind., a corporation of Indiana
Application May 22, 1944, Serial No. 536,715
21 Claims. (Cl. 242—4)



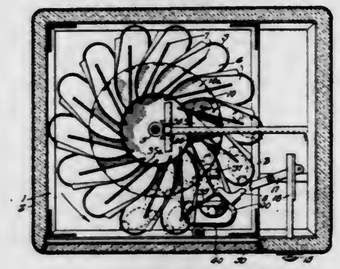
1. In a winding machine of the character described: means for supporting and rotating an annular core upon which strand material is to be wound; a bobbin holding a supply of strand material; means for revolving the bobbin in a circular orbit intersecting the annular core and encircling a segment thereof, the bobbin rotating on its axis in one direction as strand material is unwound therefrom and applied to the core; brake means for retarding the unwinding rotation of the bobbin so as to maintain tension on the strand material as long as it is being unwound from the bobbin; and means for applying a retrieving torque on the bobbin to at all times maintain tension on the strand material and retrieve the same whenever the length thereof from the bobbin to the point of application of the strand material onto the core is decreasing.

2,437,310
DOUBLE FUSE
Norberto Werber, Buenos Aires, Argentina
Application August 8, 1945, Serial No. 609,536
3 Claims. (Cl. 200—126)



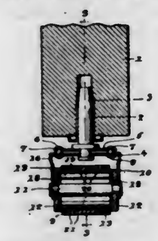
1. A device of the nature described comprising a primary fuse and a secondary fuse in axial alinement one with the other, and separated by a relatively small gap, each of said fuses having an intake and an output terminal, a fuse wire in each fuse connecting the respective terminals thereof, means electrically connecting the output terminals of the respective fuses, a support, a lead wire electrically connecting the support to the intake terminal of the primary fuse, a resilient metallic leaf supported at one end on said support and extending into the gap at its opposite end, a two part cap at the output terminal of the primary fuse, the forward part of said cap being secured to the fuse wire of the primary fuse, and a spring interposed between the two cap parts normally exerting a tension between said cap parts and adapted to force the said leaf against the intake terminal of the secondary fuse when the fuse wire of the primary fuse is ruptured.

2,437,311
VENDING MACHINE
Roland T. Wright, St. Louis, Mo., assignor, by mesne assignments, to Bick Corporation, a corporation of Missouri
Application July 18, 1945, Serial No. 605,681
13 Claims. (Cl. 312—46)



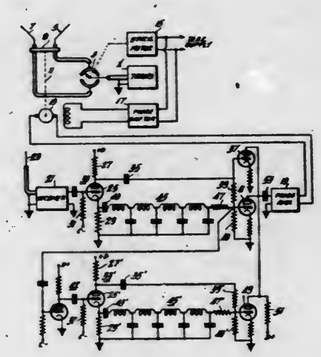
1. A vending machine for bottled goods or the like including a magazine mounted for rotation about a vertical axis, said magazine having a series of radially extending compartments surrounding its axis, a bottom support member for each compartment arranged with respect to side walls of the compartment to support the goods in a substantially vertical position such that the tops of the goods will lean rearwardly with respect to the direction of rotation of said magazine, and means for moving the goods to a vertical and unsupported position causing their discharge from the magazine, said means being operable upon rotation of the magazine, whereby the goods may be discharged from the magazine upon step by step rotation of the magazine.

2,437,312
CASTER FOR FURNITURE
Theodore Bailey, Habana, Cuba
Application May 1, 1944, Serial No. 533,579
2 Claims. (Cl. 16—18)



1. In a caster for furniture and the like, the combination, which comprises, a pintle having downwardly positioned offset arms having a transversely disposed shaft carried in the lower ends of the arms, side plates positioned between the arms and mounted on the shaft at a point midway of the length of the side plates, drums positioned between the said side plates and rotatably mounted in the ends thereof, an endless elastic tread band having a fabric base trained over the drums with the fabric base positioned between the edges of the side plates, idler rollers also positioned between the side plates and rotatably mounted therein providing supporting means for the endless tread band between the drums, said endless tread band having transversely spaced longitudinally disposed slits extending from the outer surface partially therethrough dividing the outer portion of the band into strips, and wire reinforcing elements embedded in said elastic tread band between and coacting with the edges of the side plates for retaining the tread band in operative position and preventing accidental separation thereof from the drums and rollers when the caster is drawn laterally.

2,437,313
ELECTRICAL SERVO SYSTEM
Alda V. Bedford, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application December 30, 1944, Serial No. 570,624
13 Claims. (Cl. 318—28)

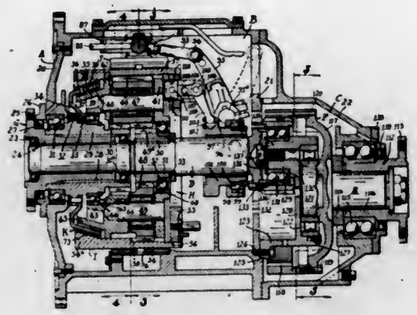


1. In an electrical servo system including an output shaft, a motor coupled to said shaft, means for producing an A.-C. displacement signal of frequency f cycles per second and amplitude substantially proportional to the difference between the actual angular position of said shaft and the position to which said shaft is to be driven, and means for applying said displacement signal to said motor, anti-hunt means including a time delay network designed to provide a delay of length

$$\frac{n}{2f}$$

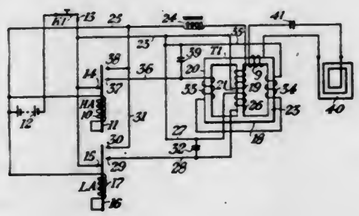
seconds, wherein n is an integer, means for applying said displacement signal to said delay network to produce a delayed displacement signal, and means for applying said delayed displacement signal to said motor in addition to said original displacement signal.

2,437,314
TRANSMISSION MECHANISM
John O. Berndtson, Short Beach, Conn., assignor to The Snow-Nabstedt Gear Corporation, New Haven, Conn., a corporation of Connecticut
Application November 27, 1943, Serial No. 511,955
11 Claims. (Cl. 74—298)



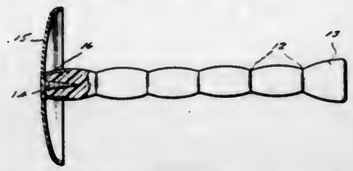
1. In a transmission mechanism, the combination of a driving sleeve gear, a driven sleeve gear, a brakeable pinion-carrying structure cooperating with said gears having two members which are axially shiftable relatively to each other, and a friction element rigidly fixed on and rotating with said first sleeve gear which is adapted to be clamped between substantially parallel opposing friction surfaces carried by the respective members of the pinion-carrying structure.

2,437,315
MEANS FOR SUPPLYING PULSES OF MODULATED CURRENT
Paul N. Bossart, Cheswick, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application June 22, 1945, Serial No. 600,899
14 Claims. (Cl. 179—171.5)



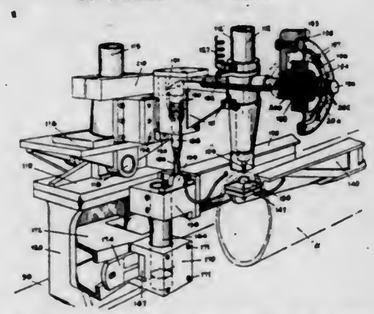
1. In combination, a tuned circuit tuned to resonance at a definite carrier frequency, means including a current source and a vibrator connected to said circuit to periodically impulse excite the circuit to create successive pulses of said carrier current, means including an oscillating member to vary the reactance of said tuned circuit to frequency modulate said pulses of carrier current, and a load element electrically coupled to the tuned circuit to receive said pulses of frequency modulated carrier current.

2,437,316
MEAT SCRAPER
Nate Gambino and Nate La Rosa, Modesto, Calif.
Application April 5, 1946, Serial No. 659,832
2 Claims. (Cl. 15—236)



1. A meat scraper comprising a smooth plastic handle member and an outwardly convex smooth plastic blade member, the end of the handle member carrying a non-corrosive metal collar in encircling relationship thereto, a tapered screw member passing through said blade member substantially centrally thereof into screw engagement with said end, said screw member being substantially coaxial with said collar, and the blade member being oriented so that said end is received within the concave portion of the blade member.

2,437,317
SPOT MILLING TUBULAR BLANK FOR PROPELLER BLADES
Dwillard J. Davis, Detroit, Mich., assignor to Avco Manufacturing Corporation, a corporation of Delaware
Application March 8, 1945, Serial No. 581,657
19 Claims. (Cl. 90—14)

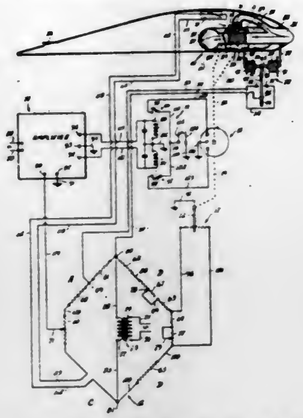


1. A machine for spot-milling tubular blanks for use in the fabrication of propeller blades comprising: a longitudinally movable carriage for the blank; means for rotatably supporting the blank on the carriage; a power driven tool for cutting spots in the outer face of, and mounted to move to and from the blank; and means including a member for engaging the inner face of the blank, for limiting the depth of the cut to leave predetermined thickness in the wall of the blank.

2,437,318
AIRCRAFT HEATING CONTROL SYSTEM
William J. Field, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application January 31, 1944, Serial No. 520,439
16 Claims. (Cl. 244—134)

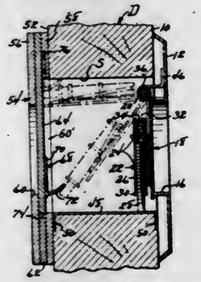
1. In a device of the class described, in combination, a hollow airfoil surface having a leading edge, a fuel burner in heat transfer relation with said surface in the region of said edge, and

normally ineffective air pressure responsive means for responsively causing restriction of the



supply of fuel to said burner in the event of limiting air pressure conditions.

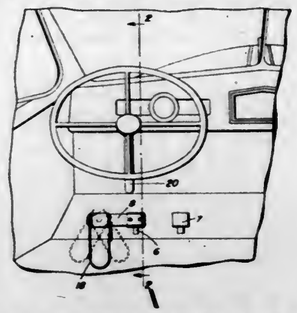
2,437,319
AIRTIGHT MAIL SLOT
Paul T. Gable, Harrisburg, and William C. Weiss, Penbrook, Pa.
Application May 18, 1945, Serial No. 594,518
4 Claims. (Cl. 232—45)



2. A device of the character described, for use with a mail receiving slot of a house door comprising a front plate and a rear closure in alinement with the mail receiving slot, a mail receiving door pivotally secured to said front plate for inwardly swinging movement within said mail receiving slot, a pin slidably mounted on the rear of said mail receiving door, a spring on said mail receiving door for applying pressure to said pin, an upwardly sliding door forming part of said closure, means on the inner side of said sliding door located in the path of movement of said pin whereby said sliding door is raised upward during the inwardly swinging movement of said mail receiving door.

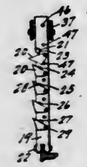
2,437,320
PEDAL ATTACHMENT
Samuel R. Goodman, Jr., Temple, Tex.
Application December 13, 1945, Serial No. 634,694
1 Claim. (Cl. 74—562)

A vehicle pedal attachment comprising a plate attached to the pedal and extending laterally therefrom, a member pivotally mounted in the outer end of the plate for turning movement about an axis at a right angle to the plane of the plate, upstanding flanges at the sides of said member



adapted for engaging the sides of the foot of a person with the toe portion of the foot resting on said member, and a strap carried by the member adapted for extending around the heel of the foot.

2,437,321
AUTOMATIC COUPLING, DECOUPLING, AND ADJUSTING HITCH
Fred R. Hawkins, Waterford, Calif.
Application February 4, 1946, Serial No. 645,290
3 Claims. (Cl. 55—83)

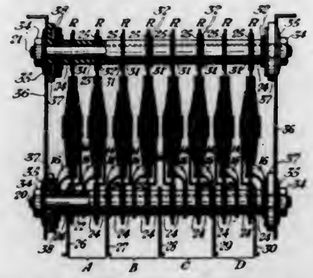


1. Automatic coupling, decoupling and adjusting means for a gang disc harrow or the like comprising; a bar having a series of recesses formed from the top thereof and having one end connected to one gang of the harrow, and having a guard for each recess and movable to guarding and non-guarding positions; a link having connection to the other gang and having a cross-member engageable selectively in said recesses and cooperating with said guards sequentially for closing said recesses against entry of said cross-member when moved in one relative direction, and for opening said recesses sequentially for entry of the cross-member for coupling when moved in the other direction; said guards each comprising a member pivoted at the lower end to said bar and having a stop member for the upper end for cooperation with the top of the bar for two positions and with the guard projecting above the bar for cooperation with said cross-member, and forming a closure for the recess and a riding surface for the cross-member when in one position for decoupling.

2,437,322
ELECTRICAL RECTIFIER
Linnie K. Hedding, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application July 11, 1945, Serial No. 604,372
4 Claims. (Cl. 175—366)

1. A rectifier unit comprising a cooling vane, two rectifier elements secured to opposite sides

of said vane, each said element comprising a metal plate provided on each side with a contact layer separated from the plate by a rectifying junction, a contact washer of impressionable conducting material interposed between the inner contact layer of each element and said vane, two spring contact members one clamped against



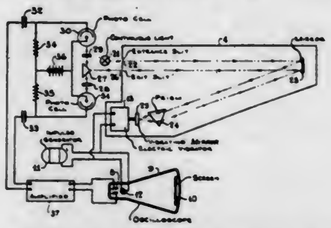
the outer contact layer of each element, means connecting said two contact members together and to said vane, whereby all four contact layers of said elements are connected to said vane, and two connectors one connected to each plate, said unit constituting a single wave rectifier of which said vane constitutes one terminal and said connectors together constitute the other terminal.

2,437,323

APPARATUS FOR INSTANTANEOUSLY INDICATING ON AN OSCILLOSCOPE SCREEN THE ABSORPTION SPECTRUM OF A SUBSTANCE

John J. Heigl, Cranford, and James A. Wilson, Linden, N. J., assignors to Standard Oil Development Company, a corporation of Delaware

Application May 26, 1944, Serial No. 537,416
2 Claims. (Cl. 88—14)



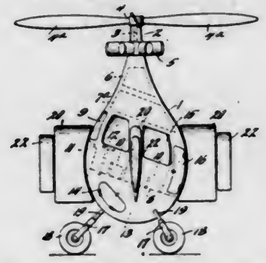
1. In a spectrometer the combination comprising a monochromator having an exit slit, means for producing a spectrum in said monochromator, means for scanning said spectrum over the exit slit to produce a substantially monochromatic beam of energy of continuously varying wave length, means for dividing said beam into two paths, a photocell positioned in each of said paths, means to connect said photocells in opposition to produce a single resultant voltage, sample supporting means positioned before one of said photocells adapted to hold a sample in the corresponding path, standard supporting means positioned before the other of said photocells adapted to hold a standard in the corresponding path, an oscilloscope, means for producing horizontal and vertical scanning in said oscilloscope, means for synchronizing the spectrum scanning means in said monochromator with the horizontal scanning means in said oscilloscope, means for amplifying said resultant voltage, and circuit means for conducting said amplified resultant voltage to the vertical scanning means of the oscilloscope.

2,437,324

HELICOPTER STEERING SURFACE CONTROL

Elden L. Kirchoff, Hawthorne, Calif.

Application February 16, 1945, Serial No. 578,144
6 Claims. (Cl. 244—17)



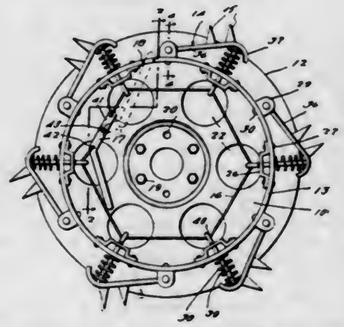
1. A helicopter of the general type including a pilot-enclosing gondola having a vertically-disposed longitudinal axis and having downwardly and outwardly flared side walls, a sustaining rotor mounted above said gondola with its axis of rotation in line with the longitudinal axis of the gondola, a series of approximately equidistantly spaced-apart blades projecting outwardly from the circumference of the gondola for offsetting the torque of the rotor, vanes mounted outwardly of and in laterally-arranged relation with reference to the blades for providing directional control, the blades and vanes being arranged in pairs and the blade and vane of each pair being mounted for pivotal movement upon substantially aligned axes and control means for selectively and independently adjusting either the blades or the vanes about their pivotal axes.

2,437,325

TRACTION LUG FOR AUTOMOTIVE VEHICLES

Vernon E. Koeppel, Cato, Wis.

Application July 29, 1947, Serial No. 764,306
5 Claims. (Cl. 301—45)



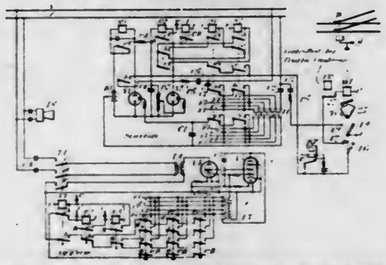
5. Traction lugs for automotive vehicles having disk-type wheels carrying resilient tires comprising a disk for cooperating with the wheel disk, means for securing the central portion of said disk to the wheel disk, said disk having a flaring portion extending outwardly from the wheel disk and tire thereon, a peripheral rim on said flared portion of the disk and adjacent to the wheel tire, bearing members at spaced intervals on the outer surfaces of said rim, lug plates hinged thereto so as to extend tangentially thereof, gripping teeth on the outer surface of said plates, springs between said plates and the rim yieldingly projecting them so that the teeth thereon will extend into operative gripping positions beyond the periphery of the tire on the wheel, a guide and retracting rod secured to the inner surface of said lug plates and extending through said springs and the disk rim, said rods terminating with eyelets at their inner ends, retracting means connected with said retracting rod eyelets within the periphery of the disk rim, said retracting means comprising a cable threaded through the eyelets, lever mechanism connected with the ends of said cable for contracting the cable to effect a retraction of the lugs, and said rim having a notch therein engageable by the lever mechanism when it is operated to retract the lugs for holding the same against the pressure of the springs tending to project the lugs to operative position.

2,437,326

REMOTE CONTROL SYSTEM

Lloyd V. Lewis, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application November 10, 1944, Serial No. 562,851
9 Claims. (Cl. 177—353)



1. In a remote control system having a pair of line wires to which different codes are supplied, each comprising a sequence of alternating current impulses of successively different frequencies, a receiver including a plurality of tuned circuits each tuned to a different frequency and each coupled to a sharply tuned local circuit tuned to the same frequency for determining the frequencies of the line current to which such receiver is responsive, and stepping means controlled by said receiver in response to the code impulses for connecting said tuned circuits across the line wires only one at a time and for simultaneously connecting the local circuits tuned to the corresponding frequencies to said receiver only one at a time to render the receiver responsive to a distinctive sequence of impulses constituting a code call.

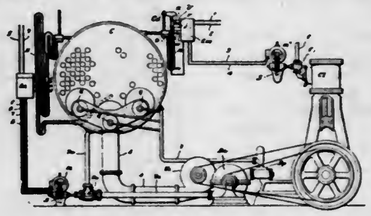
2,437,327

PROCESS FOR REGULATING STEAM GENERATORS AND AUTOMATIC FEED SYSTEMS FOR SUCH GENERATORS

Jean Loumiet et Lavigne, Itabo, Cuba

Original application February 28, 1941, Serial No. 380,987. Divided and this application April 8, 1943, Serial No. 482,284. In Cuba March 9, 1940
9 Claims. (Cl. 122—448)

1. An apparatus for regulating steam boilers of the type provided with a water drum to maintain the water level and the steam pressure substantially constant, comprising means for feeding combustion elements to the boiler, means for feeding water to the boiler, a single motor for driving said feeding means, means automatically operable only in accordance with variations in the steam pressure alone and independent of variations in the water level for varying the speed of said drive motor to vary the speed of all of said feeding means in unison, while maintaining the relative rates of feed of said feeding



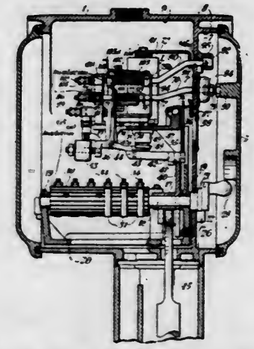
means constant to thereby maintain said pressure substantially constant, means automatically responsive only to variations in the water level in said boiler alone and independently of steam pressure variations for varying the rate of feed of the water in relation to the feed of the combustion elements, to thereby maintain the water level substantially constant, and means for suspending the operation of said varying means a short interval after the corresponding regulating steam pressure or water level begins to return towards normal.

2,437,328

ELECTRIC SWITCH LOCK

William C. McWhirter, Wilkinsburg, and Glen V. Jefferson, Edgewood, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

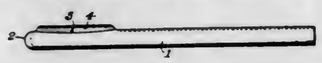
Application January 30, 1946, Serial No. 644,338
7 Claims. (Cl. 246—159)



1. A locking device for railway traffic controlling apparatus comprising a locking segment, manually operable means connected with said segment for moving said segment between two extreme positions, a locking dog adapted to engage said segment in one extreme position to prevent movement of said segment away from such extreme position, electrically controlled means effective when energized for moving said locking dog to an unlocking position, an emergency release push button biased to one position, means controlled by said push button and effective when

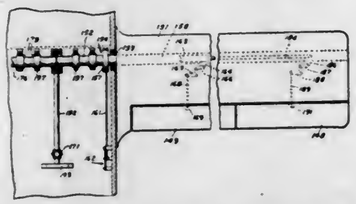
said push button is moved from said one position to another position to move said locking dog to its unlocking position, latch means effective when said push button is moved part way to said other position for subsequently preventing said push button from returning to its one position until said latch means is manually operated to release said push button, and contact means selectively responsive to the latched and unlatched positions of said push button.

2,437,329
SURGICAL INSTRUMENT FOR CURETTING
Frederick J. Moore, Los Angeles, Calif., assignor to the United States of America, as represented by the Secretary of War
Application October 31, 1945, Serial No. 625,825
3 Claims. (Cl. 128—304)



1. A surgical instrument adapted for collecting specimens of bacteria from the surfaces of a body cavity comprising, a tube having a closed end and an open end, said tube being provided with a longitudinal opening adjacent said closed end and provided with an everted edge, and a curetting member formed on the everted longitudinal edge of said tube adjacent said longitudinal opening, the open end of said tube and the longitudinal opening in said tube being in communication with the lumen of said tube to provide a continuous passage therethrough.

2,437,330
VARIABLE INCIDENCE WING CONTROL FOR AIRCRAFT OF THE ROTARY WING OR AIRPLANE SUSTAINED TYPE
Alexander S. Mullgardt, Altadena, Calif.
Application January 24, 1944, Serial No. 519,476
4 Claims. (Cl. 244—48)



1. In an aircraft, wing spars rotatably mounted on the aircraft and extended into said aircraft, wings on said spars, control shafts rotatable in the aircraft, transmission means to connect each control shaft to an adjacent spar for rotation and for holding the spar in adjusted position, an operating element mounted on said shafts for rotation with said shafts and being slidable axially on said shafts, connecting means between said element and said shafts for rotating said shafts with said element and for converting the axial sliding motion of said element into differential rotation of said shafts oppositely one to the other, and a control mechanism for rotating and sliding said elements on said shafts, said control mechanism including oscillating actuating members, means to convert oscillation of said members in opposite directions into rotation of said element in opposite directions respectively, a rocking member mounted for rocking selectively in opposite directions, means to convert the rocking of said rocking member into sliding motion of said slidable element on said shafts, and means for oscillating said oscillating members and for rocking said rocking member.

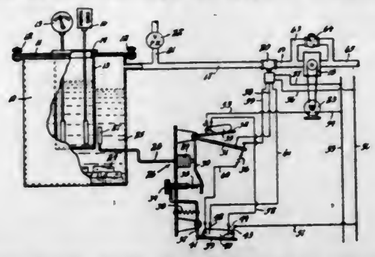
2,437,331
FISH STRINGER
Earl F. Murray and Clare E. Hermann, Minneapolis, Minn.
Application November 20, 1945, Serial No. 629,906
2 Claims. (Cl. 224—7)



1. A device of the class described comprising a single resilient metal strip having its intermediate portion disposed substantially horizontally to provide an elongated top plate, one end portion of said strip being bent downwardly from the inner end of said top plate and forming an inner vertical clip arm, said strip having a downward return bend at the outer end of said top plate and being extended horizontally from said return bend toward said inner clip arm to provide a lower plate spaced downwardly from and underlying the outer end portion of said top plate, the other end portion of said strip being bent downwardly from the inner end of said lower plate and providing an outer clip arm spaced outwardly from said inner clip arm, said outer clip arm having a spring finger for anchoring the usual ring on one end of a fish stringing line to said outer clip arm, said outer end portion of said top plate and said lower plate having vertically alined openings to receive the usual spike at the other end of the stringing line, said inner and outer clip arms cooperating with said upper and lower plates and said return bend in forming a spring clip to straddle a wall of a boat.

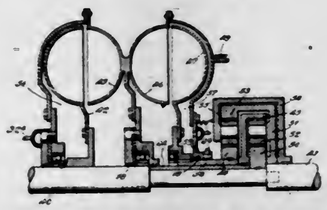
2,437,332
LOW-TEMPERATURE TEST CHAMBER
Alwin B. Newton, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application January 1, 1944, Serial No. 516,611
12 Claims. (Cl. 62—2)

1. In a refrigerating system capable of operating over a range of temperature for utilizing a refrigerant having a vapor pressure above atmospheric pressure at the upper end of said temperature range and below atmospheric pressure at the lower end of said range, means for controlling the vapor pressure of said refrigerant including throttling valve means and pumping means, adjustable condition responsive means, and means for connecting said condition responsive means in controlling relation to said valve means for maintaining a refrigerant temperature



in said upper range or in controlling relation to said pumping means for maintaining a refrigerant temperature in said lower range.

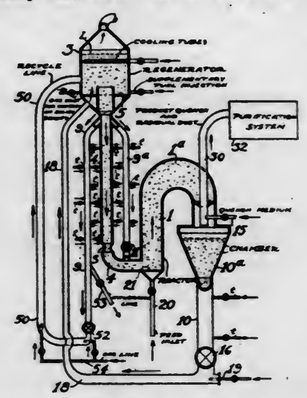
2,437,333
TRANSMISSION
Willard L. Pollard, Evanston, Ill.
Application August 29, 1942, Serial No. 456,594
7 Claims. (Cl. 74—189.5)



1. A hydro planetary transmission comprising rotatable drive means, pump rotor means driven from said drive means, turbine rotor means driven from said pump rotor means, planetary gearing comprising a first gear, a second gear coaxial therewith, and means in force-transmitting relation between said gears including a gear carrier and planet gearing carried by said carrier, said pump rotor means and turbine rotor means comprising a first pump rotor driven positively by said drive means, a first turbine rotor drivable by said first pump rotor, a second pump rotor driven positively by said first turbine rotor, and a second turbine rotor drivable by said second pump rotor, said second gear being driven positively from said first turbine, said first gear being driven positively from said drive means, means for holding said second turbine against reverse rotation with respect to the direction of its pump driven rotation, a third gear driven by said second turbine, a fourth gear driven by said gear carrier, a second gear carrier, and planet gearing carried by said second gear carrier and meshing with said third and fourth gears.

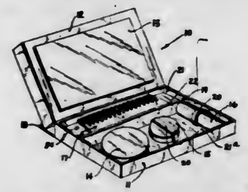
2,437,334
CONTROLLING CHEMICAL REACTIONS
Bruno E. Roetheli, Cranford, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application November 23, 1944, Serial No. 564,812
8 Claims. (Cl. 260—680)

1. The method of conducting an endothermic chemical reaction in the presence of a solid catalyst in powdered condition at a high temperature with a short contact time between reaction material and catalyst which comprises establishing an elevated reservoir of hot powdered catalyst, establishing a reaction zone at a substantially lower level, establishing a column of hot powdered catalyst in fluidized condition between said reservoir and said reaction zone, providing for a continuous open flow of catalyst from the bottom of said column into said reaction zone, admixing with catalyst leaving said column a gaseous reactant, causing said gaseous reactant to flow at a sufficiently high velocity to carry said hot powdered catalyst through said reaction zone concurrently with said reactant and at substan-



tially the same velocity to where the catalyst with gaseous products of the reaction are discharged from the reaction zone at its outlet, said velocity being preselected to provide the desired short contact time between catalyst and reactant, abruptly separating said powdered catalyst from gaseous products of reaction at the outlet of said reaction zone, quenching the products of reaction at the point of separation thereof from said catalyst and controlling the temperature of said reaction zone by controlling the temperature and level of said body of hot powdered catalyst in said elevated reservoir.

2,437,335
COMBINED COMPACT, PURSE, AND KEY RING
Joseph Shapiro, Brooklyn, N. Y.
Application May 17, 1946, Serial No. 670,512
4 Claims. (Cl. 206—38)



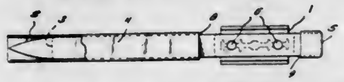
4. A combination article comprising a case and a cover for said case hingeably mounted together along one edge, a mirror hingeably mounted on said article along the same edge adapted to close, in turn, both the said cover and said case, a plurality of cosmetic articles removably mounted in said case, compartments in said cover for receiving and retaining papers, money, keys, and other articles at the option of the user, a comb retaining compartment positioned in said case adja-

cent said hinged edge, a chamber in said case positioned below said comb retaining compartment having an opening therein through the outside wall of said case whereby a plurality of coins may be inserted into and removed from said compartment, at least one supporting member mounted in said case adapted to be moved between two positions in one of which positions it is adapted to support said cover at an angle with respect to said case and in the other of which positions it is adapted to close the opening into the coin receiving compartment, and means for controlling the position of said supporting member in at least one intermediate position whereby the angle of said cover with respect to said case is adjustable.

2,437,336
ALTERNATING ELECTRIC CURRENT RECTIFIER
Leslie Ernest Thompson and Alexander Jenkins, London, England, assignors, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa., a corporation of Pennsylvania
No Drawing. Application August 12, 1944, Serial No. 549,303. In Great Britain March 2, 1944
4 Claims. (Cl. 175—366)

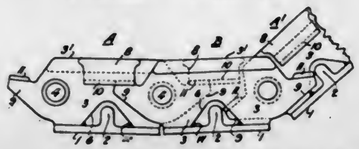
1. An alternating electric current rectifier of the kind described comprising a counter or contact electrode applied to the surface of the semiconductor in which the electrode is composed wholly or partly of potassium or sodium applied by spraying, sputtering or otherwise, for the purpose specified.

2,437,337
RAZOR BLADE HOLDER
Werner Tischendorf, Chardon, Ohio
Application December 1, 1944, Serial No. 566,208
1 Claim. (Cl. 30—332)



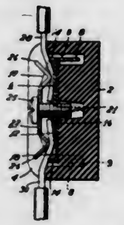
A holder for double edge safety razor blades, comprising long thin flat highly resilient metal strips which have the same length, these metal strips receiving the double edge safety razor blade between them and having less width than the safety razor blade which projects upon opposite sides beyond the strips, the safety razor blade having openings, one strip having openings, lugs carried by the other strip to pass through the openings in the safety razor blade for insertion within the openings of the one strip, the strips extending in one direction beyond the lugs for the major portion of the length of the strips and in an opposite direction beyond the lugs for a short distance, a flat cap removably mounted upon the short ends of the strips and having parallel sides, and a long flat sleeve removably mounted upon the long ends of the strips and having flat parallel sides, the cap and sleeve being shiftable longitudinally toward the lugs until they assume positions near the blade so that their flat sides will press the strips into firm engagement with the blade, the sleeve extending throughout substantially the entire length of the long ends of the strips, said sleeve and long ends constituting a rigid handle, the cap being removable so that the resilient strips may be spread and the blade removed from between the resilient strips without separating the handle from the strips.

2,437,338
ENDLESS TRACK FOR VEHICLES
Leonard William Tripp, Hounslow, England, assignor to Roadless Traction Limited, Hounslow, England
Application April 6, 1944, Serial No. 529,782
In Great Britain September 4, 1942
5 Claims. (Cl. 305—10)



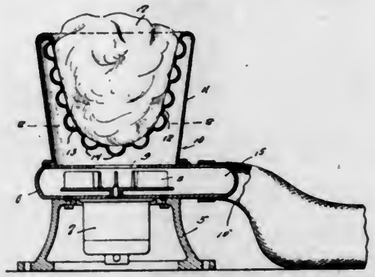
1. Links for endless tracks of the locked girder type comprising ground plates and, secured thereto, separately formed upstanding side plates which on successive links are positioned so that they alternately overlap or are overlapped in the lateral direction, lateral extensions on said side plates which project from the upper part of the latter and overhang the lower part thereof, and abutment faces being provided on the tops of the ends of the side plates and on the undersides of the lateral extensions of the side plates, the abutment faces on the ends of the side plates being positioned to cooperate with the abutment surfaces on the undersides of the lateral extensions on side plates of an adjacent connected link to limit the extent of pivotal movement of the links and thus give the endless track its locked girder characteristic.

2,437,339
CONNECTOR
Benjamin C. Webster, Fairfield, Conn., assignor to The Bryant Electric Company, Bridgeport, Conn., a corporation of Connecticut
Application June 30, 1944, Serial No. 542,949
4 Claims. (Cl. 173—324)



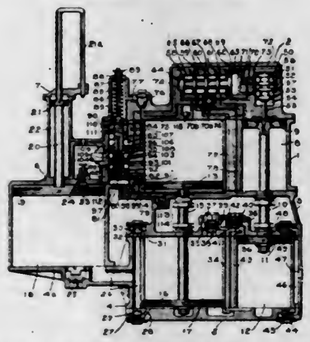
1. In an electrical connector, a pair of clamping members at least one of which is of good electrical conducting material, single pressure applying means cooperating with said members for moving at least one of said members toward the other to clamp wires inserted between said members, one of said members having a relatively rigid central portion positioned to be engaged by said pressure applying means and a plurality of integral independently movable resiliently yieldable parts which project outwardly from edges of said rigid portion and toward the other member to engage and resiliently clamp each wire, respectively, when inserted between said parts and said other member upon operation of said pressure applying means to effect a clamping operation, said other member having projecting parts positioned at opposite sides of each of said yieldable parts, respectively, during a clamping operation, so that a wire inserted between said members in engagement with said parts will be bent during a clamping operation, and one of said members having a plurality of spaced integral guide means for receiving said wires and holding them at least when clamped, in position to be engaged by said parts, respectively.

2,437,340
SUCTION DEVICE FOR REMOVING DUST FROM FABRIC OR THE LIKE
Alfred J. Zugehoer, Hamilton, Ohio
Application December 1, 1944, Serial No. 566,207
1 Claim. (Cl. 15—15)



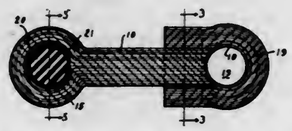
In a device for removing dust from fabric and the like, a base, a housing provided with an opening in its top wall thereof mounted upon said base, a fan mounted for rotation in said housing, a container having an open bottom mounted upon the top wall of said housing and secured to the latter, the open bottom of said container being in communication with the opening in the top wall of said housing, said container embodying a continuous outer wall and a continuous inner wall arranged within said outer wall and spaced from the latter, the inner wall being provided with cup-shaped recesses arranged about the inner surface thereof, there being an opening in each of said recesses, the inner wall and cup-shaped recesses forming a basket-like receptacle for the reception of a dust-containing-fabric therein, a dust collecting bag connected to a side of said housing and in communication with the latter, and means for actuating said fan.

2,437,341
COMPRESSOR MECHANISM
Burton S. Aikman, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application January 29, 1944, Serial No. 520,288
9 Claims. (Cl. 230—53)



1. A steam driven air compressor, in combination, a first steam operated piston and cylinder means for compressing air into a reservoir, a second steam operated piston and cylinder means for compressing air into said first means, a third steam operated piston and cylinder means for compressing air into said second means, and valve means conditionable upon the position of the piston of said first means to control the sequence of operation of the three said means, said valve means being effective in one position to admit steam to said first means and to said third means and being effective in another position to interrupt the steam supply to said first means and to said third means and to supply steam to said second means.

2,437,342
DROP BOX PICKER
Henry M. Bacon, Dayton, Ohio, assignor to The Dayton Rubber Company, a corporation of Ohio
Application November 13, 1944, Serial No. 563,248
6 Claims. (Cl. 139—160)



1. In a textile loom picker made of rubberized fabric layers, the combination of a web and reinforcing means rigidly secured together, said picker being provided with a circular rod hole and all of said fabric layers of said web extending to said circular rod hole, a head with at least one shuttle head and a picker stick hole with arcuate stick contacting surfaces formed by said web and said reinforcing means.

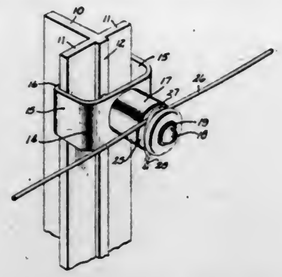
2,437,343
PREPARATION OF IMPROVED DRYING OILS
Edward S. Barnitz, Rochester, N. Y., assignor to Distillation Products, Inc., Rochester, N. Y., a corporation of Delaware
No Drawing. Application November 9, 1943, Serial No. 509,625
5 Claims. (Cl. 260—407)

1. The process of preparing an improved drying oil which comprises in combination, subjecting the oil which contains polymerizable constituents to a treatment for removal of at least part of the nonpolymerizable constituents, subjecting the remaining portion of the oil to a bodying treatment, subjecting the bodied oil to high vacuum unobstructed path distillation and separating a substantial portion of unpolymerized oil as a distillate.

2,437,344
INSULATOR AND SUPPORT FOR ELECTRICALLY CHARGED FENCE WIRES
Herman M. Behlmann, Pewaukee, Wis.
Application October 27, 1944, Serial No. 560,642
2 Claims. (Cl. 174—163)

1. Means for securing electrically charged bare fence wires to metal posts having flanges extending laterally in opposite directions from the central portion of the post, comprising the combination of a yoke-shaped member having resilient arms provided with free and mutually spaced hook-shaped extremities adapted to loosely embrace the outer margins of said flanges and to move downwardly along said margins from the

top of the post to the fence wire level, a clamping bolt extending through the central portion of said yoke-shaped member and having threaded engagement therewith, an annularly grooved wire supporting insulator knob through which



said clamping bolt extends along the axial line of said knob, said clamping bolt being adapted when turned in one direction to clamp said knob to the yoke-shaped member and to also clamp the yoke-shaped member to the post under the resiliently yielding tension of its arms.

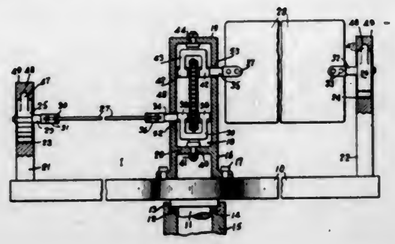
2,437,345
TEMPERATURE COMPENSATED VARIABLE INDUCTANCE
John F. Bell, Chicago, Ill., assignor to Zenith Radio Corporation, Chicago, Ill., a corporation of Illinois
Application February 13, 1943, Serial No. 475,779
9 Claims. (Cl. 171—242)



1. A variable inductance comprising a coil, a conductive non-magnetic slug arranged for movement into and within said coil, one part of said slug being of metal having a definite thermal expansion and another part being of metal of different thermal expansion, said slug being adapted to influence the inductance of the coil progressively as it is moved into the coil.

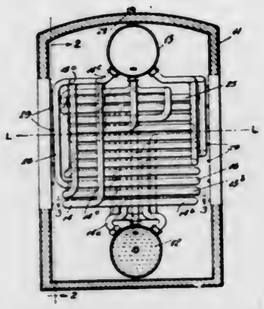
2,437,346
WINDMILL
Raymond D. Bourne, Middletown, Ohio
Application April 8, 1943, Serial No. 482,240
4 Claims. (Cl. 170—27)

1. A wind power mechanism including a rotatable platform, a central support member normal to said platform, end support members on the same side of said platform as said central support spaced radially from said central support member and normal to the platform, blade means positioned between said central support member and the end support members positioned axially at right angles to one another, shaft means rotatably supporting said blade means between said central support member and said end support members, gearing means interconnecting the shaft support means for the blade means to maintain them in a predetermined angular relationship, and means operably connecting the shaft means to said end support members for controlling horizontal planar rotation of said blade means relative to said rotatable platform to alter-



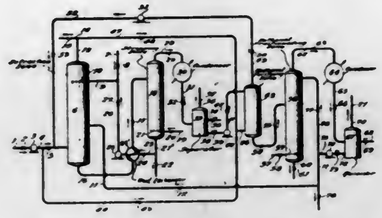
nately position the same into power position at right angles to the direction of air movement against the blades comprising a pinion and a rack of predetermined length.

2,437,347
BOILER CONSTRUCTION
Carl R. Briggs, Mantua, Ohio, assignor of one-half to John Cunningham, Akron, Ohio
Application June 8, 1944, Serial No. 539,353
1 Claim. (Cl. 122—250)



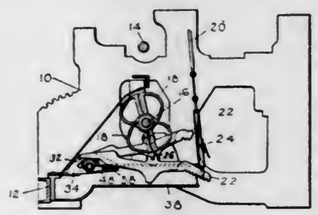
A steam boiler assembly comprising a housing, a sediment drum within said housing and disposed near the lowermost point therein, a steam header tank above and spaced from said sediment drum, heating means consisting of a plurality of burners arranged peripherally around said housing and inturned towards the space between said sediment drum and said steam header tank to enclose and define thereby a combustion space, a plurality of water tubes extending through said combustion space and individually communicating both with said sediment drum and said steam header tank, each said water tube having a spirally coiled portion at an intermediate position thereof, the said coiled portions of all said respective tubes being disposed in horizontal planes at respectively spaced vertical levels within said combustion space, water inlet means in communication with said sediment drum, steam outlet means in communication with said steam header tank, and means for maintaining the water surface within said tubes at an intermediate level in said combustion space, whereby to define a steam generating zone below said level, and a steam superheating zone above said level.

2,437,348
PROCESS FOR THE REFINING OF HYDROCARBON OIL CONTAINING MERCAPTANS
Kenneth M. Brown, Hinsdale, and Clarence G. Gerhold, Riverside, Ill., assignors to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application November 4, 1944, Serial No. 562,026
6 Claims. (Cl. 196—32)



1. In the refining of hydrocarbon oil containing mercaptans by treatment thereof with a solution comprising an alkali and an organic solvent selected from the group consisting of methanol, ethanol, propanol, acetone, ethylene glycol, and glycol ethers, the method which comprises separating said solution from the treated oil and distilling the same to vaporize mercaptans and organic solvent from the alkali, condensing the vapors to form a mercaptan layer and a solvent layer containing a small amount of mercaptans, separating said solvent layer from the mercaptan layer, contacting the separated solvent layer in the absence of said mercaptan layer with hydrocarbon liquid to reduce the mercaptan content of the solvent layer, and separating the solvent of reduced mercaptan content from said hydrocarbon liquid.

2,437,349
HARNESS MOTIONS
Leland D. Cobb, Forestville, Conn., assignor to Draper Corporation, Hopedale, Mass., a corporation of Maine
Application June 7, 1945, Serial No. 598,062
4 Claims. (Cl. 139—79)



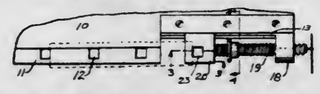
1. In a loom, a harness frame, a harness treadle connected with said frame for operating the latter, a cam for operating the treadle, a gear member on which said treadle is fulcrumed, said gear member having gear teeth extending transversely of said treadle and meshing with gear teeth formed thereon, support means at each end of the gear member supporting the gear member for rolling movement longitudinally of said treadle to adjust the fulcrum point of the treadle, said support means including adjustable relatively fixed structure and means frictionally locking said gear member to said fixed structure.

2,437,350
LIGHTING SYSTEM AND LANTERN FOR USE THEREIN
Paul Edward Ferlin, New York, and Edward Rambusch, Harrison, N. Y., assignors to Rambusch Decorating Company, New York, N. Y., a corporation of New York
Application October 14, 1944, Serial No. 558,660
10 Claims. (Cl. 240—9)



1. A lighting system for churches, auditoriums and the like wherein the occupants face in the same direction when reading or observing scenery and action taking place in front of them, said system comprising a plurality of pendent lanterns each with a light source and a vertical cylindrical shade about the source, the forward halves of the shades being each composed of a single thickness of diffusing sheet material the rear halves of the shades being composed of two thicknesses of like material whereby substantially greater light output is directed toward the reading matter, the scenery and action than toward the rear, and the brightness of the rear side of the shade is substantially less than that of the front side.

2,437,351
QUICK ADJUSTABLE BENCH VISE
Joseph A. Follmer and Joseph Follmer, Denver, Colo.
Application April 30, 1946, Serial No. 666,085
1 Claim. (Cl. 81—28)

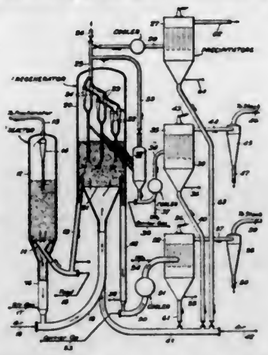


A quick adjustable vise comprising, in combination, an elongated base having a guide extending longitudinally on one side, a perforated lug at one end of the guide, a vise block slidably interconnected with the guide, a screw extending through the opening in the lug, one end of the screw being rotatably connected with the vise block, the screw being longitudinally slidable in the lug, a nut on the screw, between the vise block and the lug, the nut having angularly spaced wings, the surface of the side of the guide facing the screw having a plurality of longitudinally spaced transversely extending depressions for the selective reception of an end of each wing, the depressions having transversely extending stops between their ends to engage the ends of the wings and limit the rotation of the nut, the side walls of the depressions cooperating with the wings to hold the nut from moving longitudinally relative to the base when the screw is rotated to move the vise block.

2,437,352
RECOVERY OF CATALYSTS
Nathan Fragen, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application December 29, 1945, Serial No. 638,416
6 Claims. (Cl. 196—52)

1. The process of separating degenerated catalyst from a fluidized solid catalyst hydrocarbon conversion system in which a finely divided catalyst is regenerated by oxidation of carbonaceous deposits in a regeneration zone containing a dense

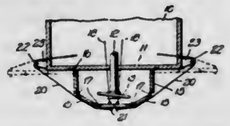
fluidized suspension of catalyst in the lower part thereof and a dilute catalyst phase in the upper part, the improvement which comprises recovering catalyst from regeneration gases in said dilute phase by centrifugal action, redispersing said recovered catalyst in dilute suspension in a gas and passing said dilute suspension through an electrostatic field at a velocity sufficient to carry particles of degenerated catalyst thru said field while retaining the particles of active catalyst and recovering said retained active catalyst for further use.



2,437,353
AUXILIARY PROPELLER FOR AIRSHIPS AND HOUSING THEREFOR

Michael Gliwa, Chicago, Ill.

Application June 10, 1946, Serial No. 675,606
3 Claims. (Cl. 244—26)



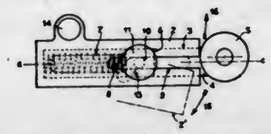
1. In an airship having an auxiliary propeller disposed below the floor of the fuselage thereof, a housing for said propeller comprising a pair of spaced, stationary hoods, said propeller being disposed between said hoods, a pair of series of panels, the innermost panel in each series being hingedly connected to the floor of the fuselage, the panels in each series being hingedly connected to each other, all of said panels being disposed between said hoods in a longitudinal relation, means for drawing said panels in each series into a planar mutual relation coextensive with the floor of the fuselage for freeing said propeller, and means for drawing said panels in a closed enveloping position around the propeller.

2,437,354
POCKET LIGHTER

Bedri Hussein Gostkowski, Geneva, Switzerland, assignor to Universal Lighters Selling Company Ltd., Geneva, Switzerland, a company of Switzerland

Application June 10, 1944, Serial No. 539,746. In Switzerland and Great Britain May 25, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires May 25, 1963
2 Claims. (Cl. 67—7.1)

1. In a pocket lighter having a body and an ignition wheel, a flint holder oscillatably mounted on said lighter, said flint holder having an axially extended bore opening towards the ignition wheel of the lighter and closed at its farther end for housing therein a flint and a spring; said holder further provided with a slide piece slidably ar-

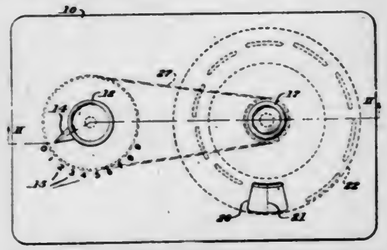


ranged in said bore between said spring and said flint, a guide groove in the wall of said lighter adjacent to said flint holder, said slide piece adapted for cooperating with said guide groove whereby to oscillate said flint holder respectively in and out of alignment with said ignition wheel.

2,437,355
INDICATING DIAL FOR RESISTANCE APPARATUS

Grover R. Greenslade, Scott Township, Allegheny County, Pa., assignor to Flannery Bolt Company, Bridgeville, Pa., a corporation of Delaware

Application August 17, 1946, Serial No. 691,291
5 Claims. (Cl. 201—48)



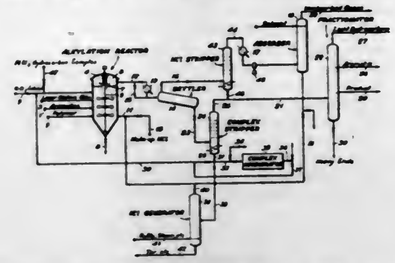
1. In a resistance-measuring apparatus including a resistor variable in steps and a slide-wire resistor, each resistor having a manually operable shaft for adjusting it, the improvement comprising a disc fixed on the shaft of the slide-wire resistor having a plurality of radially spaced concentric scales thereon, one for each setting of the first-mentioned resistor, a screen rotatable on said last-mentioned shaft above said disc and having slots spaced radially and circumferentially thereof adapted to expose said scales one at a time, and means whereby rotation of the shaft of the first-mentioned resistor rotates said screen and successively exposes the scales for the various settings of said first-mentioned resistor.

2,437,356
CATALYTIC ALKYLATION OF AROMATIC HYDROCARBONS BY LONG CHAIN OLEFINS

Philip Hill, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana

Application March 27, 1945, Serial No. 585,123
12 Claims. (Cl. 260—671)

1. In the alkylation of an aromatic hydrocarbon with a higher mono-olefin hydrocarbon having at least 20 carbon atoms in the molecule in the presence of a Friedel-Crafts catalyst, the improvement which comprises effecting said alkylation in the presence of a minor proportion, based on said higher mono-olefin hydrocarbon, of an



added lower olefinic hydrocarbon having a molecular weight not in excess of about 130.

2,437,357
SOLVENT EXTRACTION OF HYDROCARBONS

Art C. McKinnis, Long Beach, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California

No Drawing. Application June 25, 1945, Serial No. 601,546
9 Claims. (Cl. 196—14.27)

1. A process for the separation of relatively unsaturated hydrocarbons from relatively saturated hydrocarbons contained in a hydrocarbon fraction which comprises contacting said hydrocarbon fraction with an unsymmetrical heterocyclic dinitrogen compound having a six membered ring to effect a change in the relative activities of said unsaturated and said saturated hydrocarbons whereby the said relatively unsaturated hydrocarbons may be separated together with a major proportion of said heterocyclic dinitrogen compound from said relatively saturated hydrocarbon.

2,437,358
CABLE SPLICE

Ralph N. Mowery, Yakima, Wash.

Application May 5, 1947, Serial No. 746,130
9 Claims. (Cl. 174—88)



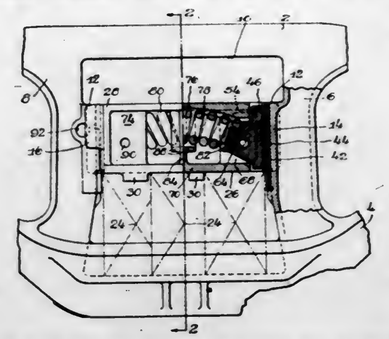
1. A cable splice comprising a pair of connector blocks having wire connecting means with outer walls, circular bearing heads carried by the blocks, covers for the outer walls, and perforated ring bases having internal seats for mounting the bearing heads to carry said blocks and covers.

2,437,359
SNUBBED TRUCK

Raymond C. Pierce, Chicago, Ill.

Application July 27, 1944, Serial No. 546,826
26 Claims. (Cl. 105—197)

7. In a railway car truck, a side frame having spaced columns defining in part a bolster opening, a bolster spring-supported on said side frame between said columns, openings in the side walls of said bolster aligned with said columns, laterally movable friction shoes in said openings, and resilient means compressed between said shoes and affording a vertical thrust from said shoes to said bolster, said resilient means seating



against respective shoes along reversely arranged diagonal surfaces.

2,437,360
LOOSE-LEAF BINDER

Judson A. Purvis, Chicago, Ill.

Application October 28, 1944, Serial No. 560,750
7 Claims. (Cl. 129—1)



7. A loose leaf binder for a book, manual, pad or the like comprising a pair of backing strips arranged in parallel planes, interlocking means on said backing strips adapted to be engaged when the strips are longitudinally moved into parallel, abutting relation to close the binder and separated when the binder is opened for removal or insertion of one or more sheets, and spaced, complementary arcuate shaped loops projecting from each backing strip to combine and provide a plurality of closed binder rings, said backing strips being disposed radially inward and within the confines of the loops so that the book, manual or pad will open flat in back-to-back relation.

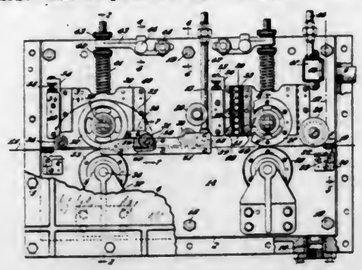
2,437,361
FILM REGISTERING APPARATUS

Gerald F. Rackett, Los Angeles, Calif., assignor to Technicolor Motion Picture Corporation, Hollywood, Calif., a corporation of Maine

Application February 17, 1944, Serial No. 522,711
4 Claims. (Cl. 271—2.3)

1. Film registering apparatus comprising a belt having teeth engageable in sprocket holes of the film, a tank having means for guiding said belt along a predetermined path therethrough, means for continuously feeding two films to the belt at spaced locations along said path, a roller between the two locations for seating the first film on the belt before the second film is applied thereover, a roller beyond the second location for seating the second film over the first film, a plate perpendicular to the axes of said rollers for supporting said means and rollers, and means for detachably mounting the plate on a wall of the tank, each of said seating rollers bearing on the film both inside and outside said teeth and hav-

ing spaces to accommodate the teeth, whereby the first film is pressed tightly against the belt



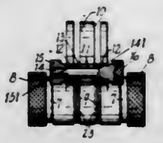
both inside and outside said teeth before the second film is seated on the first film.

2,437,362
TOP SPINNING ROLLER
Joseph Rockoff, Dayton, Ohio, assignor to The Dayton Rubber Company, a corporation of Ohio
Application July 24, 1942, Serial No. 452,132
6 Claims. (Cl. 19—143)



1. A textile machine unit for processing textile fibers into yarn comprising the combination of a body consisting substantially of acrylic nitrile butadiene copolymer, granulated, water-soluble salt crystals homogeneously dispersed therein, and means for increasing the gripping action of said unit with the textile fibers of the yarn, for disseminating static electricity formed during operation and for preventing lapping up of the textile fibers on said unit, said means consisting of a plurality of projections alternating with cavities on the surface of said unit, said cavities being formed by the crystals vacating said unit.

2,437,363
SIGHT FOR FIREARMS
Ernest C. Smith, Paw Paw, Mich.
Application December 20, 1943, Serial No. 514,879
4 Claims. (Cl. 33—54)



1. In a gun sight assembly, the combination of a bracket member comprising a sight tube having a slot transverse the axis of the tube, said bracket member having a sight element storage recess aligned with said slot in said tube and pivot ears having axes parallel to the axis of the tube and offset therefrom and between said tube and recess, the space between the pivot ears being aligned with said slot and recess, a pivot pin disposed through said pivot ears and provided with a clamping element, a swingable sight element having a pivot ear engaging said pivot pin, whereby said sight element may be swung into said sight tube or into said aligned storage recess, said pivot pin and clamping element being relatively adjustable to clamp said sight element pivot ear, and a tubular clamping member threaded into said sight tube, the inner edge of said slot constituting a clamping shoulder opposed to said tubular clamping member whereby the sight element adjusted within the sight tube may be clamped in its adjusted position, said sight element when in clamping engagement with said clamping shoulder being disposed in the plane of the transverse slot, said tubular clamping member when loosened permitting the sight element to be swung on its pivot pin to the inoperative position outside said sight tube.

2,437,364
DRILL AND COUNTERSINK TOOL
Lawson A. Smith, Los Angeles, Calif., assignor to Robert H. Clark, Los Angeles, Calif.
Application May 5, 1944, Serial No. 534,197
24 Claims. (Cl. 77—66)



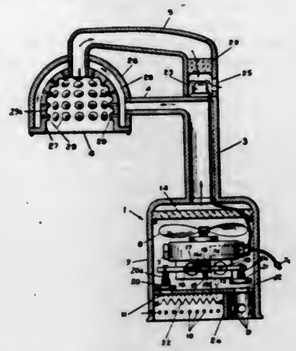
1. A tool of the character described including, a body having a mounting shank at one end and having a diagonally disposed straight channel in its side and a socket in it from its other end, a drill having a stem held in the socket and a cutting portion beyond said other end of the body, and a straight elongate countersink cutter held in the channel with a cutting part overlapping the drill and acting in a path overlapping that of the drill and projecting laterally outward from one side of the drill.

2,437,365
ANNULAR ELECTRONIC TUBE
Albert G. Thomas, Lynchburg, Va.
Original application October 3, 1938, Serial No. 233,136. Divided and this application June 8, 1944, Serial No. 539,246
4 Claims. (Cl. 250—27.5)



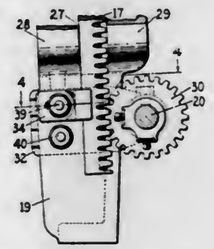
1. An electron discharge tube comprising, a pair of sealed coaxial envelopes forming a closed annular space therebetwcen, an annular electrode within said space at each end of said envelopes, and a control element within the inner envelope.

2,437,366
HAIR DRIER
Albert G. Thomas, Alexandria, Va.
Application March 7, 1945, Serial No. 581,363
5 Claims. (Cl. 34—99)



1. In a hair drier, a headpiece, a blower for moving air to said headpiece, a motor to drive said blower, a duct to direct air from said blower to said headpiece, partition means having an opening therein for heated air and an opening therein for relatively cool air on the intake side of said blower, means for heating air in a chamber formed by said partition means and connected with said heated air opening, a pair of valves for periodically closing said openings, and means driven by said motor for actuating said valves for alternately distributing to said headpiece heated air and relatively cool air.

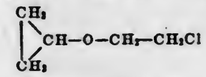
2,437,367
CLOTH TAKE-UP MECHANISM FOR LOOMS
James M. Tuten, Greenville, S. C., assignor to Draper Corporation, Hopedale, Mass., a corporation of Maine
Application March 21, 1947, Serial No. 736,238
5 Claims. (Cl. 139—308)



1. In a cloth take-up mechanism for looms, a pair of generally upright stands, an individual gear rack for and slidably mounted in guideways in each stand and supporting a respective end of the cloth roll, a shaft extending generally between the stands, a pair of pinions on said shaft each at a respective gear rack, means to rotate said shaft, and individual unitary adjustable means at each of said stands acting to support said shaft and to adjustably position each of said pinions in engagement with a respective one of said racks and positioning said racks in alignment with respective ones of said guideways.

2,437,368
2-CHLOROETHYLCYCLOPROPYL ETHER AND METHOD OF PREPARING IT
Robert M. Vance, Cleveland, and Amos G. Horney, Worthington, Ohio, assignors to Air Reduction Company, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application June 14, 1944, Serial No. 540,319
2 Claims. (Cl. 260—611)

1. A new chemical compound, 2-chloroethylcyclopropyl ether with the structural formula:

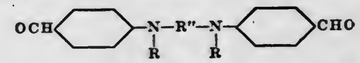


2,437,369
FLEXILIZER
William Allshire Waldie, Oakwood, Ohio, assignor to New Wrinkle, Inc., Wilmington, Del., a corporation of Delaware
No Drawing. Application May 18, 1945, Serial No. 594,601
12 Claims. (Cl. 106—250)

1. A method of producing a flexilizing agent for wrinkle coating compositions consisting in heating a mixture of conjugated double-bonded oil and a non-drying oil to substantially 540° F. and maintaining a temperature of 530° to 540° F. until gellation is about to start; adding a further quantity of non-drying oil whereby the gellation is checked; heating to approximately 450° F., adding a wrinkle producing drier selected from the group consisting of cobalt acetate, lead acetate, manganese acetate, cobalt oxide, lead oxide and manganese oxide, and heating to approximately 500° F. until a homogeneous mixture is obtained.

2,437,370
PARA-TERTIARY AMINO PHENYL ALDEHYDES
Cyril D. Wilson, Metuchen, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application March 9, 1945. Serial No. 581,939
3 Claims. (Cl. 260—570.5)

1. A tertiary aromatic bis aldehyde of the formula:

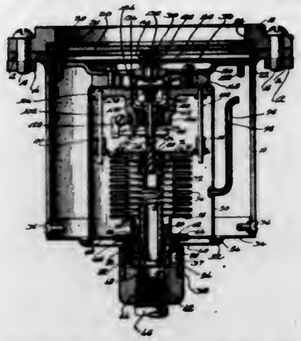


where R is an alkyl group and R'' is a divalent aliphatic hydrocarbon radical.

2,437,371
ABSOLUTE PRESSURE GAUGE
Arthur C. Allen, Chicago, Ill., assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application February 4, 1944, Serial No. 521,085
6 Claims. (Cl. 73—410)

5. An instrument of the class described, comprising an evacuated housing, a bellows located in said housing and attached at one end thereto, means for introducing variable pressures into said bellows, a driving shaft mounted in said housing, means for driving said shaft by expansion and contraction of said bellows, a permanent magnet attached to said shaft, indicating means supported on said housing, said indicating means

including a rotatable shaft, and a permanent magnet on said last-named shaft, said magnets



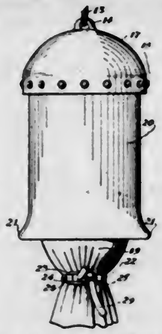
being juxtaposed whereby rotation of said driving shaft rotates said second-named shaft.

2,437,372

PICKUP AND DELIVERY CONTAINER

Hyde W. Ballard, Merion, Pa., assignor to All American Aviation, Inc., Wilmington, Del., a corporation of Delaware

Application April 12, 1943, Serial No. 482,830
21 Claims. (Cl. 258—1.2)



2. In a shock absorbing transfer container, a dome, a towing connection attached thereto, a flexible skirt attached to said dome, said skirt being constructed of rubberized material and having a larger outside diameter at its trailing edge than at the edge attached to said dome, a canvas pouch attached to said dome, a strap attached to and surrounding said pouch, said strap being constructed of rubberized duck, a staple attached to said pouch, a hasp attached to said strap adapted to fit over said staple when said canvas bag is closed, said staple having sufficient clearance to receive the free end of said strap after the staple has been inserted in the hasp and an enlargement at the outer edge of said canvas bag whereby it is prevented from being drawn through said strap when in a closed position.

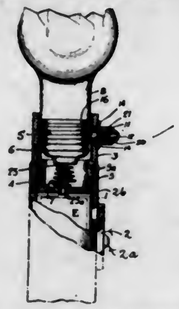
2,437,373

FLASHLIGHT HOLDER

Edward A. Bernstein, Cedarhurst, N. Y.

Application September 4, 1942, Serial No. 457,269
4 Claims. (Cl. 67—31)

2. A holder for a flash bulb, said flash bulb being of the type which has an external metal sleeve which has a contact pin which is located at the inner end of said metal sleeve, said contact pin being insulated from said metal sleeve, said metal sleeve having a longitudinal axis, said holder comprising a longitudinal socket which is made of insulating material, said socket having an inlet opening at its outer end and a lateral inner end-wall which is made of insulating material, a longitudinal metal wall-pin which is fixed to and which extends through said lateral inner end-wall, said socket being constructed and shaped loosely and longitudinally to receive said metal sleeve so that said metal sleeve can be ejected from said socket by sliding said metal sleeve longitudinally out of said socket, a metal ejector spring, one end of said ejector spring being fixed to said wall-pin, the other end of said ejector spring being located to abut said contact pin of said bulb, a longitudinal metal



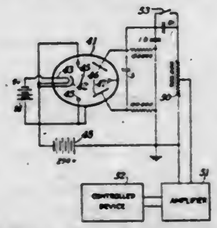
strip which has an outer end-part and an inner end-part, said outer end-part being located laterally inwardly of the inner longitudinal wall of said socket, said outer end-part being located to contact with said metal sleeve of said bulb longitudinally inwardly of said inlet opening, said inner end-part extending through the wall of said socket and being laterally external to said socket, a casing in which said socket is mounted, said casing being made of insulating material, said casing having a casing contact-member which contacts with said inner end-part, said casing having a casing-switch, one terminal of said casing-switch being connected to said casing contact-member and hand-operated latch-means for releasably retaining said bulb in said socket against the action of said ejector spring.

2,437,374

MAGNETIC FIELD MEASURING DEVICE

Robert E. Burroughs, Washington, D. C., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

Application May 15, 1945, Serial No. 593,779
1 Claim. (Cl. 175—183)



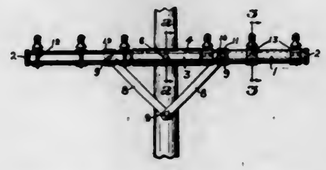
A device for detecting and measuring a shifting magnetic field comprising an electronic tube having at least one cathode and at least two anodes defining a plane orthogonal to at least a component of the magnetic field whereby the ratio of the anode currents is proportional to the field strength effective on the electronic stream from the cathode, a suppressor electrode between the two anodes, at substantially the same electrical potential as said cathode for increasing the sensitivity of changeover of the electron stream from one anode to the other, to change in effective magnetic field, compressor electrodes, also at substantially the same electrical potential as said cathode and located on opposite sides of the electron beam passing from the cathode to the two anodes for compressing said beam, and means connected to the anodes for measuring the relative direct currents therethrough.

2,437,375

CROSSARM FOR TRANSMISSION WIRES

Frank E. Buxton, Wellesley, Mass.

Application May 20, 1944, Serial No. 536,597
9 Claims. (Cl. 174—45)



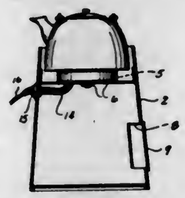
1. A pole cross arm support for transmission line wires comprising a rigid tubular body of water repellent, weather and decay resistant, electrically nonconductive material, a rigid tubular metal reinforce extending throughout the central section of the tubular body in engagement with the wall thereof, closures for the ends of the tubular body, a plurality of wire supporting insulators mounted in the sections of the tubular body between the metal reinforce and the end closures, and means for securing the cross arm at its reinforced central section to a pole.

2,437,376

ELECTRIC RANGE

William Jacob Carter, Seattle, Wash.

Application January 7, 1946, Serial No. 639,521
1 Claim. (Cl. 219—35)



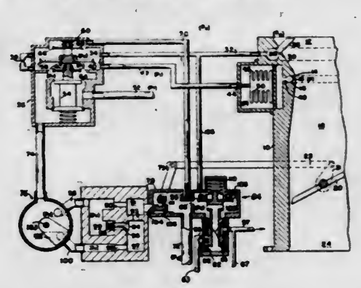
A range of the character described comprising an invertible, tubular housing adapted for upright support on either end, said housing being open at one end and having a wall closing its other end, a heating element supported coaxially in the housing within the open end thereof and spaced inwardly from the end with clearance thereabout for air circulation and adapted to serve as a support for a cooking utensil when the utensil is set down within the open end; said housing providing a warming oven between the element and its closed end and having a side wall opening into said oven and a door for closing said opening.

2,437,377

CONTROL APPARATUS FOR INTERNAL-COMBUSTION ENGINES

Milton E. Chandler, New Britain, Conn., assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn., a corporation of New Jersey

Application February 27, 1946, Serial No. 650,624
18 Claims. (Cl. 123—140)



1. A fuel supply system for an internal combustion engine, comprising a first conduit for air flowing into said engine for combustion purposes, means in said first conduit effective to produce an air pressure differential that is a measure of the air flow; a second conduit for fuel flowing into said engine, a metering orifice in said second conduit, the fuel pressure differential across said orifice being a measure of the fuel flow therethru, and a fuel meter responsive to said air pressure differential effective to vary said fuel pressure differential whereby said fuel flow is proportional to said airflow; an injector pump mechanism for delivering fuel to said engine, means in said mechanism to vary the rate of said fuel delivery, a passage for flow of fuel discharged from said metering orifice to said injector pump mechanism, and hydraulic motor means for positioning said delivery varying means; means for controlling said motor means including a valve having a normal position in which said motor means is stationary and effective upon opposite movements from said normal position to cause operation of said motor means in opposite directions, and means responsive to the metering orifice discharge pressure for operating said valve.

2,437,378

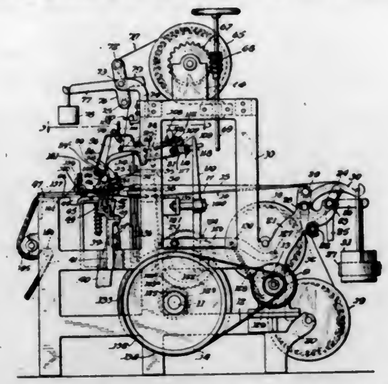
METHOD OF AND APPARATUS FOR WEAVING

Eugene F. Clark, Damariscotta, Maine, assignor to Marshall Field and Company, Chicago, Ill., a corporation of Illinois

Application December 6, 1944, Serial No. 566,853
44 Claims. (Cl. 139—46)

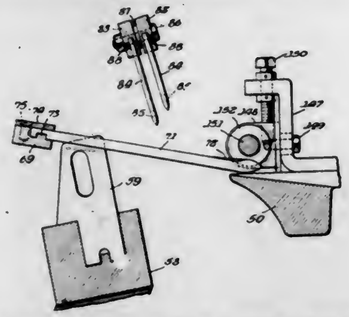
1. A loom attachment for weaving pile fabrics comprising in combination with a loom, a series of spaced fingers mounted on the loom forward of the harness and extending parallel with the warp, a series of spaced pile yarn feeding guides having eyelets therein through which strands of pile yarn are threaded movably mounted above the spaced fingers, means whereby the said feeding guides are shifted transversely to predetermined positions above the spaced fingers and

moved into and out of the warp whereby the pile yarn is looped over the spaced fingers and means



for beating up the loops thus formed as the fabric is woven.

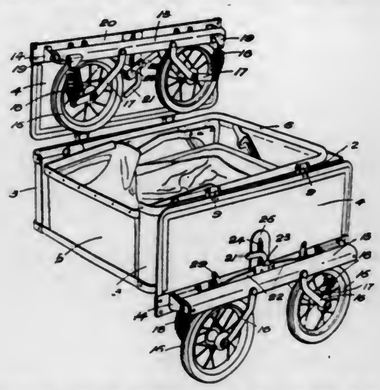
2,437,379
LOOM FOR WEAVING PILE FABRIC
Eugene F. Clark, Damariscotta, Maine, assignor to Marshall Field and Company, Chicago, Ill., a corporation of Illinois
Application April 8, 1946, Serial No. 660,573
12 Claims. (Cl. 139—46)



1. In combination with a loom, a plurality of spaced fingers extending warpwise of the loom, a pair of frames vertically movable on the said loom, a pile thread guide bar slidably mounted on said frames, pile thread guides in said bar, means whereby the said pile thread guides are shogged to various positions over the said fingers and means whereby the said frames are moved in vertical planes thereby carrying the pile thread guides into the shed of the loom.

2,437,380
COLLAPSIBLE CARRIAGE
Leonard Cooklin and Thomas Roy Hollis, Birmingham, England, assignors to Charles Twigg & Company Limited, Birmingham, England, a British company
Application August 23, 1945, Serial No. 612,148
In Great Britain September 12, 1944
10 Claims. (Cl. 280—37)

1. A collapsible carriage of the type forming a portable case when collapsed comprising, a body portion, lid panels at opposite sides of said body portion, wheels for supporting the opposite sides of the carriage secured to the lid panels and mounted so as to be swung upwardly away from one another and downwardly to be brought into operative position, metal stiffening means forming a ring around the exterior of said body portion when the carriage is collapsed, said ring



including hinges whereby said lid panels are pivotally mounted to the opposite sides of said body portion, fastening devices whereby said lid panels can be secured in their collapsed position, and locking means for securing said lid panels to the sides of the body portion when in extended position.

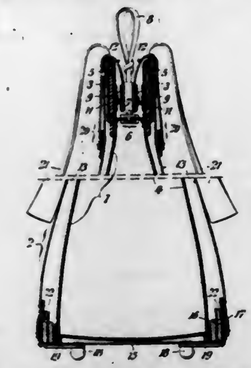
2,437,381
EMBALMING APPLIANCE
Arthur V. Cullen, Jamaica Plain, Mass.
Application January 12, 1945, Serial No. 572,533
5 Claims. (Cl. 27—1)

4. An appliance for use in closing the aperture left in the skin of a corpse by the introduction and withdrawal of a trocar, said appliance consisting of a unitary mass of material forming a truncated conical screw-threaded body portion and an axially thin disk-like head to which the larger end of the body portion is joined, both head and body portion being of circular section in planes perpendicular to the axis of the body portion, the maximum diameter of the screw-threaded body portion being greater than the normal diameter of the aperture formed by the trocar whereby when the appliance is screwed into the aperture, the skin bordering the aperture is gradually distended and a leak-tight closure of the aperture is produced.

2,437,382
HANDBAG PROVIDED WITH REMOVABLE, WASHABLE COVER
Eva A. Czap, Philadelphia, Pa.
Application February 1, 1946, Serial No. 644,891
3 Claims. (Cl. 150—28)

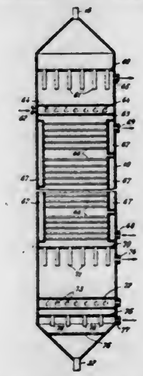
2. A handbag consisting of inner and outer elements, the inner element being in the form of a complete bag and made of relatively stiff material, and the outer element consisting of a

piece forming the two sides of the handbag and a separate piece forming the bottom thereof, said pieces being of washable material, a concealed stiffening frame for the bottom piece comprising two hoops fitting one within the other with



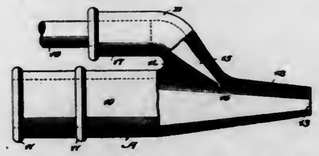
the fabric of the bottom piece frictionally held therebetween and otherwise unattached to said stiffening frame, and fastener means for detachably securing the inner and outer elements together, and means for detachably securing the bottom piece with its frame to said sides.

2,437,383
CRACKING PROCESS
Swanton D. Dalton, Summit, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
Application May 2, 1946, Serial No. 666,796
5 Claims. (Cl. 196—55)



1. A process for conversion of hydrocarbons by contact with a hot granular solid at conversion temperature followed by cooling the reaction mixture below conversion temperature which comprises heating said solid to a temperature in excess of the said conversion temperature, passing the heated solid downwardly through a contacting zone including an upper reaction section, an intermediate cooling section and a lower quenching section, passing hydrocarbon reactants in direct contact with hot granular solid in said reaction section to produce vapors heated to reaction temperature, removing the hot vapors from said reaction section, passing the removed vapors in direct contact with granular solid in said quenching section to thereby reduce the temperature of said vapors and circulating a fluid heat exchange medium in indirect heat exchange relationship with said solid in said cooling section to reduce the temperature of the said solid therein.

2,437,384
SANDING DEVICE FOR RAILWAY ROLLING STOCK
Norman E. Gee, Narberth, Pa.
Application April 17, 1947, Serial No. 742,119
1 Claim. (Cl. 291—46)

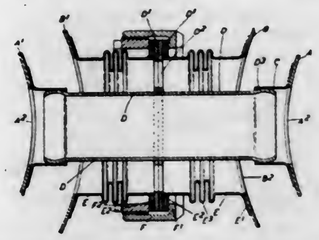


A sanding nozzle for directing sand onto railway rails adjacent the wheels of rolling stock, comprising a hollow distensible sanding body of resilient rubber, said body including a cylindrical portion having an integral exterior rib at one free end and a second integral and exterior rib spaced therefrom, said ribs being adapted to prevent the dislocation of attaching means surrounding said body portion between said ribs, said body also including an exteriorly and interiorly frustro-conical portion integral at its wider end with said cylindrical portion and having its smaller diameter at its free open end, and a compressed air inlet distensible member formed integrally with said body and of resilient rubber, said inlet member being disposed laterally of said body and including a cylindrical portion disposed parallel to said cylindrical body portion, said cylindrical inlet member portion being formed for connection to a compressed air line, said inlet member also including an exteriorly and interiorly frustro-conical portion having an axis forming an obtuse angle with the axis of said cylindrical portion of the inlet member, said frustro-conical inlet member portion thus forming a frustro-conical passage having its smaller diameter remote from the cylindrical portion of said inlet member and communicating at its smaller end with the conical body portion intermediate the ends therof, the axis of said frustro-conical passage in said inlet member forming an acute angle with the axis of said frustro-conical body portion whereby an air stream from the air line is deflected at the bend of the two inlet member portions and distends said conical body portion laterally or in the plane of said body and inlet member to dislodge frozen said and the like closing the open end of said conical body portion.

2,437,385
JET PROPULSION PLANT
Frank Bernard Halford, Edgware, England, assignor to The De Havilland Aircraft Company Limited, Edgware, England, a company of Great Britain
Application July 20, 1943, Serial No. 495,516
In Great Britain November 21, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires November 21, 1961
6 Claims. (Cl. 285—90)

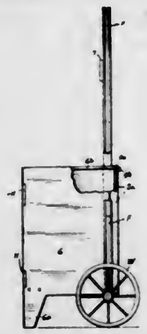
1. In apparatus of the character described, in combination with adjacent chambers adapted to be subjected to high heat and an air jacket for each of said chambers, tubular means forming a

connection between adjacent chambers, tubular means forming a connection between adjacent jackets and concentric with said first named connection to form an annular passageway therebetween, said connections respectively constituting lateral passages between said chambers and said jackets, said connection between said jackets including a pair of similar outer tubular members connected at one end to a jacket and constituting



a branch therefrom, said connection between said chambers including a pair of similar inner tubular members having at one end a sliding connection associated with the wall of a chamber, each of said outer and inner tubular members having a flange at its end remote from the jackets and chambers, said flanges adapted to be against each other, and means for clamping said flanges together to couple simultaneously the passages between the jackets and chambers.

2,437,386
COLLAPSIBLE CART
Milton Hochron, New York, N. Y.
Application February 18, 1947, Serial No. 729,238
3 Claims. (Cl. 280—36)



1. A collapsible cart which comprises a rear frame, wheels turnably connected to the bottom portion of said rear frame, a rear body wall which is fixed to said rear frame, a bottom body wall turnably connected to said rear frame at the bottom thereof, the width of said bottom wall being less than the width of said rear wall, a front wall turnably connected to the front edge of said bottom wall, said bottom wall and said front wall being of equal width, side walls turnably connected to said front wall at its vertical edges, said side walls being of less width than said bottom wall and said front wall, said side walls being turnable in overlapping relation against the inner face of said front wall, said side walls having legs in the same planes as said side walls at the corners between said front wall and said bottom wall, said bottom wall and said front wall being turnable relative to each other into the same plane, said legs overlying the innerface of said bottom wall when said side walls are turned to said overlapping relation, said bottom wall being turnable relative to said rear wall to a position in which one of said overlapping side walls abuts the inner face of said rear wall, means to hold said rear walls assembled with said other walls, said walls forming a box-like structure when said side walls are parallel to each other, and the rear edges of said side walls abut said rear wall, said legs then depending below said bottom wall at the front corners of said bottom wall to serve as a supplementary support to hold said box-like body in upstanding position, and connecting means which connect said side walls to said rear wall when said side walls are parallel to each other in order to maintain said box-like structure.

2,437,387
PROCESS FOR THE HARDENING OF SOIL AND THE LIKE
Ronald Mortimer Hodgson, London, England
No Drawing. Application July 1, 1946, Serial No. 680,841. In Great Britain July 11, 1945
12 Claims. (Cl. 61—36)

1. A process of hardening the soil which consists essentially in treating the soil with a solution of a material selected from the group consisting of calcium and magnesium chlorides, and with a solution of a material selected from the group consisting of sodium and potassium hydroxides, and thereafter treating the soil with a solution of sodium silicate.

2,437,388
2-OXAZOLIDONE COMPOUNDS AND PROCESS FOR PREPARING THE SAME
August H. Homeyer, Webster Groves, Mo., assignor to Mallinckrodt Chemical Works, St. Louis, Mo., a corporation of Missouri
No Drawing. Original application February 13, 1942, Serial No. 430,741. Divided and this application February 16, 1946, Serial No. 648,206
24 Claims. (Cl. 260—307)

1. The method of making 2-oxazolidones which are substituted in the 3-position which comprises mixing a monoethanolamine, the α carbon atom being primary, a dialkyl carbonate and an alkaline metallic compound catalyst under substantially anhydrous conditions, and condensing the moisture-free mixture to directly form a 2-oxazolidone.

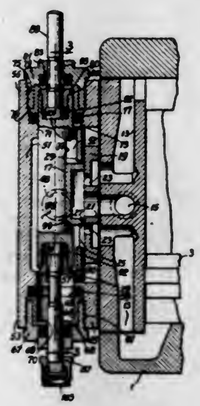
2,437,389
OXAZOLIDONES AND PROCESS FOR MAKING THE SAME
August H. Homeyer, Webster Groves, Mo., assignor to Mallinckrodt Chemical Works, St. Louis, Mo., a corporation of Missouri
No Drawing. Original application February 13, 1942, Serial No. 430,741. Divided and this application February 16, 1946, Serial No. 648,207
19 Claims. (Cl. 260—307)

1. The method of making 2-oxazolidones which are twice substituted in the 4-position which comprises mixing a β-alkyl β-amino alcohol in which the amino group is attached to a tertiary carbon atom, a dialkyl carbonate and an alkaline metallic compound catalyst under substantially anhydrous conditions, and condensing the moisture-free mixture to directly form a 2-oxazolidone.

2,437,390
2-OXAZOLIDONE COMPOUNDS AND PROCESS FOR PREPARING THE SAME
August H. Homeyer, Webster Groves, Mo., assignor to Mallinckrodt Chemical Works, St. Louis, Mo., a corporation of Missouri
No Drawing. Original application February 13, 1942, Serial No. 430,741. Divided and this application February 16, 1946, Serial No. 648,208
15 Claims. (Cl. 260—307)

1. The method of making 2-oxazolidones which are substituted in the 4-position which comprises mixing a β-amino alcohol in which the amino group is primary and is attached to a secondary carbon atom, a dialkyl carbonate and an alkaline metallic compound catalyst under substantially anhydrous conditions, and condensing the moisture-free mixture to directly form a 2-oxazolidone.

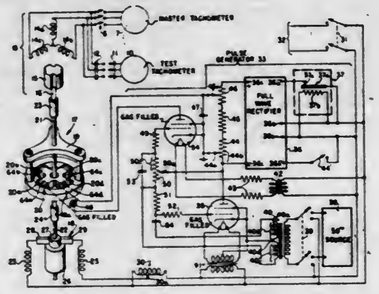
2,437,391
QUICK-ACTING VALVE MECHANISM FOR ACTUATING THE DISTRIBUTING VALVE OF EXPANSIBLE CHAMBER MOTORS
Victor G. Klein and Rudy F. Schneller, St. Louis, Mo., assignors to Lincoln Engineering Company, St. Louis, Mo., a corporation of Missouri
Application April 13, 1946, Serial No. 661,976
7 Claims. (Cl. 121—152)



1. In apparatus of the character described, a casing formed to provide a chamber for fluid pressure intermediate longitudinally spaced bores, each of said bores opening into said chamber, a double-ended piston reciprocable in said casing and having its ends slidable in said bores, said ends having a sufficiently loose fit in said bores to permit passage of fluid therebetween, a packing in each bore adapted to engage the end of the piston therein in fluid-tight relation when said end is moved into said packing, the length of said piston and the spacing of said packings being such that when one end of the piston is withdrawn from the packing in one bore, the other end of the piston is moved into the packing in the other bore, whereby fluid pressure from the casing is admitted to said one bore and cut off from the other.

6. In apparatus of the class described, stepped cylinder means for accommodating stepped piston means comprising a member having a counterbore, a ring packing in the base of said counterbore, a hat-shaped member in the counterbore, said hat-shaped member forming a cylinder and having an outer rim seating on said packing and having a crown including an opening, a member threaded into the counterbore around said hat-shaped member, said threaded member having an opening and a counterbore, and a second packing in the last-mentioned counterbore which is held by the crown of said hat-shaped member.

2,437,392
SYNCHRONOUS DRIVING APPARATUS
Ludvik J. Koci, Chicago, Ill., assignor to Sunbeam Corporation, Chicago, Ill., a corporation of Illinois
Application October 27, 1944, Serial No. 560,701
11 Claims. (Cl. 172—293)



9. In combination with a rotatable element and non-synchronous means for driving said element either at a predetermined base speed or at any one of a plurality of speeds which are integer multiples of said base speed, the apparatus for sustaining rotation of said element exactly at any selected one of said speeds which comprises relatively rotatable rotor and stator structures, a torque transmitting connection between said rotor structure and said element, stationary supporting means for said stator structure, said structures having relatively rotatable teeth which are periodically brought into registry at a rate determined by the selected speed of rotation of said element, a winding carried by one of said structures, and means for periodically delivering current pulses to said winding at a rate such that the occurrence of said pulses is synchronized with full registration of said teeth only when said element is driven by said non-synchronous means exactly at a selected one of said speeds, whereby rotation of said element exactly at a selected one of said speeds is sustained by the synchronizing torque resulting from a non-synchronous relationship between the occurrence of said pulses and full registration of said teeth and rotating torque is transmitted to said stator structure in response to transient changes in the speed of said element, and damping means interconnecting said supporting means and stator structure to damp out said transient changes in the speed of said element.

2,437,393
WEED PULLER
Lester F. Kramer, Enumclaw, Wash.
Application June 24, 1946, Serial No. 678,815
4 Claims. (Cl. 294—50.6)

3. A weed pulling implement comprising an elongated handle, a pair of flexible spring legs projecting from the handle at one end and having their outer portions converging, said converging

portions being provided with outwardly extending portions adapted to overlap one another when



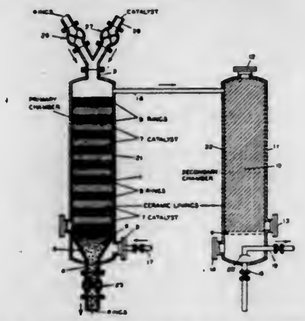
the legs are twisted by rotation of the handle, and a foot depressor carried by the handle.

2,437,394

CATALYTIC PROCESS FOR THE ISOMERIZATION OF HYDROCARBON VAPORS IN THE PRESENCE OF A METAL-HALIDE CATALYST

Harold R. Legatski, Bartlesville, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware

Application August 11, 1945, Serial No. 610,339
4 Claims. (Cl. 260—683.5)



1. In a continuous catalytic process for the isomerization of hydrocarbon vapors in the presence of a metal halide catalyst the method which comprises passing the hydrocarbon vapors to be isomerized into the bottom end of a catalyst zone charged with alternate layers of metal halide catalyst and granular inert members, said catalyst zone having a bottom inlet end and a top outlet end with respect to hydrocarbon flow, maintaining said catalyst zone under isomerizing conditions, removing hydrocarbon vapors and vaporous metal halide catalyst from the outlet end of said catalyst zone, and continuously adding alternate layers of metal halide catalyst and granular inert members to the outlet end, and removing said granular inert members from the inlet end of said catalyst zone.

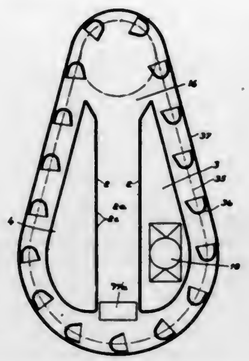
2,437,395

APPARATUS FOR TREATING GRANULAR MATERIALS

Folke Gösta Robert Magnusson, Stockholm, and Gustav Valdemar Öholm, Nockeby, Sweden

Application July 23, 1943, Serial No. 495,904
In Sweden June 20, 1942
5 Claims. (Cl. 34—102)

1. An apparatus for treating materials comprising two substantially vertical, stationary end walls, two substantially horizontal hollow bodies located between and fixed to said end walls and having mutually facing walls spaced from one another to form a vertical shaft between the hollow bodies, said mutually facing walls having perforations for the passage of a medium from one hollow body to the other right across the shaft, inlet and outlet pipes for the medium in said end walls communicating with the interior of the hollow bodies, guide means above the hollow bodies, an endless conveyor arranged between the end



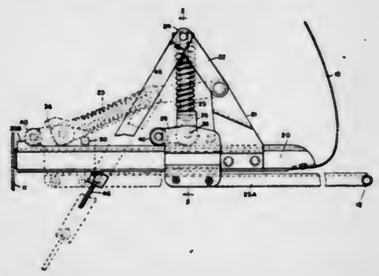
walls and depending from said guide means and extending about the outer surfaces of the hollow bodies, an inlet pipe in one end wall for directing material to be treated on to the lower portion of the conveyor, and an outlet pipe in the other end wall for receiving treated material falling from the upper portion of the conveyor.

2,437,396

BRAKE APPLYING MECHANISM

Charles S. McCarthy, Birmingham, Mich., assignor to American Forging and Socket Company, Pontiac, Mich., a corporation of Michigan

Application December 28, 1944, Serial No. 570,082
13 Claims. (Cl. 74—516)



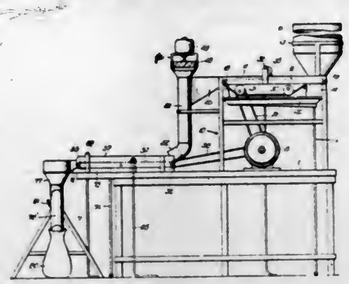
1. In brake operating means an element connected in operative relation to and movable to apply said brakes, a stationary rail, a slide movable lengthwise thereof, a link pivoted at one end to said slide and at its other end to said movable element, a stationary standard, a fulcrum link pivoted at one end to said standard and at its other end to both said element and said first-mentioned link, means for moving said slide and links, whereby to cause said first-mentioned link to change position from an initial position at an acute angle with said rail toward normalcy therewith when said slide is moved in one direction to thereby move said brake applying element.

2,437,397

DELINTING COTTON SEED

Price C. McLemore, Montgomery, Ala., assignor to Delinted Seed Company, a corporation of Delaware

Application September 13, 1944, Serial No. 553,820
5 Claims. (Cl. 47—58)



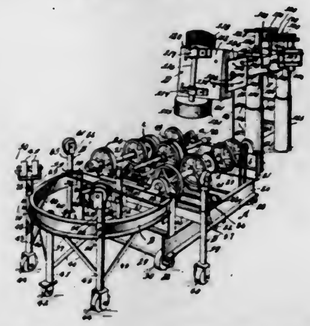
2. The method of delinting cotton seed which comprises causing the seed to travel within a spray zone, spraying gasoline upon the seed while traveling in said spray zone, immediately transferring the wet seed to a burning zone and causing it to travel therein, projecting a flame against the seed while traveling in said burning zone and while still wet with said gasoline so as to burn the lint off the seed, and then projecting a quenching spray on the seed for quenching any residual lint on the seed which may continue to smolder or burn.

2,437,398

BUFFING MACHINE

Oliver W. Mojonnier, River Forest, Ill., assignor to Mojonnier Bros. Co., a corporation of Illinois

Application March 15, 1946, Serial No. 654,623
17 Claims. (Cl. 51—50)



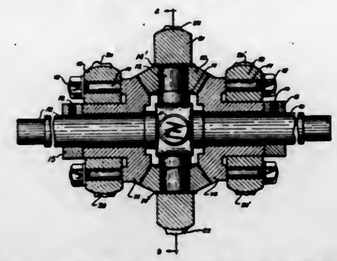
1. A buffing machine comprising a turntable for receiving the work to be buffed, a movable support for said turntable, friction gearing upon said movable support engaging the underside of said turntable near its periphery, a motor for driving said friction gearing, a horizontal support having a projecting end, a positively driven buffing wheel mounted on the projecting end of said support and operative to buff the rotating piece of work upon the turntable, and means for shifting said turntable support relative to said horizontal support and for raising and lowering the latter whereby the buffing wheel is caused to do its work of buffing.

2,437,399

MULTIPLE AIRSCREW DRIVEN FROM A COMMON SHAFT

James F. Morgan, Orlando, Fla.

Application January 25, 1945, Serial No. 574,571
7 Claims. (Cl. 170—135.5)



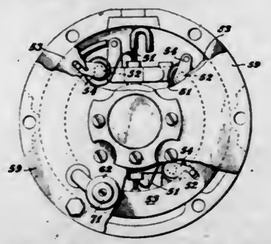
1. In a multiple air screw, in combination, a rotatable shaft, a spider fixed on said shaft between its ends and having radial arms, beveled gears carried by said arms, a ring gear driven by said beveled gears, blades mounted on said spider, and blades secured to and rotatable by said ring gear.

2,437,400

ENGINE STARTING MECHANISM

Romeo M. Nardone, Teaneck, N. J., assignor to Bendix Aviation Corporation, Teterboro, N. J., a corporation of Delaware

Original application April 8, 1941, Serial No. 387,541, now Patent No. 2,331,077, dated October 5, 1943. Divided and this application September 1, 1943, Serial No. 500,831
4 Claims. (Cl. 171—323)



1. In a commutator-type electric starter motor, the combination of a spring for each brush arranged to press its brush toward the commutator, an oscillatable shaft for each spring arranged to vary the stated pressure of its respective brush in accordance with the angular movement of the shaft without lifting the brushes from the commutator, a manually operable means operatively connected with each shaft to turn them all through substantially the same angle upon a manual operation of said means, and a means for retaining the manually operable means in its last-set position.

2,437,401

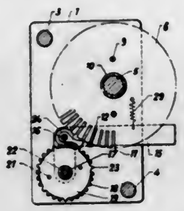
TIME CONTROLLING MECHANISM

Carl Erik Jean Nilson, Storgatan, Angelholm, Sweden

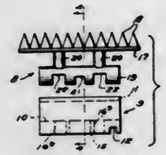
Application January 7, 1946, Serial No. 639,661
In Sweden January 26, 1945
6 Claims. (Cl. 161—2)

1. In combination, a cylinder rotated at a speed proportional to the elapse of time, a movable

member, a roll rotatably mounted on said member and movable therewith, means for imparting step-wise rotary movement to said roll during rotation of said cylinder, peripheral projections on said roll, and pins settable in selected positions on the periphery of the cylinder and coacting, in predetermined relative positions of the cylinder and roll, with said projections to displace said roll and actuate said movable member.

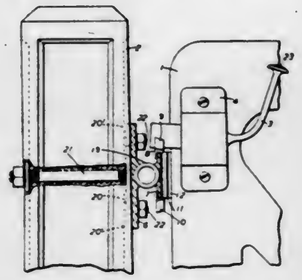


2,437,402
VIBRATOR ATTACHMENT FOR ELECTRIC RAZOR ACTUATING INSTRUMENTS
Orion R. Palmer, Jr., Beverly Hills, Calif.
Application May 31, 1944, Serial No. 538,141
2 Claims. (Cl. 128—49)



1. A vibrator attachment for mechanical-electric dry razor actuating means comprising in combination, an adapter in the form of a rectangular block having predetermined proportions, the outer half portion of said block having a longitudinal channel opening through opposite transverse ends of the block and forming a slideway, said channel further opening into an entrance slot which, in turn, opens through the outer longitudinal face of said block, the bottom of the block having a keeper notch at one end, a centrally elongated slot, and pin accommodating holes on opposite sides of the ends of said slot, said slot and pin holes opening into said slide-way, and a vibrator head comprising a substantially rectangular plate provided on its outer face with a multiplicity of massaging teats, and provided on the opposite inner face intermediate and inwardly of outer transverse ends with a pair of duplicate spaced parallel right angularly disposed studs, said studs extending into said entrance slot and being provided on their inner ends with a cylindrical reciprocating member, said member being operable in said slide-way, the studs being at right angles to the plate and member and said member being parallel and spaced in relation to the plate, the lower half portion of said cylindrical reciprocating member being provided with a central notch and a pair of larger and keeper notches on opposite sides of said central notch.

2,437,403
FASTENING AND HOLDING DEVICE FOR DOORS, GATES, AND THE LIKE
Charles John Rice, Bexleyheath, England
Application May 6, 1946, Serial No. 667,659
In Great Britain March 25, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires March 25, 1964
12 Claims. (Cl. 292—340)



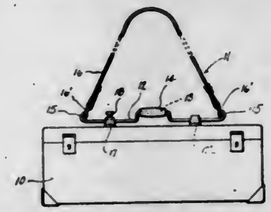
1. A fastening device for cooperation with a latch, said device including a body portion, a keeper for cooperation with the latch concerned and an abutment for the gate for which the device is intended, the said keeper and abutment being mounted for sliding movement with respect to said body portion and means being provided for offering resilient opposition to said sliding movement.

2,437,404
GOLF CLUB GRIPS
Albert P. Robinson, Seattle, Wash.
Application March 17, 1944, Serial No. 526,857
3 Claims. (Cl. 273—81)



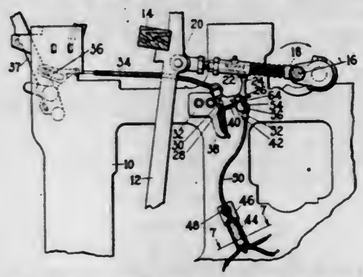
3. A golf club comprising a head formed with a ball engaging front face and a shaft having a gripping portion formed with two longitudinally extending and projecting ribs in positions thereon to accommodate, respectively, the gripping of the club by the right hand and by the left hand, each rib positioned to serve as an abutment for the thumb and stabilizer for the fingers of the hand that is applied thereto; said ribs being located on front and back sides of the shaft, that rib at the back side extending along the upper part only of the gripping portion and that rib at the forward side extending along the lower part only of the gripping portion, and each, respectively, permitting substantial shifting of the hand therealong to extend or shorten the grip relative to the club head, and said shaft having a longitudinal flattened area adjacent its upper end in position to seat the heel of the upper hand thereagainst when said hand grips the club for normal use.

2,437,405
CARRYING DEVICE
Albert P. Robinson, Seattle, Wash.
Application December 4, 1945, Serial No. 632,714
6 Claims. (Cl. 224—45)



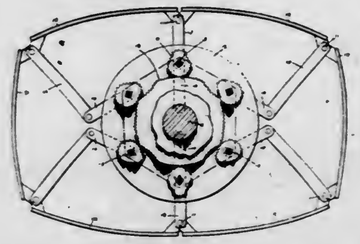
1. A carrying device comprising a resilient bar of substantial length, formed intermediate its ends with a hand grip portion, and a shoulder strap fixed at its ends to the bar ends, and mounting blocks on the bar at opposite sides of the handle portion, and adjustable therealong and adapted for attachment to the object to be carried.

2,437,406
LOOM STOP MOTION
Leonard M. Rogers, Mendon, Mass., assignor to Draper Corporation, Hopedale, Mass., a corporation of Maine
Application January 2, 1947, Serial No. 719,874
8 Claims. (Cl. 139—353)



1. In a loom stop motion having a source of electric energy, an electric loom-condition detector, a regularly moving actuator, and a normally idle knock-off movable into the path of the actuator to initiate loom stoppage, in combination therewith: electromechanical means to move the knock-off into the path of the actuator, said means comprising electromotor means and mechanical power transmitting means connected to and arranged for actuation by said electromotor means; said electromotor means including a generally upright hollow cylindrical casing having ends the upper one of which is provided with a headed and threaded plug having a centrally located threaded opening, a solenoid coil fitted within the casing with its bore generally upright, a non-magnetic electrically conductive sleeve electrically connected to one end of said coil and arranged partly within the coil bore and extending outwardly from the lower end thereof, a solenoid core including a cylindrical solenoid core body slidably fitted within the sleeve and provided with an axially extending bore and electrical insulation on the lower end of the core body and within the bore thereof, a shunt circuit including contact means comprising a compressible spring and contact in the lower end of said casing and normally compressed by said core body and insulation and arranged to rise into electrical contact with said sleeve to close the shunt circuit when released by upward movement of the core body incident to energization of said coil; said power transmitting means comprising rod means passing through said opening and secured at one of its ends within said core body bore and positioned at its other end to actuate said knock-off, and means including an anchorage and a flexible spiral wire sheath kinked near each end surrounding and guiding said rod means and with its lower kinked end tightly fitted within said opening and with its upper kinked end in the anchorage, said anchorage positioning said rod means for cooperation with said knock-off; and electrical circuit means including connectors connecting said electric energy source, said detector, and said solenoid coil in a series electrical circuit and said shunt circuit in shunt relation to said detector.

2,437,407
TRACK WHEEL FOR VEHICLES
Otto Singer, London, England
Application August 12, 1946, Serial No. 689,936
In Great Britain August 22, 1945
6 Claims. (Cl. 305—6)

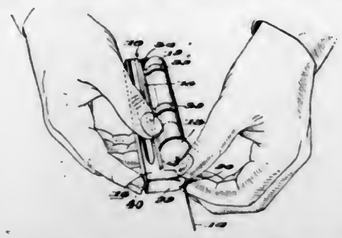


1. A track wheel comprising a plurality of hingedly connected track elements, a hub member and a plurality of crank axles supported thereby, a crank on each such axle, a link connecting each such crank to a hinge joint between track elements, and gearing interconnecting such crank axles adapted to maintain pre-determined angular relations between the positions of the respective cranks as they rotate.

2,437,408
BLOOD DRAWING INSTRUMENT
John C. Soet, Grand Rapids, Mich.
Application July 25, 1946, Serial No. 686,250
6 Claims. (Cl. 128—276)

1. A blood drawing instrument comprising an elongated handle having a head portion extending laterally from one end thereof, carriage means reciprocable longitudinally of the handle on the side toward which the head portion extends, a blood vial detachably engaged by the carriage means for reciprocation therewith and having perforable sealing means at the end adjacent the head portion, a needle adapted to perforate said

sealing means and conduct blood into the vial and resilient needle-clamping means cooperable with the head portion of the handle releasably to engage the needle intermediate its length and maintain it against longitudinal movement with



one end in position to perforate the sealing means when said sealing means is reciprocated into engagement therewith, said needle-clamping means and head portion being constructed and arranged to discharge the needle from one side of the head portion.

2,437,409

ACTIVATING AND ELECTROPLATING STAINLESS STEEL

William M. Tucker, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

No Drawing. Application August 22, 1945, Serial No. 612,138

5 Claims. (Cl. 204—49)

1. The method of activating, and prolonging that activation, of the surface of stainless steel alloys having normally a passive surface which comprises making the alloy the cathode in an electrolytic bath composed essentially of nickel chloride and hydrochloric acid, electrolyzing the bath at a current of 100 to 300 amperes per square foot of cathode area for 2 to 4 minutes followed by a continuation of the electrolyzing at 15 to 50 amperes per square foot of cathode area for 15 to 30 minutes, whereby an active surface is established on the alloy which will persist for a substantially long period.

2,437,410

MANUFACTURE OF HYDROXY ACIDS

Karl Heinrich Walter Tuerck, Banstead, and Hans Joachim Lichtenstein, Epsom, England, assignors to The Distillers Company, Limited, Edinburgh, Scotland, a British company

No Drawing. Original application November 20, 1943, Serial No. 511,120, now Patent No. 2,411,700, dated November 26, 1946. Divided and this application June 11, 1946, Serial No. 676,094. In Great Britain April 28, 1942

7 Claims. (Cl. 260—530)

1. A process for the manufacture of alpha-chloro-beta-hydroxy propionic acid which comprises oxidising alpha-chloro-beta-hydroxy propionaldehyde in solution in an organic solvent substantially inert under the conditions of oxidation and not destructive of the said aldehyde and other reaction products of the process by the action of molecular oxygen, at an oxygen pressure greater than the partial pressure of oxygen in air, at a temperature between 40° and 80° C. and in the presence of vanadic acid as oxidation catalyst whilst maintaining intimate contact between said molecular oxygen and said aldehyde to produce a reaction mixture containing alpha-chloro-beta-hydroxy propionic acid.

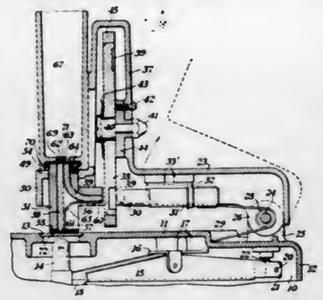
2,437,411

DENSITOMETER

Clifton M. Tuttle, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

Application November 8, 1945, Serial No. 627,373

13 Claims. (Cl. 88—14)



1. A densitometer comprising in combination a support, two matched light sources mounted on said support in spaced relation and shielded from one another; a window disposed in the path of the rays of one of said light sources and over which a photographic negative the density of which is to be measured is adapted to be disposed for illumination; a density wedge movable across the path of the rays of the other light source; a first rod of light transmitting material on said support for transmitting the light passing through said negative to a matching field; the light entering end of said rod being disposed adjacent the surface of said negative, the other end of said rod constituting a matching field and having a plane side extending longitudinally of the rod; a second rod of light transmitting material on said support for transmitting the light passing through said density wedge to a matching field; the exit end of said rod having a plane side extending longitudinally of the rod, and constituting a second matching field, said rods so disposed relative to one another that the plane side of the exit ends thereof are in abutting relation but separated to prevent optical contact and the exit ends of the two rods constitute the matching fields and in combination form a comparison field having a line of demarcation which will substantially disappear when the two fields making up the comparison field are matched in intensity by rotation of said density wedge.

2,437,412

LATENT IMAGE INTENSIFICATION WITH SULFUR DIOXIDE

Walter J. Weyerts and Charles W. Wiederhold, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

No Drawing. Application July 26, 1945, Serial No. 607,273. In Great Britain November 8, 1944

5 Claims. (Cl. 95—6)

1. The method of increasing the sensitivity of a gelatino-silver halide emulsion layer, which comprises exposing said layer to an actinic light image, immersing the undeveloped layer in an aqueous solution of an alkali metal salt of an oxygen acid of sulfur which produces sulfurous acid in solution, said first-mentioned solution having a pH below about 6 and being free of photographic developing agent and other antioxidant, removing the layer from the solution and storing it in air for an appreciable period of time and then developing an image in said layer.

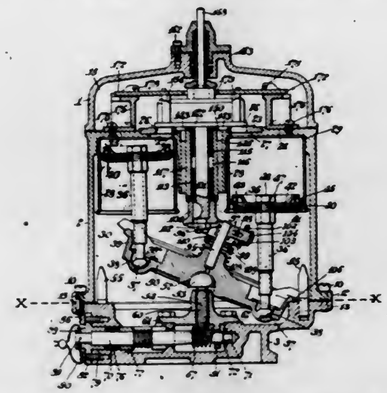
2,437,413

METER WITH CYLINDERS PARALLEL TO THE DRIVE SHAFT

David S. Willson, Muskegon Heights, Mich., assignor to John Wood Manufacturing Company, Inc., Philadelphia, Pa., a corporation of Delaware

Application March 2, 1946, Serial No. 651,447

3 Claims. (Cl. 121—119)



1. A meter body comprising a casing, a plurality of piston cylinders, a hub bearing for a meter crankshaft, a plurality of radial ribs extending from said hub bearing on radii running from the axis of said hub bearing to the centers of said piston cylinders and forming outlet ports around said hub bearing, and bifurcated arcuate arms at the outer ends of said ribs encompassing said piston cylinders.

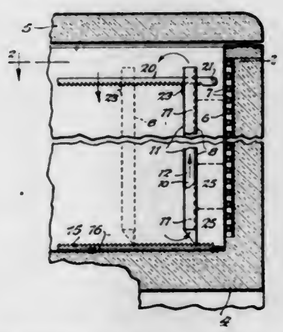
2,437,414

METHOD AND APPARATUS FOR QUICK-FREEZING FOODS

Joseph A. Archbald, Jr., Buffalo, N. Y.

Application May 23, 1945, Serial No. 595,313

9 Claims. (Cl. 62—173)



1. An adjustable partition member for use in a refrigerator cabinet having a wall provided with means through which a refrigerant may be circulated for chilling said wall and the air in said cabinet to a temperature at which articles of food become frozen, said member being made of a heat conducting material and extending substantially parallel to said wall and being out of contact with said refrigerant, and means for adjustably holding said member in position to press an article to be frozen against said wall and to conduct heat from said article through said member only to the air in said cabinet.

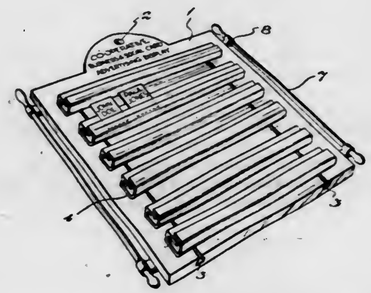
2,437,415

COOPERATIVE SOCIAL AND BUSINESS CARD DISPLAY

Clifton V. Berry, New York, N. Y.

Application October 12, 1943, Serial No. 505,936

5 Claims. (Cl. 40—124)



1. A card displaying device comprising a back board formed with vertically extending channels spaced from each other transversely of the board and having throats of reduced width opening through the front face of the board, card holders extending transversely of said board one above another with portions crossing the channels, posts carried by said card holders and passing through the throats into said channels, and resilient cross strips carried by said posts and disposed within the channels transversely thereof in frictionally gripping engagement with walls of the channels to hold the card holders to the backboard and maintain the card holders in vertically adjusted positions.

2,437,416

DEEP AND SHOAL ALARM

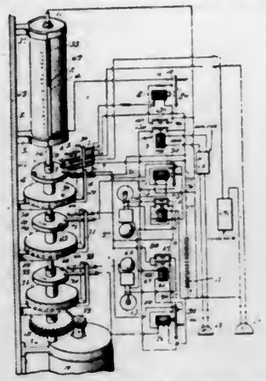
Timothy Franklin Bludworth, Summit, N. J., assignor to National-Simplex-Bludworth, Inc., a corporation of Delaware

Application November 7, 1941, Serial No. 418,135

11 Claims. (Cl. 177—311)

1. In a depth finder, a lamp, a signal transmitter and a receiver adapted to receive the echo from the transmitter, circuits for said lamp, transmitter and receiver, a constantly rotating cam means, contacts actuated by said cam means on the zero point of its rotation to close the circuit to the transmitter and the circuit to the lamp, means to maintain the lamp circuit closed until the echo is received, means to open the lamp circuit when the echo is received, a deep alarm, means to operate the deep alarm when the depth exceeds a predetermined value, and to prevent its operation when the depth is less than said predetermined value, said last named means including a relay, means whereby

the relay when operated continues to be operated until reset, and means controlled by said cam



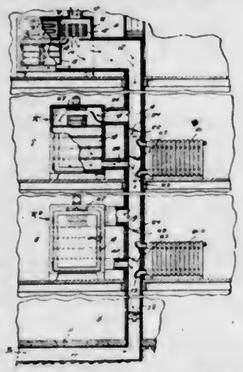
means to reset the relay when the cam means has almost completed its revolution.

2,43

REFRIGERATING AND CONDITIONING APPARATUS

Esther D. Bookman, New York, N. Y.

Application December 20, 1944, Serial No. 569,029
9 Claims. (Cl. 62—129)



1. A refrigerating and air conditioning apparatus comprising an automatic refrigerator having a refrigerating chamber, a food storage means, a space for the circulation of cold air from the refrigerating chamber about said storage means, and an automatic refrigerating unit including an evaporator arranged in said refrigerating chamber, and a room cooling radiator located outside the refrigerator and having an inlet communicating said space and an outlet communicating with said chamber so as to provide a closed air circulating system from said chamber through said space and said radiator back to said chamber.

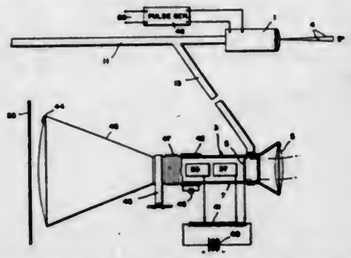
2,437,418

TELEVISION IMAGE TUBE

Madison Cawein, Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation, a corporation of Indiana

Application May 11, 1945, Serial No. 593,154
10 Claims. (Cl. 178—6.8)

1. A television system for reproducing an image of an object comprising means for generating a light beam and for projecting it upon said object, an image tube comprising a photosensitive member, optical means for projecting the light reflected by said object upon said photosensitive member to develop an electron image representative of the brightness values of the area of the object illuminated by said beam, common means for moving said light beam, said image tube and



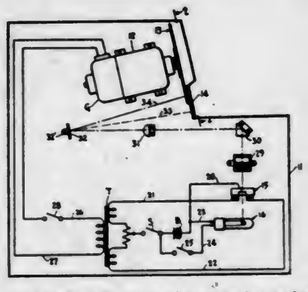
said optical means in unison to sweep said object with said light beam in accordance with cyclically recurring scanning patterns and to direct at each instant said optical means towards said illuminated area, a screen, and means for developing a light image on said screen composed of extended adjacent image areas, each being representative of an instantaneous electron image.

2,437,419

STROBOSCOPIC LIGHT VALVE CHECKING MACHINE

James Patrick Corcoran, West Los Angeles, Calif., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif., a corporation of New York

Application July 12, 1944, Serial No. 544,525
10 Claims. (Cl. 88—14)



1. In a machine for checking light valves having vibratory ribbons with a light slit therebetween, means for projecting an image of said light valve slit onto a viewing screen, means for vibrating the ribbons of said valve, and means for stroboscopically scanning said image lengthwise of said slit in timed relation to the vibrations of said ribbons.

2,437,420

VULCANIZABLE COPOLYMERS OF A VINYL ARYL COMPOUND, BUTADIENE, AND VINYL ETHERS

Gaetano F. D'Alelio, Northampton, Mass., assignor to Pro-phy-lac-tic Brush Company, Northampton, Mass., a corporation of Delaware

No Drawing. Application February 25, 1944, Serial No. 523,899
7 Claims. (Cl. 260—86.5)

1. A composition comprising the polymerization product of a mixture comprising 30 to 90 parts of a compound having the structure $CH_2{=}CR'Z$ where R' is selected from the group consisting of hydrogen and a methyl radical and Z is an aryl radical, 2 to 70 parts of a butadiene-1,3 having the formula

$$CH_2{=}\underset{R}{C}{-}\underset{R}{C}{=}CH_2$$

where R is a radical selected from the group consisting of hydrogen, alkyl, aryl, and cycloaliphatic radicals which are free of ethylenic unsaturation, and 2 to 40 parts of a monovinyl ether having the structure $CH_2{=}CHOR''$ where R'' is a hydrocarbon radical having not more than 6 carbon atoms and which is free of ethylenic and acetylenic unsaturation, the major component of said mixture being selected from the group consisting of said butadiene and the compound having the structure $CH_2{=}CR'Z$.

2,437,421

VULCANIZABLE COPOLYMERS OF ACRYLONITRILE, BUTADIENE, AND VINYL ETHERS

Gaetano F. D'Alelio, Northampton, Mass., assignor to Pro-phy-lac-tic Brush Company, Northampton, Mass., a corporation of Delaware

No Drawing. Application February 25, 1944, Serial No. 523,900
7 Claims. (Cl. 260—84.5)

1. A composition comprising the polymerization product of a mixture comprising 30 to 90 parts of a compound selected from the group consisting of acrylonitrile and methacrylonitrile, 2 to 70 parts of a butadiene-1,3 having the formula

$$CH_2{=}\underset{R}{C}{-}\underset{R}{C}{=}CH_2$$

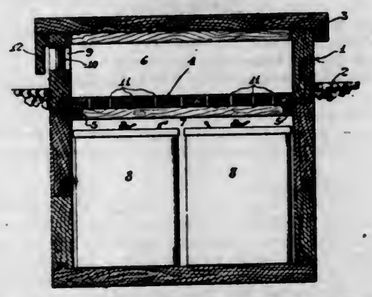
where R is a radical selected from the group consisting of hydrogen, alkyl, aryl, and cycloaliphatic radicals which are free of ethylenic unsaturation, and 2 to 40 parts of a monovinyl ether having the structure $CH_2{=}CHOR'$ where R' is a hydrocarbon radical having not more than 6 carbon atoms and which is free of ethylenic and acetylenic unsaturation, the major component of said mixture being selected from the group consisting of said acrylonitriles and said butadiene.

2,437,422

PROTECTIVE GAS-PERMEABLE CONTAINER FOR AIR-DEPOLARIZED CELLS

Le Roy S. Dunham, East Orange, N. J., assignor to Thomas A. Edison, Incorporated, West Orange, N. J., a corporation of New Jersey

Application August 24, 1944, Serial No. 551,023
7 Claims. (Cl. 136—172)



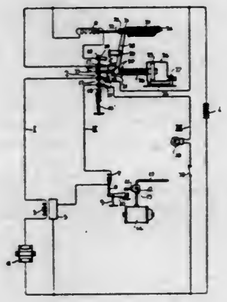
1. In combination, an air-depolarized cell, and a substantially-closed protective housing enclosing said cell and having a wall portion of porous material, said wall portion having such area, thickness and porosity as to pass oxygen of the air into said housing by molecular diffusion as the oxygen in the housing is consumed by said cell.

2,437,423

BRAKE CONTROL DEVICE

Carolus L. Eksergian, Detroit, Mich., assignor to The Budd Company, Philadelphia, Pa., a corporation of Pennsylvania

Application March 12, 1945, Serial No. 582,345
4 Claims. (Cl. 188—181)



1. In a brake control device, a brake cylinder having means for supplying it with pressure fluid under an operator's control, means responsive to wheel slip for reducing the brake cylinder pressure to prevent the wheel from reaching a sliding state and holding said pressure reduced a predetermined time sufficient to allow the wheel to regain substantially its normal speed after slipping, said means including a common source of electrical energy and primary and secondary circuits including said source, the primary circuit being adapted to be closed incident to wheel slip, means actuated by the closing of said primary circuit to close said secondary circuit and to hold it closed said predetermined time, safety means comprising a cut-out switch operative to open both said circuits, means for delaying the opening of said switch after the closure of said secondary circuit for a period appreciably longer than said predetermined time, and means for holding said cut-out switch open with the wheel slip responsive means rendered inoperative to control the brake cylinder pressure until the cut-out switch is manually restored to closed position at any time after the condition that caused the prolonged closure of the secondary circuit has been corrected.

2,437,424

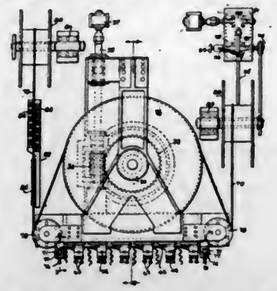
STEEL WOOL MACHINE

George B. Galvin, Springfield, Ohio

Application January 21, 1943, Serial No. 473,131
8 Claims. (Cl. 29—4.5)

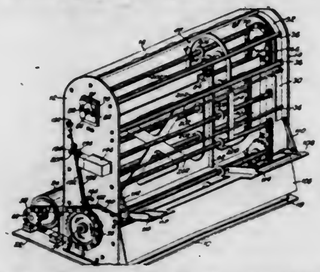
1. A cutting tool for a wool producing machine which consists of a base member, a tool holder, a support block, a support shaft for said support block, means adjustably mounting said support block on said shaft for moving the support block normal to the shaft and substantially parallel

thereto, means for rotatably adjusting said support block upon said shaft, and means adjustably



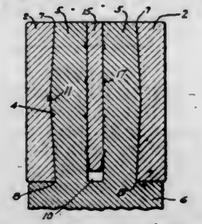
mounting said tool holder upon said support block for rotation at right angles to said shaft.

2,437,425
AMMUNITION CONTAINER
William V. Goodhue, Ipswich, and James P. Norton, Beverly, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application December 19, 1945, Serial No. 635,867
3 Claims. (Cl. 312—96)



1. An ammunition container comprising a casing having a delivery opening, means for supporting a round outside said opening and accessible to a gunner, power means for conveying successive rounds within said casing and through said opening, and a trigger mechanism operated by the weight of a round on said supporting means for terminating the operation of said power means, the said container forming a transportable and protective ammunition storage unit.

2,437,426
TOOL HANDLE FASTENING
George R. Hess, Washington, D. C.
Application April 18, 1947, Serial No. 742,414
7 Claims. (Cl. 306—33)

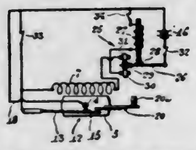


1. A tool handle fastening comprising a tool head provided with a handle-receiving aperture having substantially concave facing wall surfaces, a handle having an end portion engageable with said aperture, said end portion formed with substantially flat outer surfaces and further formed with a kerf having substantially convex facing wall surfaces, and wedging means engageable with said kerf to displace the material of said handle laterally whereby to cause a flattening of the convex surfaces of said kerf and thereby to bow the flat outer surfaces of the handle into the concave wall portions of the tool head aperture.

2,437,427
INSECTICIDAL COMPOSITIONS COMPRISING A PHENYL ESTER OF CAPRYLPHENOXYACETIC ACID
William F. Hester, Drexel Hill, and W E Craig, Philadelphia, Pa., assignors to Röhm & Haas Company, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application June 14, 1945, Serial No. 599,509
12 Claims. (Cl. 167—30)

1. An insecticidal composition comprising as a toxic agent a water-insoluble, organic solvent-soluble phenyl caprylphenoxyacetate dispersed in a carrier.

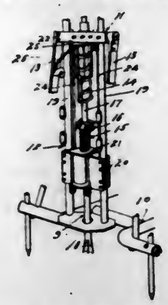
2,437,428
ELECTRIC MOTOR SYSTEM AND METHOD OF CONTROLLING THE SAME
John Hornbostel, Glen Ridge, N. J., assignor to Thomas A. Edison, Incorporated, West Orange, N. J., a corporation of New Jersey
Application May 19, 1943, Serial No. 487,829
10 Claims. (Cl. 318—330)



1. In a motor system including a field coil and a rotor: the combination of a field circuit for connecting said coil to a source of electric power; a first circuit interrupter serially included in said field circuit and operated according to the positioning of said rotor; and a second circuit interrupter also serially included in said field circuit and time-controlled to operate at a predetermined frequency.

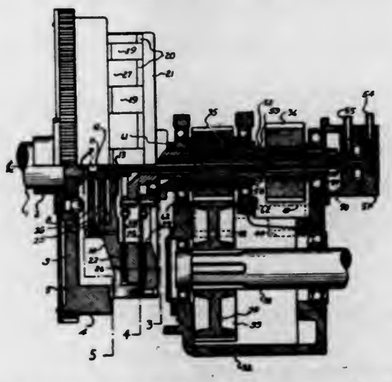
2,437,429
BUFFER SPRING DEVICE FOR DRILLING MACHINES
Albert Hossfeld, Winona, Minn.; The Merchants National Bank of Winona, administrator of said Albert Hossfeld, deceased
Application January 19, 1944, Serial No. 519,071
7 Claims. (Cl. 267—1)

1. In a device of the class described, a structure having a spring base, means for reciprocating the structure at high speed, a sleeve extending through the spring base for relative endwise movement, said sleeve having at one end a spring seat and at its other end portion a plurality of parallel serrations, a sectional serrated collar applied to the serrated end portion of the sleeve and having serrations matching the serrations on the sleeve, the sections of the serrated collar being separable by relative lateral movement, means holding the sectional collar contracted onto the sleeve, a spring compressed between the spring base and the spring seat and yieldingly holding the collar in engagement with the spring base, and a tool extending through the sleeve for relative reciprocation and which is thrown to its



work by the reciprocating structure, said tool during movement to its work engaging the sleeve, compressing the spring and moving the collar away from the spring base, the expansion of the spring returning the tool from its work.

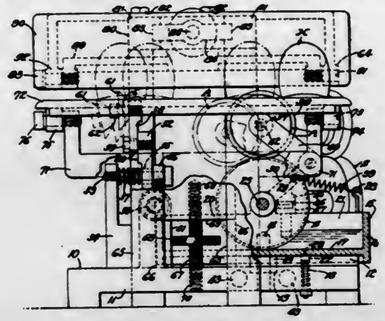
2,437,430
HYDRAULIC CLUTCH CONTROL
Frank Lendrum Lawrence, Vancouver, British Columbia, Canada
Application October 29, 1945, Serial No. 625,189
5 Claims. (Cl. 192—86)



1. A clutch mechanism comprising a flywheel having a hub, said hub having a piston intermediate its length, a cylinder slidable upon the hub and enclosing the piston, a shaft aligned with the hub, said shaft having a driving element non-rotatably secured thereto, a clutch plate secured to said shaft, a flange having a clutch face carried by the flywheel in proximity to the clutch plate, a flange extending from the cylinder non-rotatively coupled to the flywheel, and means for delivering fluid under pressure to the cylinder to move the cylinder flange to engage the clutch plate and drive the shaft.

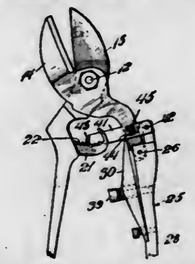
2,437,431
INKING AND EDGE SETTING MACHINE
George W. Liberty, South Lynnfield, Mass., assignor to National Development Company, Lynn, Mass., a corporation of Massachusetts
Application October 5, 1945, Serial No. 620,576
9 Claims. (Cl. 12—42)

1. A machine for finishing a concave edge portion of a shoe heel, such as the concave edge portion of a toplift attached to a shoe heel, comprising means for guiding the movement of said heel to cause said concave portion to travel along a predetermined path, means for applying ink to said edge portion, an edge setting iron, means for supporting the ink applying means and said iron for movement toward and from spaced positions projecting into said path, and resilient means tending to move the ink applying means and said



iron toward their respective spaced positions projecting into said path whereby when said heel is moved in one direction along said path the ink applying means is moved away from its position projecting into said path and then in engagement with said edge portion to ink the latter and then said iron is moved away from its position projecting into said path and then in engagement with said edge portion to set it.

2,437,432
TOOL
Rene Martines, Cranston, R. I.
Application October 1, 1946, Serial No. 700,438
5 Claims. (Cl. 30—252)



1. In a device of the class described, a pair of members having work engaging jaws at one end thereof, means connecting said members together for movement toward and from each other, one of said members being shorter than the other member, a lever, a pivot mounting said lever intermediate its ends on the shorter member and extending from the shorter member into opposed relation with the longer member to form a hand grip on one side of the pivot and a power arm on the other side of the pivot, resilient means engaging the lever and shorter member and holding said lever so as to move as one with the shorter member until a predetermined resistance is met whereupon the lever will then swing on its pivot, means for transmitting movement of said lever about its pivot to said longer member including a link extending between said power arm and longer member and pivoted to one of them and

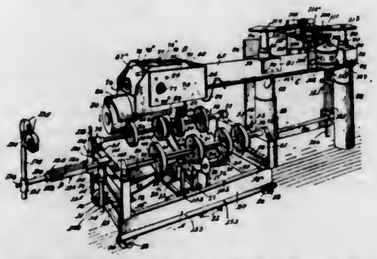
including means having steps fixed to the other of them and so arranged that said link will clear said steps and means responsive to movement of said lever on its pivot to swing said link into engagement into said steps for transmitting movement from said arm to said longer member.

2,437,433
CABLE BENDING PLIERS
Eric P. McNair, Mattoon, Ill.
Application April 12, 1946, Serial No. 661,580
1 Claim. (Cl. 81—15)



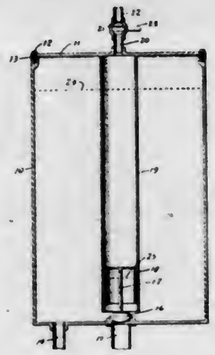
In a tool of the pivoted, cross-lever type, pivotal means about which the levers pivot, said pivotal means fixedly attached to one lever and journalled in the other lever to provide for pivoting, each of said levers having a shoulder adjacent the pivot point, a first U-shaped hook in which one side of the U is attached to said pivotal means and extends outwardly from the shoulder of the other lever, the other open side of said hook extending inwardly toward the shoulder of said other lever, the other open side of said hook being shorter than the side attached to the pivot thus providing a gap between the open side of the U-shaped hook and the outer face of said other lever, a similar second hook attached to the outer face of the shoulder portion of said other lever in parallel alignment with and faced in the same direction as said first hook so that an object may be readily inserted in both hooks when the tool is in closed position and the object thereby broken or bent when said tool is opened to the open position.

2,437,434
BUFFING MACHINE
Oliver W. Mojonnier, River Forest, Ill., assignor to Mojonnier Bros. Co., a corporation of Illinois
Application August 20, 1945, Serial No. 611,545
21 Claims. (Cl. 51—103)



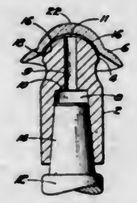
18. A device of the class described comprising a movable main supporting frame, a plurality of rotary elements upon said frame for engaging the work, said elements being mounted for rotation upon parallel axes, means mounted upon said main frame operable to rotate the work resting upon said elements, a pair of fixed vertical posts, vertical supports guided upon said posts, a horizontal support fixed to said vertical supports and having a free projecting end, screw and nut mechanism for raising and lowering said vertical supports and said horizontal support with reference to said posts, a positively driven buffing wheel mounted on the free end of said horizontal support, and means for shifting said main frame toward and from said posts.

2,437,435
FLUSH TANK
Stanley H. Moyer, San Francisco, Calif., and Lawrence R. Jensen, Salt Lake City, Utah
Application May 28, 1945, Serial No. 596,332
6 Claims. (Cl. 4—28)



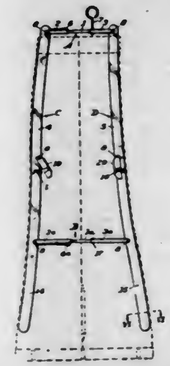
1. A flush tank comprising a fluid tight receptacle, means connecting said receptacle with a source of liquid under pressure, a discharge opening in said receptacle, a valve normally closing said opening, a float normally tending to open said valve but prevented from floating by pressure within the receptacle, and means for venting the receptacle to atmosphere to permit the float to open said valve.

2,437,436
METHOD FOR MAKING PLASTIC CONTACT LENSES
John E. Mullen, Cambridge, Mass.
Application December 15, 1947, Serial No. 791,851
6 Claims. (Cl. 51—284)



1. The method of carrying out various operations such as machining, polishing and other operational procedures on a plastic contact lens having a corneal portion and a scleral portion to provide the required final corneal lens power without having to dismount or otherwise disturb the mounting of said plastic contact lens which comprises attaching the underside of the contact lens by means of adhesion to a lens mount having a transparent area extending axially therethrough so as to visually expose the central part at least of said corneal portion for examination through said mount, mounting the attached contact lens and mount for rotation on rotating means and performing an operational procedure on said corneal portion of the contact lens, removing the said attached contact lens and mount from the rotating means, examining the optical properties of said corneal portion of the contact lens through said transparent area without dismounting the contact lens from its mount and continuing the cycle of operational procedures and testing until the required final lens power is obtained.

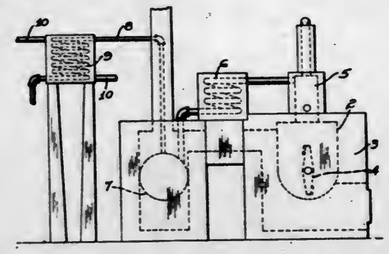
2,437,437
TROUSERS HANGER AND CREASER
Hulda C. Nelson, Pittsburgh, Pa.
Application May 24, 1946, Serial No. 672,131
1 Claim. (Cl. 223—63)



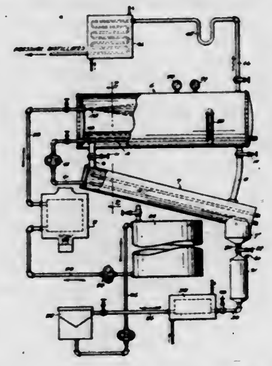
A crease-forming and restoring hanger for trousers comprising a pair of side members of thin flat form transversely hinged intermediate their ends, adjustable extensible means connecting the side members above and below the hinges, a locking means for holding the side members in an extended rigid position, said locking means comprising a slideable clamp pivotally secured on each of the side members at one side of its hinge thereof, said pivotal clamp having a central cut-out portion for spanning said hinge and end clamping portions for slidable engagement with the inner edge portions of said side members on both sides of said hinge.

2,437,438
PROCESS OF PRODUCING GASOLINE AND OTHER HYDROCARBONS FROM COCONUT OIL AND RELATED ANIMAL AND VEGETABLE OILS AND FATS
Sergius Petroff and Anthony E. Prats, Manila, P. I.
Application May 3, 1946, Serial No. 667,010
1 Claim. (Cl. 260—666)

A process of producing hydrocarbons, which comprises adding to a lime soap a high boiling point hydrocarbon oil and an excess of slack lime over the stoichiometric quantity required to combine with the lime soap and produce by a double decomposition reaction hydrocarbons and calcium carbonate, heating the admixture to a temperature sufficient to produce such a double decomposition reaction, while vaporizing and removing the produced hydrocarbons and continuously stirring the reacting mixture during such reaction.

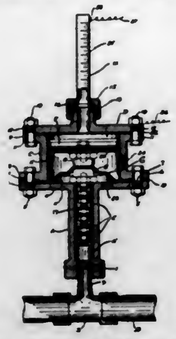


2,437,439
ART OF CONVERTING PETROLEUM CRUDES
Elmer H. Records, Tacoma, Wash.
Application October 13, 1943, Serial No. 506,109
9 Claims. (Cl. 196—59)



1. The new method of treating petroleum crudes to substantially eliminate destructive coking in heat-and-pressure conversion into products of distillation, and which consists in charging a still with a stock of the crude hydrocarbons to approximately three-elevenths of the volumetric capacity, passing the stock from the still into the lower end of a subjacent inclined retort of wide expanse and within the retort subjecting the stock to heat of internal origination removed a material distance below the ceiling wall of the retort and of sufficient intensity to boil the heaviest ends, giving access by thermal movement for return of evolved vapors from the upper limit of the retort into the still, passing off and condensing the vapors collecting in the vapor dome described above the liquid level of the still, periodically decanting heavy ends and commingled sediment from the lower limit of the retort, filtering the body so removed, and returning the filtrate to the still and additionally supplying replenishing crude to the latter as necessary to maintain the liquid level within the still, light liquid ends being pumped from the retort and, as an aspirator, pressure-injected into the still over the point of delivery of the vapors thereto for accelerating the velocity of travel of vapors passing from the retort into the still.

2,437,440
BALANCED PRESSURE GAGE AND SWITCH
Duncan L. Rigden, Oakland, Calif.
Application January 4, 1945, Serial No. 571,245
5 Claims. (Cl. 200—81.6)



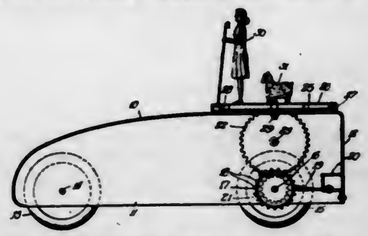
1. A balanced visual pressure gage comprising a cylinder adapted for communication with a line that carries a fluid medium under pressure, a piston mounted in the cylinder and being moved in accordance with the varying pressures of the medium in the line, a second cylinder communicating with the first cylinder, a second piston slidably mounted in the second cylinder, a flexible diaphragm separating the two cylinders and being contacted by both pistons, a transparent calibrated tube communicating with the second cylinder, and visual pressure indicating means mounted in the tube and second cylinder and actuated by the movement of the second piston for indicating the rise and fall of pressure in the line at all times, said means comprising mercury constituting a resisting force to counterbalance the pressure of the fluid medium.

2,437,441
COLORING METAL SURFACES
Linnaeus Joslyn Rogers, Toronto, Ontario, Canada, assignor to Associated Chemical Company of Canada Limited, Toronto, Ontario, Canada, a company of Canada
No Drawing. Application February 14, 1945, Serial No. 577,928
4 Claims. (Cl. 148—6.15)

1. An aqueous solution for use in a bath for coloring copper or copper alloy surfaces consisting essentially of sodium chlorite and a hydroxide selected from the group consisting of sodium hydroxide and potassium hydroxide, and a phosphate salt selected from the group consisting of trisodium phosphate, tripotassium phosphate, sodium tetraphosphate, potassium tetraphosphate, hexametasodium phosphate, hexametapotassium phosphate, pyrophosphates and polyphosphates, the concentration of the hydroxide and sodium chlorite being between: sodium chlorite—5. g./l., hydroxide—10 g./l. to sodium chlorite—saturated solution, hydroxide—1,000 g./l. and the phosphate salt being present within the range of from about 0.5% to about 3% by weight of the chlorite and hydroxide.

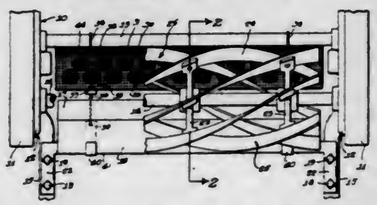
2,437,442
TOY
Eugene S. Siwiec, Chicago, Ill.
Application April 3, 1946, Serial No. 660,459
1 Claim. (Cl. 46—111)

A toy vehicle comprising a body including a top wall, a pair of spaced side walls and a rear wall, an axle set within said side walls, wheels carried by said axle for imparting rotary movement to said axle when said wheels rotate, a cylinder rigidly carried by said axle in a coaxial relation therewith, a plurality of radial projections extending from said cylinder, a plurality of tonal reeds, a sounding box affixed to said rear wall, one end of said reeds being disposed adjacent said cylinder for engagement with said projections for imparting vibratory movement to said



reeds, a pinion rigidly affixed to said axle, a gear meshing with said pinion, a platform disposed above said top wall for rotary movement thereupon, said gear extending through said top wall and engaging said platform for imparting rotary movement to the latter, and figures rigidly carried by said platform, said figures being adapted to rotate with said platform in simulation of the musical effects engendered by said sounding box.

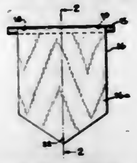
2,437,443
SHARPENING DEVICE FOR LAWN MOWERS
Albert Sporket, Detroit, Mich.
Application October 18, 1945, Serial No. 623,112
7 Claims. (Cl. 51—250)



1. A sharpening device for lawn-mowers having a bladed cutting reel, a cutter bar and a tie rod interconnecting the end plates and wheels respectively, comprising an elongated member of concavely curved cross-section engageable with the cutting reel blades and having pockets therein, loose abrasive means mounted in said pockets, and connectors extending between said member and said lawn-mower for attaching said member with said means in contacting engagement with said reel blades.

2,437,444
BANNER OR PENNANT TYPE OF DISPLAY DEVICE
Jesse Srofe, Cincinnati, Ohio
Application February 6, 1946, Serial No. 645,803
3 Claims. (Cl. 40—125)

1. A display banner comprising a half-round mounting stick, a banner attached to the flat portion of said stick, spaced adhesive mounting means on the flat portion of said stick, means for rolling said banner on said stick comprising a wrapping stick adapted to be placed between said adhesive members and against the flat portion of said mounting stick, and an adhesive mounting means at the opposite end of said banner from said mounting stick for securing



said banner in rolled position on said mounting and wrapping sticks and for securing the outer end of said banner when unwrapped to the mounting surface.

2,437,445
SOUND REVERBERATING DEVICE
John David Stack, Van Nuys, Calif., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif., a corporation of New York
Application November 7, 1944, Serial No. 562,315
15 Claims. (Cl. 178—44)



1. A reverberating device of the character described comprising a pair of spaced substantially parallel helically wound springs, fulcrumed supports connecting the adjacent ends of said springs to form a closed metallic oscillatory circuit, an electro-mechanical transducer for oscillating said circuit, and a mechanico-electrical transducer for converting said oscillations into electrical impulses.

2,437,446
GAS PULSATION DAMPENING APPARATUS
Foster M. Stephens, Los Angeles, Calif., assignor to The Fluor Corporation, Ltd., Los Angeles, Calif., a corporation of California
Application July 26, 1944, Serial No. 546,657
10 Claims. (Cl. 181—48)



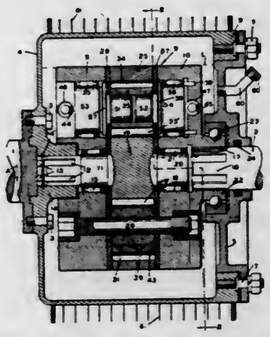
1. Apparatus for dampening pulsations created in a gas stream by a compressor, comprising an elongated shell containing a pair of relatively large chambers one having a gas inlet and the other a gas outlet, a pipe forming a relatively restricted and elongated induction passage of smaller area than said inlet and outlet interconnecting said chambers for series flow of the gas therethrough, the length of the pipe being greater than the shell length and the pipe containing a correspondingly extended pressure transmitting body of the gas.

2,437,447
FLY CATCHING DEVICE
John C. Tarbell, Springfield, Mass.
Application March 5, 1945, Serial No. 580,992
4 Claims. (Cl. 43—136)



3. As a new article of manufacture a fly catcher comprising in combination, a relatively rigid head member in the form of an annulus having an opening therethrough, a handle member having a manually engageable outer end portion and an inner portion, relatively yieldable connecting means between the inner portion of the handle member and said head member whereby said head and handle members are relatively yieldable, a cup at one side of said head member having an open mouth over the opening therethrough and having side and bottom walls, and means for releasably engaging said cup provided on said one side of said head, said releasably engaging means including members secured to said one side of said head member having portions thereof spaced from said head member forming therewith slots, and tabs extending outwardly radially from the side wall of said cup receivable in said slots, the inner surfaces of the walls of the cup being provided with a tacky adhesive.

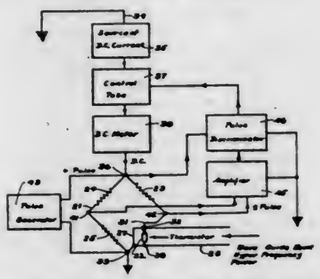
2,437,448
HYDRAULIC TRANSMISSION
Scott V. E. Taylor, Cleveland, Ohio
Application December 1, 1943, Serial No. 512,464
16 Claims. (Cl. 192—61)



1. In a hydraulic transmission, a driving member, a driven member, a rotor connected to the driven member, a gear pump associated with the rotor and comprising meshing gears journaled in the rotor and positioned within the outlines thereof, one of said gears constituting a driving

gear having an axis coinciding with the rotor axis, means for driving one of the gears from the driving member, said rotor being provided with an inlet passage from the exterior of the rotor to the pump and an exhaust passage from the pump to the exterior of the rotor and capable of discharging the liquid from the rotor at an angle to a radial line of the rotor so chosen that the reaction force produced by the discharged liquid will act on the rotor at a distance from its axis substantially greater than the pitch radius of the driving gear, and automatically operable means for maintaining a substantially constant liquid pressure in the exhaust passage.

2,437,449
REFLEX THERMAL ELECTRIC METER
Millard E. Ames, Jr., Philadelphia, and David E. Sunstein, Elkins Park, Pa., assignors to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application August 3, 1944, Serial No. 547,936
8 Claims. (Cl. 171—95)



1. In a system for measuring high frequency power; a transmission line for conducting said power; a thermistor connected in said transmission line for absorbing power therefrom; a measuring device, a source of direct current energy for operating said measuring device, a source of pulsating current and means including circuit connections from said thermistor to said source of direct current power and operated by said source of pulsating current for automatically varying said power delivered by said direct current energy to said measuring device in accordance with the variations in power absorptions of said thermistor.

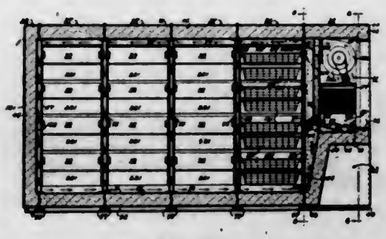
2,437,450
AROMATIC MERCURY ALCOHOLATES
Carl N. Andersen, Pleasantville, N. Y., assignor, by mesne assignments, to Gallowhur Chemical Corporation, a corporation of New York
No Drawing. Application April 14, 1945, Serial No. 588,417
19 Claims. (Cl. 260—410.5)

1. A compound of the general formula

$$(RHg)_xR_1$$

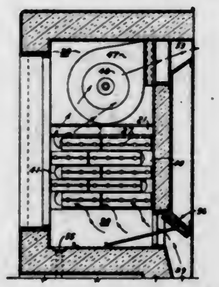
in which R represents an aromatic structure to a carbon atom of which the mercury is directly attached and in which none of the carbon atoms has direct linkage with any element other than hydrogen, carbon and mercury, in which x is a small whole number, and in which R_1 represents an oxygenated organic radical containing at least one acyl group attached thereto through an oxygen in an ester linkage, which radical is linked to the RHg group through the replacement of an hydroxyl hydrogen atom.

2,437,451
LOCKER REFRIGERATING SYSTEM
William McKinley Baird, Chicago, Ill.
Application April 27, 1944, Serial No. 532,977
10 Claims. (62—102)



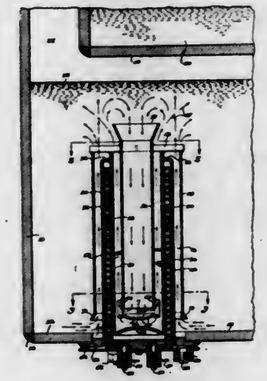
1. A refrigerating system comprising a cabinet, a plurality of tiers of imperforate drawers positioned within said cabinet, each drawer adapted to be slidably withdrawn from and returned into said cabinet from the exterior thereof, each of said tiers of drawers spaced from the ends of the cabinet and the adjacent tier at their sides and backs to provide vertical passageways, each drawer having a front panel, and a container portion spacedly attached thereto to provide a vertical passageway in front of the container portion, the top drawers of each tier spaced from the top of said cabinet to provide a horizontal top passageway, the bottom drawers of each tier spaced from the bottom of said cabinet to provide a horizontal bottom passageway, and a primary refrigerant section within said cabinet for cooling air for use as a secondary refrigerant and having means for forcing the secondary refrigerant into said top horizontal passageway, down through said vertical passageways, and thence into said bottom horizontal passageway, said cabinet having an exit passageway leading from said bottom horizontal passageway back to said primary refrigerant section.

2,437,452
FORCED AIR CIRCUIT REFRIGERATING APPARATUS
William McKinley Baird, Chicago, Ill.
Application June 12, 1944, Serial No. 539,961
3 Claims. (Cl. 62—102)



1. In an insulated chamber, a plurality of primary refrigerant conduits, and a plurality of separate individual cold conducting fins, each of said fins having a horizontal face, and substantially at right angles thereto a vertical face, each horizontal face having a raised portion, and each vertical face having an opening at the inner end of said raised portion, each fin mounted on a conduit with the conduit surrounded by and extending along said raised portion and extending through said opening, each horizontal face also having an opening therein for drainage.

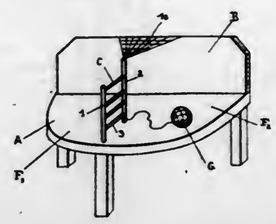
2,437,453
ELECTRICAL HEATING APPARATUS FOR LIQUIDS
Robert C. Belgau, Detroit, Mich.
Application July 9, 1945, Serial No. 603,776
9 Claims. (Cl. 219—38)



1. Heating apparatus for liquids, comprising a liquid container having an aperture in a wall thereof, a cylindrical member extending within the container and having at its lower portion a radially extending flange secured to the periphery of said aperture, a second cylindrical member within said first mentioned cylindrical member and spaced therefrom to form a cylindrical recess, means joining the upper ends of the cylindrical members in liquid-tight relation, a cylindrical electrical resistance element slidably seated in said recess, a cylindrical conduit positioned within the second mentioned cylindrical member and spaced therefrom and from said wall to permit circulation of liquid therebetween, and a cylindrical conduit positioned outside of the first mentioned cylindrical member and spaced therefrom and from said wall to permit circulation of liquid therebetween.

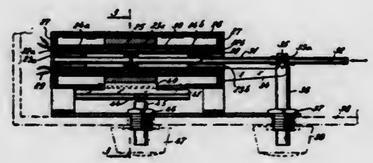
2,437,454
TETHERED BALL GAME APPARATUS
René Bergerioux, Saint-Cloud, France
Application December 29, 1939, Serial No. 311,513
In France January 7, 1939
Section 3, Public Law 690, August 8, 1946
Patent expires January 7, 1959
1 Claim. (Cl. 272—98)

A game of ball, which comprises in combination a platform, a pediment being arranged along the longest edge of the said platform, a separating unrebound partition being arranged in the shortest direction of said platform and spaced apart some distance from said pediment, in such a manner as to divide the platform into two compartments, communicating with each other through the opening between said pediment and said separating partition, and a horizontal triangular net fixed at a certain height



to said separating partition and to said pediment.

2,437,455
LOCATOR
Samuel Berman, Richmond Hill, N. Y., assignor to Waugh Equipment Company, New York, N. Y., a corporation of Maine
Application April 13, 1943, Serial No. 482,860
7 Claims. (Cl. 171—119)



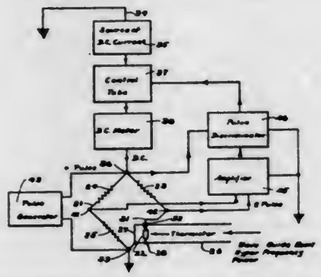
1. Apparatus for detecting the presence of metallic bodies, which comprises a detecting transformer including a primary and a secondary winding in inductive relation, a balancing transformer including a primary and a secondary winding in inductive relation, the primaries of the transformers being connected in series and the secondaries being connected in series but opposed, and a control device including a primary winding connected to a source of energy, a pair of secondary windings in inductive relation to the control primary, said control secondaries being connected in series with the transformer secondaries and with one another but in opposed relation to one another, and means movable within the field of the control primary for varying the effect of said field on the respective control secondaries.

2,437,456
METHOD OF AND APPARATUS FOR TREATING WELLS
Albert G. Bodine, Jr., Burbank, Calif., assignor to the Calpat Corporation, Los Angeles, Calif., a corporation of California
Application May 14, 1941, Serial No. 393,352
9 Claims. (Cl. 166—20)

1. The method of dislodging material clogging an opening through which it is desired to conduct a fluid, which method includes the step of: transmitting sound waves under conditions of resonance through a body of liquid contacting such material; and adjusting the sound waves within said body to bring a zone of maximum pressure variation at the opening to be cleaned thereby to

gear having an axis coinciding with the rotor axis, means for driving one of the gears from the driving member, said rotor being provided with an inlet passage from the exterior of the rotor to the pump and an exhaust passage from the pump to the exterior of the rotor and capable of discharging the liquid from the rotor at an angle to a radial line of the rotor so chosen that the reaction force produced by the discharged liquid will act on the rotor at a distance from its axis substantially greater than the pitch radius of the driving gear, and automatically operable means for maintaining a substantially constant liquid pressure in the exhaust passage.

2,437,449
REFLEX THERMAL ELECTRIC METER
Millard E. Ames, Jr., Philadelphia, and David E. Sunstein, Elkins Park, Pa., assignors to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application August 3, 1944, Serial No. 547,936
8 Claims. (Cl. 171—95)



1. In a system for measuring high frequency power; a transmission line for conducting said power; a thermistor connected in said transmission line for absorbing power therefrom; a measuring device, a source of direct current energy for operating said measuring device, a source of pulsating current and means including circuit connections from said thermistor to said source of direct current power and operated by said source of pulsating current for automatically varying said power delivered by said direct current energy to said measuring device in accordance with the variations in power absorptions of said thermistor.

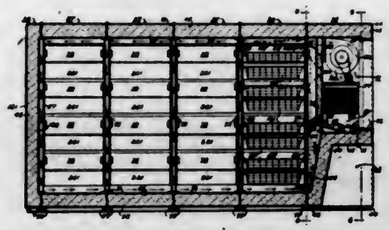
2,437,450
AROMATIC MERCURY ALCOHOLATES
Carl N. Andersen, Pleasantville, N. Y., assignor, by mesne assignments, to Gallowhur Chemical Corporation, a corporation of New York
No Drawing. Application April 14, 1945, Serial No. 588,417
19 Claims. (Cl. 260—410.5)

1. A compound of the general formula

$$(RHg)_xR_1$$

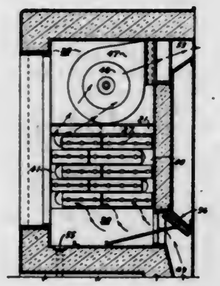
in which R represents an aromatic structure to a carbon atom of which the mercury is directly attached and in which none of the carbon atoms has direct linkage with any element other than hydrogen, carbon and mercury, in which x is a small whole number, and in which R_1 represents an oxygenated organic radical containing at least one acyl group attached thereto through an oxygen in an ester linkage, which radical is linked to the RHg group through the replacement of an hydroxyl hydrogen atom.

2,437,451
LOCKER REFRIGERATING SYSTEM
William McKinley Baird, Chicago, Ill.
Application April 27, 1944, Serial No. 532,977
10 Claims. (62—102)



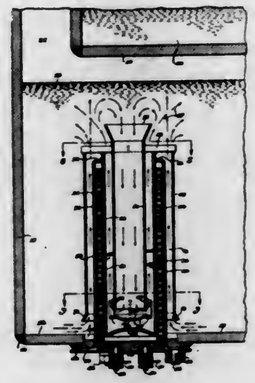
1. A refrigerating system comprising a cabinet, a plurality of tiers of imperforate drawers positioned within said cabinet, each drawer adapted to be slidably withdrawn from and returned into said cabinet from the exterior thereof, each of said tiers of drawers spaced from the ends of the cabinet and the adjacent tier at their sides and backs to provide vertical passageways, each drawer having a front panel, and a container portion spacedly attached thereto to provide a vertical passageway in front of the container portion, the top drawers of each tier spaced from the top of said cabinet to provide a horizontal top passageway, the bottom drawers of each tier spaced from the bottom of said cabinet to provide a horizontal bottom passageway, and a primary refrigerant section within said cabinet for cooling air for use as a secondary refrigerant and having means for forcing the secondary refrigerant into said top horizontal passageway, down through said vertical passageways, and thence into said bottom horizontal passageway, said cabinet having an exit passageway leading from said bottom horizontal passageway back to said primary refrigerant section.

2,437,452
FORCED AIR CIRCUIT REFRIGERATING APPARATUS
William McKinley Baird, Chicago, Ill.
Application June 12, 1944, Serial No. 539,961
3 Claims. (Cl. 62—102)



1. In an insulated chamber, a plurality of primary refrigerant conduits, and a plurality of separate individual cold conducting fins, each of said fins having a horizontal face, and substantially at right angles thereto a vertical face, each horizontal face having a raised portion, and each vertical face having an opening at the inner end of said raised portion, each fin mounted on a conduit with the conduit surrounded by and extending along said raised portion and extending through said opening, each horizontal face also having an opening therein for drainage.

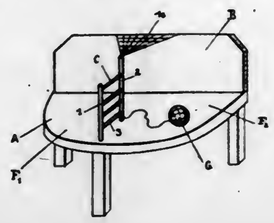
2,437,453
ELECTRICAL HEATING APPARATUS FOR LIQUIDS
Robert C. Belgau, Detroit, Mich.
Application July 9, 1945, Serial No. 603,776
9 Claims. (Cl. 219—38)



1. Heating apparatus for liquids, comprising a liquid container having an aperture in a wall thereof, a cylindrical member extending within the container and having at its lower portion a radially extending flange secured to the periphery of said aperture, a second cylindrical member within said first mentioned cylindrical member and spaced therefrom to form a cylindrical recess, means joining the upper ends of the cylindrical members in liquid-tight relation, a cylindrical electrical resistance element slidably seated in said recess, a cylindrical conduit positioned within the second mentioned cylindrical member and spaced therefrom and from said wall to permit circulation of liquid therebetween, and a cylindrical conduit positioned outside of the first mentioned cylindrical member and spaced therefrom and from said wall to permit circulation of liquid therebetween.

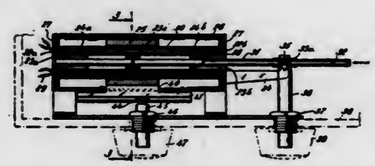
2,437,454
TETHERED BALL GAME APPARATUS
René Bergerioux, Saint-Cloud, France
Application December 29, 1939, Serial No. 311,513
In France January 7, 1939
Section 3, Public Law 690, August 8, 1946
Patent expires January 7, 1959
1 Claim. (Cl. 272—98)

A game of ball, which comprises in combination a platform, a pediment being arranged along the longest edge of the said platform, a separating unrebound partition being arranged in the shortest direction of said platform and spaced apart some distance from said pediment, in such a manner as to divide the platform into two compartments, communicating with each other through the opening between said pediment and said separating partition, and a horizontal triangular net fixed at a certain height



to said separating partition and to said pediment.

2,437,455
LOCATOR
Samuel Berman, Richmond Hill, N. Y., assignor to Waugh Equipment Company, New York, N. Y., a corporation of Maine
Application April 13, 1943, Serial No. 482,860
7 Claims. (Cl. 171—119)

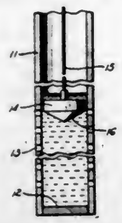


1. Apparatus for detecting the presence of metallic bodies, which comprises a detecting transformer including a primary and a secondary winding in inductive relation, a balancing transformer including a primary and a secondary winding in inductive relation, the primaries of the transformers being connected in series and the secondaries being connected in series but opposed, and a control device including a primary winding connected to a source of energy, a pair of secondary windings in inductive relation to the control primary, said control secondaries being connected in series with the transformer secondaries and with one another but in opposed relation to one another, and means movable within the field of the control primary for varying the effect of said field on the respective control secondaries.

2,437,456
METHOD OF AND APPARATUS FOR TREATING WELLS
Albert G. Bodine, Jr., Burbank, Calif., assignor to the Calpat Corporation, Los Angeles, Calif., a corporation of California
Application May 14, 1941, Serial No. 393,352
9 Claims. (Cl. 166—20)

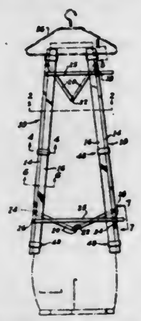
1. The method of dislodging material clogging an opening through which it is desired to conduct a fluid, which method includes the step of: transmitting sound waves under conditions of resonance through a body of liquid contacting such material; and adjusting the sound waves within said body to bring a zone of maximum pressure variation at the opening to be cleaned thereby to

thus oscillate the liquid adjacent such a material with a frequency determined by said sound waves



and with sufficient intensity to displace such material from clogging position.

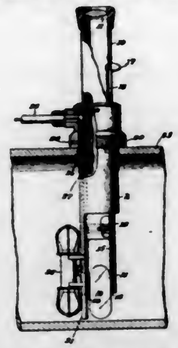
2,437,457
TROUSER-CREASING APPARATUS
Louis F. Clements, Los Angeles, Calif.
Application May 29, 1944, Serial No. 537,785
5 Claims. (Cl. 38—70)



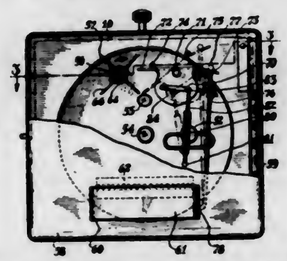
2. In combination in a creasing device: an elongated body member having a rabbet extending longitudinally thereof and providing an upstanding side rail, a side wall of said rabbet and a presser face; a presser plate disposed in said rabbet having a presser face opposing the first mentioned presser face and a side wall opposing the first mentioned side wall; and a fabric hinge comprising two fabric strips spanning a joint between the edge of the rail adjacent said rabbet and the adjacent edge of said presser plate, one of said strips being attached to outer faces of said rail and said presser plate, and the other of said strips being attached to said opposing side walls of said rabbet and said presser plate.

2,437,458
INSPECTION PERISCOPE
George S. Crampton, Philadelphia, Pa., assignor, by mesne assignments, to the United States of America, as represented by the Atomic Energy Commission
Application September 18, 1945, Serial No. 617,132
7 Claims. (Cl. 88—71)

1. An inspection instrument adapted for insertion through a small orifice into an enclosure to be inspected comprising a tube having an external diameter substantially equal to but less than the internal diameter of said orifice, an electric lamp assembly secured to an external surface of said tube and having an overall diameter substantially equal to but less than the diameter of said orifice, said tube having the portion thereof lying laterally adjacent and coextensive with said lamp assembly cut away to permit the insertion of said lamp assembly and attached tube portion through said orifice, after which said lamp may be moved laterally within said enclosure to permit insertion through said orifice of said tube, and a telescope assembly displaceably supported within said tube so that one end of said telescope assembly may be moved into and retracted from said cut away portion of the tube.



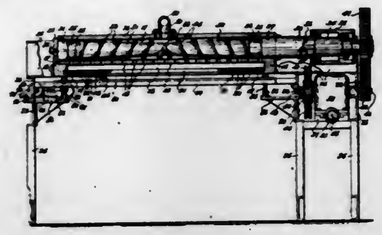
2,437,459
CLOCK
George J. Cunningham, Babylon, N. Y.
Application February 15, 1946, Serial No. 647,858
2 Claims. (Cl. 58—16)



1. Clock mechanism comprising a casing, a door hinged to said casing, alarm mechanism including a winding stem carried by said casing, an opening in said door, a closure member for said opening, means carried by the door and including resilient means movable into operative engagement with the winding stem and adapted to grip the stem when the door is closed on the casing for operating said closure member.

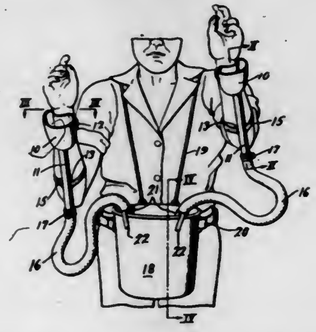
2,437,460
ALIMENTARY PASTE EXTRUSION APPARATUS
Joseph De Francisci, Brooklyn, N. Y.
Application March 28, 1944, Serial No. 528,401
8 Claims. (Cl. 107—14)

1. An extruding apparatus comprising a substantially horizontally disposed expresser head having a longitudinal bore in its upper portion and a paste intake port communicating with said bore, an elongated perforate die plate mounted in the lower portion of said expresser head beneath and parallel to the bore thereof, means providing communication between the side of said bore and said die plate, a scroll rotatable in said bore, the volumetric capacity of said scroll progressively diminishing from a maximum at a point thereof adjacent to the paste intake port



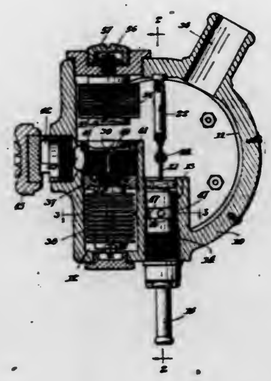
as it recedes toward an end point thereof, and an end portion of the expresser head having a clearance space to receive excess paste axially discharged from an adjacent end of said scroll.

2,437,461
DEVICE FOR CONVEYING PICKED FRUIT FROM THE HAND TO A REMOTE RECEPTACLE
Russell E. Faulkner, Chicago, Ill.
Application May 23, 1945, Serial No. 595,317
1 Claim. (Cl. 193—7)



In a device of the kind described, a hopper member comprising a cup having a large opening at the upper end thereof and a smaller opening at the bottom end, and having a wall thereof curved inwardly to conform to the contour of a human wrist and forearm, means for securing said hopper member to the arm of an operator so that the upper end thereof is in position to receive articles released from the fingers and hand, a relatively rigid conduit member in open communication with the bottom of said hopper member, means for securing said relatively rigid conduit member to the forearm of the operator, a flexible conduit member in open communication with the lower end of said relatively rigid conduit member and secured thereto, and means comprising clip-like clamps at the end of the flexible conduit member remote from the relatively rigid conduit member for securing the same to a receptacle into which articles passing from said hopper member to said conduit member may be discharged.

2,437,462
DEMAND VALVE
Frederick Ernest Joseph Frye, Weston, Ontario, and Eber Allison Pollard, Ville St. Laurent, Quebec, Canada, assignors to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada, a corporation of Canada
Application March 23, 1945, Serial No. 584,292
8 Claims. (Cl. 128—142)

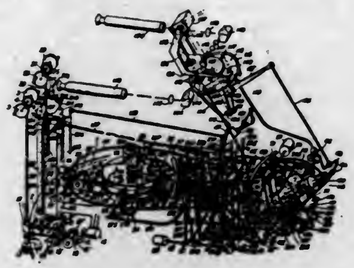


1. A demand valve for respiratory apparatus, comprising a mixing chamber having an outlet for connection to a mask and at least one inlet passage for each of two gases under different pressures, valve means in connection with each inlet passage for controlling the flow of gas therethrough, spring means normally holding the valve means for the gas under greater pressure in closed position, pressure responsive means operative in response to inspiration to open the spring pressed valve means, a restriction in the inlet passage between the low pressure side of the spring pressed valve means and the mixing chamber, a by-pass from such inlet passage between the spring pressed valve means and said restriction, and pressure responsive means subject on one side to the pressure influence of the gas under less pressure and on the other side to the pressure influence of the gas under greater pressure in said by-pass, said pressure responsive means being operatively connected with the valve means for the gas under less pressure to close said valve means under the pressure influence of the gas under less pressure and to open the said valve means under the pressure influence of the gas under greater pressure in said by-pass.

2,437,463
FIRE CONTROL INSTRUMENT
Hannibal C. Ford, Jamaica, N. Y., assignor to Ford Instrument Company, Inc., Long Island City, N. Y., a corporation of New York
Application July 21, 1928, Serial No. 294,496
37 Claims. (Cl. 33—49)

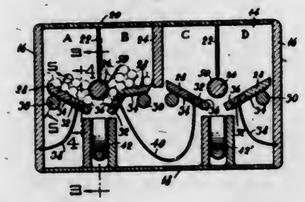
1. In a fire control instrument, the combination of a gyroscope, means settable to be self-acting to apply torques about mutually perpendicular axes of said gyroscope to precess the same in train and elevation, directional mechanism, and

independently operable connections between said gyroscope and mechanism controlled by the



former to automatically direct said mechanism in train and elevation.

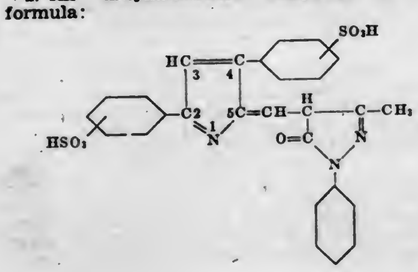
2,437,464
CIGARET DISPENSER
John J. Gerondale, Detroit, Mich., assignor of one-half to Vernon K. Stanley, Detroit, Mich.
Application July 29, 1947, Serial No. 764,292
6 Claims. (Cl. 312—83)



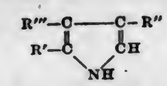
4. A dispensing device comprising a compartment having side walls and an open bottom, a pivoted door in the opening at the bottom, a floor hinged to one edge of said door, a roller adjacent the opposite edge of said door, and resilient means for urging the said opposite edge of said door toward said roller.

2,437,465
MANUFACTURE OF NEW COLORING MATTERS
Eric Paul Goodings and Maurice Arthur Thorold Rogers, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application July 9, 1943, Serial No. 494,124. In Great Britain July 13, 1942
5 Claims. Cl. 260—240)

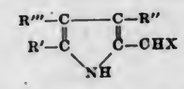
2. An unsymmetrical compound of the formula:



5. The process which comprises causing to interact a compound of the formula

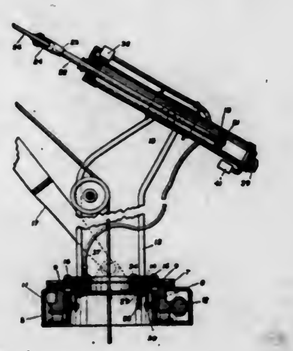


where R′ and R″ are aryl radicals and R‴ is non-reactive with aldehydes and is taken from the group consisting of hydrogen, aryl, alkyl, alkylamino, benzylidene amino and acylamino radicals, with a cyclic monoaldehyde containing a ring composed of atoms taken from the group consisting of (*a*) carbon atoms and (*b*) carbon and nitrogen atoms, said compounds being used in equimolecular proportions and only one of which contains a pyrrole radical substituted by aryl radicals in the 2- and 4-positions and recovering an asymmetrical compound of the formula



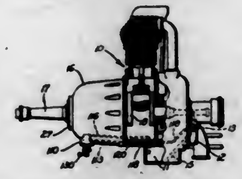
wherein R′, and R″, and R‴ have the above significance and X is a cyclic ring structure wherein the atoms are taken from the group consisting of (*a*) carbon and (*b*) carbon and nitrogen atoms.

2,437,466
HYDRAULIC HOISTING MECHANISM
Emerson Hall, Lafayette, Calif.
Application December 1, 1945, Serial No. 632,264
2 Claims. (Cl. 212—35)



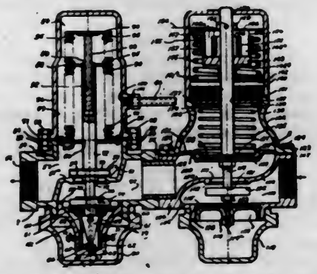
1. In a hoisting mechanism, the combination with a rotatable turntable, rotatable about a vertical axis, a boom pivotally mounted on said turntable, a pair of spaced supports mounted on said turntable, the upper ends of said supports being offset from the vertical axis of said turntable and at a point above the pivotal axis of said boom, a cylinder horizontally pivoted between said supports, a piston movable in said cylinder, a rod connecting said piston, and a cable extending from said rod to said boom at a point substantially midway of its length, whereby actuation of said piston in said cylinder will move said boom about its pivot.

2,437,467
VARIABLE-SPEED DRIVE FOR PROPELLERS
Earl R. Herring and Charles P. Sander, Glendale, Calif., assignors, by direct and mesne assignments, to Kinner Motors, Inc., a corporation
Application January 3, 1942, Serial No. 425,524
14 Claims. (Cl. 74—290)



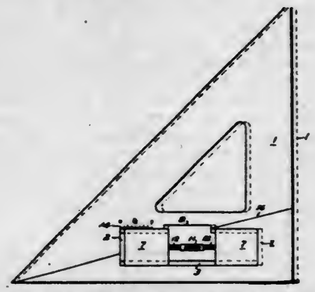
1. A variable-speed drive adapted to operatively connect an airplane engine with a propeller shaft, including: a rotary drive member; a rotary driven member; a worm gear connected with one of said members to rotate therewith; a worm mounted on the other of said members in mesh with said worm gear; a planet gear mounted on said other of said members, said planet gear being operatively connected with said worm; a sun gear in mesh with said planet gear; clutch means to control the rotation of said sun gear, said clutch means being movable to a position to operatively connect the sun gear with one of said members for rotation of the sun gear; walls forming a hydraulic chamber, said walls including a movable wall operatively connected with said clutch means; a yieldable relief valve to release fluid from said chamber in response to fluid pressure in the space; valve means movable between a first position to cut off said relief valve from said chamber while admitting fluid under pressure into the chamber and a second position to place said relief valve in communication with the chamber; and yielding means to urge said movable wall inward, said yielding means having sufficient strength to force fluid through said relief valve.

2,437,468
TEMPERATURE CONTROL SYSTEM
Rutherford H. Hunter, Wooster, Ohio
Application November 10, 1943, Serial No. 509,697
5 Claims. (Cl. 236—48)



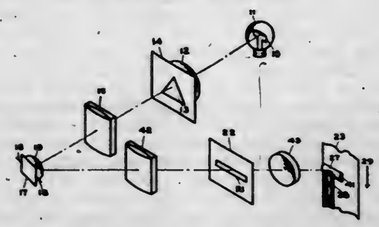
5. In apparatus for maintaining a desired temperature in an enclosed space, an enclosed casing located in said space, a normally expanded contractible container having spaced concentric contractible walls in said casing, said casing containing a volatile fluid adapted to contract said container, a valve interposed in a fuel line leading to a burner for heating said enclosed space, means operated by fluid pressure for actuating said valve, said means including a hood enclosing a bellows, means operatively connecting said bellows to said valve, a snap bellows secured to said main bellows as an extension thereto, means providing a lost motion connection between said snap bellows and said valve operating means, and a tube leading from the space between the concentric walls of said contractible container to said hood, said contractible container, tube and hood being filled with non-compressible fluid.

2,437,469
PARALLEL RULER
Julius Lachmund, San Francisco, Calif.
Application December 4, 1944, Serial No. 566,412
5 Claims. (Cl. 33—110)



5. A drafting instrument comprising a triangle having a guide slot inwardly spaced from one of its edges and having a widened section intermediate its ends, a slide mounted for reciprocating movement within the slot and comprising a pair of end pieces separately movable into sliding engagement with end portions of the slot through the widened center portion, and a turnbuckle connecting the end pieces in a desired spaced relation within the slot, the thickness of the slide being substantially the same as that of the triangle whereby the triangle and slide may lie with either face flat against a supporting surface.

2,437,470
IMPULSE RECORDING OPTICAL SYSTEM
John A. Maurer, Jr., New York, N. Y., assignor to J. A. Maurer, Inc., New York, N. Y., a corporation of New York
Original application August 2, 1940, Serial No. 349,515. Divided and this application November 21, 1944, Serial No. 564,453
7 Claims. (Cl. 88—24)



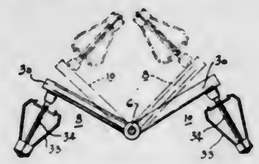
1. In an optical system, the combination of means for forming a light spot of vertically graded light flux; a mirror adapted to vibrate about a horizontal axis; means forming a horizontal slit; a recording point past which a film may move in a substantially vertical direction; first imaging means placed between said light spot and said mirror, and having first and second

conjugate foci; second imaging means placed between said mirror and said slit forming means, and having third and fourth conjugate foci; third imaging means placed between said slit forming means and said recording point, and having fifth and sixth conjugate foci; fourth imaging means placed in front of said mirror, and having seventh and eighth conjugate foci; and fifth imaging means placed between said third imaging means and said recording point, and having ninth and tenth conjugate foci: said first imaging means acting in only the horizontal plane and having said first focus at said light spot, and said second focus substantially at said mirror so that an intermediate image of said light spot is formed substantially on said mirror; said second imaging means acting in only the horizontal plane and having said third focus at said intermediate image, and said fourth focus at a position beyond said recording point; said third imaging means acting in the horizontal plane and having said fifth focus at said position, and said sixth focus at said recording point; said fourth imaging means acting in the vertical plane and having said seventh focus at said light spot, and said eighth focus at said slit; and said fifth imaging means acting in only the vertical plane and having said ninth focus at said slit, and said tenth focus at said recording point.

2,437,471

ARTICULATED BOBBIN HOLDER

William E. Moore, Philadelphia, Pa., assignor to Edward J. McBride, Philadelphia, Pa.
Application March 6, 1947, Serial No. 732,715
1 Claim. (Cl. 242—131)



In a creel, a fixed upright, a bobbin holder including a supporting arm and a bobbin-engaging element carried at one end of said arm, and means for positioning said holder on, and permitting rotation of said holder relative to, said upright, said means comprising a yoke formed at the other end of said arm, a collar between the limbs of said yoke, there being registering apertures in said collar and in said limbs of said yoke for passage therethrough of said upright and the outside diameter of said collar being greater than the diameter of the apertures in said limbs of said yoke, means for fixing said collar on said upright, a wall structure forming a rounded seat in the exterior of said collar, there being a recess formed in the end of said arm adjacent said yoke, a coil spring in said recess, and a ball intermediate said spring and said collar for yieldably pressing said ball against said collar to resist movement of said arm relative to said upright, said seat being so located with reference to said upright that when said ball engages said seat said arm will occupy a first, predetermined position in which said holder and the bobbin thereon will face toward one side of said creel, said arm being rotatable to a second position in which said holder and the bobbin thereon will face toward the opposite side of said creel to enable an operator to remove bobbins from or to replace bobbins on said holders.

2,437,472

METHOD OF AND APPARATUS FOR ROENTGENOGRAPHIC INSPECTION

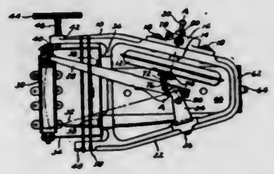
John J. Moynihan, Chicago, Ill., assignor of one-half to Joseph B. Brennan, Euclid, Ohio
No Drawing. Application February 25, 1942, Serial No. 432,286
5 Claims. (Cl. 250—65)

1. In the radiographic inspection of an article, an irreversibly-photosensitive deposit adherent to a surface of said article within an umbra formed by the interception of the incident radiation by the said article, said adherence being continuous during the exposure and development of the image produced on said deposit as a result of the transmission of said radiation through said article.

2,437,473

PRESSURE SWITCH

William L. W. Ogden, Baltimore, Md., and William R. Ryan, Fairfield, Conn., assignors to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application August 29, 1944, Serial No. 551,699
4 Claims. (Cl. 200—83)



1. In a measuring instrument, a driving unit responsive to a condition under measurement and having a deflection modulus varying with a second condition, an indicating element, means including compensation means responsive to variations in said second condition linking said driving unit and said indicating element, means for adjusting the position of said driving unit in a direction parallel to the deflections thereof, means for adjusting the position of said driving unit relative to said indicating element in a direction perpendicular to said deflection direction, and means for adjusting the position of said driving unit relative to said indicating element in a direction mutually perpendicular to each of said first two mentioned directions.

2,437,474

METHOD OF ANODIC CLEANING

Gilbert H. Orosco, Euclid, Ohio, assignor to Gilbert H. Orosco and Roland A. Whitbeck, partners, doing business as Gilron Products Company, Cleveland, Ohio
No Drawing. Application March 24, 1944, Serial No. 527,956
4 Claims. (Cl. 204—141)

3. The method of cleaning and preparing metal articles for plating, which comprises removing carbonaceous film by subjecting the article anodically to a current while immersed in an aqueous alkaline cleaning bath consisting essentially of water as a solvent and a dry solute of ingredients as follows, by weight:

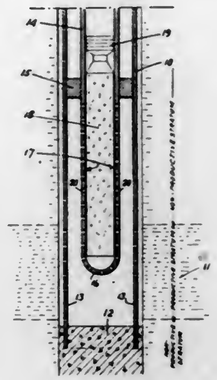
	Parts
A substance selected from the group consisting of sodium acetate and potassium acetate	5 to 50
Sodium hydroxide	10 to 55
Sodium carbonate	10 to 40

and said bath being substantially free from silicates and borates.

2,437,475

METHOD OF MITIGATING CORROSION IN WELLS

William F. Oxford, Jr., Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa., a corporation of New Jersey
Application December 5, 1945, Serial No. 632,862
3 Claims. (Cl. 252—8.55)

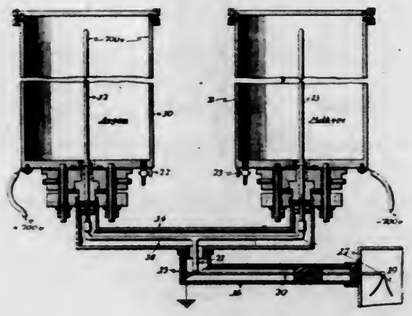


1. In the production of petroleum hydrocarbons through a well wherein the hydrocarbon flow stream contains a constituent tending to cause corrosion of the well tubing, the method of mitigating such corrosion which comprises placing within the well a granular mass of ion exchange material adapted to remove the corrosive constituent from the hydrocarbon stream by ion exchange reaction, and bringing the hydrocarbon stream in contact with the ion exchange material to remove said constituent.

2,437,476

DIFFERENTIAL TWIN CHAMBER NEUTRON METER

Herbert M. Parker, Oak Ridge, Tenn., assignor to the United States of America, as represented by the Atomic Energy Commission
Application July 8, 1944, Serial No. 544,109
4 Claims. (Cl. 250—83.6)

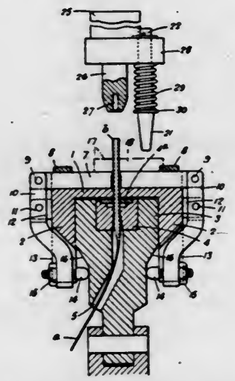


1. In combination, two spaced ionization chambers equally responsive to gamma radiation and unequally responsive to neutron radiation, and means supporting said chambers for rotation about an axis midway between said chambers so that upon being rotated 180° the two chambers mutually interchange positions, whereby differences in gamma ray ionization due to directional effects undergo a change in sign for each 180° of rotation.

2,437,477

MANUFACTURE OF ARTICLES FROM SHORT LENGTHS OF TUBES

Leslie Parkin and John Simpson, Nottingham, England
Application May 12, 1944, Serial No. 535,304
In Great Britain April 19, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires April 19, 1963
1 Claim. (Cl. 113—119)



The method of forming tubular sheet metal contact pins and the like comprising the steps of applying gripping means to a tubular end portion of a continuous strip of metal, moving a shaping tool axially over the free end thereof to form a dome-shaped end and a collar on said tubular end portion, relatively moving said strip and a shaping die to form an additional length of tubing on said strip, cutting the shaped end portion of the tube from the formed strip, releasing the shaped end portion from the gripping means and feeding a predetermined length of formed strip forward through the gripping means.

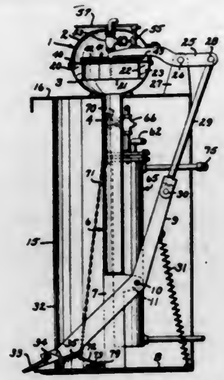
2,437,478

GARMENT CLEANING MACHINE

Ernest W. Pickett, Jr., Liberty, and Doyle E. McMullen, Houston, Tex., assignors of sixty-two per cent to said Pickett, Jr., and thirty-eight per cent to said McMullen
Application July 30, 1942, Serial No. 452,828
3 Claims. (Cl. 68—20)

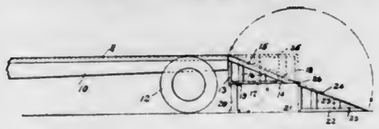
1. In a device for removing spots from fabric, a bowl having a foraminous material thereon to support the fabric to be cleaned, an annular inner support for said material disposed within said bowl beneath said material, a second bowl having outer and inner portions adapted to engage and seal with the first bowl and said support respectively, means for flushing a cleaning fluid through the inner portion of the fabric, means for lifting said second bowl to break the seals with the fabric, and means for thereafter

flushing a drying fluid through the inner portion of the second bowl to pass through the fab-



ric with a feathering action about the area of the inner seal.

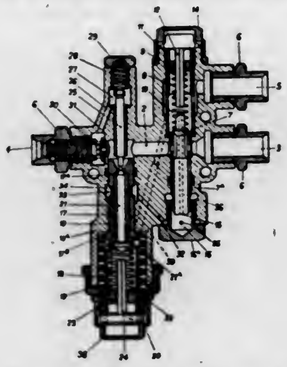
2,437,479
VEHICLE LOADING RAMP
Edwin Carl Price, Newburgh, N. Y.
Application November 29, 1945, Serial No. 631,702
1 Claim. (Cl. 214—85)



A combination like that disclosed comprising a vehicle having a load carrying platform, a structural framework of triangular form in side elevation attached to the end of said platform, and a second structural framework of similar configuration hingedly connected to said first framework, the inclined surfaces of said frameworks forming a ramp from the platform level to the ground in open position and one side of said second framework in closed position forming an extension of said platform lying in the plane thereof.

2,437,480
VALVE
Cyril Alphonso Pugh and Douglas Gerhard Booth, Ilford, and Rudolph William Rough, Romford, England, assignors to The Plessey Company Limited, Ilford, England, a British company
Application March 31, 1945, Serial No. 585,896
In Great Britain December 18, 1944
6 Claims. (Cl. 137—153)

1. A valve comprising in combination, a valve body containing a fluid pressure chamber with an inlet and outlet port for coupling to a supply and delivery line respectively and a by-pass communicating with the pressure chamber, a main spring loaded valve fitted in the by-pass actuated by a hydraulic load in said valve body and provided with means for bleeding the hydraulic load and a pilot valve control means in which a pilot valve co-operates with a movable seating and both said pilot valve and movable seating are independently spring loaded the movable seating being subjected to the supply pressure and the pilot valve, indirectly to the delivery pressure for controlling the hydraulic loading of said valve in opposition to its spring loading, the arrangement being such that, whenever, the pressure in the chamber rises above a pre-set value, said valve control means is operated, causing the hydraulic load of said main valve to increase and, therefore, open and allow

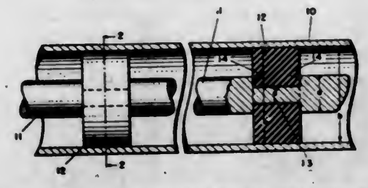


fluid entering the inlet to flow through the bypass until a lower predetermined pressure is obtained in the delivery line when said pilot valve control means returns to its normal position and thereby reduces the hydraulic load on said main valve.

2,437,481
ROSIN DERIVATIVES
Alfred L. Rummelsburg, New Castle, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application March 21, 1946, Serial No. 656,166
6 Claims. (Cl. 260—97)

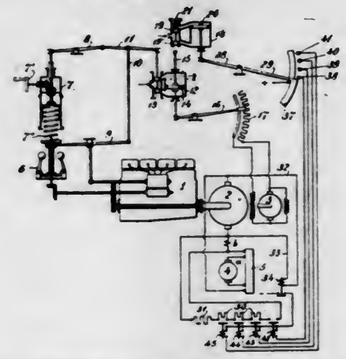
1. A cyclohexanol selected from the group consisting of rosin- and rosin ester-cyclohexanols.

2,437,482
HIGH-FREQUENCY ELECTRICAL TRANSMISSION LINE
Winfield W. Salisbury, Arlington, Mass., assignor to the United States of America, as represented by the Secretary of the Navy
Application December 7, 1942, Serial No. 468,139
7 Claims. (Cl. 178—44)



7. An electrical transmission line comprising, in combination, an outer conductor of hollow construction, an inner conductor within said outer conductor, a plurality of spaced insulators for supporting said inner conductor within said outer conductor, the dimension of at least one of said conductors being altered at each of said insulators to provide shoulders abutting surfaces of the corresponding insulator extending substantially perpendicular to said conductors for preventing longitudinal movement of said insulators with respect to said conductors, the extent of the alteration of said dimension being such as to equalize the transmission line characteristic impedance at an insulator with the characteristic impedance of said transmission line in the space between insulators.

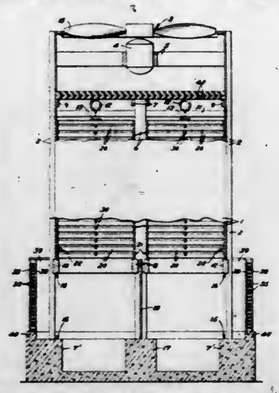
2,437,483
DIESEL-ELECTRIC VEHICLE WITH AUTOMATIC FIELD WEAKENING OF THE DRIVING MOTORS
Oscar Schläpfer, Winterthur, Switzerland, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland
Application March 7, 1945, Serial No. 581,473
In Switzerland March 9, 1944
3 Claims. (Cl. 290—17)



1. A Diesel-electric vehicle comprising a Diesel engine, a speed governor driven by the engine, electric current generating means driven by the engine, a regulating resistance in a field circuit of the generating means for regulating the output voltage of the generating means, a servomotor influenced by the speed governor and controlling the regulating resistance in such manner that the Diesel engine is always loaded to a predetermined value, at least one electric traction motor receiving current from the current generating means, a number of resistances each being connectable to and disconnectable from a field circuit of the traction motor for weakening that field, a number of switches associated individually with said resistances for connecting and disconnecting them from the field circuit, a second servomotor influenced by the first servomotor only when said first servomotor is in or near its end position for cutting out the regulating resistance of the generating means, and a contact device controlled by said second servomotor having a movable contact and several fixed contacts arranged in succession each of which controls one of said switches.

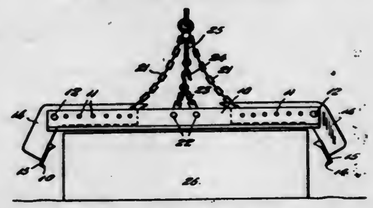
2,437,484
COOLING TOWER
Edward W. Simons, San Francisco, Calif., assignor of one-half to George W. Null, San Francisco, Calif.
Application January 22, 1945, Serial No. 573,899
9 Claims. (Cl. 261—109)

1. An induced draft cooling tower having imperforate side walls enclosing packing and having means for causing upward movement of air through said packing, a pair of spaced opposed laterally directed air inlets at the bottom of said tower for admitting said air into the lower end of said tower, a grid extending across each of said inlets, each grid comprising a substantially vertical row of vertically spaced horizontally extending strips each disposed in a horizontal plane and of airfoil cross-sectional contour with the blunt



end of each such sectional contour facing outwardly relative to the inlet across which the strip extends, the lower surface of said airfoil contoured strips being arranged at an angle relative to a horizontal plane and sloping downwardly in the direction of the trailing edge thereof.

2,437,485
BOX CLAMP
Louis Carl Sonnenschein, Milwaukee, Wis.
Application January 30, 1945, Serial No. 575,248
1 Claim. (Cl. 294—106)

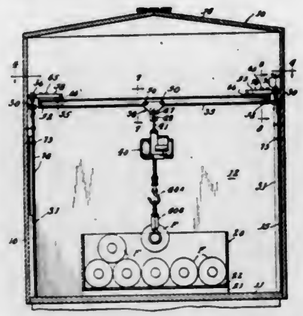


A box clamp comprising a pair of spaced parallel interconnected body members having laterally extending opposed base flanges formed integrally therewith, a pair of bell crank lifting members supported between said body members and adjacent the ends thereof for horizontal adjustment, angularly toothed clamping plates on the ends of said lifting members, flexible means connected with the inwardly directed ends of said lifting members for connection with a lifting cable, and a second lifting cable secured to said body members at a point intermediate said lifting members.

2,437,486
MATERIAL-HANDLING APPARATUS
Otto K. Staiger, Chicago, Ill., assignor to American Brake Shoe Company, Wilmington, Del., a corporation of Delaware
Application July 27, 1944, Serial No. 546,823
6 Claims. (Cl. 104—98)

2. In a material-handling apparatus for loading or unloading boxcars and the like, a pair of elongated side rail units each comprising a rail

and a plurality of detachably related supporting posts adapted to be disposed with the units against the opposite inner side surfaces of a boxcar or the like with the lower ends of the posts resting on the floor of the car and with the rails supported by the posts so as to extend from the side door of



such a car to an end thereof, and a cross rail unit affording a track adapted to support and guide a roller carriage mounted thereon for movement therealong, said cross rail unit having rollers at opposite ends thereof adapted to ride in a laterally interlocked relationship upon said rails.

2,437,487

PROCESS OF REDUCING A METAL OXIDE CATALYST

John W. Teter, Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y., a corporation of Maine

No Drawing. Application October 12, 1944, Serial No. 558,487

5 Claims. (Cl. 252—257)

1. The process of reducing a metal oxide catalyst in which the metal oxide is an oxide of a metal selected from the group consisting of cobalt and nickel to produce a reduced metal oxide catalyst adapted for the catalysis of the direct reaction between ammonia and olefins to produce nitrogen-containing products which includes subjecting the catalyst while at a temperature within the approximate range of 450°–750° F. to a plurality of alternate treatments with ammonia and hydrogen.

2,437,488

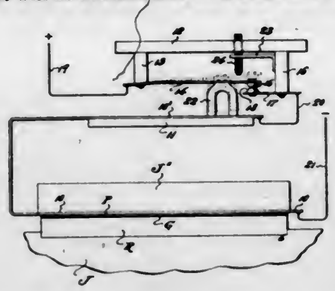
THERMAL CONTROL FOR GLUING STRUCTURAL ASSEMBLIES AND OTHER PURPOSES

Herman Ulanet, Newark, N. J.

Application December 29, 1944, Serial No. 570,409

2 Claims. (Cl. 219—19)

1. In jig means for glue joining assembled structural members, opposed clamp devices between which said members are engaged and held together, at least one of said clamp devices having a ribbon-like heater element for contiguous application to areas of said members to be joined, said heater element consisting in a metal having a substantial specific resistance and being responsive to magnetic force at relatively low temperatures but non-magnetic at a relatively high temperature, a switch means comprising a movable switch arm and a cooperating relatively stationary switch arm, said switch means and heater element being connected in series in an electrical circuit, a magnet affixed to said movable switch arm, and said heater element having a portion exposed and opposed to said magnet, whereby when the heater element at relatively low temperature is responsive to magnetic force said magnet will be attracted thereto and held thereby



to hold said switch means closed, but when said heater element at relatively high temperature becomes non-magnetic said magnet will be released to thereby permit said switch means to open.

2,437,489

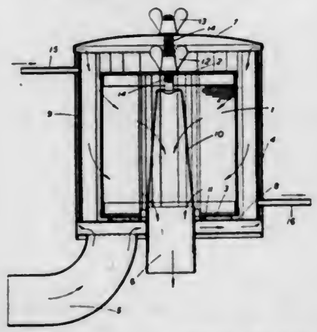
AIR FILTER WITH HEAT EXCHANGE ARRANGEMENTS

Cecil Gordon Vokes, London, England, assignor to Vokes Limited, Guilford, Surrey, England

Application March 15, 1944, Serial No. 526,572

In Great Britain January 21, 1943

2 Claims. (Cl. 183—32)



1. In combination, a casing, an air exhaust through the bottom of said casing for carburetor intake, an air filter in said casing and closing said exhaust, a thin sleeve-like container concentric with said casing and surrounding said air filter, the outer wall of said container being spaced slightly from the casing wall to form a narrow air passageway therebetween, an oil inlet pipe extending through said casing and having communication with the top of said container at one side thereof and for supplying heated oil to said container from an engine, an oil outlet pipe extending through said casing and having communication with the bottom of said container at the opposite side thereof from said inlet pipe, and an air inlet opening in the bottom part of said casing to said air passageway between said casing and said container, whereby the air must pass up and over the full height and down at least part of the height of said container and thereby cool the oil therein and preheat the air before it is exhausted to a carburetor intake.

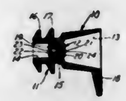
2,437,490

EAR DEFENDER

Norman A. Watson, Paul S. Veneklasen, Robert W. Leonard, and Robert S. Gales, Los Angeles, Calif., assignors to the United States of America

Application June 26, 1942, Serial No. 448,586

1 Claim. (Cl. 128—152)



An ear protector comprising a body of flexible resilient material including a flared outer portion, a reduced inner portion of substantially cylindrical form, spaced external sealing flanges on said inner portion for sealing with the wall of the auditory canal, a transverse internal partition in said body, and automatic pressure equalizing means carried by said partition, comprising a substantially cylindrical rigid insert extending through a central opening in said partition, radial flanges on the ends of said insert to prevent displacement of the insert, one end of said insert being open and the other end closed except for a minute orifice, said orifice having a cross-sectional area many times smaller than the inside cross-sectional area of the insert, and fibrous material packed in the hollow space within said insert to form acoustical insulation at said orifice and adapted to permit air flow through said orifice for the equalization of pressures at the opposite sides of the partition.

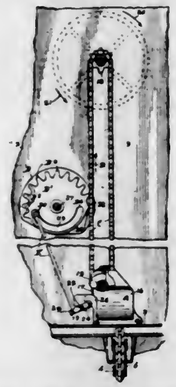
2,437,491

HAND BRAKE FOR RAILWAY CARS

Keith Williams, Buffalo, N. Y.

Application July 11, 1945, Serial No. 604,488

13 Claims. (Cl. 74—505)



1. In a hand brake mechanism, the combination of brake operating mechanism comprising a brake chain winding drum, a driving mechanism for the drum, and a clutch for connecting and disconnecting the driving mechanism with said drum; a hand wheel located remotely from said brake operating mechanism, a driving connection between said hand wheel and the driving mechanism of said brake operating mechanism, and means associated with said driving connection for automatically actuating the clutch to disconnect the drum from the driving mechanism upon the reverse rotation of the hand wheel.

2,437,492

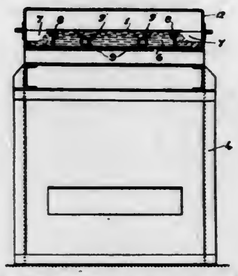
MEANS FOR TRANSFERRING HEAT TO OR FROM MATERIAL ON BAND CONVEYORS

Walter Harvey Allen, Birmingham, England, assignor to Sandvik Steel Incorporated, New York, N. Y.

Application March 22, 1945, Serial No. 584,218

In Great Britain March 25, 1944

1 Claim. (Cl. 257—23)



An apparatus for cooling material carried upon a horizontal strand of an endless metal conveyor band, said apparatus comprising a vessel extending longitudinally beneath said strand and being of substantial depth throughout its length and width, said vessel having a flat bottom and upstanding side walls extending to said strand, a plurality of laterally spaced apertured pipes disposed within said vessel on the bottom thereof and extending longitudinally throughout substantially the entire length of the vessel, and means maintaining a continuous forced circulation of cooling liquid through said pipes and vessel and causing said liquid to maintain a normal level which is such that the underside of the band is in contact with the liquid and that the liquid overflows the top edges of the side wall, whereby said strand floats on the liquid and whereby jets of liquid from the apertured pipes pass through the liquid and are thoroughly mixed with the liquid already contained in the vessel before they reach said strand.

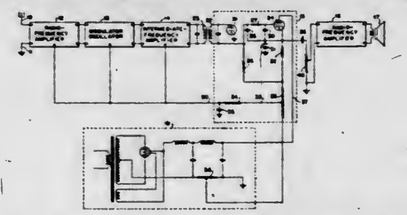
2,437,493

DIODE DETECTOR CIRCUIT

Theodore G. Anderson, Kennett Square, Pa., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill., a corporation of Illinois

Application June 12, 1945, Serial No. 599,002

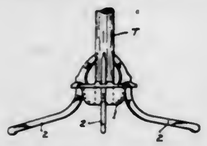
7 Claims. (Cl. 250—27)



1. A detector arrangement for a wave-signal translating system comprising, a two-element rectifier, means for applying to said rectifier an input signal having desired modulation components, a load circuit coupled to said rectifier including an impedance for deriving said desired modulation components, a modulation-signal translating circuit for said rectifier including a

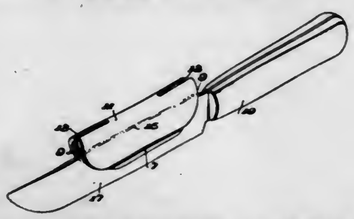
signal-translating stage having input and output circuits, means including a first portion of said load impedance for applying said modulation components to said input circuit of said stage, and means comprising a second portion of said load impedance for applying the translated modulation components in said output circuit of said stage in a regenerative sense to said load circuit of said rectifier.

2,437,494
KNOCKDOWN ARTICLE AND JOINT THEREFOR
Roy H. Anderson, Fort Dodge, Iowa
Application November 19, 1945. Serial No. 629,486
5 Claims. (Cl. 248—48)



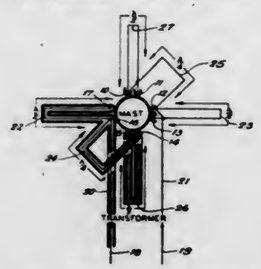
1. A knockdown article comprising a body having a socket aperture in a plate-like portion thereof, and a bar engageable in said socket aperture by relative movement of said bar and said body non-rotatively and generally lengthwise of said bar, said bar having three projections spaced lengthwise thereof, the intermediate projection and one of the other projections projecting from different edges of said bar and being spaced apart lengthwise thereof a distance slightly greater than the thickness of said plate-like body portion, the width of said bar between such projections being sufficiently less than the corresponding width of said socket aperture as to enable said bar and said body to swing relatively through a substantial angle, and the other of said projections projecting from the edge of said bar opposite that from which said intermediate projection projects and being disposed lengthwise of said bar close to said intermediate projection, the projections at opposite sides of said intermediate projection being engageable with opposite sides of said plate-like portion, respectively, to limit relative movement of said bar and body generally lengthwise of said bar.

2,437,495
BLADE HONING DEVICE
Nels B. Anderson, Minneapolis, Minn.
Application September 10, 1946, Serial No. 695,978
3 Claims. (Cl. 51—221)



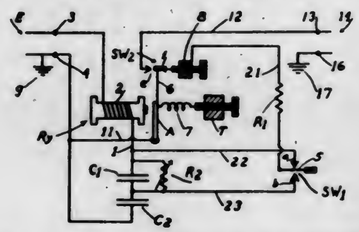
1. A device for application to a blade for controlling the angle of the blade relative to a hone when being sharpened, including a pair of blade clamping jaws connected together at the longitudinal upper edges thereof and having hone contacting surfaces disposed outside the plane of the blade engaging portions of the device, the upper longitudinal jaw connecting portion being inwardly slotted a distance from each end thereof to provide flexibility of the ends of the jaws for separation thereof.

2,437,496
PHASING NETWORK
Nathan W. Aram, Chicago, Ill., assignor to Zenith Radio Corporation, Chicago, Ill., a corporation of Illinois
Application July 2, 1942, Serial No. 449,438
21 Claims. (Cl. 178—44)



1. A phasing network for feeding a pair of lines in opposite phases and another pair of lines in opposite phases and in phase quadrature to the first said pair, comprising a main feeder line connected to one of a pair of lines at a point of connection, a line of an odd number of half wave lengths connecting said point of connection to the other of said pair, a line of an odd number of quarter wave lengths connecting said point of connection to one of the other pair of lines, and a line of an odd number of half wave lengths connecting last said line to the other line of last said pair.

2,437,497
AUTOMATIC TELEGRAPH KEY
Forrest A. Bartlett, Gardena, Calif.
Application May 30, 1944, Serial No. 538,074
6 Claims. (Cl. 178—82)



1. In an automatic telegraph transmitter key, a plurality of condensers, a conductor interconnecting said condensers, a relay comprising a solenoid, an armature cooperatively associated therewith, a pair of spaced contacts, a switch blade actuated by said armature to engage one of said contacts when said solenoid is energized, and spring means for moving said blade into the other of said contacts when said solenoid is de-energized, a conductor connecting said blade to one potential of a current source, a conductor connecting one terminal of said solenoid to the other potential of said current source, a conductor connecting the other terminal of said solenoid to one

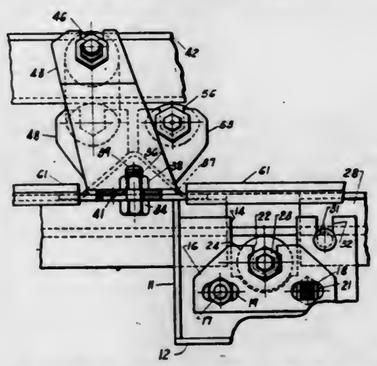
of said condensers, a key comprising a blade and a pair of key contacts optionally engaged by said key's blade, a conductor connecting one of said key's contacts to said conductor interconnecting said condensers, a conductor connecting the other of said key's contacts with said conductor connecting said solenoid to said condensers, a conductor connecting said key's blade to one of said relay's contacts, and means connecting the other of said relay contacts into an external circuit.

2,437,498
CLOTHESPIN DISPENSER
Katherine Vena Bell, Jersey City, N. J.
Application January 30, 1946, Serial No. 644,212
4 Claims. (Cl. 312—73)



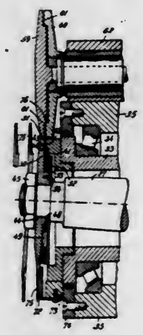
1. A clothespin dispenser comprising a receptacle having a rigid bottom and a trap door hinged thereto, means for normally holding the door in a closed position relative to the bottom, means for holding a group of clothespins within said receptacle when the door is opened relative to the bottom, and means for guiding a pin from the receptacle, said holding means including a plurality of spaced parallel strips slidably carried by said receptacle fixedly engaging the door.

2,437,499
BELT CONVEYOR FRAME CONSTRUCTION
George W. Benjamin, Birmingham, Ala., assignor to Continental Gin Company, a corporation of Delaware
Application August 23, 1945, Serial No. 612,265
9 Claims. (Cl. 198—192)



1. A sectional belt conveyor frame construction comprising laterally opposed vertical supports each having a section of a longitudinally extending rail secured thereto and each having a pair of vertically opening notches therein, a meeting rail having a button head lug engaging in one of the notches, an idler roller terminating at both ends in button heads which engage in the other notches of said vertical supports, a support for idler troughing rollers extending transversely of the rails, bolts for detachably securing said support to the rails, the ends of the bolts being peened over to prevent the removal of nuts therefrom and there being key hole slots in the rails with openings at one end large enough to receive the bolts.

2,437,500
APPARATUS FOR BENDING METAL STRIPS EDGEWISE IN MAKING HELICAL FINS
Ernest Bruegger, Massillon, Ohio, assignor to The Griscom-Russell Company, New York, N. Y., a corporation of Delaware
Application September 8, 1944, Serial No. 553,153
7 Claims. (Cl. 153—64.5)

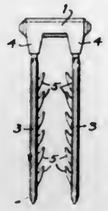


1. Apparatus for continuously winding a metallic ribbon edgewise into a helical coil comprising, in combination, a pair of rotary discs having oppositely disposed end faces closely approaching each other at one point in their rotation and spaced more widely apart elsewhere, a circular shoulder on one of said discs, a ring between said discs surrounding said shoulder and having a circular outer surface adjacent said end faces at and adjacent said point, means for rotating said discs in unison and means for feeding a metallic ribbon between said end faces where said faces approach said point whereby said ribbon is gripped between said faces and bent around the outer surface of said ring.

2,437,501
STABILIZING METHYL-SUBSTITUTED POLYSILOXANES
Charles A. Burkhard, Alplaus, and Winton I. Patnode, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York
No Drawing. Application September 28, 1946, Serial No. 700,154
3 Claims. (Cl. 260—607)

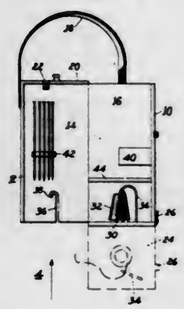
1. The method of substantially retarding gelation at elevated temperatures of a liquid methyl polysiloxane containing an average of about two methyl groups per silicon atom, which method comprises incorporating in the said polysiloxane from 0.05 to 5 per cent, by weight, ketene based on the weight of the said polysiloxane.

2,437,502
HAIRPIN
Ernest H. Butler, Arlington, Va.
Application January 16, 1947, Serial No. 722,370
6 Claims. (Cl. 132—52)



5. A hair-pin comprising an elongated head having a passage extending from end to end thereof, spaced removable prongs projecting from said head and extending into the passage aforesaid, a button member at each end of the passage, closing the same, each button member having interlocking engagement with a prong to hold the latter in the head, spring means between the buttons in the passage tending to hold them slightly projecting from the head and in interengagement with the prongs, and fastening means extending through the head and into engagement with the spring means to maintain the position of the latter and the buttons while the prongs are in operative position.

2,437,503
KNITTING BOX
Herbert S. Chase, Worcester, Mass.
Application April 9, 1946, Serial No. 660,814
5 Claims. (Cl. 223—107)



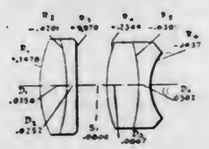
5. Knitting box or the like comprising a pair of wall sections each having angularly arranged parts, said wall sections being pivoted at corresponding edges to close the box or selectively to form a channel, a cover hinged to one part at an end of the box, a bottom closure hinged to a wall part on the other section at the opposite end of the box, a yarn holder on the bottom closure, a false bottom spaced therefrom and secured to both parts of said other section and extending across the box when closed, and a yarn guiding slot in said one wall part below the false bottom.

2,437,504
THIAMIN DIOCTYLSULFOSUCCINATE
John B. Conn, Scotch Plains, N. J., assignor to Merck & Co., Inc., Rahway, N. J., a corporation of New Jersey
No Drawing. Application March 8, 1946, Serial No. 653,157
7 Claims. (Cl. 260—251)

2. The method of rendering vitamin B_1 preparations soluble in oils and other nonpolar solvents which comprises coupling a water-soluble salt of thiamin selected from the group which consists of thiamin chloride hydrochloride, thiamin bromide hydrobromide, and thiamin sulfate with an alkali metal salt of dioctylsulfosuccinic acid.

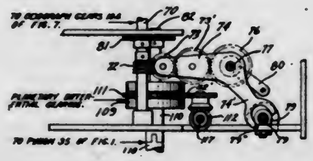
7. Thiamin dioctylsulfosuccinate.

2,437,505
OPTICAL OBJECTIVE
Arthur Cox, Leicester, England, assignor to Taylor, Taylor & Hobson Limited, Leicester, England, a company of Great Britain
Application April 30, 1946, Serial No. 666,060
In Great Britain June 15, 1945
13 Claims. (Cl. 88—57)



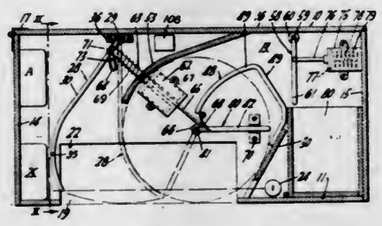
1. A telephoto objective corrected for spherical and chromatic aberrations, coma, astigmatism and field curvature, and comprising a convergent front member and a divergent rear member, each member being in the form of a meniscus doublet with its bounding surfaces convex to the front and having a convergent element and a divergent element, the front surface of the divergent rear member having a radius of curvature lying between .20 and .30 times the equivalent focal length of the objective, whilst the radius of curvature of the rear surface of such member lies between .10 and .20 times such equivalent focal length, and the axial thickness of the convergent element of the convergent front member is not less than .045 times and not greater than .095 times such equivalent focal length.

2,437,506
REPEATER COMPASS
Loring Pickering Crosman, South Orange, N. J., assignor to Monroe Calculating Machine Company, Orange, N. J., a corporation of Delaware
Application June 16, 1943, Serial No. 491,260
5 Claims. (Cl. 33—222)



1. In an instrument of the character described, the combination with magnetic compass controlled motor driven follower mechanism; of direction indicating mechanism including a repeater dial and a repeater hand, part of the driving connection between the motor and the follower mechanism forming part of movement transmission means between the motor, said dial and said hand normally ineffective with respect to said dial and said hand for other than repeater compass purposes, and means including manipulable means for rendering said transmission ineffective with respect to said follower mechanism and effective with respect to said dial and said hand to drive both dial and hand in a single direction in unison to reset the same relative to the magnetic compass.

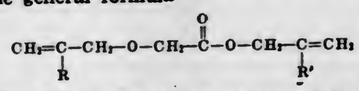
2,437,507
ANIMAL TRAP
Chester W. Crumrine, Irondquoit Township, Monroe County, N. Y., assignor, by mesne assignments, to L F C Corporation, Rochester, N. Y., a corporation of New York
Application December 17, 1942, Serial No. 469,309
8 Claims. (Cl. 43—74)



1. An animal trap comprising an unobstructed longitudinal passageway, means adjacent said passageway at one side thereof and movable partly thereacross to impel an animal in its path, other means adjacent said passageway at the other side thereof and movable to traverse the remainder of said passageway by movement toward said first means to impel an animal in its path to a predetermined zone between said two means, and a casing portion adjacent said passageway, one of said means being further movable to said casing portion to propel into said casing portion an animal impelled to said predetermined zone by either of said means.

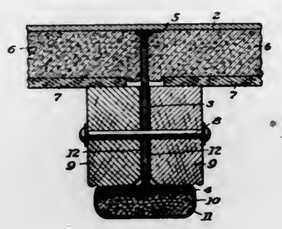
2,437,508
COPOLYMERS OF MIXTURES COMPRISING ALLYL AND METHALLYL ETHER ESTERS
Gaetano F. D'Alelio, Northampton, Mass., assignor to General Electric Company, a corporation of New York
No Drawing. Application June 28, 1944, Serial No. 542,600
2 Claims. (Cl. 260—78.3)

1. A composition comprising the product of polymerization of a mixture comprising, by weight, (1) from 1 to 20 parts of a compound of the general formula



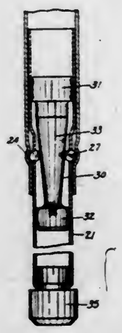
where R and R' are each a member of the class consisting of hydrogen and the methyl radical and (2) from 99 to 80 parts vinyl acetate.

2,437,509
INSULATED WALL CONSTRUCTION FOR HULLS, DECK HOUSES, AND THE LIKE
Albert J. Dawson, Sewickley, Pa., assignor to Dravo Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
Application February 3, 1945, Serial No. 576,060
5 Claims. (Cl. 20—4)



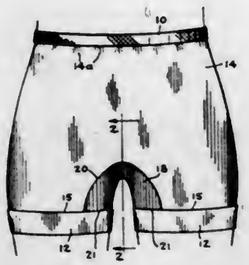
1. A wall construction comprising an exterior metal sheathing, metallic structural sections at spaced intervals inside the sheathing and to which the sheathing is welded, said structural sections having flanged portions at the ends opposite the welds, soft insulation laid against the sheathing between the structural sections, panels overlying the soft insulation for retaining it in place, said flanged portions overlying the edges of said panels, and battens bolted to the structural sections and overlying the edges of the panels for pressing the panels against the insulation and holding the panels in place.

2,437,510
TELESCOPING JOINT
Allan V. Ditty, Detroit, Mich.
Application September 13, 1944, Serial No. 553,871
8 Claims. (Cl. 287—119)



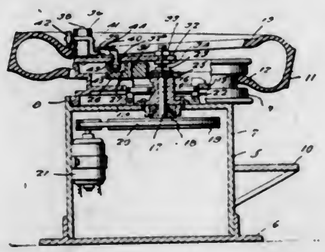
1. The combination comprising telescoped tubes, a freely slidable gravity actuated plunger within the inner tube having a tapered portion, and means actuated by the tapered portion of the plunger to interengage the tubes when the tubes are positioned so that the plunger tapers upwardly and outwardly with respect to said tubes and releasable when said tubes and plunger are inverted so that the plunger tapers upwardly and inwardly with respect to said tubes.

2,437,511
UNDERGARMENT FOR LADIES OR CHILDREN
Eleanor Donaldson and Jane Gibney, Minneapolis, Minn.; said Gibney assignor to Munsingwear, Inc., Minneapolis, Minn., a corporation of Delaware
Application February 27, 1946, Serial No. 650,542
3 Claims. (Cl. 2—224)



1. An underwear garment for women or girls and comprising body and leg portions and also a crotch portion having in combination, a band at the top of said garment adapted to encircle the waist, a rear piece extending downwardly from said band to a short distance above said crotch portion of the garment, said rear piece being made of material stretchable vertically, a front piece extending downwardly from said band having its bottom edge spaced above said crotch portion a considerably greater distance than said distance, said front piece being made of material stretchable transversely and being secured at its sides to the sides of said rear piece and a crotch piece secured at its rear to the bottom of said rear piece and at its front to the bottom of said front piece, said crotch piece thus being disposed principally at the front of said garment.

2,437,512
CIRCUMFERENTIALLY TRAVELLING ROLLER TYPE, SUPPORT MOUNTED, TIRE MOUNTING APPARATUS
Ingvald J. Ekse, Minneapolis, Minn.
Application February 20, 1945, Serial No. 578,871
3 Claims. (Cl. 157—6)



1. A tire mounting apparatus comprising a horizontal support for a wheel having a tire with its lower beading partially seated on the rim of said wheel, rotatable mechanism carried by said support including means for engaging the edge of the upper beading of said tire during a revolution of said mechanism to stretch the upper beading, normally ineffective means in association with said mechanism and rotatable therewith adapted to travel over the side wall adjacent said upper beading of said tire, and means for automatically rendering said second-named means effective during a further revolution of said rotatable mechanism, to thereby force said side wall downwardly and cooperate with said first-named means in completing the seating of the said upper beading on said rim.

2,437,513
DEFLECTION COIL AND YOKE FOR CATHODE-RAY TUBES
Richard B. Gethmann, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York
Application October 12, 1946, Serial No. 703,055
9 Claims. (Cl. 250—157)



1. An electromagnetic yoke for deflecting the electron beam of a cathode ray tube comprising an annular core comprising a plurality of turns of ferromagnetic wire, a non-magnetic conductive sleeve surrounding said wire, a conductor wound on said core comprising a plurality of adjacent sections, alternate of said sections being connected to form a pair of circuits for deflecting the beam of the cathode ray tube in two transverse directions.

2,437,514
TOOL FOR CUTTING INSULATION ON ELECTRIC CONDUCTORS
Glenn G. Givens, Newport News, Va.
Application January 23, 1946, Serial No. 642,809
3 Claims. (Cl. 30—91)



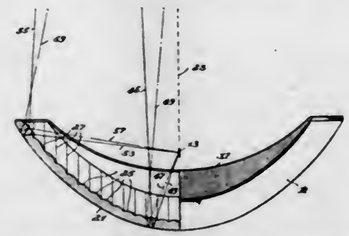
1. A wire stripper comprising an elongated body having a transverse opening adapted to receive an insulated wire therein, a sleeve slidably mounted in the body for longitudinal movement thereof, a blade holder mounted for longitudinal sliding movement in the sleeve, a blade carried by the holder, and an adjusting screw threaded in the sleeve and connected to the blade holder for adjusting the blade relative to the wire.

2,437,515
CONTAINER CLOSURE
Gustave Glocker, Washington, D. C.; Eugenie Glocker, administratrix of said Gustave Glocker, deceased, assignor to Super-Seal Container Corporation, Washington, D. C., a corporation of Delaware
Application December 4, 1945, Serial No. 632,646
3 Claims. (Cl. 215—40)



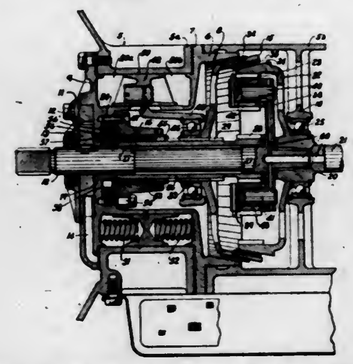
2. A closure assembly for sealing the neck of a receptacle comprising, a disc-shaped portion formed of sheet material, said sheet material extending upwardly at the periphery of the disc-shaped portion to form a raised portion and an annular chamber thereunder, an annular bead arranged above and outwardly of said raised portion providing an inverted channel around the periphery of said raised portion, a depending skirt carried by said annular bead, a layer of plastic material along the inner surface of the skirt filling said inverted channel whereby the plastic material in engaging peripheral portions of the receptacle neck is displaced into sealed engagement with an end surface of the neck, and a wall of said raised portion forming an annular abutment limiting the inward displacement of said plastic material.

2,437,516
DENTAL OPERATING LAMP CONSTRUCTION
Ernest H. Greppin, Rochester, N. Y., assignor to Wilmot Castle Company, Rochester, N. Y., a corporation of New York
Application May 8, 1946, Serial No. 668,268
10 Claims. (Cl. 240—41.38)



1. A dental operating lamp comprising an incandescent filament, and a glass catadioptric unit associated therewith, said unit having a rear surface remote from said filament silvered so as to form a reflecting surface, said reflecting surface being substantially in the shape of a portion of a prolate spheroid with said filament substantially at the adjacent focus thereof, said unit having a front surface formed of a series of convex flutes with the valleys between successive flutes lying substantially in successive spaced planes parallel to each other and to the major axis of said prolate spheroid, so that when said lamp is oriented with said major axis extending horizontally and said planes extending vertically, the beam of light emerging from said unit will, in cross section at a substantial distance in front of said unit, be relatively spread laterally in a horizontal direction and relatively confined vertically.

2,437,517
TRANSMISSION
Harry R. Greenlee, Indianapolis, Ind., assignor to The Studebaker Corporation, South Bend, Ind., a corporation of Delaware
Application December 18, 1944, Serial No. 568,593
5 Claims. (Cl. 74—290)

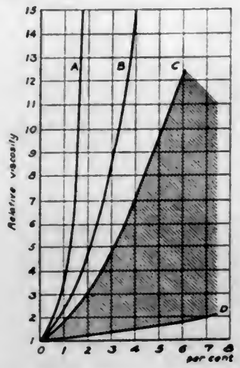


1. In a transmission having a transmission housing, gear means in said transmission housing, and drive and driven shafts having connection with said gear means, the combination of first brake means comprising a brake member fixed to said housing and having a cone brake surface, and a torque transmitting member associated with said gear means having a cone brake surface adapted to have frictional engagement with the cone brake surface of said brake member to provide drive between said drive and driven shafts through said gear means, second brake means comprising a collar member fixed to said transmission housing having a braking surface, an annular coil spring brake member disposed in said collar member and arranged in fixed relation at one end with said gear means, and means associated with the other end of said spring brake member for selectively restraining the latter against rotation or freeing the same for rotation, said spring brake member when restrained against rotation being adapted to be expanded radially into engagement with said braking surface of said collar member to maintain said drive between said drive and driven shafts upon slippage of the cone braking surfaces of said brake member and said torque transmitting member when engaged or upon disengagement thereof.

2,437,518
MANUFACTURE OF INFUSION AND INJECTION FLUIDS
Anders Johan Troed Grönwall and Björn Gustaf-Adolf Ingelman, Uppsala, Sweden, assignors to Aktiebolaget Pharmacia, Stockholm, Sweden, a company of Sweden
Application May 19, 1944, Serial No. 536,376
In Sweden July 17, 1943
10 Claims. (Cl. 167—78)

10. A process of preparing therapeutic injection and infusion fluids which comprises subjecting to a partial acid hydrolysis a water soluble polysaccharide, selected from a class consisting of dextran, levulan and galactan under condi-

tions producing hydrolytic products which are completely soluble in water and which at a concentration of about 6 per cent show a colloid-

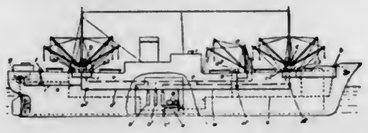


osmotic pressure of from about 50 to 1000 mm. water column, separating and purifying said hydrolytic products from the reaction medium and preparing a therapeutic fluid therefrom.

2,437,519
MANUFACTURE OF ANHYDROUS ALIPHATIC ACIDS FROM AQUEOUS SOLUTIONS THEREOF
Henri Martin Guinot, Versailles, and Pierre Chassaing, Melle, France, assignors to Les Usines De Melle (Societe Anonyme) Saint-Leger-les-Melle, France, a company of France
No Drawing. Application March 17, 1945, Serial No. 583,375. In France January 13, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires January 13, 1963
8 Claims. (Cl. 260—540)

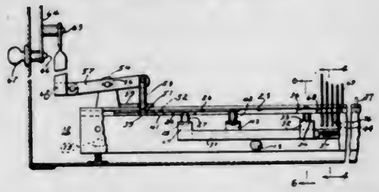
1. A method for concentrating an aqueous solution of a lower carboxylic aliphatic acid, which comprises extracting said solution with a solvent which is a compound of the group consisting of tetrahydrofurane, methyl-substituted tetrahydrofuranes and ethyl-substituted tetrahydrofuranes.

2,437,520
HYDRAULIC PLANT
Maximiliaan Frederik Gunning, Petersfield, England
Application February 22, 1945, Serial No. 579,198
In Great Britain February 2, 1944
4 Claims. (Cl. 60—51)



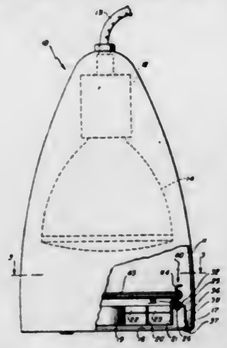
2. A hydraulic plant for operating power driven mechanism under load for short periods of time and under no load for other periods of time comprising at least one such mechanism driven by a variable capacity hydraulic motor, means for varying the torque imparted to said motor by varying the amount of pressure liquid consumed per revolution thereof, the pressure under which the liquid is supplied being maintained substantially constant, in combination with at least one accumulator of sufficient capacity to supply the necessary pressure liquid to each motor connected thereto during each said short period to the extent that and in so far as they operate simultaneously, and with a pumping plant having a capacity such that when operating under full power it can maintain the supply of pressure liquid to each accumulator sufficient for the average load but not sufficient for the maximum load for which the plant is designed.

2,437,521
VOTING MACHINE
Alvin N. Gustavson, Jamestown, N. Y., assignor to Automatic Voting Machine Corporation, Jamestown, N. Y., a corporation of Delaware
Substituted for abandoned application Serial No. 188,966, February 5, 1938. This application September 23, 1939, Serial No. 296,305
3 Claims. (Cl. 235—54)



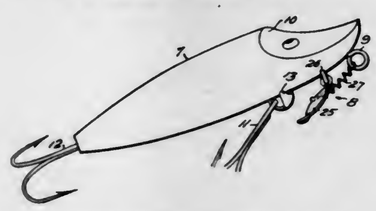
1. In a voting machine having an entrance and exit control member and a plurality of indicator operated interlocking straps, a mechanism for controlling operation of said member comprising an auxiliary interlock, laterally movable rollers in said interlock, auxiliary interlocking straps separating said rollers and being joined to certain of said indicator operated straps, a perforated plate in said auxiliary interlock connected with and adapted to be moved as said rollers are moved, means connected with and operable by said member to enter one of said perforations when said plate is moved to occupy a predetermined position with respect to said means.

2,437,522
SPOTLIGHT
Harry Handler, Brooklyn, N. Y., assignor of one-half to Nathan Dworkin, Brooklyn, N. Y.
Application September 28, 1946, Serial No. 699,969
4 Claims. (Cl. 240—3.1)



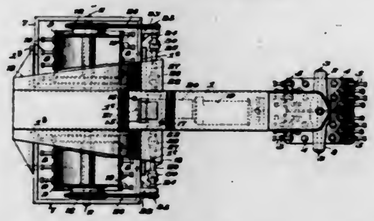
3. A spotlight of the character described, comprising a reflector casing having an opening, a ring member mounted in said reflector opening, said ring member having at least three mounting elements secured thereto adjacent the periphery thereof, in triangular spaced relationship, each of said mounting elements including a depending, outwardly pressing spring member and an upwardly extending inwardly pressing spring member, said depending spring members frictionally engaging the edge of the said reflector opening and said upwardly extending spring portions frictionally engaging the edge of a disc.

2,437,523
ARTIFICIAL BAIT
Clarence L. Hahn, Baltimore, Md.
Application April 26, 1944, Serial No. 532,826
6 Claims. (Cl. 43—46)



1. An artificial bait comprising, a body including a head portion and a tail portion, a controller hingedly carried by said body at its underside adjacent said head portion, and means to yieldably dispose said controller in a position extending forwardly from the underside of the body at a downward incline and permit it to swing to a position extending rearwardly from the underside of the body at a downward incline responsive to pressure exerted upon the forward face of the controller.

2,437,524
SELF-PROPELLED TAMPING ROLLER
John F. Harrison and Carl F. Greiner, Springfield, Ohio, assignors to The Buffalo-Springfield Roller Co., Springfield, Ohio, a corporation of Ohio
Application September 21, 1944, Serial No. 555,098
12 Claims. (Cl. 94—50)



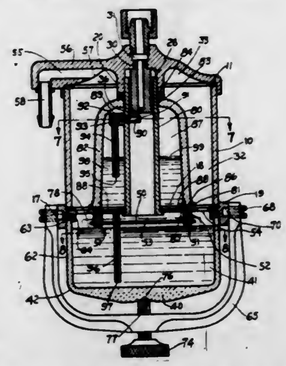
1. A self-propelled tamping roller comprising a frame; a steering roll at one end of the frame mounted for oscillation on horizontal and vertical axes; pairs of spaced lateral extensions at opposite sides of the other end of the frame respectively; subframes journaled in the pairs of extensions on horizontal pivots; drive rolls journaled in said subframes; a source of motive power in the frame actuating a differential having laterally disposed shaft sections; flexible and elongatable shafting extending from said differential shaft sections to serve as drive means and driven means actuated by the shaft sections for driving the respective drive rolls while permitting the said rolls to oscillate freely.

2,437,525
CROCHETED HAT AND METHOD OF PRODUCING THE SAME
Velma C. Harvel, Forth Worth, Tex.
Application September 22, 1944, Serial No. 555,324
2 Claims. (Cl. 2—198)



1. In a hat, a crown, an upper circular pliable core and a lower similar core peripherally positioned in said crown at the top and bottom thereof, respectively, a crocheted brim, a circular pliable third core of larger diameter secured about the periphery of said brim, by crocheting stitches, said third core being under varying tension from the stitches of said crocheted brim at various peripheral points whereby to cause deformation of said peripheral third core into desired contour, and an ornament on said hat consisting of a loop shaped core with a crocheted portion between its sides.

2,437,526
MEANS FOR HUMIDIFYING OXYGEN
Jay A. Heidbrink, Minneapolis, and Clinton G. Herrick, Hopkins, Minn., assignors to Air Reduction Company, Incorporated, New York, N. Y., a corporation of New York
Application October 5, 1944, Serial No. 557,310
3 Claims. (Cl. 261—21)



1. An apparatus for effecting saturation of oxygen with water vapor as it is delivered to a nasal catheter, comprising a casing, a partition dividing the casing into upper and lower chambers, the lower chamber adapted to hold a supply of water, a jet tube extending through the upper chamber and opening into the lower chamber, a source of oxygen under pressure and means controlling the flow of that oxygen to cause a high velocity jet thereof to be delivered downwardly along the tube, a bell chamber surrounding the

jet tube, a water pipe having a delivery nozzle in the tube adjacent the air jet and having a lateral opening into the bell chamber and having a downwardly turned end toward the partition, a second water pipe extending through the partition to a point near the bottom of the lower chamber in the body of water therein, and a multiplicity of apertures through the partition and into the bell chamber so proportioned in aggregate area that the vacuum created in the bell chamber by the jet will cause water to enter the lower part of the bell chamber and bubble about the lower end of the first-named water pipe to be delivered therethrough in a spray across the gas jet.

2,437,527

INSECTICIDAL COMPOSITIONS FROM HALO-CAPRYLPHENOXYACETIC ACID

William F. Hester, Drexel Hill, and W E Craig, Philadelphia, Pa., assignors to Röhm & Haas Company, Philadelphia, Pa., a corporation of Delaware

No Drawing. Application June 14, 1945, Serial No. 599,510
10 Claims. (Cl. 167—30)

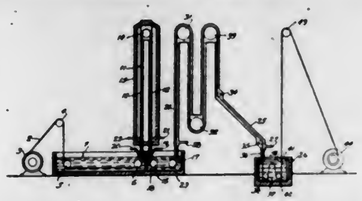
1. An insecticidal composition comprising as a toxic agent a halocaprylphenoxyacetic acid and a carrier therefor.

2,437,528

HIGH-TEMPERATURE CLEANING OF STEEL STRIP, INCLUDING REMOVING FERROUS CHLORIDE THEREFROM

Ralph W. Hodil, near Toledo, Ohio, assignor to Surface Combustion Corporation, Toledo, Ohio, a corporation of Ohio

Application June 8, 1945, Serial No. 598,403
4 Claims. (Cl. 134—5)



1. The method of removing ferrous chloride from the surface of steel which comprises passing the steel through a bath of molten lead at a temperature above the freezing temperature of said chloride whereby to remove said chloride from said steel by flotation.

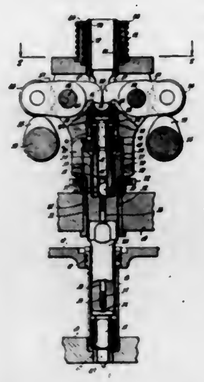
2,437,529

FUEL INJECTOR

John H. Holloway, Green Bay, Wis., assignor to Northwest Engineering Company, Green Bay, Wis., a corporation of Wisconsin

Application June 23, 1943, Serial No. 491,892
4 Claims. (Cl. 103—41)

1. In a fuel injector, the combination of a casing member, a pump barrel with a plunger working therein mounted in said member, a body member secured to said casing member, a pair of oppositely disposed plunger operating levers carried by said body member for moving the plunger in its delivery stroke, a thrust member having a spherically curved bearing surface connected with said plunger and a flat surface engaged by said levers, and spring means mounted on said body member and operatively connected



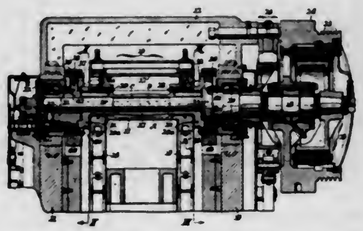
to said thrust member to move the plunger on its return stroke.

2,437,530

MEANS FOR EFFECTING RECIPROCATORY MOTION

Penrose R. Hoopes, Philadelphia, Pa., assignor to Super Speed Press Corporation, Bridgeton, N. J., a corporation of Delaware

Application February 20, 1945, Serial No. 578,843
5 Claims. (Cl. 74—571)



1. Means for effecting reciprocatory motion including an integrally-formed drive shaft element with a journal portion at one end, a laterally-offset crank extension at the other end, and a medially-located eccentric flange centered on the crank axis; a bushing coaxial with the journal portion of the drive shaft, said bushing having an eccentric bore in which the end of the crank extension is engaged, and an eccentric flange centered on the crank axis; bearings respectively for the journal portion of the shaft and the bushing; a sleeve mounted with capacity for rotative adjustment about the crank between the shaft flange and the bushing, said sleeve having an eccentric enlargement for actuating a member which is to be reciprocated, and end flanges centered on the crank axis and respectively abutting the shaft and bushing flanges; clamp means operative to connect the sleeve flanges with the shaft and bushing flanges to secure the sleeve in adjusted positions; and means whereby the sleeve is dynamically balanced about the crank axis, and whereby the crank and the sleeve are dynamically balanced about the shaft-bushing axis for all rotatively-adjusted positions of said sleeve.

2,437,531

CATALYTIC TREATMENT OF HYDROCARBONS

Hal C. Huffman, Long Beach, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California

No Drawing. Application December 24, 1942, Serial No. 470,027
8 Claims. (Cl. 196—52)

1. A process for the catalytic treatment of hydrocarbons which comprises subjecting said hydrocarbons to temperatures between about 800° F. and about 1300° F. under gage pressures in the range of about —14 pounds to about 1000 pounds per sq. in the presence of a catalyst consisting essentially of a major proportion of a carrier and a minor proportion of a heavy metal oxide catalytic agent distended thereon, said carrier consisting of a gel selected from the class consisting of precipitated alumina and magnesia containing between about 1% and 9% of silica precipitated in the presence of the entire hydrous precipitated gel.

2,437,532

PROCESS FOR THE CATALYTIC REFORMING OF HYDROCARBONS

Hal C. Huffman, Long Beach, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California

No Drawing. Application August 8, 1944, Serial No. 548,632
1 Claim. (Cl. 196—28)

A process for the catalytic reforming of hydrocarbons which comprises subjecting such hydrocarbons to a temperature between about 600° F. and about 1050° F. in the presence of a catalyst consisting substantially entirely of 80 to 99% by weight of a carrier, said carrier consisting of an activated alumina gel all of which has been stabilized by precipitating therein between about 1% and 15% of silica, and distended on said carrier, about 1% to 20% of the combined oxides of cobalt and molybdenum in the range of molecular proportions of one-half to 5 moles of cobalt oxide to one mole of molybdenum oxide.

2,437,533

CATALYSTS

Hal C. Huffman, Long Beach, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California

No Drawing. Application August 8, 1944, Serial No. 548,633
6 Claims. (Cl. 252—206)

1. A catalyst comprising 80 to 99% by weight of a carrier, the balance being a catalytic agent distended on said carrier, said carrier consisting of an activated alumina gel containing between about 1% and about 15% of silica precipitated in the presence of the entire hydrous precipitated alumina gel, and said catalytic agent comprising essentially an oxide of a metal selected from the class consisting of the related metals which have their differentiating electron in the second from the outermost shell.

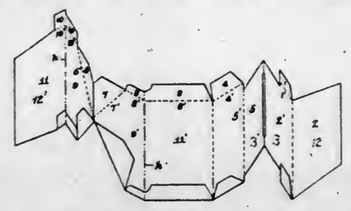
2,437,534

POCKETBOOK HAVING ALL EXPOSED SURFACES FINISHED

Morris Jackler, Brooklyn, N. Y.

Application November 1, 1944, Serial No. 561,353
3 Claims. (Cl. 150—32)

1. A receptacle of the character described made from a single blank of material faced on one surface only, said blank having scored fold lines dividing the same into a plurality of sections arranged in succession longitudinally of said blank and so folded in reverse sequence of its transverse fold lines as to form the upper and lower facial walls of the receptacle and at least one pocket on the exterior of one facial wall with the faced surface of the blank at all exposed sur-



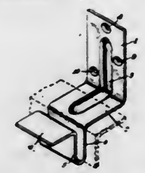
faces of the facial walls and pocket, said blank having along its longitudinal edges integral binding tabs infolded to eliminate exposed raw edges at all exposed parts of the folded blank when the receptacle is both open and closed, and a line of stitching extending along both lateral edges of the receptacle and across one end thereof to secure the sections of such blank in permanently folded relation.

2,437,535

BEDSPRING SUPPORT

Herbert E. Jenkins, Indianapolis, Ind.

Application June 6, 1946, Serial No. 674,737
2 Claims. (Cl. 5—207)



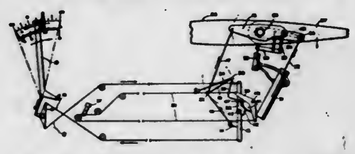
1. As a new article of manufacture, a spring supporting bracket for attachment to the inner face of the side rail of a bed comprising an L-shaped bracket, the horizontal leg of said bracket having a downwardly extending loop open at its top, the vertical leg of the bracket being adapted to be secured to the inner face of the side of a bed, and the horizontal leg of said bracket being adapted to support a bed spring.

2,437,536

BOOSTER TYPE SERVOMOTOR SYSTEM

Clarence L. Johnson, Encino, and Robert R. Richolt, Tujunga, Calif., assignors to Lockheed Aircraft Corporation, Burbank, Calif.

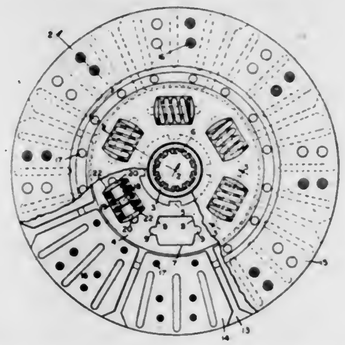
Application September 6, 1943, Serial No. 501,350
12 Claims. (Cl. 121—41)



1. In an airplane control surface operating mechanism, including a manually operated con-

trol member, and a power booster system normally energized by movement of said member to supplement or boost the force applied to said control surface, linkage connecting said control member and surface for directly applying the manual effort imposed on the member to said control surface in proportion to the booster energy also imposed thereon throughout the full range of said booster system, and means for manually increasing the mechanical advantage of said linkage over a limited portion of said range upon failure of said booster system.

2,437,537
CLUTCH PLATE
Daniel Kelleher, Berea, Ohio, assignor to Ira Saks, Cleveland, Ohio
Application February 27, 1946, Serial No. 650,647
11 Claims. (Cl. 192—68)



1. In a clutch plate or the like, a pair of members rotatable relative to one another provided with overlapping portions and opposed wall portions thereof defining a space of size depending on the positions of said members relative to one another, a spring in said space for transmitting torque between said members, a seating member having a face thereof engageable with one end of said spring and another face engageable with the wall portion of one of said members, and guide means associated with said seating member fixed relative to the other of said members.

2,437,538
RUBBER COMPOSITIONS CONTAINING OCTADECANE NITRILE
John H. Kelly, Jr., Oak Park, Ill., assignor to Dryden Rubber Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application May 27, 1943, Serial No. 488,694
3 Claims. (Cl. 260—5)

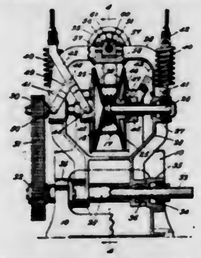
2. A composition comprising reclaimed vulcanized natural rubber, octadecane nitrile, sulfur, triphenyl guanidine, and a butadiene-acrylonitrile synthetic rubber, the sulfur being present in at least 20% and not above 23.7% by weight of the natural rubber hydrocarbon, the triphenyl guanidine being present in from three to five molecule equivalents by weight on the sulfur, the octadecane nitrile being present in from 15% to 50% on the hydrocarbon value of the natural rubber, and the natural rubber being present in not less than 28.7% by weight of the composition excluding the synthetic rubber.

2,437,539
YARN GUIDE FOR BRAIDER CARRIERS
John P. King, Pawtucket, R. I., assignor to Smith-King Company, a corporation of Rhode Island
Application December 21, 1945, Serial No. 636,374
2 Claims. (Cl. 87—57)



1. In a braider carrier, a weight, a support thereon, a one piece yarn guide bent into S shape with one loop providing one resilient jaw of a clamp to engage said support and grip the same, the other loop acting as a yarn guide through which the yarn passes.

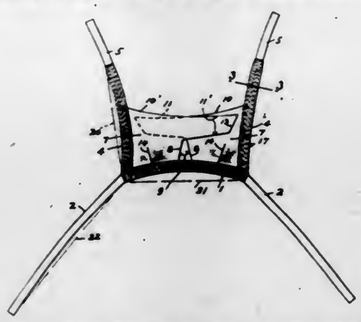
2,437,540
VARIABLE-SPEED TRANSMISSION
Hermann Klaucke, Worcester, Mass., assignor to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin
Application June 26, 1944, Serial No. 542,113
4 Claims. (Cl. 74—230.17)



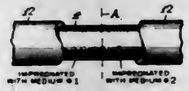
1. In a variable speed power-transmitting mechanism comprising a support, a drive belt, and an expansible pulley carried by the support and including a pair of opposed coniform members for receiving said belt between them, said members being movable toward and from one another to vary the effective diameter of the pulley; the combination of means constantly yieldably urging the coniform members toward one another, comprising a spring for each of said members having one of its ends anchored to said support; arms providing a connection between the other end of said springs and their respective pulley members; and links pivotally connected to the support and to said arms approximately medially between the ends of the latter, whereby the varying force exerted by the springs as they expand and contract will be transmitted as a substantially uniform force to the pulley members throughout their range of movement.

2,437,541
HALTER (FOR WOMEN)
Stephanie D. Koret, San Francisco, Calif.
Application September 25, 1944, Serial No. 555,610
2 Claims. (Cl. 2—42)

1. A woman's halter comprising a body embracing strap of a length adapted to pass around the wearer's body below the breasts and have its ends tied together in back of the body, two upwardly extending shoulder straps secured at their lower ends to the body embracing strap at laterally spaced points beyond the breasts and said straps being of a length adapted to pass upwardly over the shoulders of the wearer and around the back of the neck and tie in back of the neck, a pair of separate breast pocket panels of flexible material sewed each to the body embracing strap and to one only of the shoulder straps and with their inner edges free, and each pocket panel provided with an inwardly extending tie-strap at its upper inner portion of a length adapted to be tied together for adjusting the pockets formed by the panels to the particular wearer, said body embracing strap and shoulder straps formed of spaced cords stitched between layers of cloth to provide a band with inherent springiness and with rounding edges.



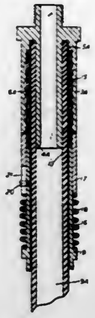
2,437,542
CATHETER-TYPE INSTRUMENT
Louis H. Krippendorf, White Plains, N. Y., assignor to American Catheter Corporation, Port Chester, N. Y., a corporation of New York
Application May 5, 1944, Serial No. 534,207
2 Claims. (Cl. 128—349)



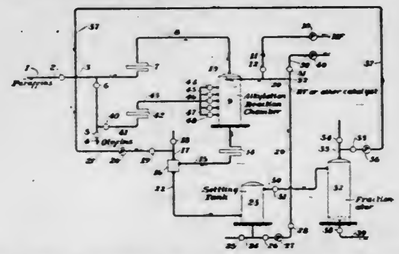
1. In an elongated flexible catheter-type instrument, an initially limp fabric base impregnated with a flexible stiffening medium, said medium in one region of said base being of appreciably greater flexibility than in a longitudinally-adjacent region thereof, the flexibilities of the corresponding sections of the instrument being correspondingly affected.

2,437,543
PIPE JOINT
Camille Clare Sprankling Le Clair, Acton, London, England
Application February 23, 1945, Serial No. 579,326
In Great Britain February 22, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires February 22, 1964
4 Claims. (Cl. 285—84)
(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)

1. A hose coupling comprising, in combination, an outer ferrule part having internal indentations, an inner ferrule part, said ferrule parts being joined at one end and being separated by an annular recess, said ferrules and recess being of sizes to fit onto the end of a hose with the hose disposed in the recess, a liner of plastic material within the recess and interposed between the hose and the outer ferrule part, and means for expanding said liner of plastic material laterally of the recess by the application of force thereto in a direction endwise of the ferrules.



2,437,544
HYDROFLUORIC ACID ALKYLATION PROCESS
Milton M. Marisic, Northfield, Ill., assignor to The Pure Oil Company, Chicago, Ill., a corporation of Ohio
Application August 2, 1944, Serial No. 547,671
4 Claims. (Cl. 260—683.4)



1. The method of forming isoparaffinic hydrocarbons from lower boiling paraffinic and olefinic hydrocarbons comprising contacting a mixture of said lower boiling paraffinic and olefinic hydrocarbons with small particles of liquid hydrofluoric acid at a temperature above the normal boiling point of hydrofluoric acid and at a pressure slightly above the critical pressure of hydrofluoric acid at the desired reaction temperature whereby to permit substantial vaporization of hydrofluoric acid upon rise in temperature and consequent cooling of the reaction mixture.

2,437,545
BASIC AMIDES OF 1-ARYL-CYCLOALKYL-1-CARBOXYLIC ACIDS
Henry Martin and Franz Häfliger, Basel, Switzerland, assignors to J. R. Geigy A.-G., Basel, Switzerland, a firm
No Drawing. Original application June 2, 1944, Serial No. 538,542. Divided and this application July 26, 1945, Serial No. 607,274
6 Claims. (Cl. 260—558)

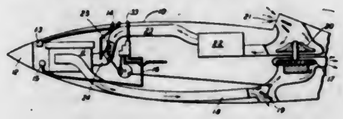
1. The basic amides of 1-aryl-cycloalkyl-1-carboxylic acids of the general formula

$$\text{aryl}-\underset{\underset{R}{\|}}{C}-CO-N-(CH_2)_2-N(\text{alkyl})_2$$
$$\qquad\qquad\qquad\qquad\quad |\,X$$

wherein aryl means a member selected from the

group consisting of the unsubstituted phenyl radicals and the phenyl radicals substituted by methyl groups, R means a member of the group consisting of tetramethylene and pentamethylene radicals and X stands for a member selected from the group consisting of H and alkyl.

2,437,546
SUPERCHARGED ENGINE CONTROL
Edward B. Meripol, Los Angeles, Calif., assignor to Lockheed Aircraft Corporation, Burbank, Calif.
Application March 18, 1943, Serial No. 479,669
2 Claims. (Cl. 170—135.6)



1. An engine and propeller control including in combination an engine having a throttle, adjustable speed propeller governor, a torque meter and a turbosupercharger having a waste gate, comprising a torque responsive governor integrating both the throttle controlling the engine and the waste gate controlling the turbosupercharger, remote control means for separately adjusting the torque responsive governor and the propeller governor, and means for simultaneously adjusting said remote control means to predetermined relationships of propeller governor adjustments and engine torque at various engine operating conditions.

2,437,547

WITHDRAWN

2,437,548
TELESCOPIC FIREARM
George William Patchett, Chigwell, England
Application June 19, 1944, Serial No. 540,928
In Great Britain March 13, 1944
16 Claims. (Cl. 42—72)



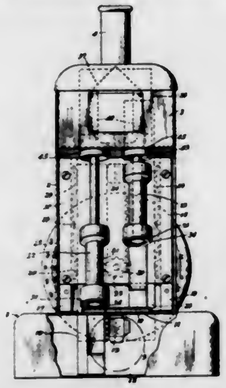
1. A telescopic firearm comprising a stock section carrying trigger mechanism, a tubular member fixed to the stock section, and a barrel carried by said tubular member and extending longitudinally thereof, a butt section including a tubular member forming a breech block race, and a breech block in said tubular member of the butt section, the tubular member of the butt section being related telescopically to the tubular member fixed to the stock section to enable said sections to be relatively telescoped to shorten the firearm or extended to place the parts thereof in operative position, said trigger mechanism including a sear operative to hold said butt section extended relatively to said stock section.

2,437,549
ARTIFICIAL BAIT
Lawrence H. Pecher, Akron, Ohio
Application June 6, 1945, Serial No. 597,747
8 Claims. (Cl. 43—46)



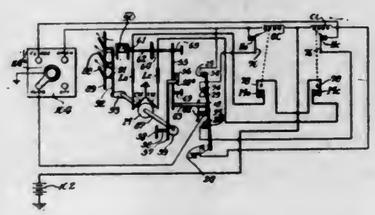
1. An attachment adapted for use with a fishing lure, comprising a wire member having eyes at the ends thereof and an intermediate loop, at least one said eye having a part thereof extending transversely of the eye and in close proximity to another portion of the eye so as to provide only sufficient space to permit a hook to pass between said part and that portion, whereby a hook having an eye of smaller diameter than the eye of the wire can be passed through the eye and positioned on said transversely extending part.

2,437,550
ACTUATING MEANS FOR COLORIMETRIC APPARATUS
William F. Peck, Buffalo, and Kennard W. Harper, East Aurora, N. Y., and Roger S. Estey, Arlington, Va., assignors, by mesne assignments, to American Optical Company, Southbridge, Mass., a voluntary association
Original application February 19, 1941, Serial No. 379,688. Divided and this application April 28, 1944, Serial No. 533,134
2 Claims. (Cl. 88—14)



1. In a structure for use in a colorimeter for comparing a specimen with a standard and comprising means for simultaneously and progressively altering the light transmission characteristics of each relative to the other, the combination of a source of illumination, a base housing said source and being apertured for allowing light to pass therethrough for illuminating said specimen and standard, a rotatable actuator positioned above said base, means mounting said actuator on said base, said actuator being adapted to be connected to said first mentioned means for actuating same for progressively altering said light characteristics, said actuator carrying a dial of light transmitting material concentric therewith, said dial bearing indicia thereon and having a portion thereof extending through a second aperture in said base, an index member in said base and adjacent said portion for cooperating with said indicia to indicate the angular position of said actuator, a partition in said base having an aperture for the passage of light from said light source to said portion of said dial adjacent said index member, and viewing means in said base for viewing said portion of the dial from a position adjacent the position of the colorimeter operator's eye while observing the light transmission characteristics of the specimen and standard.

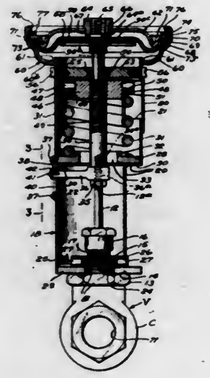
2,437,551
AUTOMATIC CONTROL SYSTEM
Ralph Penn, Goshen, Ind., assignor to Penn Electric Switch Co., Goshen, Ind., a corporation of Iowa
Application February 25, 1944, Serial No. 523,839
3 Claims. (Cl. 318—32)



1. For use in conjunction with a control shaft, means for operating said shaft comprising a reversing electric motor, follow-up mechanism associated therewith, and control mechanism for said motor comprising a pilot switch, a condition responsive means responding to a condition controlled by said control shaft, dual means for operating said pilot switch from said control shaft and from said condition responsive means, relays operated by said pilot switch in opposite positions thereof and controlling said motor contacts as to its rotation in one direction or the other, said pilot switch having holding contacts for said relays, said pilot switch having relay operating contacts for operating the relays, said holding contacts being closed before the pilot switch energizes the relays by closure of said relay operating contacts and the relays being deenergized by opening of said holding contacts.

2,437,552
VALVE CONSTRUCTION
Francisco A. Quiroz, Newark, N. J., assignor to Kieley & Mueller, Inc., North Bergen, N. J., a corporation of New York
Application February 2, 1944, Serial No. 520,753
7 Claims. (Cl. 137—153)

1. A valve construction comprising a valve casing and an elongated built-up frame of relatively small transverse dimensions and in open-ended tubular form that comprises sheet metal side frame means of substantial length cross-sectioned for stiffness against bending and having a plurality of longitudinally spaced transverse members secured thereto to hold said side frame means against distortion, at least one of said transverse members being positioned intermediate of the ends of said frame means and being received and positioned internally thereof, one of said transverse members and said valve casing having means for securing them together, said valve casing having bearing means, and another of said transverse members that is remote from said valve casing having bearing means substantially coaxial with said first-mentioned bearing means, stem means slidably supported by said bearing means and extending into said valve casing, helical spring means within said tubular sheet-metal frame means and reacting between one of said transverse members and said stem



means, said helical spring means having interposed between at least one end thereof and the part with which said spring end reacts relatively rotatable bearing annuli at least one of which is of low-friction bearing material and both of which are coaxial with the stem means to thereby permit rotational movement of said spring end and prevent transmission of tortional strains of said built-up frame.

2,437,553
MOTION-PICTURE FILM CONTROL DEVICE
Archie Raskin, Englewood, N. J., and Irving Fox and Herman Puls, New York, N. Y.
Application September 20, 1945, Serial No. 617,522
2 Claims. (Cl. 192—127)



1. In a motion picture control device and in combination with an electrical switch and a carrier therefor, of a frame member supported by the carrier, a film guide roller carried by the frame member, a yoke device slidably mounted on the frame member, a pair of film guide rollers carried by said yoke device for coaction with the first named roller, a pivoted lever, a fourth film engageable roller carried by said pivoted lever, and said lever having one end operatively in register with an actuating member of the electrical switch, and manually operable means for simultaneously swinging the switch lever and sliding the yoke device.

2,437,554

DYESTUFF PREPARATIONS CONTAINING AN ACID ESTER SALT OF A LEUCO VAT DYESTUFF, A WATER-SOLUBLE ACID AMIDE AND A SALT OF A QUATERNARY AMINO ACID

Roger Ratti, Neu-Allschwil, near Basel, and Philipp Brandt, Basel, Switzerland, assignors to Durand & Huguenin S. A., Basel, Switzerland, a Swiss firm

No Drawing. Application November 29, 1943, Serial No. 512,245. In Switzerland May 5, 1941
13 Claims. (Cl. 8—70)

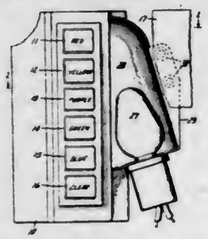
1. A dyestuff composition for printing textile fibers comprising a water-soluble acid amide, an ester salt of a leuco vat dyestuff and a water-soluble, stable internal salt of a tertiary to quaternary amino acid selected from the class consisting of betaines which contain an aralkyl radical and sulfobetaines which contain an aralkyl radical.

2,437,555

PUSH-BUTTON SWITCH

Gregory L. Rees, Hinsdale, Ill., assignor to Hotpoint Inc., a corporation of New York

Application October 20, 1944, Serial No. 559,498
2 Claims. (Cl. 200—167)



1. A push button indicating device for use with electric switches comprising, in combination, a supporting element, a row of push buttons carried by said element, each button comprising a member of light transmitting material and being provided with a surface disposed at an angle to the face of the button to form a prism, a light source adjacent said buttons for directing light toward the prisms when the buttons are pushed so that it is reflected toward the faces of the buttons, each of said buttons having different colors graduating from dark to light, the buttons having colors less readily visible being closer to the light source than those more readily visible so that the light transmitted by the prisms to the ends of the buttons is of substantially uniform intensity.

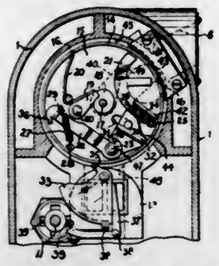
2,437,556

TIMING DEVICE

Marcus H. Rhodes, Hartford, Conn., assignor to M. H. Rhodes, Inc., Hartford, Conn., a corporation of Delaware

Original application October 25, 1943, Serial No. 507,640, which is a division of application Serial No. 349,119, August 1, 1940. Divided and this application October 1, 1945, Serial No. 619,681
2 Claims. (Cl. 194—72)

1. A coin-controlled timing device comprising a clockworks mechanism, a manually rotatable coin carrier, a coin receiver having a coin receiving space mounted on said carrier, means for permitting the insertion of a coin into said space at one rotated position of the carrier, means for releasing the coin from said space at a second rotated position of the carrier, means forming a driving connection for winding and setting said clockworks when the carrier is rotated between said rotated positions of the carrier with a coin positioned in said space, a temporary coin holder comprising a passageway for receiving a coin released from said space at the second rotated position of the carrier and a pivoted stop member normally blocking the passage of a coin



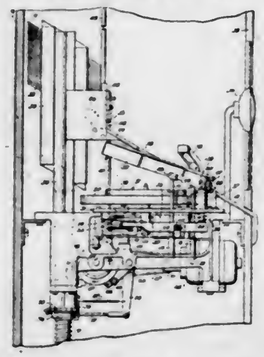
through said passageway and adapted to be pivoted to a coin releasing position, a permanent coin holder for receiving coins released from the temporary coin holder, means for temporarily pivoting said stop member to coin releasing position upon the initiation of a winding operation, and means for pivoting said stop member to coin releasing position upon completion of unwinding of the clockworks mechanism.

2,437,557

PHONOGRAPHIC APPARATUS

David C. Rockola and Irving Gil, Chicago, Ill., assignors, by mesne assignments, to Rock-Ola Manufacturing Corporation, Chicago, Ill., a corporation of Delaware

Application June 25, 1941, Serial No. 399,590
8 Claims. (Cl. 274—10)



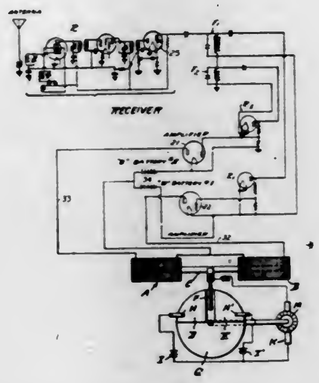
1. In a sound recording and reproducing device, the combination which comprises a housing, a supporting frame mounted in the housing, a turntable mounted on the supporting frame, means for operating the turntable, a record-cutting arm mounted on the frame adjacent to the turntable, a record pick-up arm also mounted on the frame adjacent to the turntable, a sequence operation controlling mechanism operatively connected to the cutting arm and to the pick-up arm, means operated by the said mechanism for stopping the said mechanism whenever one of the said arms is moved to an initial operating position relative to the turntable, and means connected to said arms and operable responsively to the movement of the said arms to the ends of their respective operating positions to start the said sequence operation controlling mechanism.

2,437,558

PRECISION RADIO REMOTE-CONTROL SYSTEM

Edgar L. Rockwood, Berkeley, Calif.

Application March 12, 1943, Serial No. 478,947
2 Claims. (Cl. 318—31)



1. A remote control system in which control is effected by means of two frequencies whose amplitudes are varied jointly in opposite directions with the amplitude of one frequency decreasing while the amplitude of the other increases their sum remaining at a constant value, and which comprises a receiver, demodulating means therein, a filter system, comprising a pair of filter circuits, each circuit tuned to one of the two frequencies received for separating the same, a rectifier arrangement in each filter circuit and a pair of solenoid coils, each coil connected with one of the filter circuits and operated by the rectified filter currents, a common movable core operated by the said solenoid coils, and moved in proportion to the energization of the coils and translation means for transforming said reciprocating movement of the core into proportionate rotational movements.

2,437,559

INSULATOR AND METHOD OF MANUFACTURING SAME

Davidge H. Rowland, Brighton, N. Y., assignor to The Porcelain Insulator Corporation, Lima, N. Y., a corporation of New York

No Drawing. Application December 5, 1945, Serial No. 633,041
2 Claims. (Cl. 106—46)

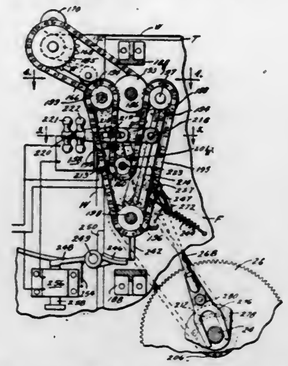
1. The method of making vitreous wet process porcelain insulators which consists in forming a mix of approximately 26% ball clay, 20% flint, 32% feldspar, 22% china clay, and aluminum in finely divided form in the approximate amount of 1% by dry weight of the mix, moistening the mix and shaping the insulators therefrom, and thereafter firing the shaped insulators at temperatures ranging between approximately 2340° F. and 2450° F.

2,437,560

WRAPPING PAPER CONTROL MECHANISM

Oscar Sandberg, Defiance, Ohio, assignor to Lynch Package Machinery Corporation, Toledo, Ohio, a corporation of Ohio

Application November 3, 1943, Serial No. 508,828
7 Claims. (Cl. 74—190.5)



1. In a drive mechanism, a drive shaft, a driven shaft, and means for transmitting power from said drive shaft to said driven shaft, said transmitting means being adapted to drive said driven shaft at different speeds and comprising a pair of arms pivoted on said drive shaft, a friction drive disc carried by each arm, and a pair of friction driven discs on said driven shaft and normally engaged at one diameter by said friction drive discs, said arms when moved relative to each other changing the diameter at which said friction driven discs are engaged and thereby driven at a different speed.

2,437,561

PREPARATION FOR THE CARE OF THE SKIN

Fritz Schaaf, Basel, Switzerland, assignor to Ciba Pharmaceutical Products Inc., Summit, N. J., a corporation of New Jersey

No Drawing. Application March 9, 1945, Serial No. 581,970. In Switzerland January 3, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires January 3, 1964
2 Claims. (Cl. 167—90)

2. A cosmetic preparation for the care of the skin containing a member selected from the group consisting of the naturally-occurring multi-unsaturated fatty acids and their naturally-occurring esters, plus nicotinamide.

2,437,562

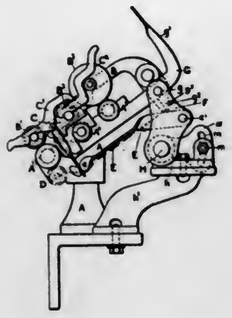
WEIGHTING MOTION FOR DRAFTING ROLLERS

John Schofield, Jr., Rochdale, England

Application March 27, 1946, Serial No. 657,448
In Great Britain March 30, 1945
2 Claims. (Cl. 19—136)

1. Weighting mechanism for the top drafting rollers of the drawing heads of ring spinning frames and other textile machines comprising the combination with the front and back weighting saddles of a weighting lever arranged below the rollers and pivotally mounted on a bracket, a connecting bar connecting the front weighting saddle to the front end of the weighting lever, a two armed pressure lever also pivotally mounted on the bracket and capable of being moved about

its pivot to bring one of its arms into pressure contact with the weighting lever, a rotatable bar on which the bracket is secured, the axis of the bar being parallel to the axes of the drafting



rollers, bearings for the said bar and means for imparting an angular movement to the bar for adjusting the position of the bracket to allow of adjustment of the weighting lever.

2,437,563

HEAT-TREATMENT FOR COPPER-NICKEL-COBALT PERMANENT MAGNET ALLOYS

John D. Seaver, Marblehead, Mass., assignor to General Electric Company, a corporation of New York

No Drawing. Application July 24, 1942, Serial No. 452,205
5 Claims. (Cl. 148—12.7)

2. A method for heat treating a permanent magnet alloy consisting of about 20–85% copper, 10–50% nickel, 5–70% cobalt which comprises heating the alloy at a temperature of about 1100° C. for about eight hours, then slowly cooling the alloy to about 800 to 870° C., subjecting the alloy to mechanical work, thereafter heating the alloy at about 1100° C. for a few minutes, quenching it, and then reheating it at about 575 to 650° C. for a few hours.

2,437,564

COMPOUNDS WITH CORTINLIKE EFFECT AND INTERMEDIATES THEREOF AND A METHOD OF PRODUCING THE SAME

Arthur Serini, Berlin N. 65, and Willy Logemann, Berlin-Charlottenburg, Germany, assignors to Schering Corporation, Bloomfield, N. J., a corporation of New Jersey

No Drawing. Application June 14, 1938, Serial No. 213,630. In Germany June 14, 1937
18 Claims. (Cl. 260—397.4)

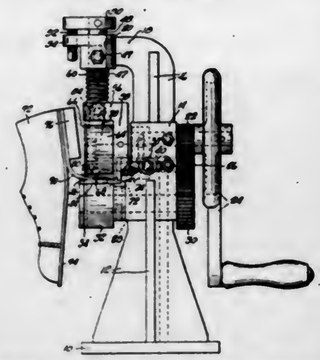
1. Process for the manufacture of 21-oxy-compounds of the pregnane series wherein pregnane compounds, which contain between the carbon atoms 20 and 21 an ethylene bond and on the carbon atom 17 a hydroxyl group, are converted with the aid of agents adding on an oxygen-containing group, followed by hydrolysis, into compounds of glycerol-like structure containing hydroxyl groups on the carbon atoms 17, 20 and 21, and from the latter water is split off.

2,437,565

LEATHER SKIVING DEVICE

Paul A. Sergio, South Bend, Ind.

Application April 8, 1946, Serial No. 660,390
16 Claims. (Cl. 12—17)



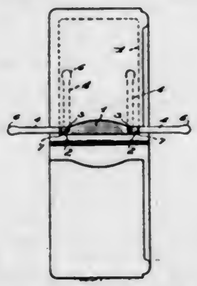
1. A leather skiving device comprising a frame mounting a work support, a work feed roll rotatable on said frame and located below and at one side of said support, a rotatable cutter spaced above said feed roll, means for supporting said cutter, a skiving blade located opposite to said support for engagement by leather fed by said roll, a blade mounting carried by said frame, means for rotating said feed roll to advance leather from said support to and past said cutter and blade, means for adjusting said cutter supporting means to groove leather to the desired depth and means for adjusting said blade mounting to skive leather at a depth corresponding to the depth of said groove.

2,437,566

SAFETY ATTACHMENT FOR BILLFOLDS

Harold E. Stonebraker, Rochester, N. Y.

Application November 15, 1945, Serial No. 628,833
1 Claim. (Cl. 150—47)



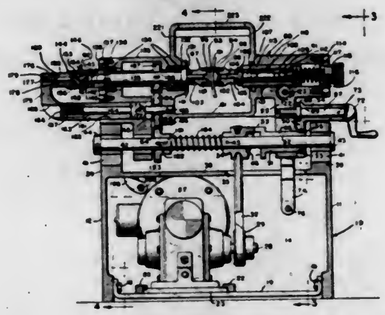
A safety attachment for a billfold including a supporting plate arranged between adjacent laminations of one of the foldable sections of the billfold, a pair of locking arms pivotally mounted at one end of the supporting plate with said end positioned adjacent to the line of fold and between the foldable sections of the billfold, each of said locking arms being offset perpendicular to the plane of the plate to clear the adjacent lap of the billfold, said arms being movable freely in opposite directions and by gravity downwardly and outwardly from a vertical position to a horizontal position extending perpendicularly to the side edges of the billfold when the billfold is positioned in a pocket with the line of fold adjacent to the bottom of the pocket, the arms when in said horizontal positions extending from opposite sides of the billfold throughout a distance slightly greater than the width of the pocket opening and no greater than the width of the body of the pocket, and stop devices carried by the supporting plate in the path of the locking arms limiting their downward movement.

2,437,567

LENS EDGE GRINDER

Richard Colbernt Uhlemann, Barrington, Ill., assignor to Uhlemann Optical Co. of Illinois, Chicago, Ill., a corporation of Delaware

Application July 10, 1946, Serial No. 682,684
3 Claims. (Cl. 51—101)



1. A grinding machine of the class described comprising a frame, a power shaft rotatably mounted in said frame, a head angularly oscillatable and reciprocably slidable on said shaft, a first spindle rotatably mounted on said head and having an axis parallel to said power shaft, a second spindle coaxial with said first spindle and rotatable therewith, a chuck at one end of said first spindle, a chuck at the adjacent end of said second spindle, said chucks including resilient means for gripping the work therebetween, said second spindle being freely rotatable in said head, said first spindle being driven by said power shaft, there being transmission means between said first spindle and power shafts, a chuck at the opposite end of said first spindle for holding a template, an arm slidably mounted with respect to said head, said arm including a chuck adapted to engage one face of said template, and resilient means associated with said arm for applying engaging pressure to said template, said arm and head having mutually engageable means for maintaining a predetermined position of the chuck thereon with respect to said template, said means being disengageable manually for removing said template from the machine.

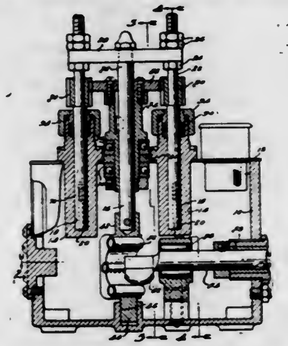
2,437,568

PUMP

Ralph F. Urso, Detroit, Mich., assignor to McCord Corporation, Detroit, Mich., a corporation of Maine

Application April 2, 1945, Serial No. 586,081
5 Claims. (Cl. 103—157)

1. A pump comprising a cylinder closed at one end and having spaced inlet and discharge ports spaced from the closed end of said cylinder, a reciprocable piston operatively arranged in said cylinder and having a port in its side and a duct extending between said port and the working face of said piston, and common means for reciprocating said piston in said cylinder and for rotating said piston to align the port therein with said inlet port at the beginning of the suction stroke of the piston and to align said port in said piston with said outlet port at the beginning of the discharge stroke of the piston, said means comprising a rotary cam, a yoke including a cam member having four pins arranged parallel to each other in a circle ninety degrees apart with the axis of said pins normal to said circle, said cam member being positioned relative to said rotary cam so that said cam upon rotation thereof will successively engage said pins, means for mounting said



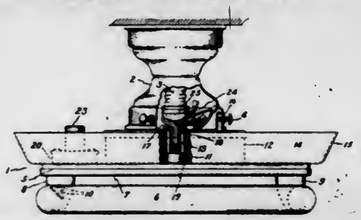
yoke for oscillation about its longitudinal axis and for reciprocating movement parallel to said axis, said yoke being connected to said piston for effecting the reciprocation thereof, said pins being arranged on said cam member so that two of them lie on the axis of oscillation and reciprocation of said yoke, said rotary cam being engageable with said two pins to effect the suction and discharge strokes of said piston and with the other two pins to oscillate said cam member about said axis between said strokes so as to position said piston port in line with said inlet port before and during the suction stroke of the piston and in line with said outlet port before and during the discharge stroke of said piston.

2,437,569

LAMP FIXTURE

Otto H. Van Amburg, Bridgeport, and John M. Pistey, Fairfield, Conn., assignors to General Electric Company, a corporation of New York

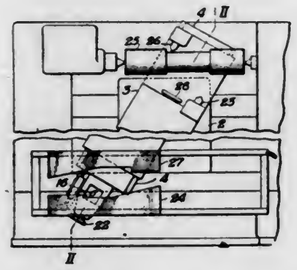
Application March 18, 1946, Serial No. 655,106
1 Claim. (Cl. 240—51.12)



A lamp fixture for circular tubular discharge lamps comprising, in combination, a lamp holder having a support with relatively movable arms at opposite ends of the support for supporting a cir-

cular tubular lamp on the holder and for making an electrical connection therewith, said support being provided with a threaded nozzle centrally disposed between the arms, a circular dish-shaped reflector carried by said lamp holder, said reflector being formed with a central opening through which said nozzle extends, a ballast having a centrally disposed passageway mounted on said reflector, the nozzle likewise extending into said passageway, an adapter cup overlying said ballast for mounting the fixture on a support and a hollow fastening screw extending through an opening in the cup, the passageway in the ballast, and being threaded into the nozzle to hold the parts in assembled relationship.

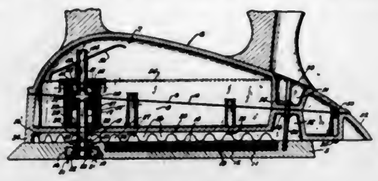
2,437,570
LATHE
Ottomar von Zelewsky, Neuhausen-on-the-Rheinfall, Switzerland, assignor to Aktiengesellschaft der Eisen- und Stahlwerke vorm. Georg Fischer, Schaffhausen, a Swiss corporation
Application May 29, 1944, Serial No. 537,771
In Switzerland May 15, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires May 15, 1963
6 Claims. (Cl. 82—14)



1. In a machine tool for the turning of work, having a machine frame carrying a horizontal bed, a horizontal slide slidably arranged to travel on said bed in parallelism with the rotational axis of said work, a plate carried by said slide, a hydraulically operated tool carrying member obliquely slidable on said plate, an upper tool and a lower tool carried by said member, an upper die and a lower die arranged on the bed in vertically spaced relation to each other, a pivotally mounted feeler movable with the tool carrying member for engaging one of the dies when the horizontal slide is slid in one direction during the cutting operation of one of the tools and for engaging the oppositely disposed die when said slide is slid in the opposite direction during the cutting operation of the other of said tools and means operated by said feeler for controlling said cutting operations.

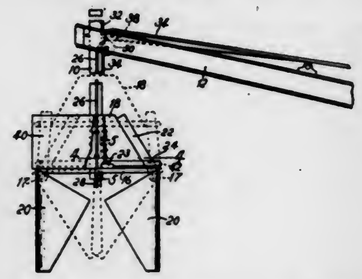
2,437,571
STEAM IRON
Gilbert Waage, Sandusky, Ohio
Application December 1, 1944, Serial No. 566,122
5 Claims. (Cl. 38—77)

1. In a steam iron having a sole plate and having a container for water positioned over the sole plate, a heel rest, a heating element adjacent the sole plate for heating the latter, and a heating unit located in the forward end of the water container adjacent the bottom thereof to be submerged when the iron is in a normal



position of use and to be above the normal level of water in the container when the iron is at rest on its heel.

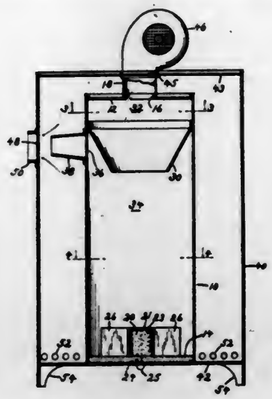
2,437,572
POWER EXCAVATING APPARATUS
Leo N. Walter, Oak Glenn, Ill.
Application January 13, 1944, Serial No. 518,064
7 Claims. (Cl. 37—187)



1. In an excavating apparatus, a standard, a transverse member fixed to said standard at an end thereof, a substantially triangularly shaped element slidably positioned on said standard, the base of said element being adapted to engage a surface of said transverse member, means for moving said element longitudinally of said standard, said means including a cable secured to said triangular member and extending beneath said transverse member, a pair of scoops hingedly secured to opposed ends of said transverse member, each of said scoops being provided with an angularly disposed arm adapted to engage said triangularly shaped element whereby said longitudinal movement thereof results in movement of the ends of said scoops toward and from each other.

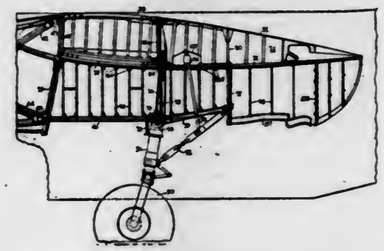
2,437,573
HEATER CONSTRUCTION
Leo N. Walter, Oak Glenn, Ill.
Application October 10, 1945, Serial No. 621,495
7 Claims. (Cl. 219—39)

1. A portable heater comprising, a cabinet, a cylindrical member positioned within said cabinet, a duct providing inlet means extending through said cabinet and into the interior of said cylindrical member, means adjacent the base of said cabinet for admitting air into the interior thereof, separate discharge means for said cylindrical member and said cabinet positioned intermediate said inlet means, said separate discharge means being disposed to prevent a flow of air from said cabinet into said cylindrical member when the heater is in operation, power means for causing air to flow into said inlet means and outwardly through said outlet means, and



means for heating said flowing air intermediate said inlet and said outlet.

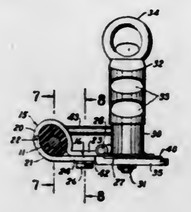
2,437,574
AIRCRAFT
Michael Watter and Ernest G. Bruce, Philadelphia, Pa., assignors to The Budd Company, Philadelphia, Pa., a corporation of Pennsylvania
Application May 13, 1944, Serial No. 535,462
14 Claims. (Cl. 244—117)



1. In an airplane in combination, a wing having a spar and strong rib structure secured therebehind, a nacelle provided with a first bulkhead secured beneath the spar, a second bulkhead secured below the rib structure aft of the spar, a cantilever structure secured to and extending from the bottom of the first bulkhead to the second bulkhead and there secured, and a landing gear having a forward main thrust strut and a rearward drag strut and having its main thrust strut secured to the bottom of the first and its drag strut secured to the bottom of the second bulkhead.

14. In an airplane in combination, a wing having a spanwise extending spar and spaced chordwise extending ribs secured to the spar, a nacelle mounted below the wing and having chordwise extending sides disposed vertically below certain of said ribs, a transverse bulkhead in the nacelle located vertically below the spar, and strut members extending from the bottom of said bulkhead upward to the bottom of said spar and thence upward to the top of said spar at each nacelle side location, said strut members including a strut element extending upward diagonally in a vertical spanwise plane.

2,437,575
STEERING DEVICE
Eber B. White, South Bend, Ind., assignor to The Studebaker Corporation, South Bend, Ind., a corporation of Delaware
Application April 12, 1946, Serial No. 661,621
3 Claims. (Cl. 74—557)

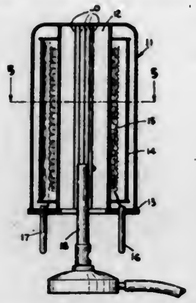


1. For combination with a steering wheel, the ring section of which is provided on the underside with finger grip formations; a steering aid for use by persons having prosthetic substitutes for natural hands, comprising a two part bracket having an upper part and a lower part so shaped as to form a clamp for attachment to the ring of said steering wheel and a bracket arm projecting into the interior of said wheel, the ring clamping portion of said lower part of the bracket being provided with conformations interfitting in complementary engagement with said finger grip formations on the underside of said steering wheel ring, means for securing together said two parts of the bracket in clamping engagement on the ring of the wheel, a two part hinge having one part stationarily secured to said bracket arm and the other part adapted to swing about an axis within and parallel to the plane of said steering wheel, a handle support member carried on said swingable part of said hinge, a handle adapted to be engaged in force transmitting relationship by one of said prosthetic substitutes, means rotatably securing said handle to said handle support whereby the handle may rotate thereon about an axis lying in plane generally perpendicular to that of said steering wheel, and spring biased handle locking means operatively interconnected between said bracket and said handle support for alternately locking said handle either in an upstanding operative position where its axis of rotation is perpendicular to the plane of the wheel or in an out of the way position wherein the axis of rotation lies within the plane of said wheel.

2,437,576
FLAME-HEATER CATHODE TUBE
Quintin J. Wick, Highland, Ill.
Application July 2, 1946, Serial No. 680,913
3 Claims. (Cl. 250—27.5)

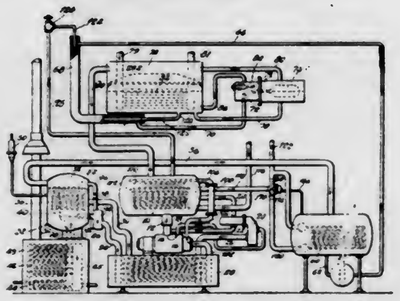
1. An electron tube comprising an annular metal shell having a non-conducting portion, said shell being hermetically sealed and evacuated, an electrode in said shell, said electrode

being spaced from the inner wall of the shell, and a terminal in said non-conducting portion



connected to said electrode, said inner wall being corrugated.

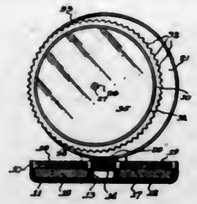
2,437,577
ABSORPTION REFRIGERATION SYSTEM INCLUDING CONDENSER PRESSURE CONTROL MEANS
Walter W. Williams, Bloomington, Ill., assignor to Eureka Williams Corporation, a corporation of Michigan
Original application August 3, 1940, Serial No. 350,993. Divided and this application March 27, 1944, Serial No. 528,281
7 Claims. (Cl. 62—5)



1. In an absorption type refrigerating apparatus, the combination of a condenser, cooling coils for the condenser, means for passing a cooling fluid through said coils, a valve associated with said last-mentioned means for regulating the flow of said fluid into said coils, and a pressure-responsive mechanism for operating said valve in accordance with the vapor pressure within said condenser whereby the temperature and pressure of the refrigerant in said condenser is regulated to a predetermined value.

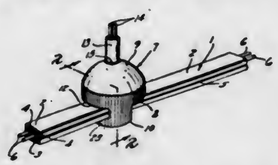
2,437,578
VANITY CASE
Floyd M. Williamson, Detroit, Mich.
Application April 14, 1945, Serial No. 588,286
17 Claims. (Cl. 132—83.6)

14. A vanity case comprising a container for cosmetics, a cupped cover articulated to the container for movement to open and closed positions, a mirror mounted on the inner surface of the cover and rotatable relative thereto, means extending to the outer surface of the cover and operable while the cover is in closed position to rotate the mirror, and a wiper element within



the vanity case positioned to contact the mirror when the same is being rotated.

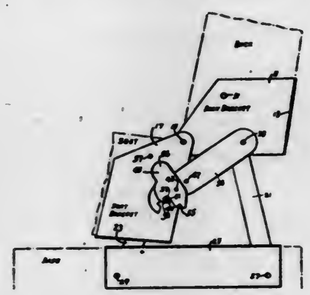
2,437,579
ELECTRICAL OUTLET CONSTRUCTION
Robert E. Wilson, Minneapolis, Minn.
Application December 8, 1945, Serial No. 633,749
6 Claims. (Cl. 173—334.1)



1. An electrical outlet construction comprising laterally spaced electrical conductors disposed within a substantially rectangular insulating member, the opposite sides of said insulating member being provided with self-closing slits which project inwardly each to an adjacent one of said conductors, a terminal head having a passage therethrough to receive the insulating member, said passage flaring outwardly in opposite directions from its intermediate portion to permit limited rotation of the terminal head on the insulating member, contact fingers carried by the head and extending inwardly from opposite sides of opposite flared ends of said passage and adapted to enter opposite slits in the insulating member under rotation of the terminal head in one direction, and feet carried by the head and extending inwardly from the opposite sides of opposite flared ends of said passage and adapted to frictionally grip the lower face of said insulating member when the contact fingers are forced to enter the opposite slits of the insulating member under rotation of the terminal head.

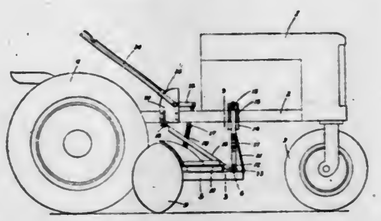
2,437,580
LATCH FOR SOFA BED HINGES
William W. Wilson, Memphis, Tenn.
Application April 14, 1944, Serial No. 531,031
17 Claims. (Cl. 5—47)

1. In a sofa bed including seat and back members shiftable to and from seating to bed positions; means each including a pivot at opposite ends of said seat and back members, hinging said members together, a hinge pin and a latch pin carried by said members respectively, one said pin being spaced backward from its related said pivot and the other thereof downward from said pivot, a latch hinged at its inner end by said hinge pin and extending outward beyond and slidably overlying said latch pin, the outer end of said latch being upwardly notched to establish an inner shoulder and an outer shoulder spaced apart for respective bracing and movement limiting engagement with said latch pin; and a dog pivotally attached to said latch in adjacency to the bracing shoulder of said notch, said dog having a major portion of its weight disposed above and forwardly of said pivot, and forwardly thereof being recessed to form a downwardly extending locking part spaced outward from said pivot and said bracing shoulder, said



dog also being cut away to form an outwardly facing trip notch on its lower end, and means to limit turning movement of said dog when said locking means is shifted downwardly and rearwardly to a position below said latch, and oppositely when said trip notch is shifted forwardly and upwardly into overlying relation with said latch notch, under shifting movement of said seat and back.

2,437,581
PLOW ASSEMBLY MOUNT
Robert J. Wray, Modesto, Calif.
Application December 26, 1944, Serial No. 569,683
8 Claims. (Cl. 97—137)

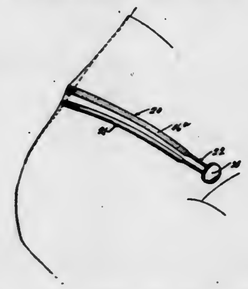


1. In combination of a tractor having side frames and spaced front and rear wheels, and a plow structure having a substantially horizontal frame disposed under said tractor frames in the space between the front and rear wheels, vertical suspension links extending between and swivelly connected to the tractor frames and to the forward end of the plow frame, and draft bars swivelly connected to the forward end of said plow frame and extending upwardly and rearwardly at an angle lengthwise of the tractor to connection with said tractor frames at points spaced lengthwise of the tractor from the points of connection of the links therewith, the swivel connection of the links and draft bars being operable to allow the plow frame to swing laterally of the tractor frame.

2,437,582
PROCESS FOR THE PREPARATION OF DIPENTAERYTHRITOL HEXANITRATE
Joseph A. Wyler, Allentown, Pa., assignor to Trojan Powder Company, Allentown, Pa.
No Drawing. Application October 30, 1945, Serial No. 625,697
1 Claim. (Cl. 260—467)

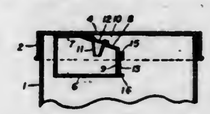
The method of making dipentaerythritol hexanitrate which comprises nitrating dipentaerythritol in mixed acid at a temperature not above 25° C., the mixed acid containing 5 to 23 parts of water and a total of nitric acid and sulfuric acid within the approximate range 77 to 95 parts for 100 parts of the mixed acid and containing not less than about 15 parts of sulfuric acid and not less than about 15 parts of nitric acid for 100 parts of the mixed acid, the nitration as described causing separation of dipentaerythritol hexanitrate crystals from the nitrating bath as the hexanitrate is produced.

2,437,583
HOSIERY SUPPORTING MEANS
Eric J. Young, Jersey City, N. J.
Application September 17, 1945, Serial No. 616,676
10 Claims. (Cl. 2—309)



1. In a hosiery supporter the combination of a segmental-shaped leg gripping construction, a segmental-shaped hosiery gripping construction, and means resiliently connecting said two constructions so that the stocking gripping construction is normally urged resiliently away from the leg gripping construction, the outer surface of the leg gripping construction being smooth to permit a stocking to readily slide thereover, the outer surface of the hosiery gripping construction being of a non-slip nature to contact with a non-slip engagement the stocking.

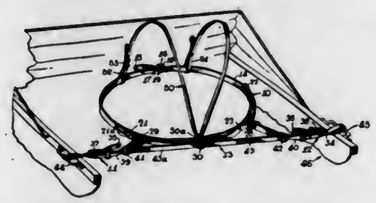
2,437,584
BALLOT BOX
Vicente Zamora, Manila, P. I.
Application May 26, 1947, Serial No. 750,423
2 Claims. (Cl. 232—2)



1. A device of the class described comprising a box for receiving ballots therein, a cover for closing said box provided with a slot in the top thereof for the insertion of ballots therethrough into said box, a closed box-like member depending from said cover beneath said slot and having

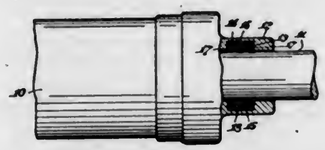
an oblique top portion forming with the top of the cover a horizontal throat extending transversely beneath said slot and flaring away from the same whereby ballots inserted in the slot are deflected to one side of the slot to drop into the box, said member blocking direct access to the box by way of said slot to prevent ballots from being fished out of said box through the slot, said member having a top opening therein extending parallel with said slot in vertical alignment therewith whereby liquid poured through said slot to ruin the ballots will descend into said member and be trapped therein, and a screen covering said opening to block entrance of ballots into said member.

2,437,585
CHILD'S SWIVEL HARNESS
Benno Zimmern, New York, N. Y.
Application July 24, 1946, Serial No. 686,028
2 Claims. (Cl. 227—49)



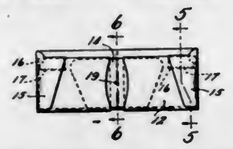
1. A child's harness comprising a belt for encircling a child's waist and provided with means for securing together the ends of the belt; a turning harness secured to said belt and retaining means for lateral securement of the turning harness to fixed points of support, said turning harness supporting the belt at not less than two spaced apart lateral points of support and provided with adjustable sliding means whereby the belt may be rotated while supported at the two spaced apart points of support without any slack appearing in the turning harness and retaining means.

2,437,586
PACKING GASKET AND STATIC SEAL
Joseph S. Aber, Philadelphia, Pa., assignor of six per cent to William S. Loeb, Philadelphia, Pa.
Application April 4, 1946, Serial No. 659,604
5 Claims. (Cl. 286—26)



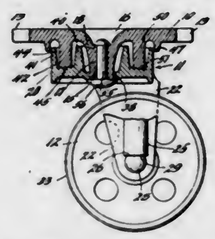
1. A packing gasket and static seal structure comprised of an elastic rubber composition ring having a circumferential groove in one of its boundaries and an elastic rubber composition ring normally round in cross section and seated in the groove of the first mentioned ring, said second ring being narrower in cross section than the groove and wider than the depth of said groove.

2,437,587
FLEXIBLE POCKET RECEPTACLE
George Barton, Racine, Wis., assignor to Buxton, Incorporated, Springfield, Mass., a corporation of Massachusetts
Application October 16, 1942, Serial No. 462,211
6 Claims. (Cl. 150—38)



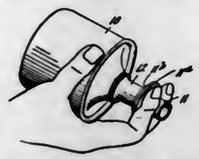
1. A flexible pocket receptacle comprising a rear wall and a front wall providing an elongated bill compartment between them, the front wall including spaced bottom closing members extending from the bottom edge of the rear wall adjacent the ends thereof, and end closing members extending one from each end of the rear wall, the adjacent end and bottom closing members being folded into superposed relation on the rear wall, said members when so folded having overlapping portions extending beyond the upper edge of the front wall, means connecting the overlapped extending portions together, said portions being freely folded downwardly into the bill compartment of the receptacle, with said connections being positioned adjacent the closed ends of the billfold.

2,437,588
CASTER
Charles A. Baum, Hamilton, Ohio
Application November 1, 1944, Serial No. 561,416
6 Claims. (Cl. 16—18)



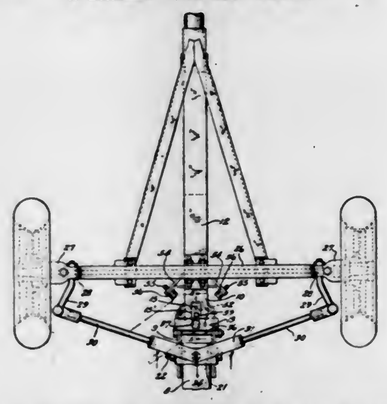
1. A caster of the class described comprising in combination a plate adapted to be secured to a truck or the like, a depending substantially centrally disposed stem carried by said plate, a swivelling housing member having a caster wheel rotatably mounted thereon, said housing member being provided with a central opening to receive said stem with a snug bearing fit, this radial bearing between said stem and said housing member being the sole radial bearing of said caster, means for securing said housing member and said stem rotatably together, two concentric annular flanges formed on said housing member, projecting upwardly therefrom, and spaced apart to provide between them an annular pocket having substantially smooth uninterrupted side walls, the bottom of said pocket comprising an annular radially inclined uninterrupted track the radially inner side of the track being higher than the outer, the cross-section of said pocket being at least as deep as it is wide an annular downwardly projecting flange on said plate adapted to enclose the outer of the two flanges on the housing member to exclude dust and the like, and narrow annular thrust bearing means adapted to move on said track to support said plate upon said housing members.

2,437,589
TELESCOPING DISPENSING NOZZLE WITH FLUID PRESSURE-OPERATED SAFETY VALVE
Arthur R. Bink, Westfield, N. J.
Application April 23, 1945, Serial No. 589,744
7 Claims. (Cl. 222—493)



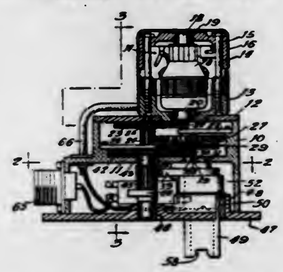
4. A fluid dispensing nozzle comprising telescoping tubular members together comprising an axially extensible and contractible duct, and means associated with the duct for normally maintaining the duct closed, said means being movable to open the duct at all times both by axial contraction of the duct and also by the pressure of fluid at the inlet end of the duct whenever it exceeds a predetermined minimum whether the duct is contracted or not.

2,437,590
STEERING GEAR FOR WHEELED VEHICLES
Thomas A. Bowe, Hilbert, Wis.
Application November 23, 1945, Serial No. 630,418
2 Claims. (Cl. 280—33.55)



1. A steering gear, comprising a vehicle chassis including a central reach, the forward end portion of the reach having spaced horizontal flanges, wheel-carrying axle members pivotally associated with forward portions of the chassis, a steering pole having an articulated inner end section including a strap, the articulated portions of the steering pole being relatively movable in a vertical plane, the extremity of the articulated portion of the steering pole extending between the spaced flanges of the reach, means pivotally connecting said extremity of the steering pole to said flanges of the reach for horizontal turning movements, complementary, adjustable means carried by adjacent portions of the steering pole and reach for limiting relative turning movements of the same, a pair of angularly related steering rods pivotally associated at opposite ends with said axle member, a unitary member interposed between and having its opposite ends connected to said steering rods, and pivot members mounting said unitary member on said strap.

2,437,591
ELECTRIC CONTROL DEVICE
Theodore S. Briskin, Jack Briskin, and Joseph Golick, Chicago, Ill., assignors to Revere Camera Company, Chicago, Ill., a corporation of Delaware
Application April 27, 1944, Serial No. 533,086
4 Claims. (Cl. 192—150)

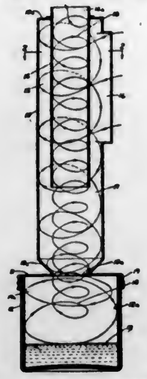


1. A control device for rotating a driven element in either direction through a given angle comprising a housing, a gear sector mounted on said driven element within said housing, blocking means projecting from a portion of said housing for limiting the displacement of said driven element in either direction, electrically controlled driving means for said gear sector including a forward driving circuit and a reverse driving circuit which are adapted to be alternatively energized, means to open said forward driving circuit at about the time when said gear sector has been rotated into contact with one of said blocking means, similar means to open said reverse driving circuit at about the time when said gear sector has been rotated into contact with the other of said blocking means, a cam driven by said driving means for alternately engaging one or the other of said circuit opening means, said cam being of the type which may rotate beyond the two circuit opening positions, and clutch means interposed between said driving means and said gear sector.

2,437,592
DUST SEPARATOR AND FILTER
Richard E. Brown, South Euclid, Ohio, assignor to Air-Maze Corporation, Cleveland, Ohio, a corporation of Delaware
Application January 8, 1945, Serial No. 571,767
2 Claims. (Cl. 183—21)

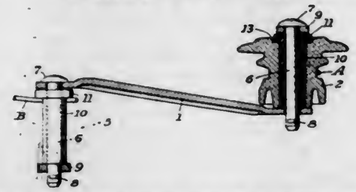
1. Means for separating dust from a stream of gas comprising a cylindrical tube open at the bottom, a second cylindrical tube extending within and downwardly from the top of said first tube to provide an annular inlet chamber, there being a space in said first tube beneath the lower end of said second tube providing a vortex chamber there, there being a gas inlet opening leading into said annular chamber, said second tube having an open bottom and top whereby a gas outlet is provided at the top thereof, and a liquid-containing reservoir in closed communication with the open bottom of said first tube, whereby the gas stream is given a whirling motion in said annular and vortex chambers causing liquid in

said reservoir to be mixed with said gas and thrown against the walls of said reservoir and



said vortex chamber to increase the dust separating action of said means.

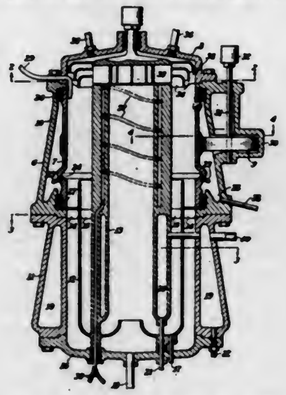
2,437,593
REINFORCED WIRE-CONTACTING INSULATOR ASSEMBLY
Rogers Case, Orange, N. J.
Application November 24, 1945, Serial No. 630,588
2 Claims. (Cl. 174—209)



1. A wire-contacting insulator assembly consisting essentially of a metallic insulator-mounting pin, a frangible spool-form insulator body having a circumferential conductor receiving groove and a pin-receiving bore extended therethrough mounted on and surrounding said insulator-mounting pin, and a tough electrically insulating liner sleeve arranged to contact and detain a wire trained on the insulator when the said frangible insulator body is broken comprising a tubular pin-embracing portion surrounding the insulator-mounting pin within the bore of the insulator body and a wire-detaining skirt extended laterally outward from the said tubular portion at one end of the bore through the said insulator body.

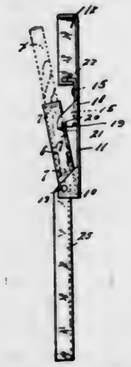
2,437,594
DISTILLATION FROM A FILM BY DIFFUSION INTO A GAS STREAM
Orban Denys, Brooklyn, N. Y., assignor to Distillation Products, Inc., Rochester, N. Y., a corporation of Delaware
Application October 10, 1944, Serial No. 558,106
6 Claims. (Cl. 202—49)

1. A fractionating process comprising maintaining a sheet of vaporizing distilland against the inner wall of a tubular member of circular cross section; simultaneously passing a stream of inert gases over the exposed surface of said sheet to effect the diffusion of the distilland vapor molecules into said stream; the velocity of said stream being such as to result in a streamline or laminar flow, this velocity being also such that the deepest transversal penetration of the diffused vapor molecules in said stream at the point where said stream leaves the liquid sheet of distilland is less than its deepest possible transversal penetration; simultaneously partitioning said stream at the base of the liquid sheet at a substantial transversal distance from said sheet, this



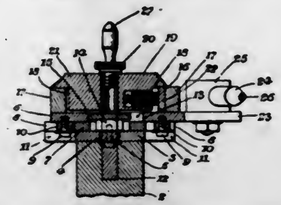
distance being also substantially less than the transversal distance from the liquid sheet to the point of the deepest possible penetration of the diffused vapor molecules and condensing separately the vapors contained in this thus divided stream.

2,437,595
CASE FOR DRILLS
Roy D. Douglass, Minneapolis, Minn.
Application December 19, 1944, Serial No. 568,858
2 Claims. (Cl. 206—17)



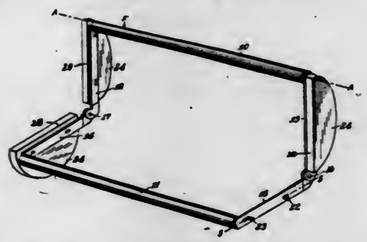
1. The combination with a fixed back plate, of a drill case hinged to the back plate for outwardly tilting movement, a latch plate on the case, and a latch mounted on the back member for limited sliding movement and having a lock notch that interlocks with the latch plate to hold the case closed, said latch also having a stop finger for engagement with the latch plate, when the latch is actuated to release the case, for limiting the tilting movement of the case into an open position.

2,437,596
MACHINE FOR FORMING CURVED SURFACES
Edward Oscar Garnett, Colbyn, Pretoria, Transvaal, Union of South Africa
Application August 18, 1945, Serial No. 611,421
In the Union of South Africa May 15, 1945
3 Claims. (Cl. 125—11)



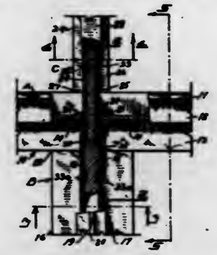
1. A machine for forming curved surfaces having in combination a tool rest plate, a tool clamp on the plate, a tool therein, supports for the plate allowing universal movement thereof in one plane on said supports, a centrally fixed spindle threaded through said plate, a circular hole of precise size in said plate and about the spindle, a removable disc of a determined diameter on said spindle, said disc being smaller in diameter than the circular hole in the tool rest plate, driving means for pressing the tool rest plate against the disc and for moving it to make contact round or partly round the circumference of the disc to provide movement of the point of the tool through a circle or a part of a circle restricted in diameter to the difference in the diameters of the circular hole in the tool rest plate and the removable disc threaded on the central spindle.

2,437,597
HANDBAG FRAME ASSEMBLY
Salvatore Giordano, Maspeth, Long Island, N. Y.
Application March 14, 1946, Serial No. 654,411
1 Claim. (Cl. 150—29)



In a bag frame provided with a pair of similar sections, said sections including leg members pivoted together at their free ends, said leg members being disposed at right angles to the axis of said frame sections, upstanding lugs struck up from said leg members and projecting outwardly therefrom at substantial right angles thereto, enlarged ends on said lugs, finishing plates provided with recesses to frictionally receive the lugs, the spacing of the recesses of the plates corresponding to the spacing of the said lugs, the said recesses being of lesser cross-sectional area than the enlarged ends of the lugs, the plates secured to the opposed leg members of said sections having straight edges designed to have abutting relation with one another when the frame sections are closed, the plates being of a softer material than the lugs so that the enlarged ends of the latter will bite into the material of the plates defining said recesses, on assembly, to interlock plates and leg members.

2,437,598
JOINT FOR METAL WINDOW FRAMES
Harry H. Goldberg, Denver, Colo.
Application May 5, 1947, Serial No. 746,089
5 Claims. (Cl. 287—51)

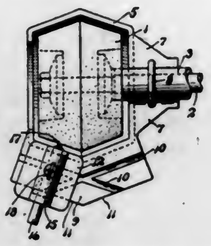


1. The method of interconnecting three sash frame members, each of which has two parallel flanges connected by a web and in which at least two of the members have tubular webs of different thicknesses, the openings in which are of substantially rectangular cross section, the shorter transverse inside dimension of the opening in the thicker web being the same as the shorter transverse outside dimension of the web of the other member, the distance between the outside surfaces of the flanges of all three members being the same; which consists in providing the web in the third member with an opening having a width equal to the outside shorter transverse dimension of the thicker tubular web, removing the flanges of the member having the thicker web to a point where the web walls may project through the opening in the web of the third member, with the ends of the cut back flanges in engagement with the edges of the flanges of the third member, bending the ends of the web walls that project through the opening, outwardly to overlap the sides of the opening, cutting back the flanges of the tubular web member with the thinner web to such a distance that its web walls may be telescoped into the opening in the web of the tubular web member with the thicker web, in which position the cut back flanges abut the edges of the flanges of said third member, positioning an elongated connecting member in the end of the smaller web, providing said connecting member with an end having the same shape and size as the opening in the larger web, inserting the smaller web and the connecting member into the opening in the larger web, and providing an interconnection between the ends of the connecting member and the webs with which they are in contact, whereby the interconnected frame members will be held against relative axial movement, and whereby a rigid joint is obtained.

2,437,599
GRINDING WHEEL DRESSER
Leo O. Greeley, Cadillac, Mich., assignor to General Sales Company of Cadillac, Cadillac, Mich., a limited partnership of Michigan
Application August 19, 1946, Serial No. 691,497
6 Claims. (Cl. 125—11)

1. In combination with a grinding wheel mounted to turn about a horizontal axis, of a

hood adapted to be located over the upper portion of the grinding wheel, means for mounting said hood for movement about the axis of rotation of the wheel to thereby locate the hood under said grinding wheel, a shelf connected with the hood and in the last named position of the hood extending horizontally in front of the grinding wheel, said shelf having carrier guide means thereon, a detachable carrier adapted to be located over said shelf and having means to



cooperate with said guide means on the shelf to move the carrier in a predetermined relation to the peripheral surfaces of the grinding wheel, a rod mounted on said carrier for longitudinal adjustment toward and away from the grinding wheel peripheral surfaces, said rod at its inner end being adapted to carry a grinding wheel dressing point, and means for releasably securing said rod in positions to which longitudinally moved.

2,437,600
SYNTHESIS OF ALDEHYDES
William F. Gresham, Richard E. Brooks, and Walter M. Bruner, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 7, 1945, Serial No. 598,208
11 Claims. (Cl. 260—604)

5. A process for preparing aldehydes which comprises reacting an olefinic hydrocarbon having from two to eight carbon atoms per molecule, said hydrocarbon containing non-benzenoid olefinic unsaturation, with carbon monoxide and hydrogen, the initial molal ratio of $CO:H_2$ being about 1:1.5 to 1:10, at a temperature within the range of 75° to 250° C. and at a pressure within the range of 325 to 3000 atmospheres, in the presence of a hydrogenation catalyst containing cobalt, and thereafter separating from the resulting reaction product the aldehyde formed by the ensuing reaction.

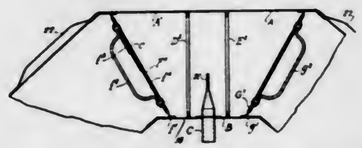
2,437,601
FLUID MIXING DEVICE
Darrel P. Hamlet, Chicago, Ill., assignor to Continental Coffee Company, Chicago, Ill., a corporation of Illinois
Application August 2, 1945, Serial No. 608,437
1 Claim. (Cl. 99—290)

In a device for making coffee of uniform strength having an urn, a coffee maker attached to the upper portion of said urn, said coffee maker adapted to hold ground coffee, means for pouring hot water into said ground coffee in said coffee maker, said coffee maker adapted to permit the coffee so made to drop therefrom, and a receptacle attached to said urn, a vessel supported below and in communication with the coffee maker and above the receptacle, said vessel having a bowl shaped body portion with upwardly diverging sides, said bowl having an opening at the bottom of said bowl, said bowl having substantially twice as many intermediate openings at a higher and wider portion as it has in its bottom, and said bowl having substantially twice as many highest openings at an equally higher and wider portion as it has intermediate openings, said opening at the bottom of the bowl being of such a small size that the strongest coffee first received in the bowl passes out of said



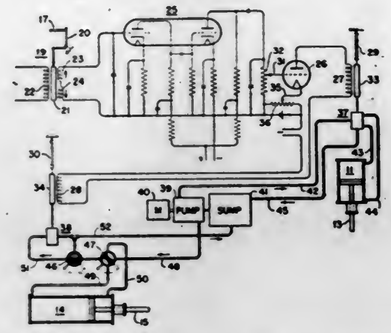
opening at a slower rate than received, thus causing an accumulation of weaker coffee up to the intermediate openings, said intermediate openings being of such a size that the coffee at that level passes out of said intermediate openings at a slower rate than received, thus causing an accumulation of still weaker coffee up to the highest openings, said openings thereby permitting coffee of varying strengths and weaknesses to fall therethrough into said receptacle and mix in said receptacle with coffee of more uniform strength.

2,437,602
INFLATABLE ARTICLE
Kenneth Graeme Hann, Brean, Wales, assignor of one-half to Elliot Equipment Limited, Cardiff, England, a British company
Application July 12, 1945, Serial No. 604,603
In Great Britain July 27, 1944
9 Claims. (Cl. 155—179)



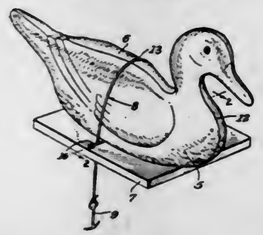
An inflatable article having a plurality of sections, one of said sections being tubular and of collapsible material, said tubular section being connected to another section of the article at one of the ends thereof, a pair of spaced, rigid diaphragms mounted in said tubular section and having their edges joined to the material of the tubular section on the interior surface thereof to provide a bellows chamber, said diaphragms, because of the collapsible nature of said tubular section, being movable towards and from one another, a non-return valve in the diaphragm intermediate the tubular section and said other section for discharge of air from the bellows chamber into the interior of said other section, and means including a non-return valve for admitting air from the atmosphere to the bellows chamber.

2,437,603
MACHINE TOOL CONTROL
Anthony J. Hornfeck, Cleveland Heights, Ohio, assignor to Bailey Meter Company, a corporation of Delaware
Application December 18, 1943, Serial No. 514,786
2 Claims. (Cl. 318—34)



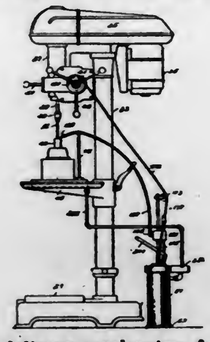
1. In a material forming machine having a relatively movable tool and work piece, a pair of capacitor-run motors for effecting relative movement of said tool and work piece simultaneously in angularly related paths, a pattern having the desired shape of the work piece, a tracer mechanism scanning the pattern as the tool traverses the work piece and adapted when displaced to effect a change in an electrical characteristic in opposite directions from a normal, and an electric network including the motors and tracer, said network including a source of alternating current, a pair of saturable core reactors connected to regulate current from said source for directional speed control of one of the motors and a single saturable core reactor connected to regulate current for speed control only of the other motor, both said pair and said single reactors having cores, and means to variably saturate said cores in accordance with the characteristic change from normal.

2,437,604
DECOY
Lewis C. Hufford, Manhattan Beach, Calif.
Application January 7, 1946, Serial No. 639,559
3 Claims. (Cl. 43—3)



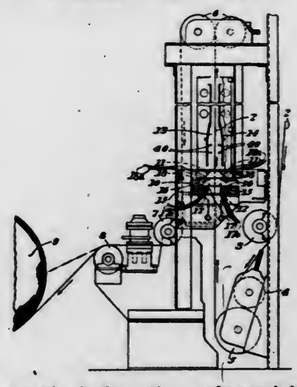
1. A decoy comprising opposed mating sections, a buoyant base member mounting said sections, and means both holding said sections together and serving to anchor the decoy, said latter means comprising a cord trained over said sections, a connection for the cord at one side of the base, and an anchor on the free end of the cord and beneath said base.

2,437,605
COOLANT SUPPLYING MECHANISM FOR MACHINE TOOLS
Maxwell R. Karge, Brockport, N. Y.
Application January 5, 1945, Serial No. 571,523
7 Claims. (Cl. 77—55)



1. Coolant delivery mechanism for a machine tool, said mechanism including a reservoir for holding a supply of coolant, a plunger supported adjacent the top of said reservoir depending downwardly into the reservoir, a cylinder surrounding the lower portion of said plunger and movable upwardly and downwardly on said plunger, and means for moving said cylinder in accordance with feeding movements of the machine tool with which said mechanism is used.

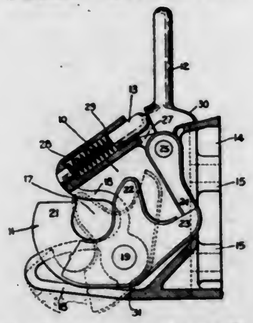
2,437,606
METHOD AND APPARATUS FOR OILING SHEET METAL
George A. Kaufman, Aliquippa, Pa., assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 27, 1944, Serial No. 565,315
3 Claims. (Cl. 117—93)



1. The method of continuously applying a thin, uniform film of oil to both sides of continuous strip metal comprising moving the strip vertically, continuously supplying oil at a predetermined rate to a plurality of air streams disposed on both sides of the strip, atomizing the oil with the air to form a mist of oil particles suspended in air, directing the mist against a plurality of heated surfaces interposed between the air streams and strip in such manner that no oil particles impinge on the strip, maintaining the heated surfaces at a temperature sufficient to vaporize the

oil particles, and charging the molecules of the vapor to a high potential with respect to the strip by causing them to pass through an electrostatic field having a strength between 8000 and 10,000 volts per inch, whereby said molecules are attracted toward the strip and condensed thereon.

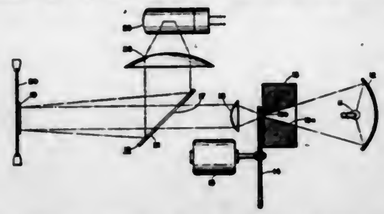
2,437,607
HITCH
Joseph Kuchar, Chicago, Ill.
Application May 14, 1945, Serial No. 593,686
1 Claim. (Cl. 280—33.15)



A hitching mechanism arranged for automatic hitching and safe manual unhitching with and from a complementary hitching element, comprising a body having lower and upper spaced jaw portions defining an outwardly opening mouth, a member pivotally mounted on the lower part of the body including a hook portion a cocking arm, and a latching face, said member being biassed towards unhitched condition, a latching lever having a relatively short lower arm arranged to abut against said face to latch said member in hitching condition and a relatively long upper arm extending upwardly clear of the other hitching elements so that its favorable leverage invites manual actuation at its upper end with the operator's hand remote from the other hitch elements, means biassing said lever towards latching position, said latching lever being arranged to engage said face and hold said member with the hook portion effectually bridging the mouth so as to enclose a complementary hitching element therein and with the cocking lever near the inner end of the mouth, and means on said body engaging said member when unlatched to locate the hook member clear of the upper contour of the lower jaw and clear of the mouth, and with the cocking arm in an outward position substantially bridging the mouth, whereby the hitching mechanism may be backed on to a complementary hitching element in such manner that the cocking arm is moved inwardly towards the inner end of the mouth until the latch engages said face holding the hook portion in hitching relation.

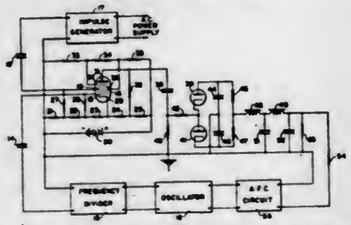
2,437,608
COAXIAL OPTICAL SYSTEM FOR DISPLACEMENT GAUGES
John H. Long, New York, and Walter Lupish, New Hyde Park, N. Y., assignors to the United States of America, as represented by the Secretary of the Navy
Application March 8, 1946, Serial No. 652,908
4 Claims. (Cl. 88—14)

1. In an optical gauge for detecting an element's displacement, a light source, a lens and reflector system aligned with the light source for projecting a substantially parallel-ray beam of light, a diffuse reflector mounted in operative position on the displaceable element in the light beam, a light transmitting mirror at approximately 45° to the axis of the light source and



lens-reflector system and facing away from them, and a light intensity detecting device facing the mirror on an axis at approximately right angles to the first axis, the light beam passing through the mirror to the reflecting means and returning on substantially the same path to the mirror which directs it to the detecting device.

2,437,609
FREQUENCY COMPARISON APPARATUS
Louis F. Mayle, Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation, a corporation of Indiana
Substituted for abandoned application Serial No. 483,139. April 15, 1943. This application August 7, 1946, Serial No. 688,852
7 Claims. (Cl. 250—36)

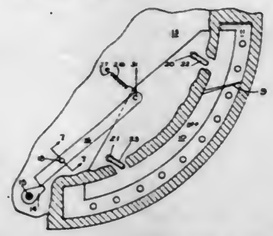


1. Automatic frequency control apparatus for a television timer comprising, an electronic trigger device for developing an alternating current wave, means for varying the conductivity of said trigger device in response to series of positive and negative impulses, the positive and negative energy content of said alternating current wave being determined by the phase relationship of said positive impulses with respect to said negative impulses, means for developing a control voltage representative of the predominant energy content of said alternating current wave, and means under the control of said control voltage for adjusting the phase relationship between said negative and positive impulses to synchronize said impulses.

2,437,610
COMBINED DIAL SCALE, SWITCH OPERATOR, AND POSITION INDICATOR
Eugene F. McDonald, Jr., Chicago, Ill.
Application January 21, 1944, Serial No. 519,245
5 Claims. (Cl. 250—16)

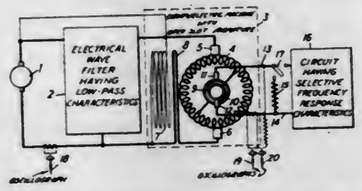
1. In radio apparatus including a dial scale lying substantially in a plane, and power supply means for said apparatus, said means including a switch arranged upon opening to interrupt the supply of such power, the combination of means

for adjustably tuning said apparatus over a range of frequencies and for indicating on said dial scale the frequency to which said apparatus is tuned, a shutter movable in a direction substantially parallel to said plane from a position exposing said scale to a position obscuring said scale, and means



for substantially simultaneously moving said shutter through said scale obscuring position and opening said switch, said shutter being arranged in scale obscuring position to give obvious indications of the interruption of the supply of such power to said apparatus.

2,437,611
ELECTRIC MOTOR SPEED CONTROLLER
Montford Morrison, Upper Montclair, N. J.
Application December 4, 1943, Serial No. 512,896
7 Claims. (Cl. 171—123)



1. In a dynamoelectric machine, an inverted synchronous converter armature, an electrical wave-filter in the direct-current armature line circuit thereof, and said filter being in tuned electrical relation with the tooth-frequency of said armature to control the speed of said armature.

2,437,612
PROCESS FOR ELECTROLYTICALLY ZINC PLATING MAGNESIUM AND MAGNESIUM BASE ALLOYS
Hans Osborg, Port Washington, N. Y.
Application August 21, 1941, Serial No. 407,783
6 Claims. (Cl. 204—37)

1. A process for providing metallic magnesium and alloys thereof containing at least 51% magnesium with corrosion-resistant surface which comprises establishing an aqueous electrolyte about 1.0 normal to zinc, about 2.1 normal to CN radical, about 0.56 normal to CO_3 radical, about 0.18 normal to fluoride, about 1.45 normal to "free" alkali, and about 2.2 normal to total alkali, pretreating said aqueous electrolyte by electrolyzing said electrolyte using a magnesium test cathode at about 35 to about 400 amperes per square foot at temperatures of about 20° to about 80° C. until about 300 to about 2000 watt hours per square foot of cathode area have passed through said aqueous electrolyte and until said magnesium test cathode is provided with a continuous and adherent coating of electro-deposited zinc whereby a modified aqueous electrolyte is produced, immersing metallic magnesium as cathode in said modified electrolyte, passing an electric current through said aqueous electrolyte at a current density of less than about 40 amperes per square foot at temperatures below 35° C. and voltages exceeding 6 volts until said mag-



nesium is provided with a coating of electro-deposited zinc and zinc-coated magnesium is obtained, and subjecting said zinc-coated magnesium to heat treatment in an inert atmosphere at temperatures above about 600° F. until at least a portion of said zinc coating has diffused into said magnesium and said zinc coating is firmly bonded to said magnesium.

2,437,613
ELECTRIC FENCE INSULATOR
Mathew V. Redpath, near Columbiana, Ohio
Application February 8, 1945, Serial No. 576,891
4 Claims. (Cl. 174—139)

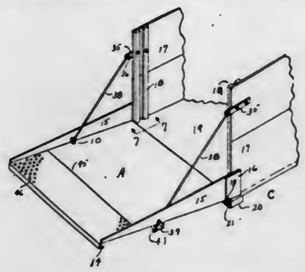


1. An insulated corner bracket for electrical barbed wire fencing including a pair of flanged base members having a U-shaped bracket pivotally attached thereto, a circular annularly grooved insulator positioned in the said bracket, and an arm pivotally attached at one end to the said base members and having wire engaging means formed on the other end thereof, the said wire engaging means comprising spaced brackets projecting from the said arm.

2,437,614
SCOOP BOARD FOR VEHICLE BOXES
Clarence B. Richey, Quincy, Ill., assignor to Electric Wheel Company, Quincy, Ill., a corporation of Illinois
Application December 11, 1944, Serial No. 567,730
2 Claims. (Cl. 296—60)

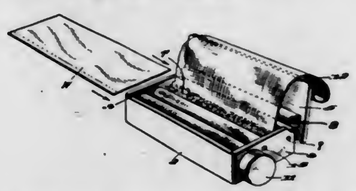
2. In combination with an open rear end vehicle box, a scoop board having forwardly and downwardly extending flanges on its sides, adapted to lie adjacent the outside of the side panels

of the box when the board is open or closed, a rearwardly extending support for the lower end of said board and positioned a short distance below the floor of the box, said board on its bottom, having formed thereon, a rearwardly extending U-shaped trench, adapted to lie on said rearwardly extending support when the board is closed or open, and having a width about equal to the distance between the floor of the box and the top surface of the support, a transverse bar secured to the rear side of the board a distance from said support, openings in the ends of said bar and registering openings in said board, anchor mem-



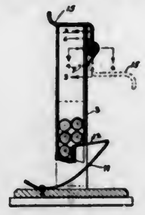
bers secured to the side panels of the box, adapted to extend through said openings when the board is closed, rods having spring characteristics hingedly connected to the protruding ends of said anchors, means on the free ends of said rods adapted to support the board when in its open position, projections on said board positioned to thereby limit the inward swing of the rods when the board is closed, said rods having a length whereby they may be deflected transversely inwardly and their lower ends dropped into said trench for holding the board snugly against the rear end of the box.

2,437,615
CIGARETTE MACHINE
Paul A. Rutherford, Baltimore, Md., assignor to Katherine E. Rutherford, Baltimore, Md.
Application January 9, 1945, Serial No. 572,005
5 Claims. (Cl. 131—47)



1. A cigarette machine comprising a casing having a bottom, opposite end walls and a front wall, a pair of rollers journaled in the casing in side-by-side relation, one of which is adjacent the front wall, an apron having one end attached to the roller nearest the front wall and adapted to be wound on said roller and to extend therefrom over the other roller, a cover hinged to the casing and having a wall portion thereon extending throughout the major portion of the height of the casing from the top edge thereof to the bottom and substantially closing the back of the casing and spaced from the last-mentioned roller forming a rolling space therebetween adapted to receive the apron and a cigarette wrapper in a loop in said space, said loop adapted to be filled with tobacco and to be rolled to enclose the tobacco in the wrapper upon winding of the apron on the first-mentioned roller.

2,437,616
CIGARETTE DISPENSER
Martin Satloff, Brooklyn, N. Y.
Application July 23, 1946, Serial No. 685,605
2 Claims. (Cl. 312—83)



1. An apparatus for dispensing cylindrical objects comprising in combination a base, at least one upright member mounted on said base, a chamber vertically and pivotally suspended from said upright member, a substantially horizontal dividing plate positioned to serve as a bottom for said chamber when it is tilted and a partial bottom when it is vertical, a vertical wall mounted in and movable with said chamber and so positioned as to stand immediately below the inner edge of said horizontal dividing chamber when said chamber is vertical, and a fixed bottom plate so positioned opposite and below said horizontal dividing plate as to obstruct, when said chamber is in a vertical position, that portion of the bottom of the chamber not obstructed by the horizontal dividing plate and vertical wall.

2,437,617
POST BINDER MECHANISM
John Schade, Holyoke, Mass., assignor to National Blank Book Company, Holyoke, Mass., a corporation of Massachusetts
Application April 15, 1946, Serial No. 662,252
3 Claims. (Cl. 129—4)



1. In a post binder of the type having posts, a bottom bar holding the posts, a removable top tube with cross holes to receive the posts, and latch mechanism in the tube to latch it on the posts, the combination of a flattened top tube, a sheet metal slide with a multiple open channel section arranged with a central inverted U-shape channel portion and narrow U-shape portions on each side, the latter portions fitting the bottom and sides of the tube for longitudinal guided sliding movement without much friction, said slide having substantial openings for the posts in the sliding relation, bent vertical portions of the slide formed with slanting cam edges in the longitudinal relation to the tube and adjacent the side edges of said openings, means including a spring to hold said slide in one position of adjustment with relation to said posts, a latch plate for each post, means to pivot the latch plate for movement to horizontal and

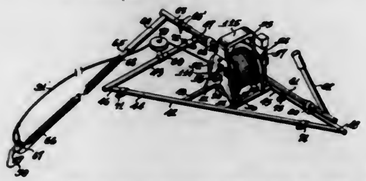
canted positions with relation to the post, such latch plate having a post hole with edges adapted to bind on the post in canted, and free the post in horizontal position, a spring for each plate to urge it to canted position to hold said cam edges near said plates when in canted position, and a finger actuated piece to move the slide to a second position of adjustment relative to said posts against its spring means to move the cam edges against said plates and the latter to horizontal position against their springs.

2,437,618
BEER DELIVERY AND DISPENSING APPARATUS
Louis Schottgen, Penwell, N. J., and Madeline J. Parkerton, New York, N. Y.
Application October 12, 1943, Serial No. 505,992
6 Claims. (Cl. 222—389)



1. Apparatus for transporting beer under relatively low pressure comprising a horizontal transporting tank having a freely movable air-tight piston dividing said tank into a liquid compartment and an air compartment, a stop member in said tank for limiting the forward travel of said piston, visible means for indicating the pressure in said tank, an adjustable air release valve communicating with said air compartment and constructed to be set to release at a definite pressure thus preventing a pressure rise in said air compartment above a predetermined maximum, means providing a source of compressed air for actuating said piston and for exerting pressure in said compartments, means for selectively directing said air into each of said compartments, float valve means permitting escape of air from said beer compartment, said valve means including a float surface of a configuration resulting in insufficient buoyancy to actuate said valve when immersed in foam but sufficient to actuate said valve when in a liquid and adjustable pressure responsive means for controlling the flow of air to maintain a predetermined pressure in one of said compartments.

2,437,619
EMERGENCY PICKUP EQUIPMENT
Walter Hans Setz, Upper Darby, Pa., assignor to All American Aviation, Inc., Wilmington, Del., a corporation of Delaware
Application May 24, 1944, Serial No. 537,061
8 Claims. (Cl. 258—1.2)

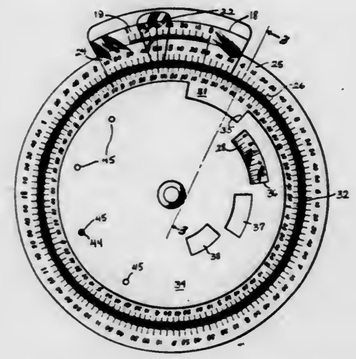


3. In a pick-up unit for temporary use with airplanes, a triangular base comprising tubular sides rigidly united at the ends of the sides, a tubular stiffening brace united to two of the sides, and parallel with the third side, a yoke support for a drum having yoke feet united to the stiffening member and to the third side and additionally stiffening the base, a drum carried by and adapted to coast within the drum support, a brake for the drum, driving means for the drum, a pick-up arm mounted upon the base, a cable carried by the drum and mounting means for securing the unit in an airplane.

2,437,620
METHOD OF COATING MASSES OF SMALL COPPER-BEARING ALUMINUM ARTICLES
William F. Speer, Leonia, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application August 31, 1943, Serial No. 500,663
1 Claim. (Cl. 204—23)

The method of oxide coating a compact mass of small copper-bearing aluminum articles which comprises making said mass of articles the anode in an aqueous electrolyte consisting essentially of about 10 to 25 percent by weight of sulfuric acid and about 0.2 to 1 percent by weight of chromium trioxide and having a fraction of 1 percent by weight of copper introduced therein from the articles treated, said chromium trioxide preventing the deposition of copper-containing material on the surfaces of articles that are out of electrical contact as anode during the anodic treatment.

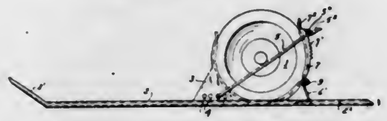
2,437,621
DEVICE FOR COMPUTING LAPSE OF TIME
Carl F. Strate, Chicago, Ill.
Application November 2, 1946, Serial No. 707,470
6 Claims. (Cl. 235—78)



1. A time interval computator comprising a mounting base, concentrically arranged discs of different diameters arranged upon said base, means for connecting said discs to said base for rotation relative to said base and for independent rotation with respect to each other, a scale on the marginal edge of each of said discs, said scale being divided into divisions and said divisions each representing one minute, a plurality of scales on the innermost of said discs and arranged concentrically with respect to each other, the outermost of said discs having an opening formed therein, through which said plurality of scales may be viewed, a cover plate pivotally connected by said means to said mounting base

over said outer disc for rotation independent of said outer disc, said cover plate having a plurality of radially positioned openings formed therein providing sight windows adapted to selectively register with a portion of the opening in said outer disc, and means for releasably latching said cover plate in selected position upon said outer disc.

2,437,622
SKID RUNNER ATTACHMENT FOR VEHICLES
Robert D. Stryker, Collins, Ohio
Application October 3, 1945, Serial No. 620,024
3 Claims. (Cl. 280—13)



1. A skid runner attachment for vehicles comprising a runner formed to provide a mounting for a vehicle wheel, the mounting comprising a toe portion and a heel portion, the toe portion being welded to and extended upwardly from the runner, a strut mounted on the runner, the heel portion of the mounting being supported by the strut, a wheel-engaging latch pivotally secured to the heel portion, and a U-shaped clamping bar adjustably pivotally mounted at one end in the toe portion, the latch being formed with a plurality of teeth with which the other end of the clamping bar selectively engages.

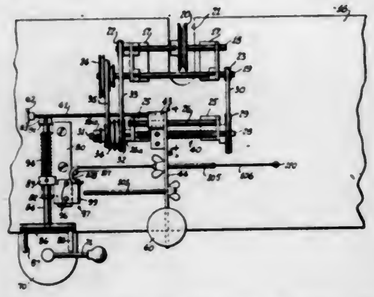
2,437,623
LIGHTER
Harold C. Sundby, Philadelphia, Pa., assignor of one-half to Thorsten Y. Olsen, Philadelphia, Pa.
Application October 8, 1945, Serial No. 621,109
2 Claims. (Cl. 67—7.1)



1. In a lighter, a casing comprising telescopic sections, a stationary carrier in one section, a tensioned flint in said carrier, a friction wheel engaging said flint, a rod on said carrier for mounting said friction wheel, said inner section having longitudinally extending openings into which the ends of said rod extend to limit relative movement of said sections and to restrict such movement to a rectilinear path, said sections having air openings adapted to register when the sections are in the igniting position, and an impregnated wick to receive sparks from said flint.

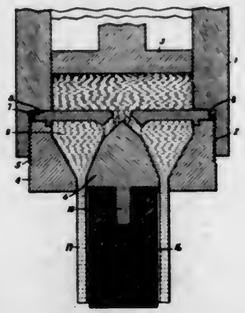
2,437,624
WORK-HOLDING AND GUIDING MECHANISM FOR SEWING MACHINES
Irving Sutker, Brooklyn, N. Y.
Application August 21, 1945, Serial No. 611,734
1 Claim. (Cl. 112—2)

A device of the character described comprising a base, a screw mounted thereon for rotation, means to rotate the screw, a guide shaft parallel to said screw, a member slidably mounted on the guide shaft, means on said member to disengageably engage the threads of the screw, a work holder on said member, a handle on said member to facilitate the swinging of said member about the axis of said shaft for disengaging the screw engaging means relative to the screw, the means for rotating the screw being controlled by a reversing switch, a rod slidably mounted on said base, said rod having a pair of arms, one arm being adapted to move the switch from one operating position to neutral, and the other arm being adapted to move the switch from reverse



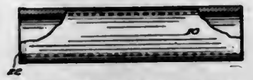
operating position to neutral position, spring means to urge said rod to a position for moving the switch to neutral position, means to retain said rod in retracted position, and means to release said retaining means as said member reaches a predetermined position in one direction, and said means also serving to release said retaining means as said member reaches a predetermined position in an opposite direction.

2,437,625
PROCESS AND DIE FOR EXTRUDING TUBULAR PLASTIC PRODUCTS
George F. Taylor, Grosse Point Woods, Mich., assignor to Carboloy Company, Inc., Detroit, Mich., a corporation of New York
Application October 30, 1942, Serial No. 463,885
8 Claims. (Cl. 75—22)



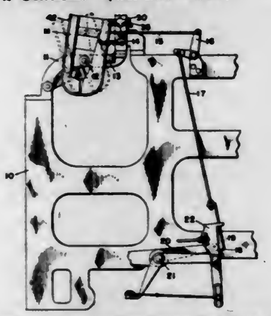
8. The method for making thin-walled cemented carbide tubes which comprises extruding a plastic mixture of cemented carbide ingredients in the form of a tube and around but out of contact with a refractory support, depositing the extruded tube onto said support, drying and sintering the supported tube to form a hard, dense mass having the shape of said refractory support.

2,437,626
METHOD OF RECLAIMING USED METAL MOLDS
Clifford R. Tinsley, Beverly, N. J., assignor to United States Pipe and Foundry Company, a corporation of New Jersey
Application September 4, 1943, Serial No. 501,333
4 Claims. (Cl. 29—148.2)



1. The method of reclaiming a cylindrical metal mold employed for centrifugally casting pipe and the like and having therein contractile stresses resulting from use in casting, which comprises removing a longitudinal strip from the wall of the mold whereby said contractile stresses operate to contract said mold circumferentially and thereby bring into abutting relation the edges of the slot thus formed, and welding said edges together.

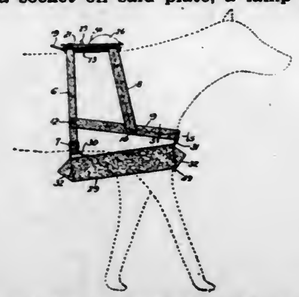
2,437,627
BRAKE AND DAMPENER FOR ROCKING BOBBIN MAGAZINES
Richard G. Turner, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application April 2, 1947, Serial No. 738,883
2 Claims. (Cl. 139—232)



1. In a weft replenishing loom having a frame, a reserve bobbin magazine having an end plate, a pivotal support for the magazine on the frame, a stop on the frame, a spring holding the magazine in normal position against the stop, means rocking the magazine about said pivotal support from said normal position to a transfer position, said spring thereafter returning the magazine to normal position, and a brake and vibration dampener member pivotally and resiliently mounted with respect to the loom frame and positioned to engage said end plate when the magazine returns to normal position to retard movement thereof and remain in engagement with said end plate when the magazine is in normal position to prevent vibration thereof around said pivotal mounting.

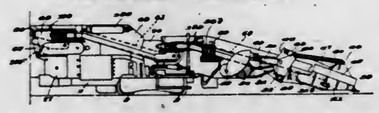
2,437,628
DOG HARNESS
John T. Warren, Long Beach, Calif.
Application March 29, 1945, Serial No. 585,462
3 Claims. (Cl. 240—59)

1. A dog harness comprising a girth portion, a back portion, a shoulder portion and a breast one end to said shoulder portion and at the rear band, said breast band being connected near thereof to said girth portion, screws securing both said shoulder and girth portions to said back portion, a plate removably secured to said back portion, a socket on said plate, a lamp in said



socket, a translucent hood hinged to said plate and covering said lamp, a battery carrier suspended from the bottom of said girth portion and the end of said breast portion, said lamp being in a circuit which includes the battery, and switch.

2,437,629
LOADING MACHINE
William Whaley, Knoxville, Tenn.
Application October 24, 1944, Serial No. 560,126
13 Claims. (Cl. 198—7)

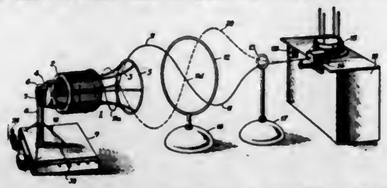


1. In a loading machine, the combination of a body structure, a jib section supported at the forward end of the body structure for lateral swinging movement relative thereto, a loading device supported on the jib section for loading material, a power conveyor supported on the jib section for receiving the material from the loading device and for conveying said material rearwardly therefrom, a second power conveyor mounted in fixed position on the body structure to receive the material from the jib conveyor and to direct said material rearwardly of the body structure, a discharge conveyor mounted on the body structure for lateral swinging movement relative thereto in position to receive the material from the fixed conveyor and to discharge said material from the machine, said discharge conveyor including separate sections connected together in series with one section mounted on the body structure for swinging movement about a substantially vertical axis and supporting the other sections of said discharge conveyor thereon for lateral swinging movement, a second section connected with the first-mentioned section and pivoted thereto for upward swinging movement, and a discharge section supported by the second section.

2,437,630
WIRE PAY-OFF MECHANISM
Morris F. Williams and Seymour B. Gallt, Syracuse, N. Y., assignors to Crucible Steel Company of America, New York, N. Y., a corporation of New Jersey
Application July 17, 1945, Serial No. 605,568
2 Claims. (Cl. 242—128)

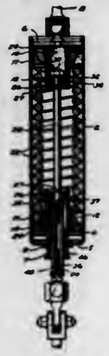
1. A pay-off mechanism of the character described including a coil supporting frame having a portion receivable within a coil of wire or the

like to be unwound, mechanism for continuously pulling the wire or the like in a direction endwise of said frame, guiding means for normally producing a revolving outwardly whipping motion of the wire or the like in passing from said frame



to said pulling mechanism, a tiltable platform for supporting said frame, and means operable upon abnormal tilting movement of said platform in a direction toward said pulling mechanism for throwing the latter out of action.

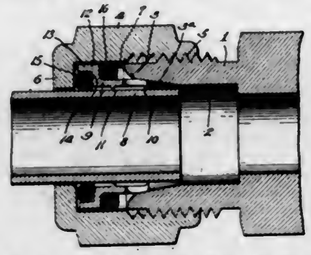
2,437,631
SUPPORT
Joseph Kaye Wood, New York, N. Y., assignor to General Spring Corporation, New York, N. Y., a corporation of New York
Application April 20, 1945, Serial No. 589,373
18 Claims. (Cl. 248—54)



1. A device for mounting a load such as piping and other equipment subject to alternating movements, which comprises spring means arranged for elastic deflection and recovery upon movement of said load in opposite directions through a predetermined mid-point under the action of forces successively impressed thereon, said device being characterized by having means for abruptly resisting deflection of at least a part of said spring means in one direction beyond a mid-point which corresponds to said mid-point in the movement of the load, thereby to prevent harmonic oscillation, said device also having connections to the load and to an anchorage so arranged that relative movements between the load and the anchorage impress the aforementioned deflections on said spring means.

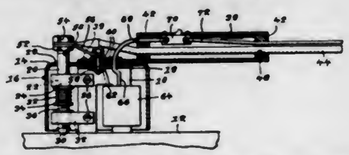
2,437,632
COUPLING FOR TUBES
John N. Wolfram, Cleveland, Ohio, assignor to The Parker Appliance Company, Cleveland, Ohio, a corporation of Ohio
Application November 13, 1944, Serial No. 563,173
3 Claims. (Cl. 285—122)

1. A coupling for tubes comprising a body member, a nut having a threaded engagement with said body member, said nut having a flange provided with an opening through which the tube extends into the coupling, the flange in the nut being spaced away from the body member, said body member having a bore to receive the tube end which bore is tapered toward the outer end to provide a camming surface, a sleeve disposed in the nut and having the inner end thereof extending into the bore and contacting with said camming surface, the inner end of said sleeve being provided with slits extending longi-



tudinally of the sleeve and with a cutting edge at the inner end of the gripping sections formed by the longitudinal slits whereby when said sleeve is forced against the camming surface by the nut, the inner end of the sleeve will be easily contracted and the cutting edge caused to bite into the tube, and a plurality of deformable sealing gaskets one of which is located between the sleeve and the tube and the other of which is located between the sleeve and the nut for sealing the connection of the tube to the coupling.

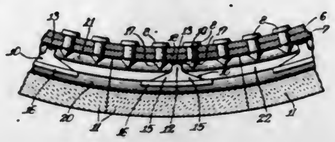
2,437,633
ELECTRIC WELDING GROUND
Oliver R. Abram, Glendale, Calif.
Application November 12, 1943, Serial No. 510,063
1 Claim. (Cl. 173—324)



In an electric welding apparatus comprising a housing having an open bottom, a horseshoe type electromagnet carried interiorly of the housing and extending below the bottom thereof, guide arms carried by one side of the electromagnet, a contact pin vertically movably supported in said guide arms, insulated bushings carried by said arms to insulate said pin from said arms and said electromagnet and a spring acting on said pin for yieldingly holding it in contact with the work.

2,437,634
SEAM PROTECTOR FOR BOILERS
John E. Anderson, Chicago, Ill., assignor to Plibrico Jointless Firebrick Company, Chicago, Ill., a corporation of Illinois
Application September 11, 1944, Serial No. 553,617
4 Claims. (Cl. 110—97)

1. In boiler seam protecting means, a boiler having a riveted seam with the rivet heads projecting therebeyond, the heads of selected pairs of rivets having opposed grooves therein, substantially T-shaped hangers spaced along said seam each comprising a stem having at its end adjacent the boiler a first substantially rectangular integral head with beveled sides extending outward laterally from the stem at opposite sides thereof secured in the grooves of a pair of rivet heads and at its end away from the boiler a second substantially rectangular integral head extending outward laterally of the stem in all directions,



and refractory protecting members respectively mounted on and enclosing said second heads of said hangers extending over and protecting said seam, each of said members having therein an interior lengthwise groove open at its ends of substantially T-shape in cross section receiving the stem and said second head of the corresponding hanger.

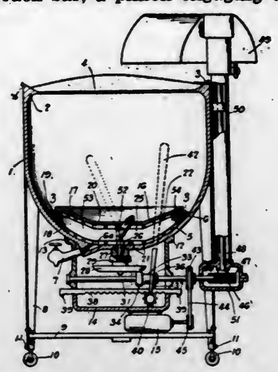
2,437,635
ATTACHMENT PLUG AND FUSE
Johan R. S. Arentz, Chicago, Ill.
Application January 15, 1946, Serial No. 641,290
1 Claim. (Cl. 200—115.5)



A fused attachment plug comprising in combination, a bell shaped housing formed with a wire inlet aperture in the closed end thereof, a disk-like cover removably positioned in the open end of said housing, a pair of outwardly projecting prongs secured to said cover, a mounting block formed integrally with said cover and disposed in said housing, said block comprising a diametrically extending web and a substantially circular plate carried by said web, pairs of fuse holders provided at the opposing sides of said cover and said plate, said prongs being in circuit with the fuse holders on said cover, a pair of flat connector pieces provided on the remaining side of said plate, rivets extending through said plate and electrically connecting each of the fuse holders thereon to one of said connector pieces, a terminal screw provided on each of said pieces, and a pair of cartridge fuses positioned in said holders.

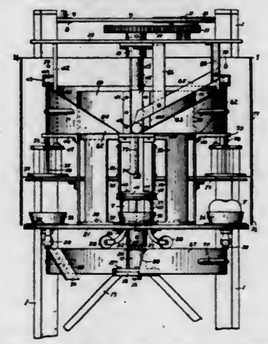
2,437,636
CLOTHES-WASHING MACHINE
John G. Becker, Los Angeles, Calif.
Application June 21, 1945, Serial No. 600,804
4 Claims. (Cl. 68—184)

1. In a washing machine, a tub for the washing fluid, a unidirectional, rotatable pump impeller mounted on a vertical axis and disposed in the bottom of the tub, a driven friction disk connected with the impeller, a friction drive element movable transversely across the face of the disc, means for actuating the drive element to actuate the impeller, means for moving the friction drive element to change the speed of the agitator or to disconnect the impeller, said means including a slidable rack bar, a pinion engaging the rack,



and an operating lever, and the rack connected with the friction drive element.

2,437,637
SLICING, CUTTING, AND CORE-REMOVING MACHINE
Edward W. Bridge, Philadelphia, Pa.
Application January 7, 1946, Serial No. 639,588
5 Claims. (Cl. 146—40)

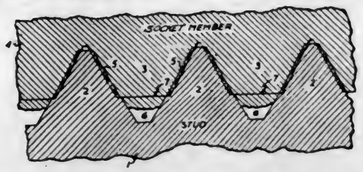


1. In a fruit slicing and coring machine; a turntable on which the operating units are mounted, and which has openings through which fruit segments are discharged; a hinged trap-door for each opening; a stationary cam track located below the table; a cam-engaging roller on an arm on the trap-door for engaging said cam track and holding the door shut; a cutting plate on the trap-door to project through the turn-table opening; a cutting-head having cutting edges cooperating with said cutting plate and a funnel member mounted on the turn-table and encircling said opening and said cutting plate, said cutting plate having a central passage and slots or grooves radiating from said central passage to receive the edges of said cutting head; and a centering pin on the trap-door within said central passage.

2,437,638
STUD AND INSTALLATION THEREOF
Edwin R. Evans, Orchard Lake Village, Mich., assignor to Dardelet Threadlock Corporation, a corporation of Delaware
Application October 23, 1942, Serial No. 463,084
32 Claims. (Cl. 151—14)

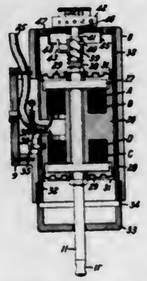
1. In combination, a male member and a member having a socket for the male member, said

members having mating threads, the crest of one of such threads having a predetermined material interference with the groove bottom of the



other thread, the threads being designed to form voids at both flanks of each thread to receive metal displaced through said interference.

2,437,639
ELECTRICAL MEASURING APPARATUS
Frederick Kessler Floyd, Denver, Colo., assignor to Metron Instrument Company, Denver, Colo., a corporation of Colorado
Application August 19, 1943, Serial No. 499,282
12 Claims. (Cl. 33—147)



8. In a comparator gage, a gage head, a sleeve within said gage head, a single core of magnetic material removably mounted within said sleeve, said core having an axial bore therethrough, a spindle extending through said bore and carrying a gage tip, coil means mounted on said core at the ends thereof, armatures secured to said spindle and located adjacent the opposite ends of said core, and a pair of flexible diaphragms supporting said spindle from and within said sleeve for axial displacement with respect to said gage head.

2,437,640
STRIP OF SEVERABLE REINFORCING TABS FOR LOOSE-LEAF SHEETS
Charles E. Hedrick, Sr., Alexandria, Va.
Application November 17, 1944, Serial No. 563,873
4 Claims. (Cl. 206—56)



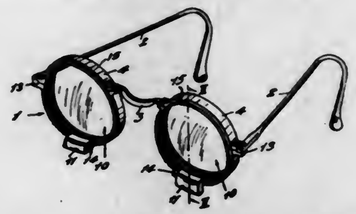
1. In a tab assembly of the class described, a C-shaped tab, the terminals of the free ends thereof being arcuately cut and therefore sector-shaped, a second C-shaped tab disposed in a plane with the first-named tab and having its central body portion arranged so that the sector-shaped ends of the first-named tab contact the outer marginal edge portions of said second-named tab, the portions of the end edges of the first-named tab adjacent the inner periphery of the latter being connected to the outer edge of the body portion of the second-named tab by circumferentially spaced readily severable webs.

2,437,641
HONING AND FILING DEVICE
Robert O. Hein, Lincolnwood, Ill.
Application July 6, 1946, Serial No. 681,718
5 Claims. (Cl. 51—205)



1. A honing device comprising a holder having end formations and an intermediate body with a flat side, one of said formations comprising a shank adapted to be held in a reciprocable socket of a filing machine or the like, a stop on said side adjacent said shank and having a beveled face forming with said side a V-notch diverging toward the other end of said body, the other formation comprising an extension of substantially reduced thickness relative to said body, said extension being substantially in the form of an inverted U when said shank is lowermost, the free arm of said extension being spaced from and overlapping said body at said side and substantially spaced from said stop, said arm having a beveled end face facing said side and diverging from said side toward said shank, said side and said beveled faces affording substantially a dovetail formation, said arm and said body having aligned holes, said hole in said arm being threaded, the other hole being enlarged at the side of said body opposite the aforesaid side, a headed screw in the hole of said body and threaded in the hole of said arm, said arm being resiliently flexible about the bight of said U toward said body in response to rotation of said screw in one direction and away from said body in response to rotation of said screw in the opposite direction, and a hone shorter than said holder and having two opposite parallel flat sides extending substantially throughout the length of said hone, one side of said hone being in substantial contact with the first mentioned side of said body, said hone having symmetrical parallel V-grooves completely across and at the ends of and normal to the axis of said hone, each groove diverging away from the other, the inclination of the faces of said grooves and the inclined faces of said stop and arm being substantially uniform relative to the first mentioned side of said body, said arm, when relaxed, being spaced from the first mentioned side of said body a distance sufficient to enable said hone to be passed freely into and out of position to be clamped by said arm, with a face of one groove between said body and said arm, and with a face of the other groove between said body and said stop, said screw being adjusted to firmly clamp said hone against said body.

2,437,642
SPECTACLES
Francois Charles Pierre Henroteau, Liege, Belgium
Application August 16, 1946, Serial No. 690,919
1 Claim. (Cl. 88—41)



Spectacles comprising a frame having two eye pieces therein, each of said eye pieces comprising two lenses secured in a ring with a space between them, said lenses giving in combination the vision correction required by the wearer for distant vision and the opposing surfaces of said lenses bounding said space being of different curvatures, means for rotatably mounting said eye pieces in said frame, a liquid chamber secured to and rotatable with each eyepiece and having a volume at least equal to that of said space, a passage connecting each chamber to the space between the lenses in the eye piece to which it is secured, a liquid in said chamber which does not wet said lenses and has a refractive index such that, when the liquid is introduced into said space, the composite lens consisting of said two lenses and said liquid gives the vision correction required by the wearer for close vision, and stops to limit the rotation of each eye piece to 180°.

2,437,643
SEPARATION OF NEUTRAL FAT FROM TALL OIL
Alfred G. Houpt, Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application May 12, 1942, Serial No. 442,695
2 Claims. (Cl. 260—97.5)

1. In a process of separating the fatty acid soaps of black liquor soap from the rosin acids by forming a hot, substantially anhydrous solution of fatty acids, rosin acids and an amount of alkali sufficient to neutralize only the fatty acids in an alcoholic organic solvent in which the alkali soaps of the fatty acids are soluble hot but not cold, and in which the rosin acids are soluble hot and cold, and, after cooling said solution to precipitate the soaps of the fatty acids which are then separated from the mother liquor, the steps which comprise adding to the mother liquor sulphuric acid diluted with anhydrous alcoholic organic solvent in an amount about 0.25% in excess of that required to neutralize the alkalinity of the mother liquor, thereby setting free residual fatty acids contained therein, heating the acidified mother liquor to esterify residual fatty acids with the anhydrous alcoholic organic solvent and to isomerize rosin acids to crystallizable forms, removing the solvent by distillation, extracting the rosin acids, unsaturated fatty acid esters, hydrocarbons and sterols from the still residue with naphtha, adding to the resulting naphtha solution dilute aqueous alkali in an amount 1.1–2.0 times that equivalent to the acid present, separating the naphtha solution from the aqueous rosinate solution by gravity separation, and heating the naphtha solution from the last-named separation to distill off the naphtha and leave a residue containing sterols and esters of unsaturated fatty acids.

2,437,644
SULFOFLUORIDES OF AZOIC DYESTUFFS
Hans Zacharias Lecher, Plainfield, Robert Prescott Parker, Somerville, and Corris Mabelle Hofmann, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application July 31, 1944, Serial No. 547,514
12 Claims. (Cl. 260—176)

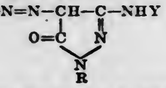
1. An azo compound having the following formula:

$$[A—N{=}N—]_nB$$

in which A is the residue of a diazotized amino benzene sulfonyl fluoride free from water solubilizing groups, B is an ice color coupling component of the acyl acetic arylide series the arylide being selected from the group consisting of arylides of the benzene series, arylides of the diphenyl series, and arylides of the naphthalene series, and n is a member selected from the group of one and two.

2,437,645
METAL COMPLEXES OF PYRAZOLONE AZO DYESTUFFS
Robert Sidney Long and Charles Edward Lewis, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application December 8, 1944, Serial No. 567,305
15 Claims. (Cl. 260—147)

1. Dyestuffs being complexes of metals of atomic weight from 52 to 64 with azo dyes represented by the formula:

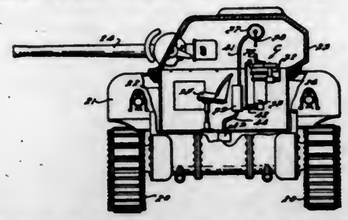


in which A is the residue of a diazotized amine selected from the group consisting of amines of the benzene and naphthalene series having in the ortho position to the amine substituent a metallizable substituent selected from the group consisting of hydroxyl, alkoxyl, and carboxylic acid groups, R is an aryl group containing not more than two fused rings, and Y is selected from the group consisting of hydrogen, acyl, and aryl radicals of the benzene series.

2,437,646
TURRET TRAVERSING MECHANISM
Victor E. Matulaitis and Teno Iavelli, Detroit, Mich., assignors to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application August 5, 1943, Serial No. 497,552
5 Claims. (Cl. 192—2)

1. Traversing mechanism comprising a driving pinion, an electric motor having a shaft connected to the pinion, a mechanical brake for the shaft, an electrical brake for the shaft,

means for supplying varying quantities of current to the motor to change the speed thereof, means operating as an incident to the initial energization of the motor to release the mechanical brake, means for supplying varying



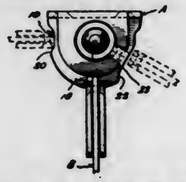
quantities of current to the electrical brake to change the retarding effect thereof, said last named means being actuated to decrease the supply of current to the brake as the means for supplying current to the motor is actuated to increase the motor speed.

2,437,647

TAKEDOWN TYPE WALL BRACKET

Robert E. McLean, Fort Benning, Ga.

Application June 17, 1944, Serial No. 540,848
6 Claims. (Cl. 248—289)



1. A support of the character stated, comprising a body designed to be attached to a supporting structure, a pair of spaced parallel ears carried by the body, said ears having outer circular edges and the circular edge of one ear being of greater diameter than the other, the said other ear having a circular opening therethrough and a slot leading from the opening through the edge of the ear, a pivot post secured to the said one ear in concentric relation with said circular opening and extending through the space between the ears, an arm, a bearing sleeve extending across an end of the arm and adapted for extension through said opening to receive the pivot post, the slot being of a width to pass the portion of the arm adjacent the bearing sleeve, a latching pawl pivotally attached to the arm adjacent to the edge of the said one ear for sliding contact with such edge, a keeper notch formed in the edge of the said one ear to receive said latching pawl, the keeper notch being disposed in a position to maintain the arm against swinging movement in a position removed from said slot, the said edge of the said one ear having a second notch adapted to have the pawl frictionally retained therein.

2,437,648

CATALYTIC OXIDATION OF UNSATURATED ORGANIC COMPOUNDS

Nicholas A. Milas, Belmont, Mass., assignor to Research Corporation, New York, N. Y., a corporation of New York

No Drawing. Application September 15, 1943, Serial No. 502,525
11 Claims. (Cl. 260—617)

1. Process for the direct production of polyhydroxy derivatives of unsaturated hydrocarbons containing at least one olefinic linkage, which comprises treating the hydrocarbon with hydrogen peroxide in a neutral and initially substantially anhydrous environment and in the presence of a catalytically active oxide of a metal which forms unstable per-acids, and recovering the resulting polyhydroxy derivative from the reaction mixture.

8. Process for the direct production of a product consisting mostly of cyclopentene-2-diol-1,4(cis) from cyclopentadiene, which comprises treating cyclopentadiene with a neutral and initially substantially anhydrous solution of hydrogen peroxide in an inert organic solvent medium in the presence of a catalytically active oxide of a metal which forms unstable per-acids, at a temperature below normal room temperature, and recovering the resulting diol from the reaction mixture.

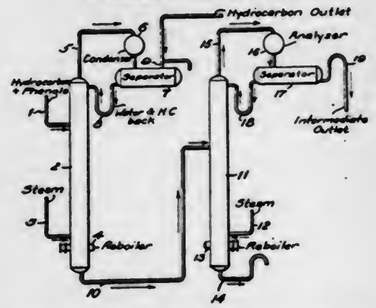
11. As a new product, cyclopentene-2-diol-1,4(cis).

2,437,649

SEPARATION OF PHENOLS FROM HYDROCARBON DISTILLATES BY STEAM DISTILLATION

David William Milner, Leeds, England, assignor to Yorkshire Tar Distillers Limited, Barnsley, England

Application March 7, 1945, Serial No. 581,557
In Great Britain November 20, 1944
8 Claims. (Cl. 202—42)



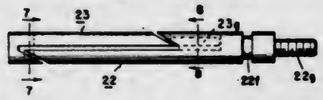
1. The process of treating hydrocarbon distillates containing phenols which distill along with the hydrocarbons when such distillates are vaporized in the absence of steam which comprises subjecting such hydrocarbon distillates to distillation in the presence of steam, driving off as vapour the major portion of the hydrocarbon components with water in the form of an azeotropic mixture and recovering the phenols in the residual or higher boiling fractions.

2,437,650

ABRADING TOOL

Levi Hester Palmer, Childersburg, Ala.

Application May 22, 1946, Serial No. 671,475
8 Claims. (Cl. 51—194)



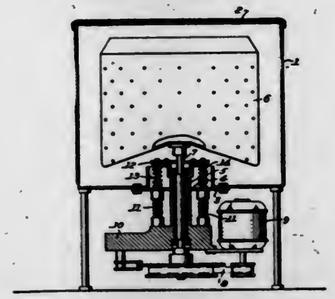
1. An abrading roll of the character set forth, comprising an elongated cylindrical member having a solid driving end, the other end of the member being tubular and having a longitudinal slot in its tubular wall, a sheet of abrasive material disposed about the periphery of the tubular end of the member with its ends passing through the slot, and clamping means contained in said tubular end and being operative to secure the ends of the abrasive sheet comprising a part mounted for rotation relative to but being normally secured against axial separation from said member, and a second part mounted to rotate in unison with said first part but being axially separable therefrom and removable from the member.

2,437,651

LAUNDRY CENTRIFUGAL

Christian Oscar Rasmussen, Copenhagen, Denmark

Application August 8, 1939, Serial No. 289,081
In Denmark August 9, 1938
Section 3, Public Law 690, August 8, 1946
Patent expires August 9, 1958
2 Claims. (Cl. 210—71)



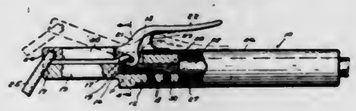
1. A laundry centrifugal comprising a casing having a bottom with a hole in it, a tubular body passing freely through said hole, said body having an upper collar within the casing and a lower collar below the casing, a set of helical compression springs of a relatively great resiliency secured to said upper collar and to said bottom and arranged in a circular row around said tubular body, a set of tension springs of a relatively small resiliency secured to said bottom and to said lower collar and arranged in a circular row around said tubular body, said tubular body constituting a shaft bearing and support, and a drum supporting shaft carried by and journaled in said tubular body.

2,437,652

WELDING ROD HOLDER

Rupert R. Reddick, Oakland, Calif.

Application November 21, 1945, Serial No. 629,937
1 Claim. (Cl. 219—8)



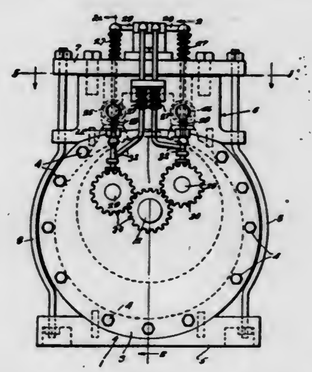
A welding rod holder comprising a ferrule having a conductor receiving axial bore entering one end, an integral fixed jaw protruding axially from the opposite end of the ferrule, said ferrule also having a radial slot opening into the bore adjacent its junction with the fixed jaw, a pivot pin extending transversely through the ferrule substantially midway between the ends of the slot, said fixed jaw having an inclined notch in its end remote from the ferrule, a movable jaw having an inclined welding rod-receiving socket near one end adapted to align axially with the notch in the end of the fixed jaw when the jaws are parallel, an integral offset handle at the end of the movable jaw remote from the socket, a hook on the movable jaw at its junction with its integral handle, said hook engaging the pivot pin pivotally to couple the movable jaw with the fixed jaw, a tubular handle fitted over the ferrule, a spring carried by the tubular handle and engaging the handle on the movable jaw yieldingly to urge the movable jaw toward the fixed jaw and a conductor entering the bore in the ferrule and so clamped therein as to contact the hook on the movable jaw and effect good electrical contact therewith.

2,437,653

VALVE-IN-HEAD ROTARY INTERNAL-COMBUSTION ENGINE EMBODYING A ROTARY PISTON WITH RADIAL SLIDING VANES AND HAVING A COMBUSTION CHAMBER IN THE HEAD

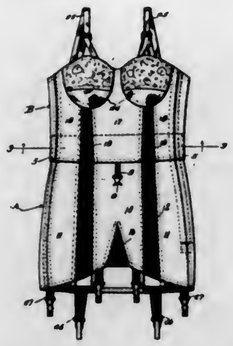
Everett W. Rich, San Diego, Calif.

Application July 3, 1943, Serial No. 493,453
1 Claim. (Cl. 123—16)



In a rotary engine, a housing, a rotary piston eccentrically mounted in the housing and having radial sliding vanes, a head removably mounted on the housing and provided with a combustion chamber and having horizontal intake and exhaust passages opening through one side thereof, said intake and exhaust passages communicating with the housing at circumferentially spaced points, said head further having admission and outlet passages respectively connecting opposite ends of the combustion chamber with the interior of the housing at circumferentially spaced points, valve mechanism including poppet valves carried by the head and movable substantially radially of the housing for controlling said intake and exhaust passages, other valve mechanism including poppet valves movable parallel with the axis of the piston for controlling said admission and outlet passages, a charge-igniting device for the combustion chamber, and an axial shaft for the piston, said valve mechanism including cam shafts at opposite sides of and driven by said axial shaft, and means operatively connecting said cam shafts to said poppet valves.

2,437,654
FOUNDATION GARMENT
Irving Rosner, New York, N. Y., assignor to Even-Pul Foundations, Inc., New York, N. Y., a corporation of New York
Application February 27, 1945, Serial No. 579,956
1 Claim. (Cl. 2—30)



A foundation garment comprising horizontally yieldable complete brassière and girdle sections, the brassière section having a back portion composed of inelastic central and side panels respectively having central V-shaped elastic gussets in the upper and lower edges thereof, the lower portion of said brassière section being telescoped over the upper portion of said girdle section, permanent connections between the sides of the overlapped portions of said sections, elastic straps permanently attached at their upper ends to the lower edge of the back portion of said brassière section respectively centrally between and adjacent the sides of said back portion and permanently connected at their lower ends to the outer face of the back portion of the girdle section at points spaced from and below the lower edge of the brassière section to yieldingly resist relative separating movement of the back portions of said sections, a single further elastic strap permanently attached at its upper end to the lower edge of the front portion of said brassière section centrally between the sides of said front portion, and means to detachably connect the the lower end of the last named strap to the outer face of the front portion of the girdle section at a point spaced from and below the lower edge of the brassière section to yieldingly resist relative separating movement of the front portions of said sections, said permanent side connections and straps being the only connections between said sections.

2,437,655
BRASSIÈRE
Irving Rosner, Forest Hills, N. Y., assignor to Even-Pul Foundations, Inc., New York, N. Y., a corporation of New York
Application April 24, 1946, Serial No. 664,537
3 Claims. (Cl. 2—42)

1. A brassière comprising an elongated body having cooperating fastening devices for separably connecting the ends thereof at the rear of the wearer, said body comprising an intermediate front portion having upwardly diverging side edges and substantially similar inelastic end portions having inclined inner side edges permanently connected directly to the upwardly diverging side edges of said front portion, said front portion having an upper part composed of a pair of breast pockets joined together along a central seam and a lower part forming an under-breast band and permanently connected at its upper edge directly to the lower edges of the breast pockets, said lower part being composed of a



central inelastic section having upwardly diverging side edges and horizontally yieldable elastic end sections having inclined inner side edges permanently connected directly to the upwardly diverging side edges of said central section, the outer side edges of the breast pockets and of the elastic end sections being inclined and directly joined to the inclined inner side edges of the end portions of the body.

2,437,656
DUMP ATTACHMENT FOR VEHICLES
John R. Steenhoven, Springfield, Minn.
Application December 13, 1946, Serial No. 716,106
2 Claims. (Cl. 298—19)

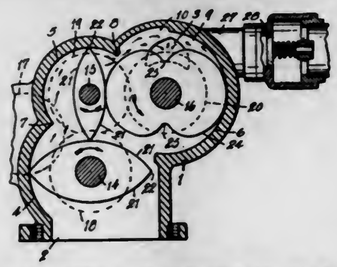


1. A dump attachment for a four wheeled vehicle which includes a main frame adapted to lie upon the bed of a vehicle, a sub-frame adapted to fit within the main frame, a pivotal connection between the one end of the main frame and the adjacent end of the sub-frame, a fulcrum shaft carried by the main frame intermediate its ends, said fulcrum shaft extending transversely of the main frame below the under side thereof, a lift lever pivoted intermediate its ends to the fulcrum shaft adjacent each side of the main frame, a roller adjacent the end of each lift lever for engagement with the sub-frame near its free end, a transversely extending pivot bar fixed to the sub-frame near its pivoted end, said pivot bar lying intermediate the ends and in a plane above the upper side of the sub-frame, a fluid actuated ram adjacent each side of the sub-frame, one end of each ram being pivotally connected to the pivot bar and the opposite end of each ram being pivotally connected to the end of a lift lever remote from the end carrying the roller whereby when the ram is energized a lifting force will be exerted adjacent each end of the lift frame.

2,437,657
HEAT-STABLE PLASTICIZED RESIN COMPOSITIONS
Herbert J. West and Henry M. Enterline, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application January 4, 1945, Serial No. 571,368
1 Claim. (Cl. 260—45.3)

A resinous butylated urea-formaldehyde condensation product which is a reaction product of urea, formaldehyde and a butyl alcohol plasticized with a resinous reaction product of phthalic acid, glycerol and 2-ethyl hexoic acid.

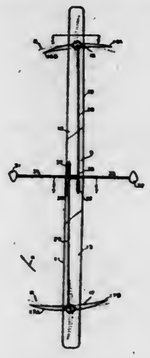
2,437,658
INTERENGAGING IMPELLER TYPE BLOWER OR PUMP
Alfred O. Williams, Battle Creek, Mich.
Application January 21, 1944, Serial No. 519,107
11 Claims. (Cl. 230—141)



1. In a blower, the combination of a casing having an inlet and an outlet and comprising first and second lobes disposed side by side with the first lobe opening to said inlet and a third lobe disposed in opposed relation to the first and second lobes and opening to the inlet, said lobes having end walls and cylindrically curved side walls, the curved side walls of the first and second lobes intersecting each other, the curve of the side wall of the third lobe intersecting the curve of the side wall of the second lobe, the outlet being in an end wall of the third lobe, the side wall of the third lobe having a recess therein adjacent the outlet, first and second impellers disposed within and coacting with the first and second lobes respectively and synchronously driven for rotation in the same direction, said first and second impellers having symmetrically curved sides and terminating in substantially pointed ends and being in coacting abutment relation to each other, and a third impeller disposed within and coacting with the third lobe and synchronously driven with said first and second impellers in the opposite direction relative to the direction of rotation of said first and second impellers, said third impeller having opposed lobes with curved ends and side recesses between the lobes, said second and third impellers being in coacting abutment relation with the side recesses of the third impeller receiving the ends of the second impeller.

2,437,659
BALANCED IMPELLER STRUCTURE FOR WIND MOTORS
John R. Albers, Sioux City, Iowa, assignor to Wincharger Corporation, a corporation of Minnesota
Application July 19, 1943, Serial No. 495,261
3 Claims. (Cl. 170—75)

1. A wind motor comprising a two bladed impeller mounted on a shaft at right angles thereto and adapted to rotate with the shaft about the longitudinal axis of the shaft, said blades being mounted in line with each other on opposite sides of the shaft, bearing means for said shaft supporting it for rotation about its longitudinal axis, a governing member attached to each impeller blade on one face thereof, an operating mechanism for said member attached to each impeller blade on the face thereof opposite to said member, said operating mechanisms holding said governing members in inoperative position at speeds of rotation of the impeller below a predetermined speed and causing said governing members to move gradually into increasingly operative positions on increase in the speed above said predetermined speed, said governing members serving when in operative position to reduce the rate of increase of speed of the impeller upon increase in wind velocity, a pair of supporting arms mounted in line with each other on opposite sides of the impeller shaft and in a line at right angles

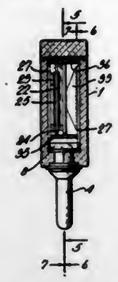


to the line of the impeller blades and perpendicular to the axis of the impeller shaft, and a balance weight attached to the extremity of each of said arms, said weights being streamlined for the direction of rotation of said impeller with which they rotate, said weights being adjustably mounted on the ends of said arms, said adjustment when operated serving to change the length of the moment arms of said weights about the axis of said shaft, the structure comprising said impeller blades and attached governing members and operating mechanisms and balance weights having their masses so distributed that the moment of inertia of said structure about the longitudinal axis of said supporting arms is substantially equal to the moment of inertia of said structure about the longitudinal axis of said impeller passing through the axis of said impeller shaft and that the masses of said structure on the windward and leeward sides of a plane passing through said longitudinal axes of the supporting arms and impeller blades are substantially equal.

2,437,660
END-LOADED PIEZOELECTRIC UNIT
Henry M. Bach, Lawrence, N. Y., assignor to Premier Crystal Laboratories, Inc., New York, N. Y., a corporation of New York
Application April 29, 1944, Serial No. 533,316
9 Claims. (Cl. 171—327)

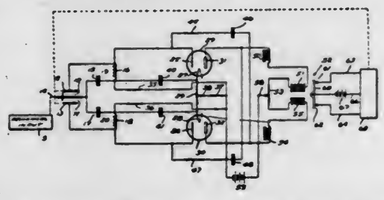
2. A piezo-electric device comprising a housing of insulation material having one end open for loading the crystal-electrode unit therein, a pair of contact prongs, a corresponding pair of metal

contact strips one for each electrode, and a pair of T-bolts for fastening the contact strips inter-



nally to respective prongs, the fastening being effected by turning the prongs externally.

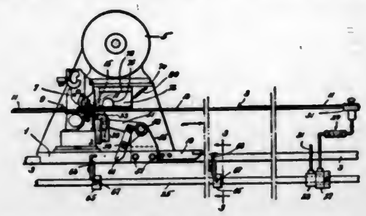
2,437,661
OSCILLATOR CONTROLLED FOLLOW-UP SYSTEM
Charles F. Coake, Indianapolis, Ind., assignor to Senn Corporation, New Augusta, Ind., a corporation of Indiana
Application February 24, 1945, Serial No. 579,628
7 Claims. (Cl. 318—31)



7. A control system comprising a pair of variable condensers formed by a pair of relatively fixed plates and an intermediate movable plate which is adapted to vary the capacities of said condensers in opposite sense in response to variations in a control element, a pair of space discharge devices having individual tuned input circuits including said condensers and having cross-connected feed-back circuits to cause said devices to oscillate in unison as a push-pull oscillator and to draw substantially equal space currents when said condensers have predetermined capacities, differential relay means including sets of contacts to be selectively actuated, and means responsive to the differential effect of said space currents to actuate said relay means in response to predetermined variations in the capacities of said condensers and follow-up means selectively energized by closing of said contacts.

2,437,662
SLITTING AND PUNCHING ATTACHMENT FOR PIECE-END SEWING MACHINES
Wilfred N. Hadley, Springfield, Vt., assignor to Parks and Woolson Machine Company, Springfield, Vt., a corporation
Application May 5, 1943, Serial No. 485,724
14 Claims. (Cl. 112—2)

1. A sewing machine for joining cut ends of cloth having in combination stitch-forming devices, a wheel supporting the cloth during the sewing and rotating to carry the cloth past the stitching-forming devices, a cutter, and means forcing the cutter through the cloth on the op-



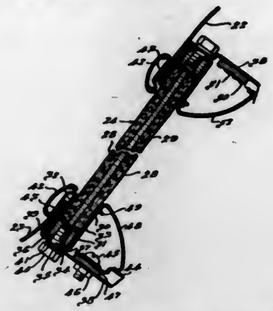
posite side of the seam from the cut ends while the cloth is being carried by the wheel.

2,437,663
DEVICE FOR DEPOSITING MATERIAL IN WELL HOLES
James D. Haynes, Kilgore, Tex., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Delaware
Application November 16, 1944, Serial No. 563,681
2 Claims. (Cl. 166—19)



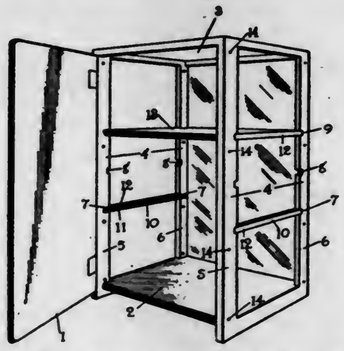
1. A dumping bailer adapted for lowering a pulverulent material into a well comprising a container for holding the pulverulent material to be dumped, a removable closure in the bottom of the container, shear pins in the bottom of the container adapted to form a support for the closure and to release the closure when sheared, a central agitator longitudinally disposed within the container and adapted for longitudinal motion therein, guide means attached to the lower end of the agitator for centralizing the lower end of the agitator within the container, a bar extending longitudinally through the agitator, upper stop means on the upper end of the bar limiting downward movement thereof relative to the agitator, lower stop means on the lower end of the bar limiting upward movement thereof relative to the agitator, said bar being of sufficient length between the said upper and lower stop means to permit longitudinal movement of the bar relative to the agitator so that the lower end of the bar may strike the removable closure, stop means attached to the upper end of the container for limiting the upward movement of the bar by engaging the upper stop means thereon, and means attached to the upper end of the bar above the upper stop means for suspending the container in the well.

2,437,664
VEHICLE WINDSHIELD CONSTRUCTION
Harold A. Hicks, Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application March 27, 1944, Serial No. 528,219
6 Claims. (Cl. 296—84)



3. In combination, a vehicle body, a roof, a transparent windshield extending between the vehicle body and the roof, means acting entirely externally of the windshield to connect the lower edge of the windshield to the vehicle body for transmitting tension and compression loads between the windshield and the vehicle body, and means acting entirely externally of the windshield to connect the upper edge of the windshield to the roof for transmitting tension and compression loads between the roof and the windshield.

2,437,665
KITCHEN CABINET
James Rose, Davenport, Iowa, assignor to Luella Rose, Davenport, Iowa
Application March 19, 1945, Serial No. 583,592
3 Claims. (Cl. 211—143)

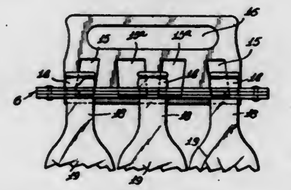


1. A cabinet of the type indicated comprising connected top, bottom, and corner posts, a shelf or shelves, and guide rails for the shelf or shelves, said posts being notched for the reception of the guide rails, the guide rails comprising two portions of unequal lengths and heights, the length of one portion being substantially the same as the distance between the remotest walls of opposed notches, and the ends of the other portion extending beyond the ends of the first mentioned portion to overlap the posts whereby to serve as retaining means for the guide rails.

2,437,666
MINERAL FEED FOR ANIMALS AND METHOD OF PRODUCING SAME
George B. Smith, Maple Park, Ill., assignor to Roberta Jane Baxter, Crystal Lake, and Marjorie Lou Smith, Evanston, Ill.
No Drawing. Application January 15, 1945, Serial No. 572,976
5 Claims. (Cl. 99—2)

1. The method of preparing a mineral feed for animals which consists in providing a crushed iron pyrite, roasting the material to drive out part of the sulphur and to leave a predetermined percentage therein and thereby providing a relative porous crushed iron-sulphur material of greatly increased solubility in the chemicals present in the digestive tract of animals.

2,437,667
BOTTLE CARRIER
Leicester I. Smith, West Hartford, Conn., assignor of one-half to Marion R. Guthrie, Hartford, Conn.
Application December 8, 1944, Serial No. 567,196
7 Claims. (Cl. 294—87)

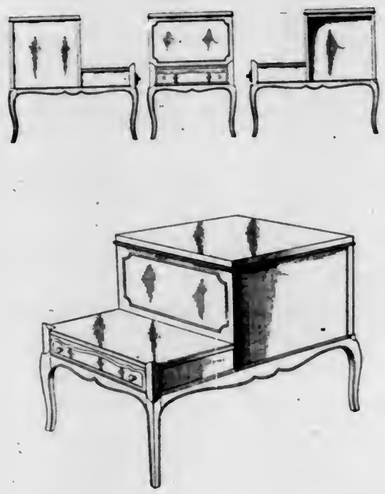


1. In a device for carrying bottles, the combination of a horizontal main frame having two parallel rows of holes for receiving the headed necks of the bottles and also having a longitudinal vertical slot parallel with the rows and between them, a handle member movable vertically through the slot in the frame and having a plurality of inclined slots therein, and a plurality of plates carried by the main frame and guided for horizontal movement to partly close the holes and grip the necks of the bottles below their heads, the said plates having portions fitting the respective slots in the handle member so that the plates are moved into and out of bottle gripping positions when the handle member is moved relatively upward and downward.

DESIGNS

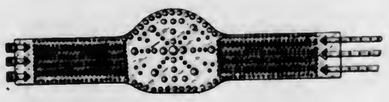
MARCH 9, 1948

148,902
DESIGN FOR A PROVINCIAL STEP TABLE
Guido Alessandrini, Grand Rapids, Mich., assignor to Townsend Manufacturing Company, Zeeland, Mich., a corporation of Michigan
Application August 5, 1946, Serial No. 132,296
Term of patent 7 years
(Cl. D33—14)



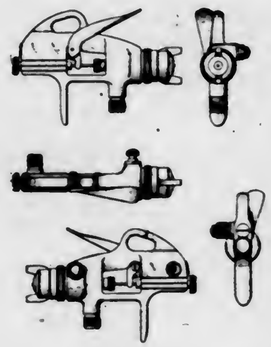
The ornamental design for a provincial step table, substantially as shown and described.

148,903
DESIGN FOR A BELT
James Samuel Ashdowne, Detroit, Mich., assignor to Joseph Buegeleisen Co., Inc., Detroit, Mich., a corporation of Michigan
Application September 16, 1946, Serial No. 133,353
Term of patent 14 years
(Cl. D3—10)



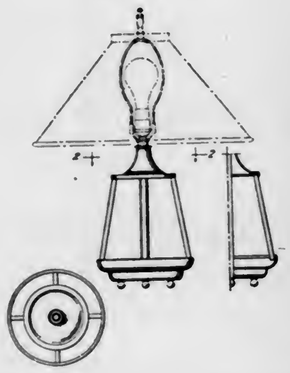
The ornamental design for a belt, as shown and described.

148,904
DESIGN FOR A SPRAY GUN OR THE LIKE
John W. Baur and Eric Gustafsson, Chicago, Ill., assignor to Binks Manufacturing Company, Chicago, Ill., a corporation of Delaware
Application June 14, 1946, Serial No. 130,728
Term of patent 14 years
(Cl. D62—2)



The ornamental design for a spray gun or the like, as shown.

148,905
DESIGN FOR A COMBINATION LAMP AND POTTED PLANT BOWL
Robert O. Bextel, Chicago, Ill.
Application April 19, 1947, Serial No. 138,492
Term of patent 14 years
(Cl. D48—20)



The ornamental design for a combination lamp and potted plant bowl, as shown and described.

148,906
DESIGN FOR A CONDIMENT SHAKER
Boris Blecher, Philadelphia, Pa.
Application November 1, 1946, Serial No. 134,447
Term of patent 14 years
(Cl. D44—22)



The ornamental design for a condiment shaker, as shown.

148,907
DESIGN FOR A RADIO CABINET OR THE LIKE
Frank C. Burton, Grand Rapids, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application April 30, 1946, Serial No. 129,141
Term of patent 3½ years
(Cl. D56—4)



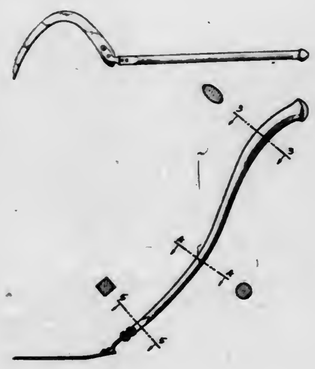
The ornamental design for a radio cabinet or the like, as shown.

148,908
DESIGN FOR AN EAR DRUM PROTECTOR
Jacob J. Cantor, Los Angeles, Calif.
Application September 11, 1943, Serial No. 111,099
Term of patent 14 years
(Cl. D83—1)



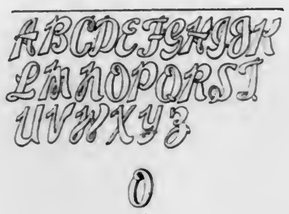
The ornamental design for an ear drum protector, as shown.

148,909
DESIGN FOR A SCYTHE
George W. Carlson, Minneapolis, Minn.
Application September 4, 1945, Serial No. 121,830
Term of patent 14 years
(Cl. D35—2)



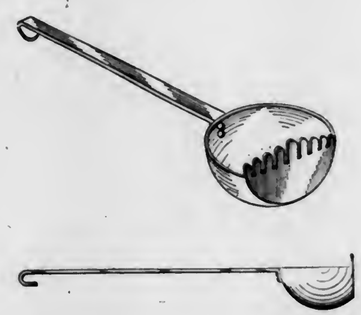
The ornamental design for a scythe, as shown.

148,910
DESIGN FOR AN ALPHABET FOR FORMING MONOGRAMS OR THE LIKE
Michael Chernow, New York, N. Y.
Application November 26, 1946, Serial No. 135,091
Term of patent 14 years
(Cl. D64—12)



The ornamental design for an alphabet for forming monograms or the like, substantially as shown.

148,911
DESIGN FOR A LADLE
Ernest J. Comeau, Plattsburg, N. Y.
Application August 16, 1946, Serial No. 132,572
Term of patent 14 years
(Cl. D44—29)



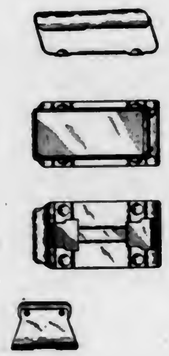
The ornamental design for a ladle, as shown.

148,912
DESIGN FOR A WORK COAT
Helen C. Cookman, New York, N. Y., assignor to Mary Ellen Cookman, New York, N. Y.
Application March 26, 1946, Serial No. 127,956
Term of patent 7 years
(Cl. D3—4)



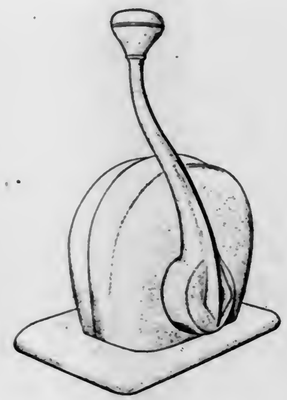
The ornamental design for a work coat, as shown and described.

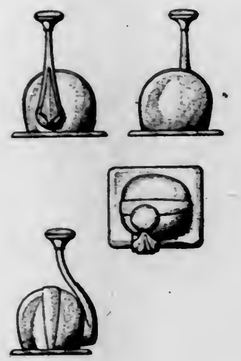
148,913
DESIGN FOR A HANDLE FOR A SANDING PAD
Stephen A. Crosby, Chicago, Ill., assignor to Sterling Tool Products Company, a corporation of Illinois
Application October 25, 1946, Serial No. 134,254
Term of patent 14 years
(Cl. D37—1)



The ornamental design for a handle for a sanding pad, as shown.

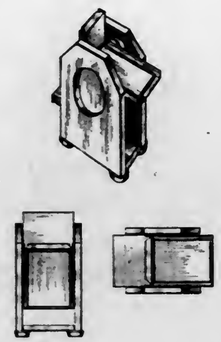
148,914
DESIGN FOR A CONTROL UNIT
Charles J. Daubenberger, Pacific Palisades, Calif., assignor to Dauby Equipment Company, Santa Monica, Calif., a corporation of California
Application October 18, 1946, Serial No. 134,063
Term of patent 7 years
(Cl. D26—5)





The ornamental design for a control unit, substantially as shown.

148,915
DESIGN FOR A REVOLVING FILE
Otto Decker, New York, N. Y.
Application November 27, 1946, Serial No. 135,129
Term of patent 3½ years
(Cl. D33—19)



The ornamental design for a revolving file, substantially as shown.

148,916
DESIGN FOR A TABLE TOP
Donald H. Dickerman, Newport Beach, Calif., and Frank H. Coburn, Sea Cliff, N. Y.
Application May 15, 1946, Serial No. 129,727
Term of patent 14 years
(Cl. D33—14)



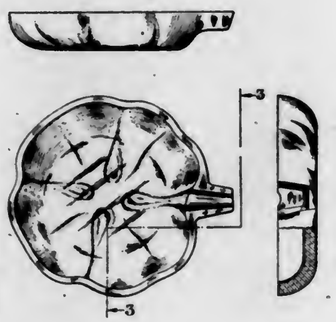
The ornamental design for a table top, substantially as shown and described.

148,917
DESIGN FOR A PEN OR LIKE ARTICLE
Eugene Douglas, Brooklyn, N. Y.
Application February 28, 1947, Serial No. 137,218
Term of patent 14 years
(Cl. D74—17)



The ornamental design for a pen or like article, as shown.

148,918
DESIGN FOR AN ASH TRAY OR ARTICLE OF SIMILAR NATURE
Albert J. Dreitzer, New York, N. Y., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y., a corporation of New York
Application December 6, 1945, Serial No. 124,401
Term of patent 14 years
(Cl. D85—2)



The ornamental design for an ash tray or article of similar nature, substantially as shown.

148,919
DESIGN FOR FOOD TONGS
Callie Duncan, The Dalles, Oreg.
Application September 4, 1946, Serial No. 133,055
Term of patent 14 years
(Cl. D44—4)



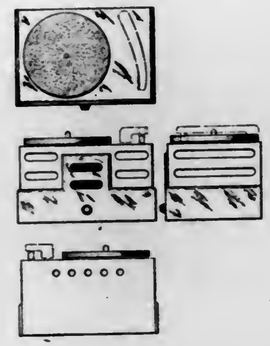
The ornamental design for food tongs, as shown.

148,920
DESIGN FOR A SCRAPER OR SIMILAR ARTICLE
Henry Eisenberg, New York, N. Y.
Application April 18, 1946, Serial No. 128,722
Term of patent 3½ years
(Cl. D9—6)



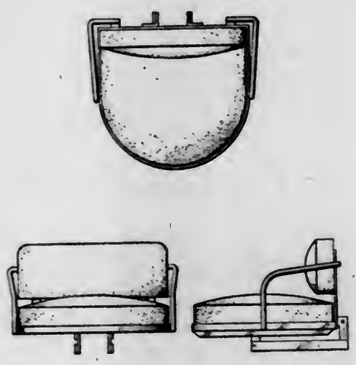
The ornamental design for a scraper or similar article, as shown and described.

148,921
DESIGN FOR A PHONOGRAPH OR THE LIKE
Harvey L. Everett, Mount Vernon, N. Y.
Application September 23, 1946, Serial No. 133,500
Term of patent 7 years
(Cl. D56—4)



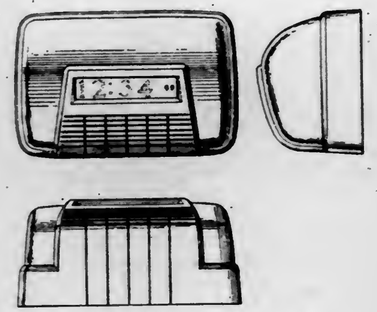
The ornamental design for a phonograph or the like, substantially as shown and described.

148,922
DESIGN FOR A MACHINE SEAT
William A. Fleischer, Grand Island, Nebr.
Application September 3, 1946, Serial No. 133,027
Term of patent 3½ years
(Cl. D15—8)



The ornamental design for a machine seat, as shown.

148,923
DESIGN FOR A WALL CLOCK
Gordon W. Florian, Bridgeport, Conn., assignor to Casco Products Corporation, Bridgeport, Conn., a corporation of Connecticut
Application October 11, 1947, Serial No. 141,867
Term of patent 14 years
(Cl. D42—7)



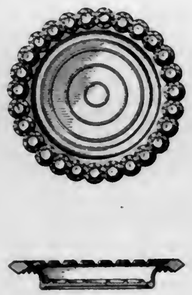
The ornamental design for a wall clock, as shown and described.

148,924
DESIGN FOR AN EMBOSSED LEATHER OR SIMILAR ARTICLE
Stephen B. Freedman, New York, N. Y.
Application July 10, 1947, Serial No. 140,184
Term of patent 14 years
(Cl. D87—3)



The ornamental design for an embossed leather or similar article, substantially as shown.

148,925
DESIGN FOR A COASTER OR SIMILAR ARTICLE
Harry A. Ganser, New York, N. Y.
Application March 4, 1947, Serial No. 137,337
Term of patent 14 years
(Cl. D44—10)



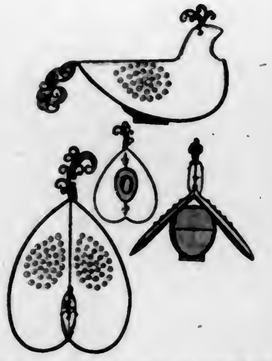
The ornamental design for a coaster or similar article, substantially as shown.

148,926
DESIGN FOR A SCARF
Abraham M. Goldberg, Denver, Colo.
Application August 23, 1946, Serial No. 132,786
Term of patent 14 years
(Cl. D3—12)



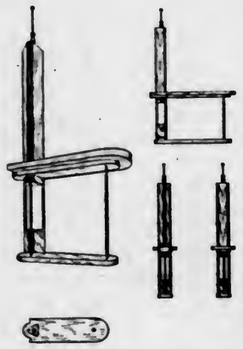
The ornamental design for a scarf, as shown and described.

148,927
DESIGN FOR A COMBINED SACHET BAG AND PERFUME BOTTLE CONTAINER
Elizabeth N. Graham, New York, N. Y.
Application February 20, 1947, Serial No. 137,034
Term of patent 14 years
(Cl. D86—10)



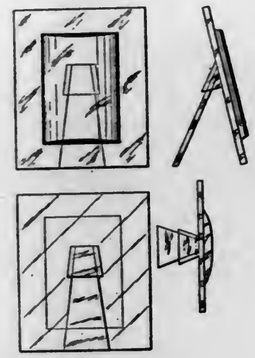
The ornamental design for a combined sachet bag and perfume bottle container, substantially as shown.

148,928
DESIGN FOR AN AUTOMOBILE SERVICE STATION ISLAND
Jean A. Hardesty, Altadena, Calif., assignor to Signal Oil Company, Los Angeles, Calif., a corporation of California
Application October 21, 1946, Serial No. 134,140
Term of patent 14 years
(Cl. D13—1)



The ornamental design for an automobile service station island, substantially as shown.

148,929
DESIGN FOR A PICTURE FRAME
Paul L. Hartnett, Leominster, Mass.
Application October 5, 1946, Serial No. 133,776
Term of patent 7 years
(Cl. D29—20)



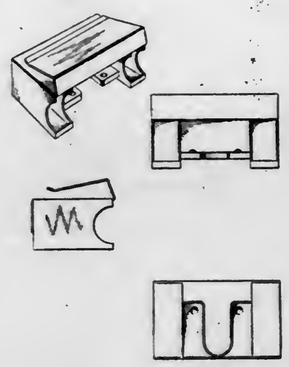
The ornamental design for a picture frame, as shown.

148,930
DESIGN FOR A CHILD'S BRICK
Bertram Mark Hickman, London, England
Application January 23, 1946, Serial No. 125,861
In Great Britain July 25, 1945
Term of patent 14 years
(Cl. D34—15)



The ornamental design for a child's brick, substantially as shown.

148,931
DESIGN FOR A RAZOR AND BLADE HOLDER
Horner H. Hopkins, Des Moines, Iowa, assignor to Cobbs-Hopkins Company, Des Moines, Iowa
Application May 11, 1946, Serial No. 129,617
Term of patent 14 years
(Cl. D4—3)



The ornamental design for a razor and blade holder, substantially as shown.

148,932
DESIGN FOR A CANDLE HOLDER
David Kaplan, New York, N. Y.
Application May 8, 1946, Serial No. 129,456
Term of patent 3½ years
(Cl. D48—2)



The ornamental design for a candle holder, as shown.

148,933
DESIGN FOR AN ADJUSTABLE LINE CONNECTOR
Edward H. Karleen, Morris Township, Morris County, N. J., assignor to Karleen, Incorporated, Morris Plains, N. J., a corporation of New Jersey
Application February 12, 1946, Serial No. 126,525
Term of patent 14 years
(Cl. D26—1)





The ornamental design for an adjustable line connector, as shown.

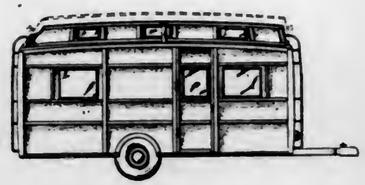
148,934
DESIGN FOR A SADDLE
Lou Kosloff, Hollywood, Calif.
Application August 28, 1946, Serial No. 132,920
Term of patent 7 years
(Cl. D38—7)

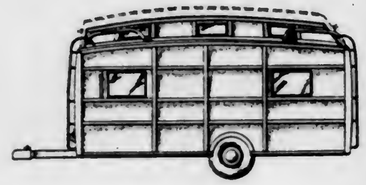


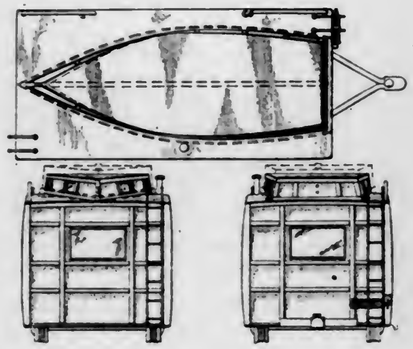


The ornamental design for a saddle, as shown.

148,935
DESIGN FOR A TRAILER
Ray F. Kuns, Cincinnati, Ohio
Application March 15, 1946, Serial No. 127,556
Term of patent 14 years
(Cl. D14—3)

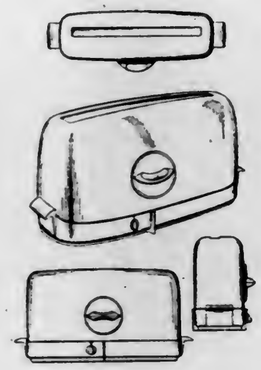






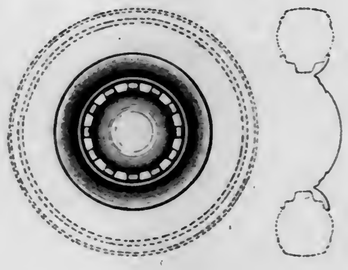
The ornamental design for a trailer, substantially as shown and described.

148,936
DESIGN FOR AN ELECTRIC TOASTER
Harry L. Laylon, Rochester, N. Y., assignor to Samson-United Corporation, Rochester, N. Y., a corporation of Delaware
Application June 13, 1946, Serial No. 130,681
Term of patent 14 years
(Cl. D81—10)



The ornamental design for an electric toaster, as shown.

148,937
DESIGN FOR A WHEEL COVER OR SIMILAR ARTICLE
George Albert Lyon, Allenhurst, N. J.
Application March 30, 1946, Serial No. 128,098
Term of patent 14 years
(Cl. D14—30)



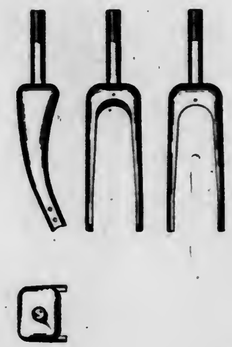
The ornamental design for a wheel cover or similar article, as shown and described.

148,938
DESIGN FOR A LUMINOUS PENDANT
John C. MacLennan, Toronto, Ontario, Canada
Application December 4, 1946, Serial No. 135,247
In Canada June 20, 1946
Term of patent 14 years
(Cl. D48—14)



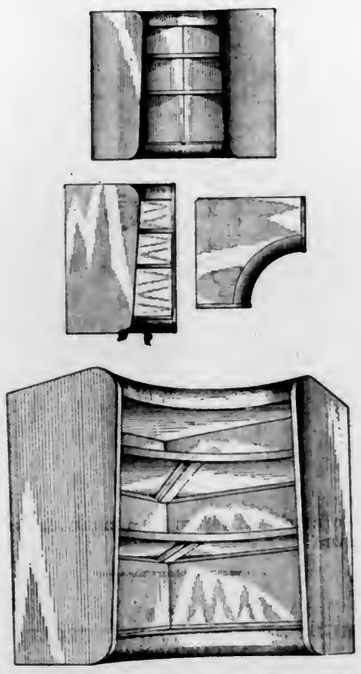
The ornamental design for a luminous pendant, as shown.

148,939
DESIGN FOR A FORK FOR BICYCLES AND VELOCIPEDES
Edward D. Martin, Milwaukee, Wis.
Application July 20, 1946, Serial No. 131,762
Term of patent 7 years
(Cl. D90—9)



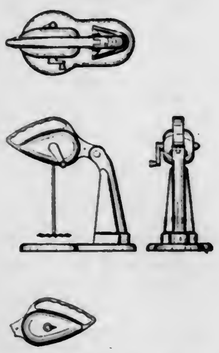
The ornamental design for a fork for bicycles and velocipedes, as shown.

148,940
DESIGN FOR A CORNER WALL CABINET
Charles S. Motter, Chicago, Ill.
Application September 26, 1946, Serial No. 133,576
Term of patent 14 years
(Cl. D33—19)



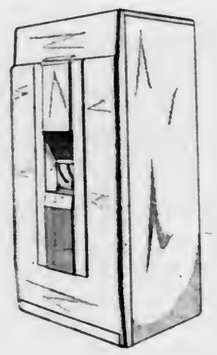
The ornamental design for a corner wall cabinet, as shown and described.

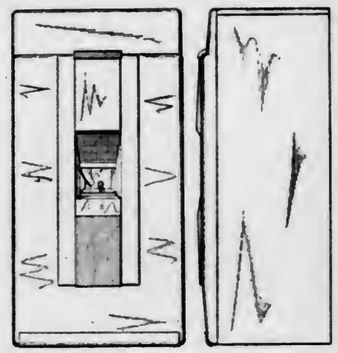
148,941
DESIGN FOR A TOY FOOD MIXER
Carl H. Muller, St. Louis, Mo.
Application November 8, 1946, Serial No. 134,631
Term of patent 7 years
(Cl. D34—15)



The ornamental design for a toy food mixer, substantially as shown.

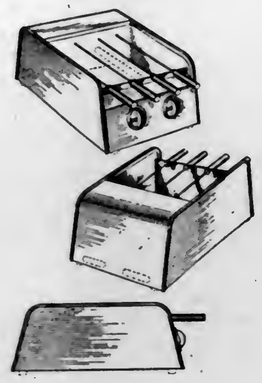
148,942
DESIGN FOR A BEVERAGE DISPENSER
Anthony Naiden, Southwick, Mass., assignor, by mesne assignments, to The Coca-Cola Company, Wilmington, Del., a corporation of Delaware
Application June 22, 1946, Serial No. 130,942
Term of patent 14 years
(Cl. D52—3)





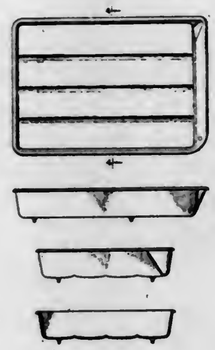
The ornamental design for a beverage dispenser, substantially as shown.

148,943
DESIGN FOR A BARBECUE COOKER
David Nassif, Woburn, Mass.
Application May 18, 1946, Serial No. 129,833
Term of patent 14 years
(Cl. D81—10)



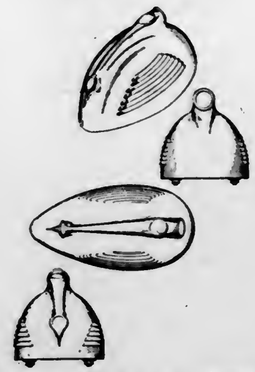
The ornamental design for a barbecue cooker, as shown and described.

148,944
DESIGN FOR A PHOTOGRAPHIC FILM AND PRINT TRAY OR SIMILAR ARTICLE
Thomas G. W. Nevell, Riverside, Conn., and Frank Samet, New York, N. Y., assignors to The F R Corporation, New York, N. Y., a corporation of New York
Application February 14, 1947, Serial No. 136,902
Term of patent 14 years
(Cl. D61—1)



The ornamental design for a photographic film and print tray or similar article, as shown.

148,945
DESIGN FOR A SUCTION CLEANER CASING
Joseph H. Nuffer, Toledo, Ohio, and Lynn H. Latta, Los Angeles, Calif., assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio, a corporation of Delaware
Application October 21, 1946, Serial No. 134,146
Term of patent 7 years
(Cl. D9—2)



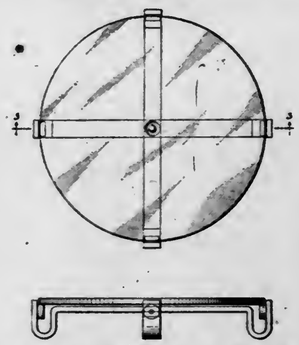
The ornamental design for a suction cleaner casing, as shown.

148,946
DESIGN FOR A PLAYING CARD
George J. O'Donnell, Waterbury, Conn.
Application August 27, 1946, Serial No. 132,905
Term of patent 14 years
(Cl. D34—13)



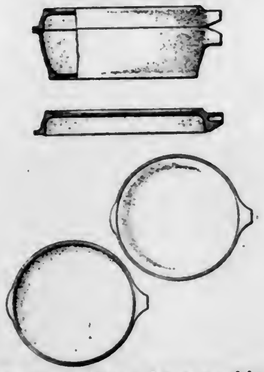
The ornamental design for a playing card, as shown and described.

148,947
DESIGN FOR A DISPLAY TRAY
Norman E. Olin, New York, N. Y.
Application June 12, 1946, Serial No. 130,660
Term of patent 7 years
(Cl. D80—9)



The ornamental design for a display tray, as shown.

148,948
DESIGN FOR A COMBINATION BAKING DISH, GRIDDLE, AND DUTCH OVEN
Clyde A. Ovenshire, Berkeley, Calif.
Application May 27, 1946, Serial No. 130,128
Term of patent 14 years
(Cl. D44—1)



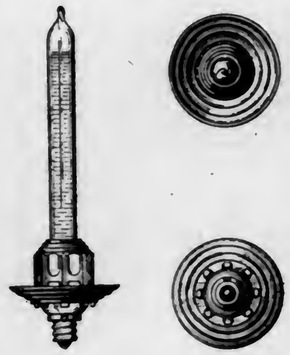
The ornamental design for a combination baking dish, griddle, and Dutch oven, as shown.

148,949
DESIGN FOR A SEWING MACHINE CABINET
Wilbur J. Peets, Elizabeth, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application March 23, 1946, Serial No. 127,827
Term of patent 14 years
(Cl. D33—12)



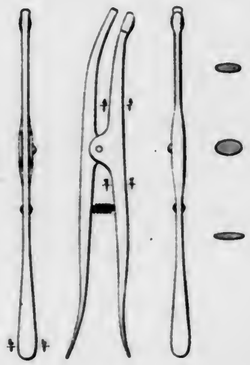
The ornamental design for a sewing machine cabinet, as shown and described.

148,950
DESIGN FOR AN ILLUMINABLE BUBBLING DEVICE OR THE LIKE
John Petry, New York, N. Y., assignor to Raylite Electric Corporation, Bronx, N. Y., a corporation of New York
Application December 7, 1946, Serial No. 135,338
Term of patent 14 years
(Cl. D26—8)



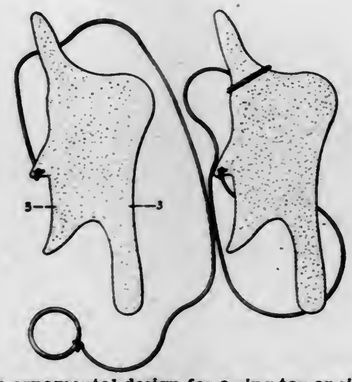
The ornamental design for an illuminable bubbling device or the like, as shown.

148,951
DESIGN FOR A SHOE TOE-CAP STRETCHER
Richard Pfifferling, New York, N. Y., assignor to Richard Rosen, Long Island City, N. Y.
Application April 30, 1947, Serial No. 138,716
Term of patent 3½ years
(Cl. D7—3)



The ornamental design for a shoe toe-cap stretcher, substantially as shown.

148,952
DESIGN FOR A RING TOY OR SIMILAR ARTICLE
Albert D. Phelps, Jr., Babson Park, Mass.
Application December 31, 1946, Serial No. 135,860
Term of patent 7 years
(Cl. D34—15)



The ornamental design for a ring toy or similar article, substantially as shown.

148,953
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application October 1, 1947, Serial No. 141,681
Term of patent 7 years
(Cl. D45—19)



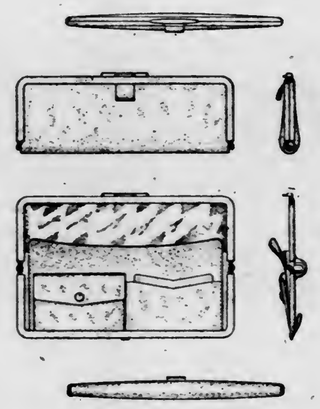
The ornamental design for a brooch or similar article, substantially as shown.

148,954
DESIGN FOR A BABY SHOE
Evelyn M. Potts, Grand Ledge, Mich.
Application February 12, 1947, Serial No. 136,853
Term of patent 14 years
(Cl. D7—7)



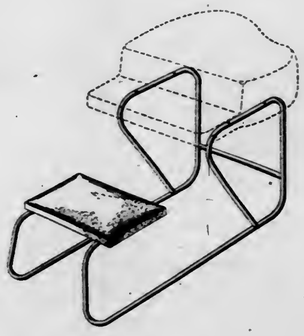
The ornamental design for a baby shoe, as shown.

148,955
DESIGN FOR A COMBINED BILLFOLD AND COIN PURSE
John P. Reis, West Bend, Wis., assignor to Amity Leather Products Co., West Bend, Wis., a corporation of Wisconsin
Application February 20, 1947, Serial No. 137,038
Term of patent 7 years
(Cl. D87—3)



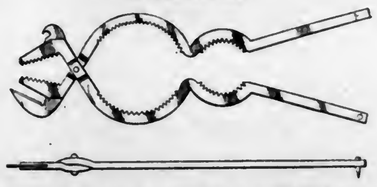
The ornamental design for a combined billfold and coin purse, substantially as shown and described.

148,956
DESIGN FOR A COMBINED ARTICLE SUPPORT AND SEAT
Harold B. Rhodes, Hollywood, Calif.
Application October 25, 1946, Serial No. 134,244
Term of patent 14 years
(Cl. D15—8)



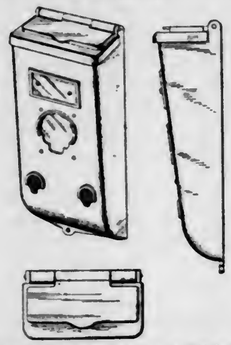
The ornamental design for a combined article support and seat, substantially as shown and described.

148,957
DESIGN FOR A COMBINATION TOOL
Lee Rice, Homeland, Fla.
Application September 6, 1946, Serial No. 133,105
Term of patent 14 years
(Cl. D44—29)



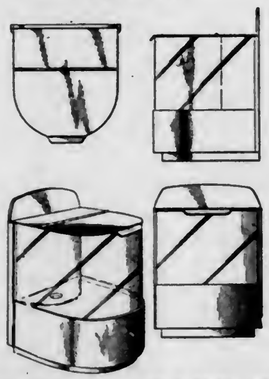
The ornamental design for a combination tool, as shown.

148,958
DESIGN FOR A MAIL BOX
Harris W. Robinette, Chicago, Ill.
Application September 21, 1946, Serial No. 133,490
Term of patent 3½ years
(Cl. D74—9)



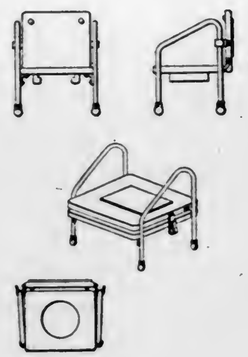
The ornamental design for a mail box, substantially as shown.

148,959
DESIGN FOR A SALAD DISPENSER
Matthew E. Ryan, Chicago, Ill.
Application August 29, 1946, Serial No. 132,946
Term of patent 14 years
(Cl. D52—2)



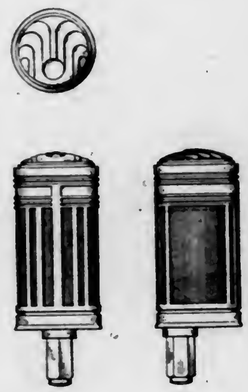
The ornamental design for a salad dispenser, as shown.

148,960
DESIGN FOR A CHILD'S TRAINING CHAIR OR SIMILAR ARTICLE
Albert B. Sawyer, Brooklyn, N. Y., assignor to Plastic Treasures, Inc., New York, N. Y.
Application June 29, 1946, Serial No. 131,165
Term of patent 3½ years
(Cl. D4—5)



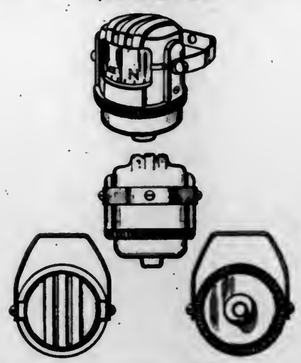
The ornamental design for a child's training chair or similar article, as shown.

148,961
DESIGN FOR A BIER PIN
Earl L. Schofield, Rockford, Ill., assignor to Superior Coach Corporation, Lima, Ohio, a corporation of Ohio
Application June 28, 1946, Serial No. 131,134
Term of patent 14 years
(Cl. D19—1)



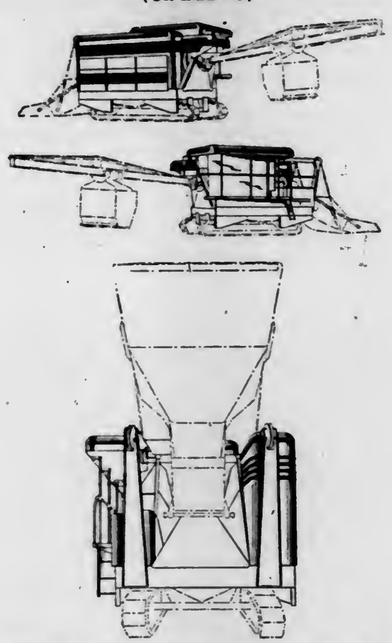
The ornamental design for a bier pin, substantially as shown.

148,962
DESIGN FOR AN AUTO COMPASS
Burl E. Sherrill, Peru, Ind., assignor to Sherrill Research Corporation, Peru, Ind., a corporation of Indiana
Application June 1, 1946, Serial No. 130,319
Term of patent 3½ years
(Cl. D52—1)



The ornamental design for an auto compass, as shown.

148,963
DESIGN FOR A ROAD PAVING MACHINE
Clifford Brooks Stevens, Fox Point, Wis., assignor to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin
Application September 13, 1946, Serial No. 133,282
Term of patent 14 years
(Cl. D14—3)



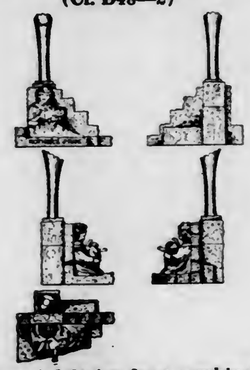
The ornamental design for a road paving machine, substantially as shown and described.

148,964
DESIGN FOR A SHOE
Isidor Tarlow, Brockton, Mass.
Application March 28, 1947, Serial No. 137,994
Term of patent 7 years
(Cl. D7—7)



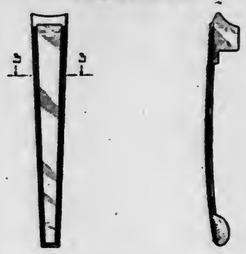
The ornamental design for a shoe, substantially as shown and described.

148,965
DESIGN FOR A COMBINED CANDELABRUM AND FLOWER VASE
Agnes E. Thienhaus, Milwaukee, Wis.
Application November 23, 1946, Serial No. 135,032
Term of patent 7 years
(Cl. D48—2)



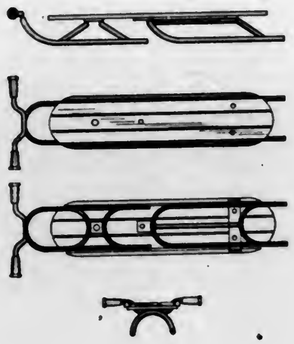
The ornamental design for a combined candelabrum and flower vase, as shown.

148,966
DESIGN FOR A FOUNTAIN PEN CLIP
Joseph Wallace, Cedarhurst, N. Y.
Application January 8, 1947, Serial No. 136,006
Term of patent 14 years
(Cl. D74—2)



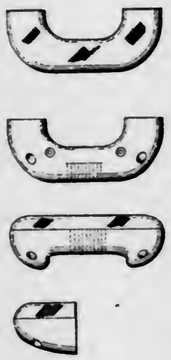
An ornamental design for a fountain pen clip, as shown.

148,967
DESIGN FOR A BOBSLED
Ralph Warrender, Sharon, Pa.
Application June 3, 1946, Serial No. 130,350
Term of patent 14 years
(Cl. D34—15)



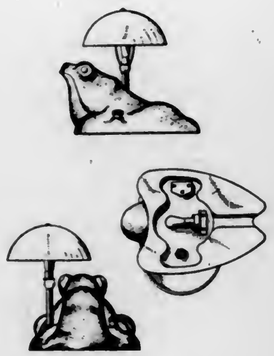
The ornamental design for a bobsled, as shown.

148,968
DESIGN FOR A COMBINED ARM REST AND DOOR PULL
Elmer G. Wettlaufer, Bloomfield Hills, Mich.
Application June 13, 1946, Serial No. 130,679
Term of patent 14 years
(Cl. D10—8)



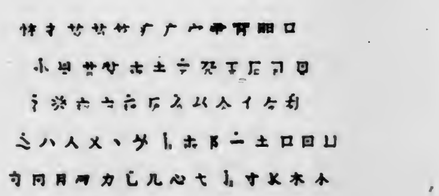
The ornamental design for a combined arm rest and door pull, substantially as shown and described.

148,969
DESIGN FOR A LAMP
Thomas Woodrow Wilson, Millville, N. J.
Application May 31, 1946, Serial No. 130,260
Term of patent 14 years
(Cl. D48—20)



The ornamental design for a lamp, as shown.

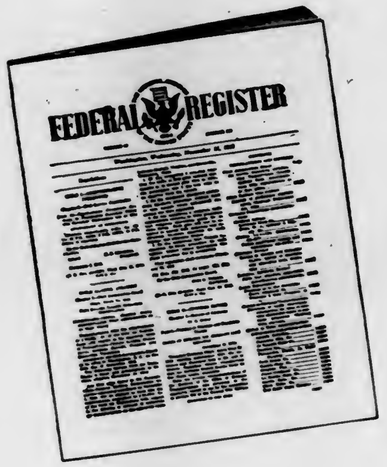
148,970
DESIGN FOR A FONT OF KEYBOARD SYMBOLS
Lin Yutang, New York, N. Y.
Application May 18, 1946, Serial No. 129,826
Term of patent 14 years
(Cl. D64—12)



The ornamental design for a font of keyboard symbols, as shown.

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Official Gazette

UNITED STATES PATENT OFFICE

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U. S. Patent Office

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PUBLISHED WEEKLY BY AUTHORITY OF CONGRESS

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March 16, 1948

Trade-Marks	95	No. 437,318	to No. 437,412,	inclusive
T. M. (Act of 1946)	2	No. 500,009	to No. 500,010,	inclusive
T. M. Renewals	72			
Reissues	5	No. 22,984	to No. 22,988,	inclusive
Plant Patents	4	No. 789	to No. 792,	inclusive
Patents	436	No. 2,437,668	to No. 2,438,103,	inclusive
Designs	63	No. 148,971	to No. 149,033,	inclusive
Total	677			

Patents expiring: Patent Numbers 1,796,275 to 1,797,217, inclusive, issued March 17, 1931, expire March 17, 1948

Condition of Applications Under Examination at Close of Business Feb. 27, 1948

(Total number of applications awaiting action, excluding Trade-Mark Division, 152,812; Trade-Mark Division, 22,624. Oldest new case, Mar. 25, 1946; oldest amended, Feb. 4, 1946.)

DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action: New	Amended	Applications awaiting action
1. GOLDBERG, A. J., Food Apparatus; Closure Operators; Fences; Gates; Planters; Plows; Harrows and Diggers; Plant Husbandry; Scattering Unloaders; Baths, Closets, Sinks, and Spittoons, Sewerage.	June 6	June 24	3,618
2. HERRMANN, D., Fishing, Trapping and Vermin Destroying; Bee Culture; Dairy; Animal Husbandry; Presses; Tobacco; Textile Wringers; Butchering.	Apr. 19	Mar. 14	4,055
3. MARMELSTEIN, N., Metal Founding and Treatment; Metallurgy (Process and Apparatus)	†May 21	Nov. 27	1,536
4. BISHOP, WALTER C., Conveyors; Hoists; Handling Apparatus; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Package and Article Carriers; Pneumatic Dispatch; Store Service; Mining, Quarrying, and Ice Harvesting.	July 10	June 16	4,076
5. ROBINSON, C. W., Harvesters; Acoustics; Sound Recording; Knotters	Mar. 25	Mar. 23	1,889
6. SURLE, H., Carbon Chemistry (part)	†Apr. 26	†Feb. 12	1,848
7. HANLIN, GEORGE, Optics; Photographic Apparatus	†May 8	†Jan. 27	1,806
8. IMUS, A. E., Furniture; Racks and Cabinets	May 16	May 13	4,048
9. BENSON, R. B., Pumps and Fans; Fluid and Fluid-Current Motors	July 18	Apr. 11	2,375
10. ANDRUS, L. M., Radiant Energy (part, e. g., Portable Radio Sets, Radio Accessories, Detectors, Oscillation Generators, Wave Meters, Tuners); Music; Modulators; Piezo-electric Crystals.	†Apr. 7	Sept. 26	1,351
11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus.	†June 3	†June 2	833
12. SPINTMAN, S., Machine Elements (part); Engine Starters; Motor Control with Clutch or Brake; Transmission with Clutch or Brake.	†May 6	June 17	2,018
13. BEALL, T. E., Gear Cutting, Milling, Planing, Metal Working (part); Needle and Pin Making; Turning	May 21	Apr. 16	2,475
14. FREEHOF, H. B., Metal Working (Bending; Sheet-Metal; Wire; Misc. Processes); Wire Fabrics; Farriery	†Mar. 31	†Jan. 21	1,183
15. HENKIN, B., Plastics; Plastic Block and Earthenware Apparatus; Glass	Sept. 9	Apr. 4	1,965
16. LOVEWELL, N. N., Telegraphy, Telephony	†June 2	Oct. 11	1,865
17. HABECKER, LEON B., Paper Manufactures; Typewriters; Printing; Type Casting and Setting; Sheet Material Associating or Folding; Sheet or Web Feeding.	Sept. 21	May 9	1,844
18. KURZ, J. A., Motors, Expansible-Chamber Type; Power Plants; Speed Responsive Devices; Rotary Internal-Combustion Engines.	Aug. 26	Apr. 12	1,734
19. PATRICK, P. L., Liquid and Gaseous Fuel Burners; Stoves and Furnaces	Aug. 16	Aug. 9	1,896
20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Undertaking; Bread, Pastry, and Confection Making; Bank Protection; Safes; Tents, Canopies, Umbrellas and Canes.	June 24	July 26	2,082
21. MADER, R. C., Textiles	†Apr. 16	†Jan. 2	1,189
22. CARPENTER, B. H., Aeronautics; Firearms; Ordnance	Aug. 26	June 20	1,860
23. LEWIS, J. B., Cash Registers; Calculators and Counters; Education	June 25	May 20	1,316
24. LUSBY, CHARLES, Apparel; Apparel Apparatus; Sewing Machines	†May 2	†May 6	1,860
25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Distillation.	†Jan. 31	June 14	1,728
26. YOUNG, R. R., Electricity—Generation and Motive Power	†Feb. 3	June 10	1,808
27. JAMES, S., Brushing, Scrubbing; Fluid Treatment of Textiles (Apparatus); Liquid Treatment of Solids; General Cleaning; Ironing; Brush; Broom and Mop Making.	Sept. 13	Aug. 27	3,034
28. SOLYOM, H. L., Heating; Metallurgical Apparatus; Internal-Combustion Engines (part); Cylinders; Pistons	†Feb. 10	Oct. 21	1,205
29. SHKLARIN, J. B., Baggage; Cloth, Leather, and Rubber Receptacles; Button Making; Woodworking; Tools.	Oct. 10	June 5	2,943
30. BISHOFF, A., Automatic Temperature and Humidity Regulation; Illumination; Thermostats and Humidostats; Heating Systems; Ammunition and Explosive Devices.	†Feb. 18	Aug. 5	2,407
31. DUNCOMBE, C. S., Mineral Oils; Carbocyclic or Acyclic Carbon Compounds (part)—e. g., Ketones, Aldehydes, Ethers, Hydroxy Compounds, Hydrocarbons, Halogenated Hydrocarbons.	†May 16	†May 2	2,143
32. LESH, KARL R., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation; Agitating; Wells; Earth Boring.	Apr. 6	Apr. 29	2,883
33. KAUFFMAN, H. E., Bridges; Hydraulic and Earth Engineering; Building Structures; Roads and Pavements.	May 25	Apr. 22	3,459
34. SAPERSTEIN, S., Electricity—Transmission to Vehicles; Railways; Track Sanders; Signals and Indicators.	July 19	Apr. 3	1,343
35. BROMLEY, E. D., Card and Sign Exhibiting; Dispensing; Filling and Closing Portable Receptacles; Ammunition and Explosive Charge Making.	Aug. 10	June 24	2,841
36. McFADYEN, A. D., Automatic Weighers; Measuring and Testing; Force Measuring	Apr. 26	Apr. 12	2,024
37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	†Apr. 9	Sept. 11	1,506
38. ARNOLD, D., Coating Processes and Apparatus; Coating or Plastic Compositions (part); Rubber	Oct. 10	Sept. 12	1,695
39. WHITNEY, F. I., Fluid-Pressure Regulators; Valves; Water Distribution	Apr. 13	Apr. 1	2,855
40. DRUMMOND, E. J., Receptacles (part); Packages	†Feb. 3	Aug. 12	3,020
41. HERTZ, M., Recorders; Check-controlled Apparatus; Coin Handling; Article Dispensing Cabinets; Deposit Receptacles; Buckles, Buttons, Clasps.	Apr. 9	Mar. 8	2,717
42. MARANS, H., Electric Signaling; Variable Transformer and Reactor Structure; Electricity, Voltage Magnitude and Phase Control Systems.	†May 26	†June 10	869
43. STONE, I. G., Medicines, Poisons and Cosmetics; Explosive Compositions; Sugar and Starch; Bleaching and Dyeing; Fluid Treatment of Textiles; Hides, Skins and Leathers.	†May 13	†Apr. 24	1,459
44. HARVEY, L. P., Refrigeration; Preserving	Apr. 2	Apr. 20	1,298
45. MANTER, W. B., Shafting and Flexible Shaft Couplings; Wheels, Tires, Axles and Wheel Substitutes; Lubrication; Bearings and Guides; Belt and Sprocket Gearing; Spring Devices; Land Vehicles (part); Spring, Weight and Horsepower Motors.	May 9	Apr. 30	2,818
46. MUSHAKE, W. L., Concentraing Evaporators; Fluid Sprinkling, Spraying and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers; Kitchen and Table Articles.	Aug. 2	June 4	1,882

NOTE.—The dates given are 1946 except where † indicates 1947.

(Total number of applications awaiting action, excluding Trade-Mark Division, 152,812; Trade-Mark Division, 32,624. Oldest new case, Mar. 25, 1946; oldest amended, Feb. 4, 1946.)

DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action: New	Amended	Applications awaiting action
47. KANOF, WM. J., Motor Vehicles; Land Vehicles (part); Fluid Pressure Brakes	†Mar. 17	Nov. 8	1,944
48. BERNSTEIN, S., Electricity, General Applications; Electric Igniters	Aug. 28	July 31	1,549
49. SHEFFIELD, E. L., Drying and Gas or Vapor Contact with Solids; Ventilation; Liquid Separation or Purification.	†Jan. 24	July 15	1,654
50. LEVIN, SAMUEL, Synthetic Resins	†May 24	Oct. 24	2,350
51. FRIEDMAN, M. H., Radiant Energy (part, e. g., Radio Transmission and Reception, Transmitters, Receivers, Antennae); Radiant Energy Communications.	†Apr. 10	Sept. 16	1,835
52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Pipes and Tubular Conduits.	†Mar. 5	July 25	3,850
53. BRINDISI, M. V., Label Pasting and Paper Hanging; Book Making; Manifolding; Printed Matter; Stationery; Paper Files and Binders; Cutlery; Closures, Partitions and Panels, Flexible and Portable.	Aug. 1	Mar. 6	3,640
54. STRACHAN, O. W., Electric Lamp and Discharge Devices, Systems, Structure, Manufacture and Repair; Light Sensitive Circuits; Ray Energy Applications.	†Apr. 16	Nov. 6	1,869
55. BOWEN, S. T., Artificial Body Members; Dentistry; Surgery; Toilet	†Feb. 17	Apr. 5	1,818
56. COCKERILL, S., Electrical and Wave Energy Chemistry; Paper Making; Acetylene; Gas Mixing	†Apr. 19	†Mar. 12	1,148
57. NICOLSON, G. D., Toys; Amusement and Exercising Devices; Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks.	June 28	May 1	3,568
58. DOWELL, E. F., Abrading; Bottles and Jars; Stone Working; Making Metal Tools and Implements	†Mar 28	Sept. 14	1,342
59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Heterocyclic Compounds (part)	July 12	May 31	2,097
60. GLASS, R. L., Electricity—Heating; Welding; Furnaces; Battery Charging and Discharging; Consumable Electrode Lamp and Discharge Devices; Resistances and Rheostats; Prime Mover Dynamo Plants.	†May 1	Oct. 31	1,489
61. LANNAN, J., Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery; Boats, Buoys, Ships and Marine Propulsion.	Aug. 19	May 11	3,217
62. PUGH, E. C., Games; Tables; Mechanical Guns and Projectors	Oct. 18	May 31	1,577
63. WINKELSTEIN, A. H., Fermentation; Foods and Beverages; Heterocyclic Compounds (part); Oils and Fats.	†Apr. 9	†Feb. 5	1,499
64. NASH, P. M., Compositions—Coating or Plastic (part); Fuel and Miscellaneous	†July 9	†July 3	1,821
65. McDERMOTT, F. P., Batteries; Electrical Conductors, Conduits, Insulators and Connectors	†June 10	Dec. 19	1,093
66. LISANN, I., Geometrical Instruments	May 14	Feb. 4	2,248
67. KRAFFT, C. F., Laminated Fabrics; Photographic Processes and Products; Ornamentation	Aug. 27	June 24	2,031
68. BERMAN, H., Brakes, Boring and Drilling; Clutches and Power Stop Control	†Mar. 20	Oct. 22	1,607
69. GALVIN, D. J., Electricity—Wave Transmission, Repeaters and Relays (e. g., Amplifiers), Galvanometers and Meters.	Oct. 17	June 11	906
TRADE-MARKS: MERCHANT, J. H.	†July 5	†Aug. 19	32,624
DESIGNS: BREHM, G. L.	July 10	†Sept. 13	8,210

NOTE.—The dates given are 1946 except where † indicates 1947.

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

A & A Sales Co., Glendale, Calif. Hose nozzles. Serial No. 511,659, Mar. 16. Class 13.

Abbott Laboratories, North Chicago, Ill. Antiseptic preparation. Serial No. 534,858, Mar. 16. Class 6.

Affiliated Retailers, Inc., New York, N. Y. Automobile tires and tubes. Serial No. 517,445, Mar. 16. Class 35.

Aidmore Products Co., West Orange, N. J. Spot removers. Serial No. 534,714, Mar. 16. Class 4.

Airtron, Inc., Pleasant Plains, Staten Island, N. Y. Flexible waveguide. Serial No. 524,278, Mar. 16. Class 21.

Ajax Box Company, The, Chicago, Ill. Corrugated paper. Serial No. 528,601, Mar. 16. Class 37.

Aktiebolaget Malcus Holmquist, Halmstad, Sweden. Traveling cranes and slewing cranes. Serial No. 470,594, Mar. 16. Class 23.

Alumni Association of the U. S. Merchant Marine Cadet Corps, Inc., New York, N. Y. Magazine published periodically. Serial No. 506,570, Mar. 16. Class 38.

Alvin Corporation, The, Providence, R. I. Sterling silver and silverplated flatware, hollowware and cutlery. Serial No. 503,035, Mar. 16. Class 28.

American Brake Shoe Company, New York, N. Y. Metal castings. Serial No. 511,587, Mar. 16. Class 14.

American Cyanamid Company, New York, N. Y. Parathion. Serial No. 535,366, Mar. 16. Class 6.

American Pipe and Tank Lining Co.: *See*—
Jolkower, Harry.

Andreana Classics, New York, N. Y. Misses' blouses and skirts. Serial No. 525,760, Mar. 16. Class 39.

Anglo Fabrics Company, Inc., New York, N. Y. Woolen and worsted piece goods. Serial No. 502,101, Mar. 16. Class 42.

Ansul Chemical Company, Marinette, Wis. Comminuted, free-flowing fire extinguishing dry chemical. Serial No. 507,706, Mar. 16. Class 6.

Armour and Company, Chicago, Ill. Soap. Serial No. 528,670, Mar. 16. Class 4.

Ashoskie Pickle Company: *See*—
Margulies, Irving.

Ashworth (Specialties) Limited, Birmingham, England. Stuffing and forcemeat. Serial No. 503,342, Mar. 16. Class 46.

Associated Products, Inc., Chicago, Ill. Face lotions, skin bleaches, vanishing, etc., cream, etc. Serial No. 505,547, Mar. 16. Class 6.

Atlas Powder Company, Wilmington, Del. Stabilizers for amylaceous materials, etc. Serial No. 516,885, Mar. 16. Class 6.

Automatic Electric Heater Company, assignee: *See*—
Automatic Electric Heater Co., Inc.

Automatic Electric Heater Co., Inc., assignor to Automatic Electric Heater Company, Pottstown, Pa. Pressure sensitive electrical control switches and temperature sensitive electrical control switches. Serial No. 521,236, Mar. 16. Class 26.

Barber-Colman Company, Rockford, Ill. Heating, ventilating and air conditioning apparatus. Serial No. 529,864, Mar. 16. Class 34.

Barringham Rubber & Plastics Limited, Oakville, Ontario, Canada. Supported and unsupported flexible vinyl-type plastic sheeting in the piece. Serial No. 522,690, Mar. 16. Class 42.

Beau Brummell Ties, Inc., Toiletries Division: *See*—
Shearer-Neumann Co.

Bess Nut Co., Inc., Passaic, N. J. Salted and unsalted nut meats. Serial No. 523,235, Mar. 16. Class 46.

Best & Co. Inc., New York, N. Y. Iron, porcelain or enameled bath tubs. Serial No. 515,999, Mar. 16. Class 13.

Best & Co., Inc., New York, N. Y. Soap. Serial No. 516,001, Mar. 16. Class 4.

Bilfred Enterprises, Los Angeles, Calif. Paper napkins, paper covers, and paper straws. Serial No. 495,363, Mar. 16. Class 50.

Bloch, Robert and Simone V. M., New York, N. Y. Glassware. Serial No. 501,816, Mar. 16. Class 33.

Bloch, Simone V. M.: *See*—
Bloch, Robert and S. V. M.

Boker, H., & Co. Inc., New York, N. Y. Sewing needles. Serial No. 534,237, Mar. 16. Class 40.

Borden, Richard, Mills Corp., Fall River, Mass. Cotton piece goods. Serial No. 525,780, Mar. 16. Class 42.

Bricadoon Hosiery Mills, New York, N. Y. Men's hosiery. Serial No. 524,293, Mar. 16. Class 39.

Brook Electronics, Inc., Newark, N. J. Radio receivers and amplifiers. Serial No. 507,670, Mar. 16. Class 21.

Brush Development Company, The, Cleveland, Ohio. Microphones. Serial No. 516,253, Mar. 16. Class 21.

Buegeleisen, Joseph, Co., Detroit, Mich. Saddle bags. Serial No. 534,507, Mar. 16. Class 3.

Butler Company, The, Butler, Ind. Motor driven units. Serial Nos. 501,113–14, Mar. 16. Class 21.

C. I. D. E. C. Compañía Industrial Del Cuero S. A., Buenos Aires, Argentina. Tanned goat, sheep and cow hides of the antelope finish type. Serial No. 512,237, Mar. 16. Class 1.

Carson Chemicals: *See*—
Carson, Marion B.

Carson, Marion B., doing business as Carson Chemicals, Brownsville, Tex. Tick, flea, and lice powder. Serial No. 519,118, Mar. 16. Class 6.

Chicago Combustion Company: *See*—
McGlaughlin, Louis E.

Chicopee Sales Corporation, New York, N. Y. Crib sheets. Serial No. 515,538, Mar. 16. Class 42.

Clarvan Corporation, Milwaukee, Wis. Flexible protecting cover. Serial No. 507,514, Mar. 16. Class 50.

Communications Company, Inc., Coral Gables, Fla. Radio apparatus. Serial No. 503,869, Mar. 16. Class 21.

Conklin Pen Company, Inc., The, Chicago, Ill. Fountain pens and fountain pen parts. Serial No. 526,584, Mar. 16. Class 37.

Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis. Coated and uncoated paper. Serial No. 527,151, Mar. 16. Class 37.

Corona S. A., Tramelan-Dessus, Switzerland. Watches and parts thereof. Serial No. 503,708, Mar. 16. Class 27.

Crescent Steel Company, Detroit, Mich. Automatic hose coupling. Serial No. 506,159, Mar. 16. Class 13.

Crown Zellerbach Corporation, doing business as Western Waxed Paper Co., San Francisco and Oakland, Calif. Waxed paper. Serial Nos. 485,386–7, Mar. 16. Class 37.

Cutler Orchards, Inc., Scottsdale, Ariz. Fresh citrus fruits. Serial No. 514,592, Mar. 16. Class 46.

Danbury Rubber Co., Inc., Danbury, Conn. Slabs and sheets of rubber or rubber-like material. Serial No. 505,340, Mar. 16. Class 50.

Delavan Manufacturing Company, Des Moines, Iowa. Vacuum power pumps. Serial No. 506,016, Mar. 16. Class 23.

Desjardins, P., & Son: *See*—
Desjardins, Philip J.

Desjardins, Philip J., doing business as P. Desjardins & Son, Fall River, Mass. Smoking pipes. Serial No. 520,555, Mar. 16. Class 8.

Detroit Lubricator Company, Detroit, Mich. Float operated valves. Serial No. 505,562, Mar. 16. Class 13.

De Vore Manufacturing Co. Inc., assignee: *See*—
Purepac Corporation.

Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Capping stock, padding or undertread stock, stripping stock, etc. Serial No. 515,091, Mar. 16. Class 35.

Duraloy Company, The, Scottdale, Pa. Metal alloys. Serial No. 493,951, Mar. 16. Class 14.

Dynamatic Corporation, Kenosha, Wis. Dynamometers. Serial No. 527,433, Mar. 16. Class 26.

Eagle Products Co., Inc., Chattanooga, Tenn. Insecticides and insect sprays. Serial No. 502,810, Mar. 16. Class 6.

Eakin, Perry V., doing business as National Textile & Chemical Laboratory, Wilmette, Ill. Laundry starch. Serial No. 523,250, Mar. 16. Class 6.

Easterling Company, The, Chicago, Ill. Sterling silver flatware and hollow ware. Serial No. 530,923, Mar. 16. Class 28.

Elk Manufacturing Company, Jellico, Tenn. Glycerin, lump alum, powdered alum, etc. Serial No. 504,101, Mar. 16. Class 6.

Enoch, Hans E. N., London, England. Anti-bacterial preparations. Serial No. 472,047, Mar. 16. Class 6.

Farm Journal, Inc., Philadelphia, Pa. Magazine column. Serial No. 531,782, Mar. 16. Class 38.

Farm Journal, Inc., Philadelphia, Pa. Magazine column. Serial No. 531,784, Mar. 16. Class 38.

Farmer's Co-Operative Association of New Jersey, Inc., Trenton, N. J. Chick starter mash, growing mash, laying mash, etc. Serial No. 519,576, Mar. 16. Class 46.

Fellows Medical Manufacturing Company, Inc., New York, N. Y. Preparation for the symptomatic treatment of asthma. Serial No. 522,667, Mar. 16. Class 6.

Finch, William G. H., New York, N. Y. Radio antennae. Serial No. 495,645, Mar. 16. Class 21.

Firestone Bank, The, executor: *See*—
Steiner, Nick S.

Fleming-Hall Tobacco Co., Inc., New York, N. Y. Cigarettes. Serial No. 514,262, Mar. 16. Class 17.

Florence Stove Company, Gardner, Mass. Broiler and a broiler oven. Serial No. 529,258, Mar. 16. Class 34.

Florence Undergarment Co., Inc., Brooklyn, N. Y. Women's and misses' panties. Serial No. 530,303, Mar. 16. Class 39.

Florida Fashions, Inc., Sanford, Fla. Ladies' dresses, play suits, and bathing suits. Serial No. 526,216, Mar. 16. Class 39.

Flying Chicken, The, Albuquerque, N. Mex. Packaged cooked chicken. Serial No. 506,165, Mar. 16. Class 46.

Foglesong, Howard D., Huntington, W. Va. Glass articles. Serial No. 514,699, Mar. 16. Class 33.

Formold Plastics, assignor to Formold Plastics, Inc., Chicago, Ill. Plastic caps. Serial No. 515,948, Mar. 16. Class 50.

Formold Plastics, Inc., assignee: *See*—
Formold Plastics.
French Look, Inc., The, Paterson, N. J. Brassière wires, and wire supports. Serial No. 524,697, Mar. 16. Class 40.
Fuller-Greene, Inc., Milwaukee, Wis. Radio receiving sets. Serial No. 504,758, Mar. 16. Class 21.
Fulton Bag & Cotton Mills, Atlanta, Ga. Insulated bags. Serial No. 489,323, Mar. 16. Class 2.
Gadgets: *See*—
Siegel, Samuel M.
Gaylord Products, Inc., Chicago, Ill. Hairpins and non-electrical hair curlers and hair wavers. Serial No. 528,714, Mar. 16. Class 40.
Geig, Anna R., assignee, et al.: *See*—
Steiner, Nick S.
Geig, Elmer A., assignee, et al.: *See*—
Steiner, Nick S.
Geigy Company, Inc., New York, N. Y. Insecticides. Serial Nos. 505,156–7, Mar. 16. Class 6.
General Consumer Products, Inc., Chicago, Ill. Aluminum cooking utensils. Serial No. 515,550, Mar. 16. Class 13.
General Cutlery Co., Inc., New York, N. Y. Household, kitchen, and industrial cutlery and tableware. Serial No. 471,396, Mar. 16. Class 23.
General Detroit Corp., The, Detroit, Mich. Fire extinguishers and parts thereof. Serial No. 514,952, Mar. 16. Class 23.
Glasiers' Tool Mfg. Corp., Chicago, Ill. Electrically heated tool. Serial No. 524,126, Mar. 16. Class 21.
Gluckin, Wm., & Co., Inc., New York, N. Y. Bust pads. Serial No. 531,108, Mar. 16. Class 40.
Gold Seal Importers, Inc., New York, N. Y. Ladies' handbags. Serial No. 533,730, Mar. 16. Class 3.
Goodall-Sanford, Inc., Sanford, Maine. Woolen friezes of cotton and wool. Serial No. 524,790, Mar. 16. Class 42.
Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Wrist watch straps of flexible plastic material. Serial No. 504,614, Mar. 16. Class 40.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Storage batteries and spark plugs. Serial No. 528,447, Mar. 16. Class 21.
Great American Tea Company, The, New York, N. Y. Sheets and pillow cases. Serial No. 535,317, Mar. 16. Class 42.
Great Atlantic & Pacific Tea Company, The, New York, N. Y. Frozen fish fillets. Serial No. 527,378, Mar. 16. Class 46.
Green Contracting and Engineering Company, Inc., Wichita, Kans. Coating applicators comprising spray-ers and spray guns. Serial No. 521,254, Mar. 16. Class 23.
Grizzly Manufacturing Company, Paulding, Ohio. Brake lining. Serial No. 526,222, Mar. 16. Class 35.
Gross Communications, Inc., assignor, by mesne assignments, to I. A. Gross Electronics Inc., Cleveland, Ohio. Radio transmitting and receiving equipment. Serial No. 516,357, Mar. 16. Class 21.
Gross, I. A., Electronics Inc., assignee: *See*—
Gross Communications, Inc.
Grossinger, Irving, Brooklyn, N. Y. Blank and partially printed labels and tags. Serial No. 503,290, Mar. 16. Class 37.
Hanau Engineering Company, Inc., Buffalo, N. Y. Sprays. Serial No. 522,828, Mar. 16. Class 44.
Handman, Maurice, doing business as Maurella Products Co., New York, N. Y. Pads saturated with cologne or perfume. Serial No. 536,894, Mar. 16. Class 6.
Harte, Ralph S., assignor, by mesne assignments, to Sun Chemical Corporation, New York, N. Y. Thin transparent or translucent sheets or films of synthetic resin composition and sold as piece goods. Serial No. 501,984, Mar. 16. Class 42.
Hayner, Norman C., Co., Rochester, N. Y. Insecticides. Serial No. 526,806, Mar. 16. Class 6.
Hebbard, Barbara, New York, N. Y. Perfume. Serial No. 535,117, Mar. 16. Class 6.
Helton, Powell, Banning, Calif. Pictures in relief formed from pieces of wood. Serial No. 500,217, Mar. 16. Class 38.
Howard, W. S., Company, Madison, Wis. Pure liquid vanilla extracts, gelatin dessert powders, pudding powders, etc. Serial No. 505,652, Mar. 16. Class 46.
Hy-V Company, Inc., New York, N. Y. Canned fruit juices. Serial No. 518,889, Mar. 16. Class 46.
Imperial Textile Co. of New York, Inc., New York, N. Y. Drapery fabrics and slip cover fabrics. Serial No. 515,180, Mar. 16. Class 42.
Indianapolis Glove Company, Indianapolis, Ind. Work gloves and work mittens. Serial No. 536,612, Mar. 16. Class 39.
Induction Heating Corp., New York, N. Y. High frequency induction heating apparatus and parts thereof, etc. Serial No. 524,991, Mar. 16. Class 21.
Industrial Hydraulics Corporation, Painesville, Ohio. Hydraulic pumps, valves, and hydraulics operated mechanism and fittings, etc. Serial No. 502,298, Mar. 16. Class 23.
Industrial Reproductions, New York, N. Y. Decalcomanias. Serial No. 526,235, Mar. 16. Class 38.
Institute of Nutrition Research, Inc., The, New York, N. Y. Radio scripts published daily except Sundays. Serial No. 495,142, Mar. 16. Class 38.
Interchemical Corporation, New York, N. Y. Window curtains and table coverings. Serial Nos. 535,848–9, Mar. 16. Class 42.
International Business Machines Corporation, New York, N. Y. Typewriter ribbons and carbon paper. Serial No. 493,776, Mar. 16. Class 11.
J-B-T Instruments, Inc., New Haven, Conn. A. C. voltmeters, A. C. milliammeters, A. C. ammeters, etc. Serial No. 514,422, Mar. 16. Class 26.
Jadow, B., Inc., New York, N. Y. Jewelers' and watchmaker's tweezers, pliers, screwdrivers, etc. Serial No. 516,288, Mar. 16. Class 23.
Jaybern Fabrics Inc., New York, N. Y. Piece goods. Serial No. 535,041, Mar. 16. Class 42.
Johnson, J. E., & Co., Chicago, Ill., assignor to J. E. Johnson & Co., Cleveland, Ohio. Cleaning and polishing compound. Serial No. 473,782, Mar. 16. Class 4.
Jolkower, Harry, doing business as American Pipe and Tank Lining Co., New York, N. Y. Cement lined iron and steel pipes. Serial No. 504,109, Mar. 16. Class 13.
Jones, J., & Brother, Philadelphia, Pa. Motor lubricating oil and greases. Serial No. 504,494, Mar. 16. Class 15.
Kimberly-Clark Corporation, Neenah, Wis. Book paper. Serial No. 518,893, Mar. 16. Class 37.
King Kelly Marmalade Co.: *See*—
Magnusson, Crosby W.
Lake Cove Growers, Inc., Finley, Calif. Fresh deciduous fruits. Serial No. 512,425, Mar. 16. Class 46.
La Salle Steel Company, Hammond, Ind. Cold finished alloy steel bars. Serial No. 511,882, Mar. 16. Class 14.
Latisteel, Inc., Pasadena, Calif. Prefabricated construction element. Serial No. 509,223, Mar. 16. Class 12.
Lea Bridge Industries Limited, Essex, England. Upholstered settees, sofas, couches, etc. Serial No. 512,913, Mar. 16. Class 32.
Lehn & Fink Products Corporation, Bloomfield, N. J. Cleansing cream and toilet water. Serial No. 521,341, Mar. 16. Class 6.
Lerinsohn Textile Co., New York, N. Y. Ticking and pillow ticks. Serial Nos. 526,605–6, Mar. 16. Class 42.
Lindfelt Glove Manufacturing Co., Des Moines, Iowa. Mittens. Serial No. 482,584, Mar. 16. Class 39.
Lipson, Charles, Co., Philadelphia, Pa. Bubble gum. Serial No. 529,062, Mar. 16. Class 46.
Lloyd Products Company, The, Providence, R. I. Holders, starters, and fixtures for fluorescent lamps. Serial No. 516,488, Mar. 16. Class 21.
M B Manufacturing Company Incoroprated, New Haven, Conn. Electrical vibration exciters, calibrators and pickups. Serial No. 505,901, Mar. 16. Class 26.
"M. C. D. C." Oil Products Company, Inc., The, New York, N. Y. Lubricating oils, and automotive lubricating greases. Serial No. 524,543, Mar. 16. Class 15.
Mader, David, Neuchatel, Switzerland. Radio receiving sets, electric phonographs, electric automatic disc record changers, etc. Serial No. 507,646, Mar. 16. Class 21.
Magnecon, Chicago, Ill. Electrical apparatus. Serial No. 513,064, Mar. 16. Class 21.
Magno Tronic Corporation, Newark, N. J. Lighting apparatus. Serial No. 472,816, Mar. 16. Class 34.
Magnusson Company, The: *See*—
Magnusson, Crosby W.
Magnusson, Crosby W., doing business as King Kelly Marmalade Co., and The Magnusson Company, Bellflower, Calif. Pressed tablets. Serial No. 518,238, Mar. 16. Class 6.
Mal Laboratories, New York, N. Y. Scalp treatment. Serial No. 498,851, Mar. 16. Class 6.
Margulies, Irving, doing business as Ashoskie Pickle Company, Ashoskie, N. C. Pickles. Serial No. 514,483, Mar. 16. Class 46.
Maurella Products Co.: *See*—
Handman, Maurice.
McCauley, Clarence F., Pacific Grove, Calif. Garment stretcher. Serial No. 517,916, Mar. 16. Class 24.
McGlaughlin, Louis E., doing business as Chicago Combustion Company, New York, N. Y. Electrically operated machines. Serial No. 526,327, Mar. 16. Class 21.
McGrath, James, Kansas City, Kans. Therapeutic electric lamp. Serial No. 513,941, Mar. 16. Class 44.
McKee, McLester, doing business as W. & W. Products Co., Jersey City, N. J. Preparation consisting of a salve or ointment. Serial No. 488,827, Mar. 16. Class 6.
McLellan Stores Company, New York, N. Y. Hosiery. Serial No. 513,066, Mar. 16. Class 39.
Merz, F. O., & Co., Philadelphia, Pa. Pocketbooks, billfolds, wallets, etc. Serial No. 526,270, Mar. 16. Class 3.
Montgomery, G. B., Manufacturing Company, Glasgow, Limited, The, Glasgow, Scotland. Cameras, photographic enlargers, photographic lenses and mounts, etc. Serial No. 517,582, Mar. 16. Class 26.
Morrell, John, & Co., Ottumwa, Iowa. Canned pork product with barbecue sauce. Serial No. 502,147, Mar. 16. Class 46.
Morris, Harry, Associates, Chicago, Ill. Sheets of plastic film. Serial No. 518,474, Mar. 16. Class 50.
N. V. Handelmaatschappij, "Hertie," Amsterdam, Netherlands. Meats. Serial No. 515,875, Mar. 16. Class 46.

Naamlooze Vermootschap Dictator Deursluiter Maatschappij, Bussum, Netherlands. Door-closers. Serial No. 507,067, Mar. 16. Class 13.
Nail Deks Co.: *See*—
Oliver, Elinor.
National Carbon Company, Inc., New York, N. Y. Electrodes. Serial No. 498,071, Mar. 16. Class 21.
National Lead Company, New York, N. Y. Soldering flux. Serial No. 527,825, Mar. 16. Class 6.
National Lead Company, New York, N. Y. Antimony metal and alloys thereof. Serial No. 527,851, Mar. 16. Class 14.
National Textile & Chemical Laboratory: *See*—
Eakin, Perry V.
New Bedford Fish Products Corp., New Bedford, Mass. Fish meal. Serial No. 525,270, Mar. 16. Class 46.
New Process Mills of New Jersey, Inc., Closter and Hackensack, N. J. Kapok filled quilted cotton linings and interlinings. Serial No. 502,317, Mar. 16. Class 42.
New York Motor Coach Advertising, Inc., New York, N. Y. Token books. Serial No. 526,646, Mar. 16. Class 37.
Nustone Septic Tank Company, The, New Haven, Conn. Underground tanks or cans. Serial No. 524,886, Mar. 16. Class 2.
Nylok Corporation, The, New York, N. Y. Lock nuts. Serial No. 501,584, Mar. 16. Class 13.
Oakes & Company, Chicago, Ill. Pressure canners, milk strainers, barbed wire, etc. Serial No. 525,384, Mar. 16. Class 13.
Oakes & Company, Chicago, Ill. Electrical apparatus. Serial No. 525,388, Mar. 16. Class 21.
Oilgear Company, The, Milwaukee, Wis. Vertical broaching machines. Serial No. 510,718, Mar. 16. Class 23.
Oliver, Elinor, doing business as Nail Deks Co., New York, N. Y., and South Norwalk, Conn. Decalcomania for finger nails. Serial No. 526,276, Mar. 16. Class 38.
Oregon Bulb Farms, Sandy, Oreg. Flower bulbs. Serial Nos. 525,028–9, Mar. 16. Class 1.
Otis, James B., Long Beach, Calif. Preformed sanitary garbage can liners. Serial No. 495,150, Mar. 16. Class 2.
Owens-Illinois Glass Company, Toledo, Ohio. Glass tumblers and drinking glasses. Serial No. 528,639, Mar. 16. Class 33.
Pacific Lambskin Products, Hollywood, Calif. Children's mittens, slippers, and women's gloves. Serial No. 507,592, Mar. 16. Class 39.
Parke, Davis & Company, Detroit, Mich. Preparation for the treatment of cardio vascular diseases. Serial No. 514,374, Mar. 16. Class 6.
Penn Metal Corporation of Penna., Philadelphia, Pa. Steel lockers, steel cabinets, tool cabinets, etc. Serial No. 511,036, Mar. 16. Class 2.
Phi Kappa Fraternity, Cincinnati, Ohio. Jewelry. Serial No. 525,398, Mar. 16. Class 28.
Phi Kappa Fraternity, Cincinnati, Ohio. Jewelry. Serial No. 525,938, Mar. 16. Class 28.
Pilot Packing Co., Inc., New York, N. Y. Mechanical machinery packings. Serial No. 520,831, Mar. 16. Class 35.
Polo & Salomone, New York, N. Y. Preparation for the treatment of diabetes. Serial No. 507,595, Mar. 16. Class 6.
Pre-Vent Corporation, assignee: *See*—
Randall, Clark C.
Pre-Vent Engineering Company: *See*—
Randall, Clark C.
Price Industries Corporation, New York, N. Y. Portable photographic developing tanks. Serial No. 512,089, Mar. 16. Class 26.
Procter & Gamble Company, The, Cincinnati, Ohio. Shampoo. Serial No. 505,234, Mar. 16. Class 6.
Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser, and detergent. Serial No. 528,039, Mar. 16. Class 4.
Pro-Phy-Lac-Tic Brush Company, Northampton, Mass. Brushes. Serial No. 517,162, Mar. 16. Class 29.
Pro-Phy-Lac-Tic Brush Company, Northampton, Mass. Dental plate powder. Serial No. 526,586, Mar. 16. Class 6.
Purepac Corporation, assignor to De Vore Manufacturing Co. Inc., New York, N. Y. Vitamin tablets, ammoniated mercury ointment, analgesic balm, etc. Serial No. 518,171, Mar. 16. Class 6.
Randall, Clark C., doing business as Pre-Vent Engineering Company, Oak Park, Ill., assignor to Pre-Vent Corporation, Chicago, Ill. Crank case scavengers. Serial No. 505,131, Mar. 16. Class 23.
Red Devil Tools, Irvington, N. J. Resilient hand-abrading tools. Serial No. 506,342, Mar. 16. Class 23.
Red Jacket Coal Sales Company, Columbus, Ohio. Electric motor-actuated furnace draft and damper control and regulators. Serial No. 515,906, Mar. 16. Class 34.
Regent, Limited, Boston, Mass. Women's and girls' shirts, skirts, jackets, etc. Serial No. 528,510, Mar. 16. Class 39.
Republic Steel Corporation, Cleveland, Ohio. Water cooler cabinets, typewriter desks and cabinets, etc. Serial No. 495,406, Mar. 16. Class 32.
Rhodes, James H., & Company, Chicago, Ill. Steel wool, pumice and other polishing stones, etc. Serial No. 490,969, Mar. 16. Class 4.
Robbins Tire and Rubber Company, Inc., Tuscumbia, Ala. Inner tubes. Serial No. 516,312, Mar. 16. Class 35.
Robinson, Marcella G., Sacramento, Calif. Vari-colored shower rice. Serial No. 487,209, Mar. 16. Class 50.
Rochester Manufacturing Co., Inc., Rochester, N. Y. Indicating gauges. Serial No. 519,222, Mar. 16. Class 26.
Roller, Stephen H., New York, N. Y. Scythes and sickles. Serial No. 509,305, Mar. 16. Class 23.
Ronson Art Metal Works, Inc., Newark, N. J. Ash trays, combined ash trays and cigar lighters, combined cigar or cigarette containers, etc. Serial No. 512,929. Mar. 16. Class 8.
Rountree, Billie, doing business as Rountree Laboratories, Fort Worth, Tex. Medical compounds. Serial No. 504,930, Mar. 16. Class 6.
Rountree Laboratories: *See*—
Rountree, Billie.
St. Regis Paper Company, New York, N. Y. Machinery and parts thereof. Serial No. 525,702, Mar. 16. Class 23.
Saloschin, Robert L., Inwood, N. Y. Navigator apparatuses. Serial No. 497,417, Mar. 16. Class 26.
Sapt, Inc., Dover, Del., and New York, N. Y. Cotton, wool and rayon waste, fibers and rags, etc. Serial No. 524,019, Mar. 16. Class 1.
Schenley Laboratories, Inc., New York, N. Y. Penicillin. Serial No. 516,582, Mar. 16. Class 6.
Schering Corporation, Bloomfield, N. J. Preparation for the prevention of travel sickness. Serial No. 535,085, Mar. 16. Class 6.
Schieren, Chas. A., Company, New York, N. Y. Oil-dressed and waterproofed flat leather belting. Serial No. 530,966, Mar. 16. Class 35.
Schumacher, F., & Co., New York, N. Y. Rugs and carpets. Serial No. 506,776, Mar. 16. Class 42.
Servicised Products Corporation, Chicago, Ill. Thermo-plastic rubberized bituminous compositions. Serial No. 508,072, Mar. 16. Class 1.
Shearer-Neumann Co., assignor to Beau Brummell Ties, Inc., Toiletries Division, Cincinnati, Ohio. Unfilled art boxes. Serial No. 500,707, Mar. 16. Class 2.
Siegel, Samuel M., doing business as Gadgets, Jackson Heights, N. Y. Radio receiving sets. Serial No. 494,134, Mar. 16. Class 21.
Silex Company, The, Hartford, Conn. Measuring cups and measuring spoons. Serial No. 516,097, Mar. 16. Class 26.
Societe Belge de Ceramique, Societe Anonyme. Brussells & Pavillon-Florennes, Belgium. Tableware and articles of crockery. Serial No. 485,842, Mar. 16. Class 30.
Spir-It, Inc., Malden, Mass. Empty plastic cups. Serial No. 524,160, Mar. 16. Class 2.
Squibb, E. R., & Sons, New York, N. Y. Antianemic preparations. Serial No. 536,005, Mar. 16. Class 6.
Stahl Brothers, Gonzales, Tex. Dressed poultry. Serial No. 526,682, Mar. 16. Class 46.
Steiner, Nick S., The Firestone Bank, Executor of the estate of Nick Steiner, deceased; assignor by mesne assignments to Elmer A. Geig and Anna R. Geig, Union, Ohio. Pickling solution comprising vinegar, spices, herbs, etc. Serial No. 513,472, Mar. 16. Class 46.
Stier, Joseph B., doing business as Styson Art Products Company, New York, N. Y. Trays, coasters, bon-bon and candy dishes, etc. Serial No. 522,991, Mar. 16. Class 2.
Stuart, Inc., St. Paul, Minn. Cloth doll containing sachet. Serial No. 531,860, Mar. 16. Class 40.
Styson Art Products Company: *See*—
Stier, Joseph B.
Sun Chemical Corporation, assignee: *See*—
Harte, Ralph S.
Susquehanna Mills, Inc., New York, N. Y. Wool crepe fabrics in the piece. Serial No. 531,254, Mar. 16. Class 42.
Switzer Brothers: *See*—
Switzer, Robert C.
Switzer Brothers, Inc., assignee: *See*—
Switzer, Robert C.
Switzer, Robert C., doing business as Switzer Brothers, assignor to Switzer Brothers, Inc., Cleveland, Ohio. Fabrics in the piece. Serial No. 473,650, Mar. 16. Class 42.
Tailored Covers, Ltd., Chicago, Ill. Covers made of plastic, for use on appliances. Serial No. 512,350, Mar. 16. Class 50.
Talon, Inc., Meadville, Pa. Tobacco pouches, cigarette cases, cigar cases, etc. Serial Nos. 527,881–2, Mar. 16. Class 8.
Talon, Inc., Meadville, Pa. Pads and covers for ironing boards. Serial No. 527,893, Mar. 16. Class 24.
Tamko Asphalt Products, Incorporated, Joplin, Mo. Asphalt roofing. Serial No. 534,835, Mar. 16. Class 12.
Tennessee Glove Company, Tullahoma, Tenn. Fabric work gloves. Serial No. 521,836, Mar. 16. Class 39.
Toronto Star Limited, The, Toronto, Ontario, Canada. Paper and wire bound bundling machines. Serial No. 515,344, Mar. 16. Class 23.
Tube Turns, Louisville, Ky. Metal pipe fittings. Serial No. 496,489, Mar. 16. Class 13.
Union Carbide and Carbon Corporation, New York, N. Y. Electrical insulating and fire-resisting saturants, impregnants and sealing compounds. Serial No. 524,838, Mar. 16. Class 21.

United States Gasket Company, Camden, N. J. Plastic jacketed gaskets. Serial No. 524,582, Mar. 16. Class 35.
United States Gypsum Company, Chicago, Ill. Publication issued intermittently. Serial No. 476,410, Mar. 16. Class 38.
Vanderbilt, R. T., Company, Inc., New York, N. Y. Stabilizing and releasing agent for vinyl resins. Serial No. 520,483, Mar. 16. Class 6.
W. & M. Products Co.: *See*—
McKee, McLester.
Wallace, George N., New York, N. Y. Stop watches. Serial No. 526,312, Mar. 16. Class 27.
Weldum Products Company, Madison, Ind. Soot destroying compound. Serial No. 505,784, Mar. 16. Class 6.
Weldwax Corporation, New Paltz, N. Y. Wax candles. Serial No. 519,244, Mar. 16. Class 15.
Western Waxed Paper Co.: *See*—
Crown Zellerbach Corporation.
Whittall, M. J., Associates, Inc., Worcester, Mass. Carpets and rugs. Serial No. 523,636, Mar. 16. Class 42.
Wood, G. H., & Company, Limited, Toronto, Ontario, Canada. Small substantially cylindrical atomizing or spraying device. Serial No. 510,222, Mar. 16. Class 23.
Wright's Underwear Corporation, New York, N. Y. Underwear. Serial No. 538,336, Mar. 16. Class 39.
Wrisley, Allen B., Company, Chicago, Ill. Perfume. Serial No. 496,746, Mar. 16. Class 6.
Wullschleger & Co., New York, N. Y. Fabrics in the piece. Serial No. 528,393, Mar. 16. Class 42.
Wurzburg Brothers, Memphis, Tenn. Bale tie twisters, tag dispensers, baling presses, etc. Serial No. 510,142, Mar. 16. Class 23.
Wyeth Incorporated, Philadelphia, Pa. Digitoxin. Serial No. 535,207, Mar. 16. Class 6.
Young-Jones Laboratory, Tampa, Fla. Chemical powder and liquids. Serial No. 537,271, Mar. 16. Class 6.
Zadik, A., y Compania, Guatemala City, Guatemala. Textile fabrics in the piece, yard or bolt, tablecloths, blankets, etc. Serial No. 500,269, Mar. 16. Class 42.

LIST OF REGISTRANTS OF TRADE-MARKS

Ace Fastener Corporation, Chicago, Ill. Stapling machines and staples therefor. 332,351, Feb. 11, 1936. Republished Mar. 16. Class 37.
Acheson Graphite Company, Niagara Falls, to National Carbon Company, Inc., New York, N. Y. Electrodes, anodes, and carbon brushes. 144,982, renewed Jan. 5, 1948. O. G. Mar. 16. Class 21.
Acme Card System Company, by Acme Visible Records, Inc., Chicago, Ill. Cards for visible index or record equipment, desk diaries, etc. 342,738, Jan. 26, 1937. Republished Mar. 16. Class 37.
Acme Chemical Company, Milwaukee, Wis. Preparation for the treatment of water. 322,889, Mar. 26, 1935. Republished Mar. 16. Class 6.
Acme Visible Records, Inc.: *See*—
Acme Card System Company.
Adco, Inc.: *See*—
American Disinfecting Company.
Agfa Ansco Corporation, Binghamton, by General Aniline & Film Corporation, New York, N. Y. Sensitized photographic paper. 286,706, Sept. 1, 1931. Republished Mar. 16. Class 26.
Agfa Ansco Corporation, Binghamton, by General Aniline & Film Corporation, New York, N. Y. Sensitized photographic film. 339,642, Oct. 13, 1936. Republished Mar. 16. Class 26.
Agfa Ansco Corporation, Binghamton, by General Aniline & Film Corporation, New York, N. Y. Sensitized photographic film. 340,438, Nov. 10, 1936. Republished Mar. 16. Class 26.
Agfa Ansco Corporation, Binghamton, N. Y., by General Aniline & Film Corporation, New York, N. Y. Photographic cameras. 345,512, Apr. 27, 1937. Republished Mar. 16. Class 26.
Aktieselskabet de Danske Spritfabrikker, Copenhagen, Denmark. Spiritous liquors. 157,846, renewed Aug. 22, 1942. O. G. Mar. 16. Class 49.
Aktieselskabet de Danske Spritfabrikker, Copenhagen, Denmark. Lees and fresh yeast. 182,557, renewed Apr. 15, 1944. O. G. Mar. 16. Class 46.
Aktieselskabet Freia Chocolade Fabrik, Christiania, Norway, to Aktieselskabet Freia Chocolade Fabrik, Oslo, Norway. Candies and chocolates. 189,171, renewed Sept. 16, 1944. O. G. Mar. 16. Class 46.
Alta Vista Creamery Company, Forth Worth, Tex. Ice-cream, ices, sherbets, and frozen custards. 67,989, renewed Mar. 3, 1948. O. G. Mar. 16. Class 46.
American Disinfecting Company, by Adco, Inc., Sedalia, Mo. Floor dressing. 278,149, Dec. 9, 1930. Republished Mar. 16. Class 16.
American Disinfecting Company, by Adco, Inc., Sedalia, Mo. Liquid soap soluble in gasoline. 279,289, Jan. 13, 1931. Republished Mar. 16. Class 4.
American Disinfecting Company, by Adco, Inc., Sedalia, Mo. Detergents. 301,520, Mar. 7, 1933. Republished Mar. 16. Class 4.
American Disinfecting Company, by Adco, Inc., Sedalia, Mo. Liquid wax preparation. 302,385, Apr. 18, 1933. Republished Mar. 16. Class 16.
American Fork and Hoe Company, The, Cleveland, Ohio. Fishing lures and baits. 341,046, Dec. 1, 1936. Republished Mar. 16. Class 22.
American Oak Leather Company, The, Cincinnati, Ohio. Sole leather. 301,371, Feb. 28, 1933. Republished Mar. 16. Class 1.
American Sales Book Company, Limited, Toronto, Ontario, Canada, Niagara Falls and Elmira, to Moore Business Forms, Inc., Elmira and Niagara Falls, N. Y. Paper sheets, strips, and rolls. 235,747, renewed Nov. 22, 1947. O. G. Mar. 16. Class 37.
American Sales Book Company, Limited, Toronto, Ontario, Canada, Niagara Falls and Elmira, to Moore Business Forms, Inc., Elmira and Niagara Falls, N. Y. Paper sheets, strips, rolls, pads, etc. 236,953, renewed Dec. 27, 1947. O. G. Mar. 16. Class 37.
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Arizona Minerals Corporation, Yuma, Ariz. Water-softening material. 278,708, Dec. 30, 1930. Republished Mar. 16. Class 6.
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Armstrong Cork Company: *See*—
Armstrong Cork & Insulation Company.
Armstrong Cork & Insulation Company, Lancaster, Pa., by Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Closures for bottles and container. 329,389, Oct. 29, 1935. Republished Mar. 16. Class 50.
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Potts Powder Company, The.
Atlas Supply Company, Newark, N. J. Radio receivers. 437,355, Mar. 16; Serial No. 520,676, published Dec. 16, 1947. Class 21.
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Bassick Company, The, Bridgeport, Conn. Furniture casters and slides, metal drawer pulls, etc. 346,203, May 18, 1937. Republished Mar. 16. Class 13.
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Siedenburg, Henry.
Bjorndal, Magnus, doing business as Tech Laboratories, Jersey City, N. J. Radio transmitting and receiving instruments and parts. 437,403, Mar. 16. Class 21.
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Broemmel, George M., doing business as Broemmel Pharmaceuticals, San Francisco, Calif. Mosquito immunizing agent. 329,471, Oct. 29, 1935. Republished Mar. 16. Class 6.
Broemmel Pharmaceuticals: *See*—
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Bushmill Wine Products Company, Inc.
Brown Medicine Company, The, Erie, Pa., to S. C. Wells & Co., Le Roy, N. Y. Remedy for colds, throat affections, and internal and external pains. 31,292, re-renewed Feb. 22, 1948. O. G. Mar. 16. Class 6.
Buck Creek Cotton Mills, Inc., Siluria, Ala. Cotton flannels and woven cotton napped goods in the piece. 238,735, renewed Feb. 14, 1948. O. G. Mar. 16. Class 42.
Buckeye Cotton Oil Co., The, Cincinnati, Ohio. Cottonseed meal. 276,944, Nov. 4, 1930. Republished Mar. 16. Class 46.
Buckeye Cotton Oil Co., The, Cincinnati, Ohio. Cottonseed meal. 320,544, Jan. 1, 1935. Republished Mar. 16. Class 46.
Burlington Mills Corporation, assignee: *See*—
Concordia-Gallia Corporation.
Burns, Faye, New York, N. Y. Albums. 437,342, Mar. 16; Serial No. 517,699, published Dec. 9, 1947. Class 37.
Burroughs Adding Machine Company, Detroit, Mich. Electrical appliances. 333,110, Mar. 10, 1936. Republished Mar. 16. Class 21.
Burroughs Adding Machine Company, Detroit, Mich. Inking ribbons. 333,341, Mar. 17, 1936. Republished Mar. 16. Class 11.
Burroughs Adding Machine Company, Detroit, Mich. Stationery and supplies. 335,153, May 26, 1936. Republished Mar. 16. Class 37.
Burroughs Adding Machine Company, Detroit, Mich. Inking ribbons. 335,607, June 9, 1936. Republished Mar. 16. Class 11.
Burroughs Adding Machine Company, Detroit, Mich. Business machines. 343,430, Feb. 23, 1937. Republished Mar. 16. Class 26.
Burroughs Adding Machine Company, Detroit, Mich. Typewriters, including platen twirlers, rubber feet, etc. 343,467, Feb. 23, 1937. Republished Mar. 16. Class 23.
Bushmill Wine Products Company, Inc., by Brookside Distilling Products Corporation, Scranton, Pa. Whiskey. 333,462, Mar. 24, 1936. Republished Mar. 16. Class 49.
California Corrugated Culvert Co., Oakland and Berkeley, Calif., by Armco Drainage & Metal Products, Inc., Middletown, Ohio. Iron flumes, inverted siphons, storm drains, etc. 111,995, Aug. 15, 1916. Republished Mar. 16. Class 13.
Campana Corporation, Batavia, Ill. Astringents, skin lotions, after shaving lotions, etc. 311,244, Mar. 20, 1934. Republished Mar. 16. Class 6.
Campana Corporation, Batavia, Ill. Toilet preparation. 322,065, Feb. 26, 1935. Republished Mar. 16. Class 6.
Cannon Valley Milling Co. (1938): *See*—
Cannon Valley Milling Company.
Cannon Valley Milling Company, by Cannon Valley Milling Co. (1938), Minneapolis, Minn. Wheat-flour. 78,227, May 31, 1910. Republished Mar. 16. Class 46.
Cannon Valley Milling Company, by Cannon Valley Milling Co. (1938), Minneapolis, Minn. Wheat-flour. 136,353–4, Nov. 2, 1920. Republished Mar. 16. Class 46.
Capewell Horse Nail Company, The, to The Capewell Manufacturing Company, Hartford, Conn. Horseshoe-nails. 67,010, re-renewed Jan. 14, 1948. O. G. Mar. 16. Class 13.
Capewell Manufacturing Company, The: *See*—
Capewell Horse Nail Company, The.
Carbonneau Industries, Grand Rapids, Mich. Loudspeakers. 437,338, Mar. 16; Serial No. 515,536, published Dec. 16, 1947. Class 21.
Carman & Co. Inc., New York, N. Y., by The Procter & Gambie Company, Cincinnati, Ohio. Soap. 326,653, July 30, 1935. Republished Mar. 16. Class 4.
Caron Corporation: *See*—
Daltroff, E., & Cie.
Chance & Hunt, Ld., Oldbury, England, to I. C. I. (General Chemicals) Limited, Slough, Buckinghamshire, England. Caustic soda. 66,212, re-renewed Nov. 19, 1947. O. G. Mar. 16. Class 6.
Chicago Specialty Mfg. Co., by Chicago Specialty Manufacturing Co., Inc., Chicago, Ill. Radiator handle. 340,196, Nov. 3, 1936. Republished Mar. 16. Class 13.
Chicago Specialty Manufacturing Co. Inc.: *See*—
Chicago Specialty Mfg. Co.
Cinderella Hat Company, Inc., New York, N. Y. Knitted and crocheted hats, berets, turbans, etc. 316,771, Sept. 4, 1934. Republished Mar. 16. Class 39.
Cohn, Arthur D., doing business as Arcon Leather Products Mfg. Co., New York, N. Y. Identification tag holders. 437,344, Mar. 16; Serial No. 518,133, published Dec. 23, 1947. Class 3.
Columbia Phonograph Company, General, New York, N. Y., to Dictaphone Corporation, Bridgeport, Conn. Graphophones. 66,997, re-renewed Jan. 7, 1948. O. G. Mar. 16. Class 36.
Columbian Enameling & Stamping Co., by Columbian Enameling & Stamping Co., Inc., Terre Haute, Ind. Enameled ware. 295,023, June 14, 1932. Republished Mar. 16. Class 13.
Columbian Enameling & Stamping Co., Inc.: *See*—
Columbian Enameling & Stamping Co.
Comfort Paper Corporation, San Francisco, Calif. Toilet tissue. 331,232, Dec. 31, 1935. Republished Mar. 16. Class 37.
Comfort Paper Corporation, San Francisco, Calif. Paper towels. 331,774, Jan. 21, 1936. Republished Mar. 16. Class 37.
Concordia-Gallia Corporation, New York, N. Y., assignor, by mesne assignments, to Burlington Mills Corporation, Greensboro, N. C. Textile fabrics. 437,365, Mar. 16; Serial No. 522,770, published Dec. 16, 1947. Class 42.
Cone Export and Commission Company, Inc., New York, N. Y. Piece goods of cotton, wool, linen, etc. 437,347, Mar. 16; Serial No. 518,939, published Dec. 16, 1947. Class 42.

United States Gasket Company, Camden, N. J. Plastic jacketed gaskets. Serial No. 524,582, Mar. 16. Class 35.

United States Gypsum Company, Chicago, Ill. Publication issued intermittently. Serial No. 476,410, Mar. 16. Class 38.

Vanderbilt, R. T., Company, Inc., New York, N. Y. Stabilizing and releasing agent for vinyl resins. Serial No. 520,483, Mar. 16. Class 6.

W. & M. Products Co.: *See*—
McKee, McLester.

Wallace, George N., New York, N. Y. Stop watches. Serial No. 526,312, Mar. 16. Class 27.

Weldum Products Company, Madison, Ind. Soot destroying compound. Serial No. 505,784, Mar. 16. Class 6.

Weldwax Corporation, New Paltz, N. Y. Wax candles. Serial No. 519,244, Mar. 16. Class 15.

Western Waxed Paper Co.: *See*—
Crown Zellerbach Corporation.

Whittall, M. J., Associates, Inc., Worcester, Mass. Carpets and rugs. Serial No. 523,636, Mar. 16. Class 42.

Wood, G. H., & Company, Limited, Toronto, Ontario, Canada. Small substantially cylindrical atomizing or spraying device. Serial No. 510,222, Mar. 16. Class 23.

Wright's Underwear Corporation, New York, N. Y. Underwear. Serial No. 538,336, Mar. 16. Class 39.

Wrisley, Allen B., Company, Chicago, Ill. Perfume. Serial No. 496,746, Mar. 16. Class 6.

Wullschleger & Co., New York, N. Y. Fabrics in the piece. Serial No. 528,393, Mar. 16. Class 42.

Wurzburg Brothers, Memphis, Tenn. Bale tie twisters, tag dispensers, baling presses, etc. Serial No. 510,142, Mar. 16. Class 23.

Wyeth Incorporated, Philadelphia, Pa. Digitoxin. Serial No. 535,207, Mar. 16. Class 6.

Young-Jones Laboratory, Tampa, Fla. Chemical powder and liquids. Serial No. 537,271, Mar. 16. Class 6.

Zadik, A., y Compania, Guatemala City, Guatemala. Textile fabrics in the piece, yard or bolt, tablecloths, blankets, etc. Serial No. 500,269, Mar. 16. Class 42.

LIST OF REGISTRANTS OF TRADE-MARKS

Ace Fastener Corporation, Chicago, Ill. Stapling machines and staples therefor. 332,351, Feb. 11, 1936. Republished Mar. 16. Class 37.

Acheson Graphite Company, Niagara Falls, to National Carbon Company, Inc., New York, N. Y. Electrodes, anodes, and carbon brushes. 144,982, renewed Jan. 5, 1948. O. G. Mar. 16. Class 21.

Acme Card System Company, by Acme Visible Records, Inc., Chicago, Ill. Cards for visible index or record equipment, desk diaries, etc. 342,738, Jan. 26, 1937. Republished Mar. 16. Class 37.

Acme Chemical Company, Milwaukee, Wis. Preparation for the treatment of water. 322,889, Mar. 26, 1935. Republished Mar. 16. Class 6.

Acme Visible Records, Inc.: *See*—
Acme Card System Company.

Adco, Inc.: *See*—
American Disinfecting Company.

Agfa Ansco Corporation, Binghamton, by General Aniline & Film Corporation, New York, N. Y. Sensitized photographic paper. 286,706, Sept. 1, 1931. Republished Mar. 16. Class 26.

Agfa Ansco Corporation, Binghamton, by General Aniline & Film Corporation, New York, N. Y. Sensitized photographic film. 339,642, Oct. 13, 1936. Republished Mar. 16. Class 26.

Agfa Ansco Corporation, Binghamton, by General Aniline & Film Corporation, New York, N. Y. Sensitized photographic film. 340,438, Nov. 10, 1936. Republished Mar. 16. Class 26.

Agfa Ansco Corporation, Binghamton, N. Y., by General Aniline & Film Corporation, New York, N. Y. Photographic cameras. 343,512, Apr. 27, 1937. Republished Mar. 16. Class 26.

Aktieselskabet de Danske Spritfabrikker, Copenhagen, Denmark. Spiritous liquors. 157,846, renewed Aug. 22, 1942. O. G. Mar. 16. Class 49.

Aktieselskabet de Danske Spritfabrikker, Copenhagen, Denmark. Lees and fresh yeast. 182,557, renewed Apr. 15, 1944. O. G. Mar. 16. Class 46.

Aktieselskabet Freia Chocolade Fabrik, Christiania, Norway, to Aktieselskabet Freia Chocolade Fabrik, Oslo, Norway. Candies and chocolates. 189,171, renewed Sept. 16, 1944. O. G. Mar. 16. Class 46.

Alta Vista Creamery Company, Forth Worth, Tex. Ice-cream, ices, sherbets, and frozen custards. 67,989, renewed Mar. 3, 1948. O. G. Mar. 16. Class 46.

American Disinfecting Company, by Adco, Inc., Sedalia, Mo. Floor dressing. 278,149, Dec. 9, 1930. Republished Mar. 16. Class 16.

American Disinfecting Company, by Adco, Inc., Sedalia, Mo. Liquid soap soluble in gasoline. 279,289, Jan. 13, 1931. Republished Mar. 16. Class 4.

American Disinfecting Company, by Adco, Inc., Sedalia, Mo. Detergents. 301,520, Mar. 7, 1933. Republished Mar. 16. Class 4.

American Disinfecting Company, by Adco, Inc., Sedalia, Mo. Liquid wax preparation. 302,385, Apr. 18, 1933. Republished Mar. 16. Class 16.

American Fork and Hoe Company, The, Cleveland, Ohio. Fishing lures and baits. 341,046, Dec. 1, 1936. Republished Mar. 16. Class 22.

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Brown Medicine Company, The, Erie, Pa., to S. C. Wells & Co., Le Roy, N. Y. Remedy for colds, throat affections, and internal and external pains. 31,292, re-renewed Feb. 22, 1948. O. G. Mar. 16. Class 6.

Buck Creek Cotton Mills, Inc., Siluria, Ala. Cotton flannels and woven cotton napped goods in the piece. 238,735, renewed Feb. 14, 1948. O. G. Mar. 16. Class 42.

Buckeye Cotton Oil Co., The, Cincinnati, Ohio. Cottonseed meal. 276,944, Nov. 4, 1930. Republished Mar. 16. Class 46.

Buckeye Cotton Oil Co., The, Cincinnati, Ohio. Cottonseed meal. 320,544, Jan. 1, 1935. Republished Mar. 16. Class 46.

Burlington Mills Corporation, assignee: *See*—
Concordia-Gallia Corporation.

Burns, Faye, New York, N. Y. Albums. 437,342, Mar. 16; Serial No. 517,699, published Dec. 9, 1947. Class 37.

Burroughs Adding Machine Company, Detroit, Mich. Electrical appliances. 333,110, Mar. 10, 1936. Republished Mar. 16. Class 21.

Burroughs Adding Machine Company, Detroit, Mich. Inking ribbons. 333,341, Mar. 17, 1936. Republished Mar. 16. Class 11.

Burroughs Adding Machine Company, Detroit, Mich. Stationery and supplies. 335,153, May 26, 1936. Republished Mar. 16. Class 37.

Burroughs Adding Machine Company, Detroit, Mich. Inking ribbons. 335,607, June 9, 1936. Republished Mar. 16. Class 11.

Burroughs Adding Machine Company, Detroit, Mich. Business machines. 343,430, Feb. 23, 1937. Republished Mar. 16. Class 26.

Burroughs Adding Machine Company, Detroit, Mich. Typewriters, including platen twirlers, rubber feet, etc. 343,467, Feb. 23, 1937. Republished Mar. 16. Class 23.

Bushmill Wine Products Company, Inc., by Brookside Distilling Products Corporation, Scranton, Pa. Whiskey. 333,462, Mar. 24, 1936. Republished Mar. 16. Class 49.

California Corrugated Culvert Co., Oakland and Berkeley, Calif., by Armco Drainage & Metal Products, Inc., Middletown, Ohio. Iron flumes, inverted siphons, storm drains, etc. 111,995, Aug. 15, 1916. Republished Mar. 16. Class 13.

Campana Corporation, Batavia, Ill. Astringents, skin lotions, after shaving lotions, etc. 311,244, Mar. 20, 1934. Republished Mar. 16. Class 6.

Campana Corporation, Batavia, Ill. Toilet preparation. 322,065, Feb. 26, 1935. Republished Mar. 16. Class 6.

Cannon Valley Milling Co. (1938): *See*—
Cannon Valley Milling Company.

Cannon Valley Milling Company, by Cannon Valley Milling Co. (1938), Minneapolis, Minn. Wheat-flour. 78,227, May 31, 1910. Republished Mar. 16. Class 46.

Cannon Valley Milling Company, by Cannon Valley Milling Co. (1938), Minneapolis, Minn. Wheat-flour. 136,353–4, Nov. 2, 1920. Republished Mar. 16. Class 46.

Capewell Horse Nail Company, The, to The Capewell Manufacturing Company, Hartford, Conn. Horseshoe-nails. 67,010, re-renewed Jan. 14, 1948. O. G. Mar. 16. Class 13.

Capewell Manufacturing Company, The: *See*—
Capewell Horse Nail Company, The.

Carbonneau Industries, Grand Rapids, Mich. Loudspeakers. 437,338, Mar. 16; Serial No. 515,536, published Dec. 16, 1947. Class 21.

Carman & Co. Inc., New York, N. Y., by The Procter & Gamble Company, Cincinnati, Ohio. Soap. 326,653, July 30, 1935. Republished Mar. 16. Class 4.

Caron Corporation: *See*—
Daltroff, E., & Cie.

Chance & Hunt, Ld., Oldbury, England, to I. C. I. (General Chemicals) Limited, Slough, Buckinghamshire, England. Caustic soda. 66,212, re-renewed Nov. 19, 1947. O. G. Mar. 16. Class 6.

Chicago Specialty Mfg. Co., by Chicago Specialty Manufacturing Co., Inc., Chicago, Ill. Radiator handle. 340,196, Nov. 3, 1936. Republished Mar. 16. Class 13.

Chicago Specialty Manufacturing Co. Inc.: *See*—
Chicago Specialty Mfg. Co.

Cinderella Hat Company, Inc., New York, N. Y. Knitted and crocheted hats, berets, turbans, etc. 316,771, Sept. 4, 1934. Republished Mar. 16. Class 39.

Cohn, Arthur D., doing business as Arcon Leather Products Mfg. Co., New York, N. Y. Identification tag holders. 437,344, Mar. 16; Serial No. 518,133, published Dec. 23, 1947. Class 3.

Columbia Phonograph Company, General, New York, N. Y., to Dictaphone Corporation, Bridgeport, Conn. Graphophones. 66,997, re-renewed Jan. 7, 1948. O. G. Mar. 16. Class 36.

Columbian Enameling & Stamping Co., by Columbian Enameling & Stamping Co., Inc., Terre Haute, Ind. Enameled ware. 295,023, June 14, 1932. Republished Mar. 16. Class 13.

Columbian Enameling & Stamping Co., Inc.: *See*—
Columbian Enameling & Stamping Co.

Comfort Paper Corporation, San Francisco, Calif. Toilet tissue. 331,232, Dec. 31, 1935. Republished Mar. 16. Class 37.

Comfort Paper Corporation, San Francisco, Calif. Paper towels. 331,774, Jan. 21, 1936. Republished Mar. 16. Class 37.

Concordia-Gallia Corporation, New York, N. Y., assignor, by mesne assignments, to Burlington Mills Corporation, Greensboro, N. C. Textile fabrics. 437,365, Mar. 16; Serial No. 522,770, published Dec. 16, 1947. Class 42.

Cone Export and Commission Company, Inc., New York, N. Y. Piece goods of cotton, wool, linen, etc. 437,347, Mar. 16; Serial No. 518,939, published Dec. 16, 1947. Class 42.

Consolidated Cosmetics: *See*—
Associated Distributors, Inc.

Coordinative Medicines Association, Inc., The: *See*—
Hancock, Charles W.

Crowley, Henry L., & Co., Inc., West Orange, N. J. Cores for transformer and coil windings. 339,776, Oct. 20, 1936. Republished Mar. 16. Class 21.

Crown Zellerbach Corporation, San Francisco, Calif. Paper towels. 265,402, Dec. 24, 1929. Republished Mar. 16. Class 37.

D. & R. Mfg. Co., assignor to James W. Delaney, Kansas City, Mo. Safety switches. 437,326, Mar. 16; Serial No. 509,142, published Dec. 9, 1947. Class 21.

Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France, to Caron Corporation, New York, N. Y. Pastes and powders, and perfumery. 241,026, renewed Apr. 17, 1948. O. G. Mar. 16. Class 23.

Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France, by Caron Corporation, New York, N. Y. Perfume, toilet water. 320,644, Jan. 1, 1935. Republished Mar. 16. Class 6.

Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France, by Caron Corporation, New York, N. Y. Rouge. 339,666, Oct. 13, 1936. Republished Mar. 16. Class 6.

Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France, by Caron Corporation, New York, N. Y. Rouge. 343,827, Mar. 9, 1937. Republished Mar. 16. Class 6.

Davies-Young Soap Company, The, Dayton, Ohio. Liquid glove-cleaning soap. 279,221, Jan. 13, 1931. Republished Mar. 16. Class 4.

Davies-Young Soap Company, The, Dayton, Ohio. Prepared liquid wax. 293,103, Apr. 12, 1932. Republished Mar. 16. Class 16.

Davies-Young Soap Company, The, Dayton, Ohio. Dry cleaning soap. 295,142, June 21, 1932. Republished Mar. 16. Class 4.

Davies-Young Soap Company, The, Dayton, Ohio. Liquid dry cleaning soap. 295,143–4, June 21, 1932. Republished Mar. 16. Class 4.

Davies-Young Soap Company, The, Dayton, Ohio. Liquid spotting solution. 333,553, Mar. 24, 1936. Republished Mar. 16. Class 4.

Delaney, James W.: *See*—
D. & R. Mfg. Co.

Denver Fire Clay Company, The, Denver, Colo. Prepared clay. 239,739, renewed Mar. 13, 1948. O. G. Mar. 16. Class 1.

Denver Fire Clay Company, The, Denver, Colo. Refractory cement or mortar. 239,740, renewed Mar. 13, 1948. O. G. Mar. 16. Class 12.

Denver Fire Clay Company, The, Denver, Colo. Fire brick and fire clay tile and high-temperature cement or mortar. 240,656, renewed Apr. 3, 1948. O. G. Mar. 16. Class 12.

Denver Fire Clay Company, The, Denver, Colo. Fire brick and fire-clay tile. 240,711–12, renewed Apr. 3, 1948. O. G. Mar. 16. Class 12.

Diamond Chain and Manufacturing Company, by The Diamond Chain Company, Inc., Indianapolis, Ind. Chains for the transmission of power. 338,535, Sept. 8, 1936. Republished Mar. 16. Class 13.

Diamond Chain Company, Inc., The: *See*—
Diamond Chain and Manufacturing Company.

Dictaphone Corporation: *See*—
Columbia Phonograph Company, General.

Dictaphone Corporation, Bridgeport, Conn. Memorandum pads. 236,488, renewed Dec. 13, 1947. O. G. Mar. 16. Class 37.

Driver-Harris Company, Harrison, N. J. Wire, both insulated and non-insulated. 437,337, Mar. 16; Serial No. 515,417, published Dec. 16, 1947. Class 21.

Dunne, F. L., Co., Boston, Mass. Certain articles of clothing. 304,667, July 11, 1933. Republished Mar. 16. Class 39.

Duplex Fabrics Corporation, New York, N. Y. Rayon piece goods. 437,318, Mar. 16; Serial No. 493,920, published Dec. 9, 1947. Class 42.

E-Z Lock Corporation, New York, N. Y. Umbrella runners and shafts. 500,009, Mar. 16. Class 41.

Eagle-Ottawa Leather Company, Grand Haven, Mich. Leather. 437,412, Mar. 16. Class 1.

Ecusta Paper Corporation, Pisgah Forest, N. C. Writing paper. 437,369, Mar. 16; Serial No. 524,586, published Dec. 16, 1947. Class 37.

Eggers Fabric Company, New York, N. Y. Coated fabrics in the nature of artificial leather. 437,404, Mar. 16. Class 50.

Erie Resistor Corporation, Erie, Pa. Electrical current controlling devices. 346,828, June 8, 1937. Republished Mar. 16. Class 21.

Eril Trading Company: *See*—
Kessler, Ilse J.

Fanning Bread and Butter Pickle Company, Inc., New York, N. Y., and Streator, Ill., to The Best Foods, Inc., New York, N. Y. Pickles. 240,709, renewed Apr. 3, 1948. O. G. Mar. 16. Class 46.

Fashion Park, Inc.: *See*—
Rosenberg Brothers & Co.

Felton & Son, Inc., Boston, Mass. Rum. 331,301, Dec. 31, 1935. Republished Mar. 16. Class 49.

Ford Manufacturing Company: *See*—
Ford, Wellman B.

Ford, Wellman B., doing business as Ford Manufacturing Company, Mount Kisco, N. Y. Electric hot water heaters. 437,332, Mar. 16; Serial No. 511,605, published Dec. 16, 1947. Class 21.

Foundations, W. B., Incorporated, Newark, N. J. Corsets, girdles, brassières, etc. 342,615, Jan. 19, 1937. Republished Mar. 16. Class 39.

Furmanite Company, The: *See*—
Furmanite Corporation, The.

Furmanite Corporation, The, Newport News, Va., to The Furmanite Company, Norfolk, Va. Plastic leak-sealing compound. 231,409, renewed Aug. 16, 1947. O. G. Mar. 16. Class 12.

Furmanite Corporation, The, Newport News, Va., to The Furmanite Company, Norfolk, Va. Equipment for sealing leaks in metal containers. 232,149, renewed Sept. 6, 1947. O. G. Mar. 16. Class 23.

Gaensler, Hugo A., Merion, Pa. Memorandum pads and telephone indexes. 437,359, Mar. 16; Serial No. 521,067, published Dec. 16, 1947. Class 37.

Gardner-Denver Company, Denver, Colo. Drill bits; drill sharpeners, pneumatic and manual operated drill retainers, etc. 240,974, renewed Apr. 10, 1948. O. G. Mar. 16. Class 23.

Gates Rubber Company, The, Denver, Colo. Garden hose. 343,452, Feb. 23, 1937. Republished Mar. 16. Class 35.

General Aniline & Film Corporation: *See*—
Agfa Ansco Corporation.

General Tire & Rubber Company, The, Akron, Ohio. Pneumatic tires. 342,083, Jan. 5, 1937. Republished Mar. 16. Class 35.

General Utilities Corporation, Philadelphia, Pa. Fuel oil burning boilers, and oil. 437,406, Mar. 16. Class 34.

Ghose, Satish C., Chicago, Ill. Incense. 291,387, Feb. 9, 1932. Republished Mar. 16. Class 6.

Ghose, Satish C., Chicago, Ill. Incense. 500,010, Mar. 16. Class 6.

Gillette Safety Razor Company: *See*—
Segelman, Jacob P., & Company.

Globe-Union Inc.: *See*—
Globe-Union Mfg. Co.
Marshall Field & Company.

Globe-Union Mfg. Co., by Globe-Union Inc., Milwaukee, Wis. Ice skates. 319,002, Nov. 13, 1934. Republished Mar. 16. Class 22.

Graff, George B., Company, Cambridge, Mass. Indicator tabs or file signals. 302,293, Apr. 11, 1933. Republished Mar. 16. Class 37.

Gray Company, Inc., Minneapolis, Minn. Lubricating equipment, apparatus, and machinery. 301,321, Feb. 28, 1933. Republished Mar. 16. Class 23.

Greenfield Tap and Die Corporation, Greenfield, Mass. Twist drills. 279,452, Jan. 13, 1931. Republished Mar. 16. Class 23.

Greenfield Tap and Die Corporation, Greenfield, Mass. Taps. 344,065, Mar. 9, 1937. Republished Mar. 16. Class 23.

Guno Engineering Corporation, The: *See*—
Auto-Klean Strainers, Limited.

Hancock, Charles W., to The Coordinative Medicines Association, Inc., Indianapolis, Ind. Medicines. 219,242, renewed Oct. 12, 1946. O. G. Mar. 16. Class 6.

Harnischfeger Corporation, Milwaukee, Wis. Welding rods (electrodes). 340,335, Nov. 3, 1936. Republished Mar. 16. Class 14.

Harrison, Monroe, Chicago, Ill. Nonalcoholic, maltless beverage. 233,721, renewed Oct. 11, 1947. O. G. Mar. 16. Class 45.

Hartmann Company: *See*—
Hartmann Trunk Company.

Hartmann Trunk Company, by Hartmann Company, Racine, Wis. Suitcases, hat boxes, and wardrobe hand luggage. 296,886, Aug. 23, 1932. Republished Mar. 16. Class 3.

Hartmann Trunk Company, by Hartmann Company, Racine, Wis. Suitcases and wardrobe hand luggage. 329,965, Nov. 19, 1935. Republished Mar. 16. Class 3.

Hartmann Trunk Company, by Hartmann Company, Racine, Wis. Suitcases, trunks, luggage carriers, etc. 333,370, Mar. 17, 1936. Republished Mar. 16. Class 3.

Hartmann Trunk Company, by Hartmann Company, Racine, Wis. Suitcases, trunks, luggage carriers, etc. 333,400, Mar. 17, 1936. Republished Mar. 16. Class 3.

Hartmann Trunk Company, by Hartmann Company, Racine, Wis. Suitcases, hat boxes, and wardrobe hand luggage. 333,402, Mar. 17, 1936. Republished Mar. 16. Class 3.

Hartmann Trunk Company, by Hartmann Company, Racine, Wis. Suitcases, luggage carriers, and wardrobe hand luggage. 343,180, Feb. 9, 1937. Republished Mar. 16. Class 3.

Heberlein & Co., A. G., Wattwil, Switzerland. Soft-finish fabrics of cotton in the piece. 196,920, renewed Mar. 31, 1945. O. G. Mar. 16. Class 42.

Hewes & Potter, Inc., Boston, Mass. Suspenders. 241,753, renewed May 8, 1948. O. G. Mar. 16. Class 39.

Hewes & Potter, Inc., Boston, Mass. Garters. 241,803, renewed May 8, 1948. O. G. Mar. 16. Class 39.

Hillyard Chemical Company, St. Joseph, Mo. Disinfectant. 236,413, renewed Dec. 13, 1947. O. G. Mar. 16. Class 6.

Hillyard Chemical Company, St. Joseph, Mo. Insecticides. 238,253, renewed Jan. 31, 1948. O. G. Mar. 16. Class 6.

Hookless Fastener Company, by Talon, Inc., Meadville, Pa. Separable fasteners. 316,151, Aug. 14, 1934. Republished Mar. 16. Class 13.

Hookless Fastener Company, by Talon, Inc., Meadville, Pa. Chains of all descriptions. 319,009, Nov. 13, 1934. Republished Mar. 16. Class 13.

Hookless Fastener Company, by Talon, Inc., Meadville, Pa. Slide fasteners. 326,458, July 23, 1935. Republished Mar. 16. Class 13.

Horst, E. Clemens, Co., San Francisco, Calif. Hops. 320,406, Dec. 25, 1934. Republished Mar. 16. Class 1.

Hyde Manufacturing Company, Southbridge, Mass. Extension-blades, shoe-knives and tools. 67,784, re-renewed Feb. 18, 1948. O. G. Mar. 16. Class 23.

I. C. I. (General Chemicals) Limited: *See*—
Chance & Hunt, Ltd.

Imperial Chemical Industries, Limited: *See*—
British Dyestuffs Corporation, Ltd.

International Cellucotton Products Company: *See*—
Berkeley Company.
Kotex Company.
Veldown Company, Inc.

International Cellucotton Products Company, Chicago, Ill. Cleansing tissues. 327,633, Sept. 3, 1935. Republished Mar. 16. Class 37.

International Cellucotton Products Company, Chicago, Ill. Tampons. 329,193, Oct. 22, 1935. Republished Mar. 16. Class 44.

International Cellucotton Products Company, Chicago, Ill. Toilet paper. 335,574, June 9, 1936. Republished Mar. 16. Class 37.

International Cellucotton Products Company, Chicago, Ill. Analgesic tablets. 337,066, July 28, 1936. Republished Mar. 16. Class 6.

International Cellucotton Products Company, Chicago, Ill. Sanitary napkins. 341,480, Dec. 8, 1936. Republished Mar. 16. Class 44.

International Cellucotton Products Company, Chicago, Ill. Absorbent face cleansing sheets, made of paper. 341,884, Dec. 29, 1936. Republished Mar. 16. Class 37.

International Cellucotton Products Company, Chicago, Ill. Absorbent face cleansing sheets, made of paper. 344,672–3, Mar. 30, 1937. Republished Mar. 16. Class 37.

International Cellucotton Products Company, Chicago, Ill. Absorbent face cleansing sheets, made of paper. 344,680–3, Mar. 30, 1937. Republished Mar. 16. Class 37.

International Cellucotton Products Company, Chicago, Ill. Sanitary napkins. 345,287–8, Apr. 20, 1937. Republished Mar. 16. Class 44.

International Cellucotton Products Company, Chicago, Ill. Absorbent face cleansing sheets, made of paper. 345,728, May 4, 1937. Republished Mar. 16. Class 37.

International Cellucotton Products Company, Chicago, Ill. Absorbent face cleansing sheets, made of paper. 346,243, May 18, 1937. Republished Mar. 16. Class 37.

International Harvester Company, Chicago, Ill. Twine. 252,779, Feb. 12, 1929. Republished Mar. 16. Class 7.

International Harvester Company, Chicago, Ill. Milking machines and parts thereof. 342,352, Jan. 12, 1937. Republished Mar. 16. Class 23.

International Harvester Company, Chicago, Ill. Milking machines and parts thereof. 343,690–2, Mar. 2, 1937. Republished Mar. 16. Class 23.

Jam Handy Organization, Inc., The, Detroit, Mich. Slide film projectors, cabinets therefor and counter display units. 437,327, Mar. 16; Serial No. 509,426, published Dec. 2, 1947. Class 26.

Jenkins, George O., Company, Bridgewater, Mass. Fiberboard or leatherboard. 330,019, Nov. 19, 1935. Republished Mar. 16. Class 1.

Johnson, Carvell and Murphy, Los Angeles, Calif. Ant paste. 236,014, renewed Nov. 29, 1947. O. G. Mar. 16. Class 6.

Johnson, S. C., & Son, to S. C. Johnson & Son, Inc., Racine, Wis. Prepared wax in paste, powdered or liquid form. 241,695, renewed May 8, 1948. O. G. Mar. 16. Class 16.

Johnson, S. C., & Son, Inc.: *See*—
Johnson, S. C., & Son.

Jordan Marsh Company, Boston, Mass. Sateen blanket binding. 238,624, renewed Feb. 14, 1948. O. G. Mar. 16. Class 40.

Keasbey & Mattison Company, by Keasbey & Mattison Company (1934), Ambler, Pa. Insulation products. 303,096–7, May 9, 1933. Republished Mar. 16. Class 12.

Keasbey & Mattison Company, by Keasbey & Mattison Company (1934), Ambler, Pa. Asbestos boards, asbestos sheets, asbestos lumber, etc. 346,136, May 18, 1937. Republished Mar. 16. Class 12.

Keasbey & Mattison Company (1934): *See*—
Keasbey & Mattison Company.

Kessler, Ilse J., doing business as Eril Trading Company, New York, N. Y. Pens, pencils, fountain pens, etc. 437,348, Mar. 16; Serial No. 519,197, published Dec. 9, 1947. Class 37.

Kimberly-Clark Corporation, Neenah, Wis. Wood pulp insulating material in panels. 296,768, Aug. 23, 1932. Republished Mar. 16. Class 12.

Kimberly-Clark Corporation, Neenah, Wis. Book paper. 304,183, June 27, 1933. Republished Mar. 16. Class 37.

Kohnstamm, H., & Co., Inc., New York, N. Y. Heat resistant cover cloth. 437,335, Mar. 16; Serial No. 513,977, published Dec. 16, 1947. Class 42.

Kotex Company, assignor to International Cellucotton Products Company, Chicago, Ill., by International Cellucotton Products Company, Chicago, Ill. Sanitary napkins. 331,770, Jan. 21, 1936. Republished Mar. 16. Class 44.

Kotex Company, assignor to International Cellucotton Products Company, Chicago, Ill., by International Cellucotton Products Company, Chicago, Ill. Sanitary napkins. 331,904, Jan. 21, 1936. Republished Mar. 16. Class 44.

Lamont, Corliss & Company: *See*—
Société Generale Suisse de Chocolats.

Laubach Proprietary Medicines: *See*—
Laubach, Thomas F.

Laubach, Thomas F., New York, N. Y., to Laubach Propietary Medicines, Jersey City, N. J. Pills, tonics, salves, etc. 66,367, re-renewed Nov. 26, 1947. O. G. Mar. 16. Class 6.

Laucks, I. F., Inc., Seattle, Wash.; by Monsanto Chemical Company, St. Louis, Mo. Casein paints. 326,753, July 30, 1935. Republished Mar. 16. Class 16.

Laucks, I. F., Inc., Seattle, Wash., by Monsanto Chemical Company, St. Louis, Mo. Synthetic resins. 339,562, Oct. 13, 1936. Republished Mar. 16. Class 1.

Lea & Perrins, Worcester, England, to Lea & Perrins, Inc., New York, N. Y. Sauce. 68,150, re-renewed Mar. 10, 1948. O. G. Mar. 16. Class 46.

Lea & Perrins, Inc.: *See*—
Lea & Perrins.

Leick, William, Jackson Heights, N. Y. Stationery supplies. 437,353, Mar. 16; Serial No. 520,223, published Dec. 16, 1947. Class 37.

Leland Electric Company, The, Dayton, Ohio. Electric motors, electric generators, motor generators, etc. 437,357, Mar. 16; Serial No. 520,881, published Dec. 16, 1947. Class 21.

Levy, Moe, & Son, Inc., by Stuarts Clothes, Inc., New York, N. Y. Men's suits and overcoats. 327,143, Aug. 20, 1935. Republished Mar. 16. Class 39.

Lindquist, Robert J., Los Angeles, Calif. Therapeutic lamps. 340,113, Nov. 3, 1936. Republished Mar. 16. Class 44.

Lockheed Aircraft Corporation, Burbank, Calif. Aeroplanes and parts therefor. 319,956, Dec. 11, 1934. Republished Mar. 16. Class 19.

Lockheed Aircraft Corporation, Burbank, Calif. Aeroplanes and parts thereof. 320,151, Dec. 18, 1934. Republished Mar. 16. Class 19.

Long, Thomas N., doing business as Tulane Manufacturing Company, Columbus, Ohio. Gas-fired automatic poultry scalding vats. 437,408, Mar. 16. Class 34.

Lorna Watch Corporation, New York, N. Y. Radio receivers, radio transmitters, television receivers, etc. 437,322, Mar. 16; Serial No. 502,906, published Dec. 9, 1947. Class 21.

Lux Clock Manufacturing Company, The, Waterbury, Conn. Alarm clocks, and timers. 336,750, July 14, 1936. Republished Mar. 16. Class 27.

M. S. Aviation Co., Minneapolis, Minn. Portable electric forced air space heaters. 437,323, Mar. 16; Serial No. 505,114, published Dec. 16, 1947. Class 21.

Maginnis Cotton Mills: *See*—
Benjamin, E. V., Company, Inc., The.

Magnolia Metal Company, Elizabeth, N. J. Anti-friction metal. 340,894, Nov. 24, 1936. Republished Mar. 16. Class 14.

Marshall Asbestos Corporation, Troy, N. Y., by Bendix Aviation Corporation, Green Island, N. Y. Brake lining. 326,584, July 30, 1935. Republished Mar. 16. Class 35.

Marshall Field & Company: *See*—
Appleton Coated Paper Co., The.

Marshall Field & Company, Chicago, Ill., by Globe-Union Inc., Milwaukee, Wis. Roller skates. 324,717, May 28, 1935. Republished Mar. 16. Class 22.

Marshall Field & Company, Chicago, Ill. Candies. 330,694, Dec. 10, 1935. Republished Mar. 16. Class 46.

Marshall Field & Company, Chicago, Ill. Candies. 336,050, June 23, 1936. Republished Mar. 16. Class 46.

Marshall Field & Company, Chicago, Ill. Men's and boys' hats. 342,494, Jan. 19, 1937. Republished Mar. 16. Class 39.

Marshall Field & Company, Chicago, Ill. Women's hosiery and fabric gloves. 342,678, Jan. 26, 1937. Republished Mar. 16. Class 39.

Marshall Field & Company, Chicago, Ill. Women's and children's dresses. 345,443, Apr. 27, 1937. Republished Mar. 16. Class 39.

Mason Box Company, The, Attleboro, Mass. Paper, paper board, box board, and fiber shipping cartons and boxes. 322,767, Mar. 19, 1935. Republished Mar. 16. Class 2.

Masury-Young Company, Charlestown, Mass. Electric vacuum cleaners. 437,358, Mar. 16; Serial No. 520,956, published Dec. 9, 1947. Class 21.

Maya Associates, Inc., Providence, R. I. Fountain pens and pencils. 437,328, Mar. 16; Serial No. 509,859, published Dec. 2, 1947. Class 37.

McLaughlin, W. F., & Company, Chicago, Ill. Coffee. 65,709, re-renewed Oct. 15, 1947. O. G. Mar. 16. Class 46.

Miami Butterine Co., The, by The Miami Margarine Company, Cincinnati, Ohio. Margarine. 338,124, Sept. 1, 1936. Republished Mar. 16. Class 46.

Miami Margarine Company, The: *See*—
Miami Butterine Co., The.

Milford Shoe Company, Milford, Mass. Boots and shoes. 303,778, June 6, 1933. Republished Mar. 16. Class 39.

Milford Shoe Company, Milford, Mass. Boots and shoes. 327,745, Sept. 3, 1935. Republished Mar. 16. Class 39.

Milford Shoe Company, Milford, Mass. Boots and shoes. 336,385, July 7, 1936. Republished Mar. 16. Class 39.

Mini-Tishu Co., New York, N. Y. Facial tissue paper. 437,340, Mar. 16; Serial No. 516,301, published Dec. 2, 1947. Class 37.

Minneapolis Heat Regulator Co., by Minneapolis-Honeywell Regulator Company, Minneapolis 8, Minn. Temperature-operated electric stack switches. 231,891, Aug. 30, 1927. Republished Mar. 16. Class 21.

Minneapolis-Honeywell Regulator Company: *See*—
Minneapolis Heat Regulator Co.

Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Pressure responsive electrical control apparatus. 331,846, Jan. 21, 1936. Republished Mar. 16. Class 26.

Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic optical pyrometers. 342,365, Jan. 12, 1937. Republished Mar. 16. Class 26.

Monsanto Chemical Company: *See*—
Laucks, I. F., Inc.
Resinox Corporation.
Rubber Service Laboratories Company, The.

Monsanto Chemical Company, St. Louis, Mo. Sulphites. 319,212, Nov. 20, 1934. Republished Mar. 16. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Insecticides, germicides, bactericides, etc. 326,946, Aug. 13, 1935. Republished Mar. 16. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Chemical adjuvants. 343,822–3, Mar. 9, 1937. Republished Mar. 16. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Chemical compounds. 345,036, Apr. 13, 1937. Republished Mar. 16. Class 6.

Moore Business Forms, Inc.: *See*—
American Sales Book Company, Limited.

Mooresville Mills, Mooresville, N. C. Towels and for piece goods made of cotton, rayon, etc. 437,364, Mar. 16; Serial No. 522,241, published Dec. 16, 1947. Class 42.

Moosbrugger, Rudolph, Glenside, Pa., by The Procter & Gamble Company, Cincinnati, Ohio. Tooth powder. 341,517, Dec. 8, 1936. Republished Mar. 16. Class 6.

Morey, C. S., Mercantile Company, The, to The Morey Mercantile Company, Denver, Colo. Tea. 68,490, re-renewed Apr. 14, 1948. O. G. Mar. 16. Class 46.

Morey, C. S., Mercantile Company, The, to The Morey Mercantile Company, Denver, Colo. Spices. 68,642, re-renewed Apr. 21, 1948. O. G. Mar. 16. Class 46.

Morey Mercantile Company, The: *See*—
Morey, C. S., Mercantile Company, The.

Morley Button Manufacturing Company, The, Boston, Mass., The Morley Company, Portsmouth, N. H. Buttons. 31,769, July 5, 1898. Republished Mar. 16. Class 40.

Morley Company, The: *See*—
Morley Button Manufacturing Company.

National Carbon Company, Inc.: *See*—
Acheson Graphite Company.

National Carbon Company, Inc., New York, N. Y. Pillow covers, tablecloths, tablecloth covers, etc. 437,373, Mar. 16; Serial No. 525,374, published Dec. 9, 1947. Class 42.

National Cash Register Company, The, Dayton, Ohio. Cash and credit registering apparatus and their parts. 242,365, renewed May 22, 1948. O. G. Mar. 16. Class 26.

National Geographic Society, Washington, D. C. Periodical publications. 242,080, renewed May 15, 1948. O. G. Mar. 16. Class 38.

Newall Manufacturing Company, The, Chicago, Ill. Mainsprings for watches. 294,972, June 14, 1932. Republished Mar. 16. Class 27.

Newnan Cotton Mills, Newnan, Ga. Piece goods of spun nylon and nylon blended with wool, etc. 437,351, Mar. 16; Serial No. 520,114, published Dec. 16, 1947. Class 42.

Niles-Bement-Pond Company: *See*—
Pratt & Whitney Company.

Niles-Bement-Pond Company, West Hartford, Conn. Thread cutting dies. 339,044, Sept. 22, 1936. Republished Mar. 16. Class 23.

Niles-Bement-Pond Company, West Hartford, Conn. Metal cutting tools. 341,774, Dec. 22, 1936. Republished Mar. 16. Class 23.

Northrup, King & Co., Minneapolis, Minn. Field corn seed and sweet corn seed. 304,100, June 20, 1933. Republished Mar. 16. Class 1.

Norton Laboratories Inc., Lockport, N. Y. Radio tube bases, handles, and handle and cover parts, percolators, etc. 437,371, Mar. 16; Serial No. 524,885, published Dec. 9, 1947. Class 21.

Obermayer, S., Company, The, Chicago, Ill. Refractory concrete or plastic monolithic refractory. 322,560, Mar. 12, 1935. Republished Mar. 16. Class 12.

Ochs, A. C., Brick & Tile Co., Minneapolis, Minn. Diatomaceous earth. 277,710, Nov. 25, 1930. Republished Mar. 16. Class 1.

Okonite Company, The, Passaic, N. J. Insulated copper conductors. 437,325, Mar. 16; Serial No. 508,388, published July 1, 1947. Class 21.

Opisso, Robert M., doing business as The Rimac Company, New York, N. Y. Radio receiving sets. 437,405, Mar. 16. Class 21.

Owens-Illinois Glass Company, Toledo, Ohio. Glass building blocks. 338,094, Aug. 25, 1936. Republished Mar. 16. Class 12.

Paper Craft Corporation, The, Pittsburgh, Pa. Shelf paper and lining paper. 437,339, Mar. 16; Serial No. 516,212, published Dec. 2, 1947. Class 37.

Parfumerie Caron: *See*—
Daltroff, E., & Cie.

Parker-Kalon Corporation, New York, N. Y. Nails, drive screws, screw drive pins, etc. 296,996, Aug. 30, 1932. Republished Mar. 16. Class 13.

Parker-Kalon Corporation, New York, N. Y. Drive pins, screws, drive screws, etc. 321,744, Feb. 12, 1935. Republished Mar. 16. Class 13.

Parker Pen Company, The, Janesville, Wis. Fountain pens, mechanical pencils and desk sets. 308,418, Dec. 5, 1933. Republished Mar. 16. Class 37.

Parker Pen Company, The, Janesville, Wis. Fountain pens, mechanical pencils and desk sets. 339,429, Oct. 6, 1936. Republished Mar. 16. Class 37.

Pearlduck, Inc.: *See*—
Bresnick, Carl S.

Pepperell Manufacturing Company, Boston, Mass. Blankets. 437,372, Mar. 16; Serial No. 524,895, published Dec. 16, 1947. Class 42.

Peters Cartridge Company, The, Cincinnati, Ohio, to Remington Arms Company, Inc., Bridgeport, Conn. Ammunition. 68,209, re-renewed Mar. 17, 1948. O. G. Mar. 16. Class 9.

Phil-Maid, Inc.: *See*—
Bloom, Philip S., Co.

Pike, Willis, to Sun-Maid Raisin Growers of California, Fresno, Calif. Raisins and dried fruits. 68,785, re-renewed Apr. 28, 1948. O. G. Mar. 16. Class 46.

Pillsbury Flour Mills Company, by Pillsbury Mills, Inc., Minneapolis, Minn. Flour. 296,115, July 26, 1932. Republished Mar. 16. Class 46.

Pillsbury Mills, Inc.: *See*—
Pillsbury Flour Mills Company.

Pioneer Hatchery, Inc., The, Petaluma, Calif. Live baby chickens. 283,000, May 12, 1931. Republished Mar. 16. Class 46.

Pioneer Suspender Company, Philadelphia, Pa. Suspenders, garters, arm bands, etc. 277,669, Nov. 25, 1930. Republished Mar. 16. Class 39.

Pioneer Suspender Company, Philadelphia, Pa. Booklets. 325,258, June 18, 1935. Republished Mar. 16. Class 38.

Planters Nut & Chocolate Co., Wilkes-Barre, Pa., Suffolk, Va., and San Francisco, Calif., to Planters Nut & Chocolate Co., Wilkes-Barre, Pa. Candy. 231,636, renewed Aug. 23, 1947. O. G. Mar. 16. Class 46.

Potts Powder Company, The, Reynolds, Pa., and New York, N. Y., to Atlas Powder Company, Wilmington, Del. Gelatin dynamite. 68,556, re-renewed Apr. 14, 1948. O. G. Mar. 16. Class 9.

Pratt & Whitney Company, Hartford, by Niles-Bement-Pond Company, West Hartford, Conn. Dimensional gages. 295,015, June 14, 1932. Republished Mar. 16. Class 26.

Prentice, G. E., Manufacturing Company, Kensington, Conn. Slide operated fasteners. 346,854, June 8, 1937. Republished Mar. 16. Class 13.

Press Wireless Manufacturing Corporation, New York, N. Y. Transceivers, radio transmitters, radio receivers, etc. 437,352, Mar. 16; Serial No. 520,121, published Dec. 9, 1947. Class 21.

Price Electric Corporation, Frederick, Md. Magnetic controls, coaxial antenna transfer relays, etc. 437,356, Mar. 16; Serial No. 520,767, published Dec. 16, 1947. Class 21.

Procter & Gamble Company, The: *See*—
Carman & Co. Inc.
Moosbrugger, Rudolph.

Procter & Gamble Company, The, Cincinnati, Ohio. Shortenings. 304,824, July 18, 1933. Republished Mar. 16. Class 46.

Procter & Gamble Company, The, Cincinnati, Ohio. Red oil. 304,996, July 25, 1933. Republished Mar. 16. Class 6.

Procter & Gamble Company, The, Cincinnati, Ohio. Shortening. 324,562, May 21, 1935. Republished Mar. 16. Class 46.

Procter & Gamble Company, The, Cincinnati, Ohio. Toilet and bath soap. 338,614, Sept. 8, 1936. Republished Mar. 16. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Stearic acid. 340,702, Nov. 17, 1936. Republished Mar. 16. Class 6.

Procter & Gamble Company, The, Cincinnati, Ohio. Soap. 340,703, Nov. 17, 1936. Republished Mar. 16. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Copra vegetable concentrate. 341,810, Dec. 22, 1936. Republished Mar. 16. Class 46.

Publicker Incorporated, Philadelphia, Pa. Ethyl acetate, butyl acetate, amyl acetate, etc. 249,320, Nov. 13, 1928. Corrected. O. G. Mar. 16. Class 6.

Puhl, John, Products Company, The, Chicago, Ill. Ammonia. 326,467, July 23, 1935. Republished Mar. 16. Class 6.

Pure Oil Company, The, Chicago, Ill. Lubricating oils. 296,258, Aug. 2, 1932. Republished Mar. 16. Class 15.

Pure Oil Company, The, Chicago, Ill. Illuminating oils, motor fuel oils, lubricating oils, etc. 296,931, Aug. 23, 1932. Republished Mar. 16. Class 15.

Pure Oil Company, The, Chicago, Ill. Lubricating oils. 305,057, July 25, 1933. Republished Mar. 16. Class 15.

Ragland, Vivian, and Company, Philadelphia, Pa. Hairdressing and preparation. 236,872, renewed Dec. 27, 1947. O. G. Mar. 16. Class 6.

Red Jacket Coal Company, by Red Jacket Coal Sales Company, Columbus, Ohio. Coal. 331,745, Jan. 21, 1936. Republished Mar. 16. Class 1.

Red Jacket Coal Company, by Red Jacket Coal Sales Company, Columbus, Ohio. Coal. 332,304, Feb. 11, 1936. Republished Mar. 16. Class 1.

Red Jacket Coal Sales Company: *See*—
Red Jacket Coal Company.

Red Jacket Coal Sales Company, Columbus, Ohio. Coal. 344,420, Mar. 23, 1937. Republished Mar. 16. Class 1.

Remington Arms Company, Inc.: *See*—
Peters Cartridge Company, The.

Resinox Corporation, New York, N. Y., by Monsanto Chemical Company, St. Louis, Mo. Solutions of synthetic resins, molding compounds, etc. 296,945, Aug. 30, 1932. Republished Mar. 16. Class 6.

Richter, F. Ad., & Co. Inc.: *See*—
Richter, Friedrich A.

Richter, Friedrich A., New York, N. Y., and Rudolstadt, Germany, to F. Ad. Richter & Co. Inc., Brooklyn, N. Y. Embrocation preparations, extracts of sarsaparilla, etc. 68,934, re-renewed May 5, 1948. O. G. Mar. 16. Class 6.

Rifkin, William, & Sons, Philadelphia, Pa. Piece goods of rayon; cotton, and rayon and cotton mixture fabrics. 437,346, Mar. 16; Serial No. 518,444, published Dec. 16, 1947. Class 42.

Rimac Company, The: *See*—
Opisso, Robert M.

Risch, Katherine M., St. Louis, Mo. Cleaning fluid. 252,095, Jan. 22, 1929. Republished Mar. 16. Class 4.

Ritter, W. M., Lumber Company, Columbus, Ohio. Oak flooring. 332,256, Feb. 4, 1936. Republished Mar. 16. Class 12.

Robbins & Myers, Inc., Springfield, Ohio. Electric hoists, hand hoists, cranes, etc. 332,117, Feb. 4, 1936. Republished Mar. 16. Class 23.

Robinson, William W., Jr., Hollywood, Calif. Medical instrument which is an electrical device. 437,411, Mar. 16. Class 44.

Rosenberg Brothers & Co., to Fashion Park, Inc., Rochester, N. Y. Men's and boys' coats, pants, vests, and overcoats. 241,219, renewed Apr. 17, 1948. O. G. Mar. 16. Class 39.

Rubber Service Laboratories Company, The, Akron, Ohio, by Monsanto Chemical Company, St. Louis, Mo. Chemical compounds. 332,624, Feb. 18, 1936. Republished Mar. 16. Class 6.

St. Anthony Machine Products Co., Minneapolis, Minn. Portable electric winches. 437,360, Mar. 16; Serial No. 521,094, published Dec. 9, 1947. Class 21.

Scolam Trading Corp., New York, N. Y. Radio receiving sets. 437,350, Mar. 16; Serial No. 519,987, published Dec. 9, 1947. Class 21.

Scottish Crofter-Weavers Limited, Aberdeen, Scotland. Woolen textile piece goods. 437,367, Mar. 16; Serial No. 523,227, published Dec. 16, 1947. Class 42.

Seaman Paper Company, Chicago, Ill. Thermal and sound insulating paper and board. 328,934, Oct. 8, 1935. Republished Mar. 16. Class 12.

Segelman, Jacob P., & Company, Detroit, Mich., to Gillette Safety Razor Company, Boston, Mass. Razor blades. 231,853, renewed Aug. 30, 1947. O. G. Mar. 16. Class 23.

Sengbusch Self-Closing Inkstand Company, Milwaukee, Wis. Writing pens, and desk sets. 344,857, Apr. 6, 1937. Republished Mar. 16. Class 37.

Sheaffer, W. A., Pen Company, Fort Madison, Iowa. Pens, pencils, and desk stands. 226,426, renewed Jan. 5, 1948. O. G. Mar. 16. Class 37.

Siedenburg, Henry, to Bijou Hosiery Mills, Inc., New York, N. Y. Hosiery. 238,807, renewed Feb. 14, 1948. O. G. Mar. 16. Class 39.

Sindler, Jay J., by Spir-It, Inc., Malden, Mass. Key retainers. 331,795, Jan. 21, 1936. Republished Mar. 16. Class 3.

Société Generale Suisse de Chocolats, Vevey, Switzerland, to Lamont, Corliss & Company, New York, N. Y. Chocolate. 67,572, re-renewed Feb. 11, 1948. O. G. Mar. 16. Class 46.

Society Brand Clothes, Inc., Chicago, Ill. Woolen piece goods. 437,341, Mar. 16; Serial No. 517,595, published Dec. 9, 1947. Class 42.

Solar Electric Corporation, Warren, Pa. Electric fixture wire nuts. 437,407, Mar. 16. Class 21.

Southwestern Milling Co., Inc., The, New York, N. Y., by Standard Milling Company, Chicago, Ill. Wheat flour. 232,724, Sept. 13, 1927. Republished Mar. 16. Class 46.

Spaulding-Moss Company, Boston, Mass. Tracing paper and drawing paper. 328,117, Sept. 17, 1935. Republished Mar. 16. Class 37.

Specialities Appliance Corporation, Chicago, Ill. Cookers for the cooking and preparing of food. 437,409, Mar. 16. Class 34.

Spir-It, Inc.: *See*—
Sindler, Jay J.

Standard Milling Company: *See*—
Southwestern Milling Co., Inc., The.

Standard Milling Company, New York, N. Y., by Standard Milling Company, Chicago, Ill. Wheat flour. 322,991, Mar. 26, 1935. Republished Mar. 16. Class 46.

Standard Oil Company of California, Wilmington, Del., and San Francisco, Calif., to Standard Oil Company of California, San Francisco, Calif. Gasoline. 237,260, renewed Jan. 3, 1948. O. G. Mar. 16. Class 15.

Stix, Baer & Fuller Co., St. Louis, Mo. Men's and boys' wearing apparel. 242,820, renewed June 5, 1948. O. G. Mar. 16. Class 39.

Stratford Pen Corporation, New York, N. Y. Fountain pens. 437,349, Mar. 16; Serial No. 519,841, published Dec. 9, 1947. Class 37.

Strauss, Levi, & Company, San Francisco, Calif. Dress-shirts, overshirts, nightshirts, pajamas, etc. 68,673, re-renewed Apr. 21, 1948. O. G. Mar. 16. Class 39.

Strohmeyer & Arpe Company, New York, N. Y. Olive oil. 319,548, Nov. 27, 1934. Republished Mar. 16. Class 46.

Strohmeyer & Arpe Company, New York, N. Y. Cognac and creme de menthe. 320,197, Dec. 18, 1934. Republished Mar. 16. Class 49.

Strohmeyer & Arpe Company, New York, N. Y. Wine. 320,290, Dec. 25, 1934. Republished Mar. 16. Class 47.

Strohmeyer & Arpe Company, New York, N. Y. Blended whiskey, American whiskey, etc. 324,878, June 4, 1935. Republished Mar. 16. Class 49.

Strohmeyer & Arpe Company, New York, N. Y. Olive oil. 326,833, Aug. 6, 1935. Republished Mar. 16. Class 46.

Stuarts Clothes, Inc.: *See*—
Levy, Moe, & Son, Inc.

Sun-Maid Raisin Growers of California: *See*—
Pike, Willis.

Sun-Maid Raisin Growers of California, Fresno, Calif. Dried raisins. 235,744, renewed Nov. 22, 1947. O. G. Mar. 16. Class 46.

Sutton, Eunice S., Brooklyn, N. Y. Washcloths and dish cloths. 437,354, Mar. 16; Serial No. 520,238, published Dec. 16, 1947. Class 42.

Swan, C. C., Kansas City, Mo. Preparation for use in treating stomach and liver troubles. 239,041, renewed Feb. 21, 1948. O. G. Mar. 16. Class 6.

Talon, Inc.: *See*—
Hookless Fastener Company.

Tech Laboratories: *See*—
Bjorndal, Magnus.

Thermo Mills, Inc., Hudson, N. Y., to Worcester Knitting Company, Worcester, Mass. Gloves, stockings, socks, etc. 241,206, renewed Apr. 17, 1948. O. G. Mar. 16. Class 39.

Thomas, M. & W., Co., New York, N. Y. Silk, rayon, woolen, etc., piece goods. 437,324, Mar. 16; Serial No. 505,706, published July 22, 1947. Class 42.

Tong, George C., St. Louis, Mo. Electric heating pads. 437,331, Mar. 16; Serial No. 511,118, published Dec. 9, 1947. Class 21.

Tulane Manufacturing Company: *See*—
Long, Thomas N.

Unique Costume, Inc., Washingtonville, N. Y. Crepe paper costumes. 437,336, Mar. 16; Serial No. 514,153, published Nov. 18, 1947. Class 39.

United States Gauge Division of American Machine and Metals, Inc., Sellersville, Pa. Aircraft instruments. 437,330, Mar. 16; Serial No. 510,456, published Dec. 9, 1947. Class 26.

United States Rubber Company, New Brunswick, N. J., and New York, N. Y., to United States Rubber Company, New York, N. Y. Boots and shoes. 235,568, renewed Nov. 22, 1947. O. G. Mar. 16. Class 39.

United States Shoe Corporation, The, Cincinnati, Ohio. Shoes. 338,608, Sept. 8, 1936. Republished Mar. 16. Class 39.

Universal Ball-O-Matic Corporation, Brooklyn, N. Y. Fountain pens. 437,361, Mar. 16; Serial No. 521,161, published Dec. 9, 1947. Class 37.

Universal Fountain Pen & Pencil Co., New York, N. Y. Ball-pointed fountain pens. 437,333, Mar. 16; Serial No. 512,218, published Dec. 9, 1947. Class 37.

Untermeyer, Robbins & Company, New York, N. Y. Finger rings. 241,763, renewed May 8, 1948. O. G. Mar. 16. Class 28.

Vaughn Machinery Company, Cuyahoga Falls, Ohio. Wire drawing machines and parts thereof and accessories therefor. 341,589, Dec. 15, 1936. Republished Mar. 16. Class 23.

Veldown Company, Inc., New York, N. Y., by International Cellucotton Products Company, Chicago, Ill. Catamenial napkins. 315,710, Aug. 7, 1934. Republished Mar. 16. Class 44.
Vogue Rubber Company, Chicago, Ill. Automobile tires and tubes. 346,494, June 1, 1937. Republished Mar. 16. Class 35.
Wallace & Tiernan Products, Inc., Belleville, N. J. Ointments having antimycotic or fungicidal properties. 434,395, Nov. 18, 1947. Corrected. O. G. Mar. 16. Class 6.
Wallerstein Company, Inc., New York, N. Y. Caramel sugar color. 235,773, renewed Nov. 22, 1947. O. G. Mar. 16. Class 6.
Walther Manufacturing Company, Incorporated, Philadelphia, Pa. Woolen and worsted fabrics in the piece. 437,319, Mar. 16; Serial No. 500,591, published Dec. 9, 1947. Class 42.
Warner, William R., & Co., Inc., New York, N. Y. Vehicle or solvent for use with an injectable physiologically active agent. 437,410, Mar. 16. Class 6.
Washington Manufacturing Company: *See*—
Benjamin, E. V., Company, Inc., The.
Watson-Park Company, Boston, Mass. Various chemical preparations. 277,935, Dec. 2, 1930. Republished Mar. 16. Class 6.
Wells, S. C., & Co.: *See*—
Brown Medicine Company, The.
Western Tablet & Stationery Corporation, Dayton, Ohio. Loose writing paper. 437,374, Mar. 16; Serial No. 526,002, published Dec. 2, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets. 437,375, Mar. 16; Serial No. 526,003, published Dec. 2, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets and loose writing paper. 437,376, Mar. 16; Serial No. 526,007, published Dec. 2, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets. 437,377, Mar. 16; Serial No. 526,008, published Dec. 2, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Papeteries. 437,378, Mar. 16; Serial No. 526,010, published Dec. 2, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Papeteries. 437,379, Mar. 16; Serial No. 526,014, published Dec. 2, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets. 437,380, Mar. 16; Serial No. 526,016, published Dec. 2, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets, and papeteries. 437,381, Mar. 16; Serial No. 526,018, published Dec. 2, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Papeteries. 437,382, Mar. 16; Serial No. 526,025, published Dec. 9, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Loose writing paper. 437,383, Mar. 16; Serial No. 526,030, published Dec. 9, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Papeteries. 437,384, Mar. 16; Serial No. 526,034, published Dec. 9, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets, and papeteries. 437,385, Mar. 16; Serial No. 526,039, published Dec. 2, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets. 437,386, Mar. 16; Serial No. 526,047, published Dec. 2, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets. 437,387, Mar. 16; Serial No. 526,052, published Dec. 9, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Papeteries. 437,388, Mar. 16; Serial No. 526,053, published Dec. 9, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets, and loose writing paper. 437,389, Mar. 16; Serial No. 526,054, published Dec. 9, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets. 437,390, Mar. 16; Serial No. 526,056, published Dec. 9, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets. 437,391, Mar. 16; Serial No. 526,063, published Dec. 9, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets, and loose writing paper. 437,392, Mar. 16; Serial No. 526,065, published Dec. 9, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets. 437,393, Mar. 16; Serial No. 526,066, published Dec. 9, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Loose writing paper. 437,394, Mar. 16; Serial No. 526,073, published Dec. 9, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Loose writing paper. 437,395, Mar. 16; Serial No. 526,076, published Dec. 9, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets; papeteries. 437,396, Mar. 16; Serial No. 526,077, published Dec. 9, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets. 437,397, Mar. 16; Serial No. 526,081, published Dec. 9, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets and envelopes. 437,398, Mar. 16; Serial No. 526,099, published Dec. 2, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets and paper packets or folders for loose paper. 437,399, Mar. 16; Serial No. 526,106, published Dec. 2, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets and loose writing paper. 437,400–2, Mar. 16; Serial Nos. 526,153–5, published Dec. 16, 1947. Class 37.
Weston, Byron, Company, Dalton, Mass. Writing paper. 437,343, Mar. 16; Serial No. 517,957, published Dec. 16, 1947. Class 37.
White, H. N., Company, The, Cleveland, Ohio. Musical instruments. 325,334, June 18, 1935. Republished Mar. 16. Class 36.
Wilbur, H. O., & Sons, Philadelphia, to Wilbur-Suchard Chocolate Company, Inc., Lititz, Pa. Chocolate and cocoa. 69,053, re-renewed May 19, 1948. O. G. Mar. 16. Class 46.
Wilbur-Suchard Chocolate Company, Inc.: *See*—
Wilbur, H. O., & Sons.
Wilkening Manufacturing Company, Philadelphia, Pa. Piston rings. 281,073, Mar. 10, 1931. Republished Mar. 16. Class 35.
Woolson Spice Company, The, Toledo, Ohio. Spices. 67,170, re-renewed Jan. 21, 1948. O. G. Mar. 16. Class 46.
Worcester Knitting Company: *See*—
Thermo Mills, Inc.
Young, Alexander, Distilling Co., Philadelphia, Pa. Whiskey. 331,782, Jan. 21, 1936. Republished Mar. 16. Class 49.
Young, Sverre, Christiania, to Sverre Young, Oslo, Norway. Knapsacks, baggage and luggage devices, etc. 173,139, renewed Sept. 18, 1943. O. G. Mar. 16. Class 3.
Young, Sverre, Christiania, to Sverre Young, Oslo, Norway. Knapsacks, baggage and luggage devices, etc. 173,141, renewed Sept. 18, 1943. O. G. Mar. 16. Class 3.
Younghusband, James L., Chicago, Ill. Lipsticks, rouge, face powder, etc. 325,518, June 25, 1935. Republished Mar. 16. Class 6.
Zenith Radio Corporation, Chicago, Ill. Electron tubes. 437,370, Mar. 16; Serial No. 524,844, published Dec. 9, 1947. Class 21.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Clay, Prepared. Denver Fire Clay Company. 239,739, renewed Mar. 13, 1948. O. G. Mar. 16.
Coal. Red Jacket Coal Company. 331,745, Jan. 21, 1936. Republished Mar. 16.
Coal. Red Jacket Coal Company. 332,304, Feb. 11, 1936. Republished Mar. 16.
Coal. Red Jacket Coal Sales Company. 344,420, Mar. 23, 1937. Republished Mar. 16.
Earth, Diatomaceous. A. C. Ochs Brick & Tile Co. 277,710, Nov. 25, 1930. Republished Mar. 16.
Fiber-board or leatherboard. George O. Jenkins Company. 330,019, Nov. 19, 1935. Republished Mar. 16.
Hops. E. Clemens Horst Co. 320,406, Dec. 25, 1934. Republished Mar. 16.
Leather. Eagle-Ottawa Leather Company. 437,412, Mar. 16.
Leather, Sole. American Oak Leather Company. 301,371, Feb. 28, 1933. Republished Mar. 16.
Resins, Synthetic. I. F. Laucks, Inc. 339,562, Oct. 13, 1936. Republished Mar. 16.
Seed and sweet corn seed, Field corn. Northrup, King & Co. 304,100, June 20, 1933. Republished Mar. 16.

CLASS 2

Paper, paper board, box board, and fiber shipping, cartons and boxes. Mason Box Company. 322,767, Mar. 19, 1935. Republished Mar. 16.

CLASS 3

Holders, Identification tag. A. D. Cohn. 437,344, Mar. 16; Serial No. 518,133, published Dec. 23, 1947.
Key retainers. J. J. Sindler. 331,795, Jan. 21, 1936. Republished Mar. 16.
Knapsacks, baggage and luggage devices, etc. S. Young. 173,139, renewed Sept. 18, 1943. O. G. Mar. 16.
Knapsacks, baggage and luggage devices, etc. S. Young. 173,141, renewed Sept. 18, 1943. O. G. Mar. 16.

Suitcases and wardrobe hand luggage. Hartmann Trunk Company. 329,965, Nov. 19, 1935. Republished Mar. 16.
Suitcases, hat boxes, and wardrobe hand luggage. Hartmann Trunk Company. 296,886, Aug. 23, 1932. Republished Mar. 16.
Suitcases, hat boxes, and wardrobe hand luggage. Hartmann Trunk Company. 333,402, Mar. 17, 1936. Republished Mar. 16.
Suitcases, luggage carriers, and wardrobe hand luggage. Hartmann Trunk Company. 343,180, Feb. 9, 1937. Republished Mar. 16.
Suitcases, trunks, luggage carriers, etc. Hartmann Trunk Company. 333,370, Mar. 17, 1936. Republished Mar. 16.
Suitcases, trunks, luggage carriers, etc. Hartmann Trunk Company. 333,400, Mar. 17, 1936. Republished Mar. 16.

CLASS 4

Cleaning fluid. K. M. Risch. 252,095, Jan. 22, 1929. Republished Mar. 16.
Detergents. American Disinfecting Company. 301,520, Mar. 7, 1933. Republished Mar. 16.
Soap. Carman & Co. Inc. 326,653, July 30, 1935. Republished Mar. 16.
Soap. Procter & Gamble Company. 340,703, Nov. 17, 1936. Republished Mar. 16.
Soap, Dry cleaning. Davies-Young Soap Company. 295,142, June 21, 1932. Republished Mar. 16.
Soap, Liquid dry cleaning. Davies-Young Soap Company. 295,143–4, June 21, 1932. Republished Mar. 16.
Soap, Liquid glove-cleaning. Davies-Young Soap Company. 279,221, Jan. 13, 1931. Republished Mar. 16.
Soap soluble in gasoline, Liquid. American Disinfecting Company. 279,289, Jan. 13, 1931. Republished Mar. 16.
Soap, Toilet and bath. Procter & Gamble Company. 338,614, Sept. 8, 1936. Republished Mar. 16.
Soaps, cleaning, scouring, and polishing wads, etc. Brillo Manufacturing Company, Inc. 236,478, renewed Dec. 13, 1947. O. G. Mar. 16.
Spotting solution, Liquid. Davies-Young Soap Company. 333,553, Mar. 24, 1936. Republished Mar. 16.

CLASS 6

Acid, Stearic. Procter & Gamble Company. 340,702, Nov. 17, 1936. Republished Mar. 16.
Ammonia. John Puhl Products Company. 326,467, July 23, 1935. Republished Mar. 16.
Analgesic tablets. International Cellucotton Products Company. 337,066, July 28, 1936. Republished Mar. 16.
Ant paste. Johnson, Carvell and Murphy. 236,014, renewed Nov. 29, 1947. O. G. Mar. 16.
Astringents, skin lotions, after shaving lotions, etc. Campana Corporation. 311,244, Mar. 20, 1934. Republished Mar. 16.
Chemical adjuvants. Monsanto Chemical Company. 343,822–3, Mar. 9, 1937. Republished Mar. 16.
Chemical compounds. Monsanto Chemical Company. 345,036, Apr. 13, 1937. Republished Mar. 16.
Chemical compounds. Rubber Service Laboratories Company. 332,624, Feb. 18, 1936. Republished Mar. 16.
Chemical preparations, Various. Watson-Park Company. 277,935, Dec. 2, 1930. Republished Mar. 16.
Chemical substances. British Dyestuffs Corporation, Ltd. 235,605, renewed Nov. 22, 1947. O. G. Mar. 16.
Color, Caramel sugar. Wallerstein Company, Inc. 235,773, renewed Nov. 22, 1947. O. G. Mar. 16.
Disinfectant. Hillyard Chemical Company. 236,413, renewed Dec. 13, 1947. O. G. Mar. 16.
Embrocation preparations, extracts of sarsaparilla, etc. F. A. Richter. 68,934, re-renewed May 5, 1948. O. G. Mar. 16.
Ethyl acetate, butyl acetate, amyl acetate, etc. Publicker Incorporated. 249,320, Nov. 13, 1928. Corrected. O. G. Mar. 16.
Hairdressing and preparation. Vivian Ragland and Company. 236,872, renewed Dec. 27, 1947. O. G. Mar. 16.
Incense. S. C. Ghose. 291,387, Feb. 9, 1932. Republished Mar. 16.
Incense. S. C. Ghose. 500,010, Mar. 16.
Insecticides. Hillyard Chemical Company. 238,253, renewed Jan. 31, 1948. O. G. Mar. 16.
Insecticides, germicides, bactericides, etc. Monsanto Chemical Company. 326,946, Aug. 13, 1935. Republished Mar. 16.
Lipstick, rouge, face powder, etc., Anti-perspirant. Associated Distributors, Inc. 343,897, Mar. 9, 1937. Republished Mar. 16.
Lipsticks, rouge, face powder, etc. J. L. Younghusband. 325,518, June 25, 1935. Republished Mar. 16.
Medicines. C. W. Hancock. 219,242, renewed Oct. 12, 1946. O. G. Mar. 16.
Mosquito immunizing agent. G. M. Broemmel. 329,471, Oct. 29, 1935. Republished Mar. 16.
Ointments having antimycotic or fungicidal properties. Wallace & Tiernan Products, Inc. 434,395, Nov. 18, 1947. Corrected. O. G. Mar. 16.
Perfume, toilet water. E. Daltroff & Cie. 320,644, Jan. 1, 1935. Republished Mar. 16.
Pills, tonics, salves, etc. T. F. Laubach. 66,367, re-renewed Nov. 26, 1947. O. G. Mar. 16.
Powder, Tooth. R. Moosbrugger. 341,517, Dec. 8, 1936. Republished Mar. 16.
Preparation for the treatment of water. Acme Chemical Company. 322,889, Mar. 26, 1935. Republished Mar. 16.
Preparation for use in treating stomach and liver troubles. C. C. Swan. 239,041, renewed Feb. 21, 1948. O. G. Mar. 16.
Red oil. Procter & Gamble Company. 304,996, July 25, 1933. Republished Mar. 16.
Remedy for colds, throat affections, and internal and external pains. Brown Medicine Company. 31,292, re-renewed Feb. 22, 1948. O. G. Mar. 16.
Resins, molding compounds, etc., Solution of synthetic. Resinox Corporation. 296,945, Aug. 30, 1932. Republished Mar. 16.
Rouge. E. Daltroff & Cie. 339,666, Oct. 13, 1936. Republished Mar. 16.
Rouge. E. Daltroff & Cie. 343,827, Mar. 9, 1937. Republished Mar. 16.
Soda, Caustic. Chance & Hunt, Ld. 66,212, re-renewed Nov. 19, 1947. O. G. Mar. 16.
Sulphites. Monsanto Chemical Company. 319,212, Nov. 20, 1934. Republished Mar. 16.
Toilet preparation. Campana Corporation. 322,065, Feb. 26, 1935. Republished Mar. 16.
Vehicle or solvent for use with an injectable physiologically active agent. William R. Warner & Co., Inc. 437,410, Mar. 16.
Water-softening material. Arizona Minerals Corporation. 278,708, Dec. 30, 1930. Republished Mar. 16.

CLASS 7

Twine. International Harvester Company. 252,779, Feb. 12, 1929. Republished Mar. 16.

CLASS 9

Ammunition. Peters Cartridge Company. 68,209, re-renewed Mar. 17, 1948. O. G. Mar. 16.
Dynamite, Gelatin. Potts Powder Company. 68,556, re-renewed Apr. 14, 1948. O. G. Mar. 16.

CLASS 11

Inking ribbons. Burroughs Adding Machine Company. 333,341, Mar. 17, 1936. Republished Mar. 16.
Inking ribbons. Burroughs Adding Machine Company. 335,607, June 9, 1936. Republished Mar. 16.

CLASS 12

Boards, asbestos sheets, asbestos lumber, etc., Asbestos. Keasbey & Mattison Company. 346,136, May 18, 1937. Republished Mar. 16.
Brick and fire clay tile and high-temperature cement or mortar, Fire. Denver Fire Clay Company. 240,656, renewed Apr. 3, 1948. O. G. Mar. 16.
Brick and fire-clay tile, Fire. Denver Fire Clay Company. 240,711–12, renewed Apr. 3, 1948. O. G. Mar. 16.
Building blocks, Glass. Owens-Illinois Glass Company. 338,094, Aug. 25, 1936. Republished Mar. 16.
Cement or mortar, Refractory. Denver Fire Clay Company. 239,740, renewed Mar. 13, 1948. O. G. Mar. 16.
Flooring, Oak. W. M. Ritter Lumber Company. 332,256, Feb. 4, 1936. Republished Mar. 16.
Insulating material in panels, Wood pulp. Kimberly-Clark Corporation. 296,768, Aug. 23, 1932. Republished Mar. 16.
Insulating paper and board, Thermal and sound. Seaman Paper Company. 328,934, Oct. 8, 1935. Republished Mar. 16.
Insulation products. Keasbey & Mattison Company. 303,096–7, May 9, 1933. Republished Mar. 16.
Leak-sealing compound, Plastic. Furmanite Corporation. 231,409, renewed Aug. 16, 1947. O. G. Mar. 16.
Refractory concrete or plastic monolithic refractory. S. Obermayer Co. 322,560, Mar. 12, 1935. Republished Mar. 16.

CLASS 13

Caster wheels, Furniture. Bassick Company. 346,392, May 25, 1937. Republished Mar. 16.
Casters and slides, metal drawer pulls, etc., Furniture. Bassick Company. 346,203, May 18, 1937. Republished Mar. 16.
Casters, Furniture. Bassick Company. 346,202, May 18, 1937. Republished Mar. 16.
Casters, Furniture. Bassick Company. 346,206–9, May 18, 1937. Republished Mar. 16.
Chains for the transmission of power. Diamond Chain and Manufacturing Company. 338,535, Sept. 8, 1936. Republished Mar. 16.
Chains of all descriptions. Hookless Fastener Company. 319,009, Nov. 13, 1934. Republished Mar. 16.
Enameled ware. Columbian Enameling & Stamping Co. 295,023, June 14, 1932. Republished Mar. 16.
Fasteners, Separable. Hookless Fastener Company. 316,151, Aug. 14, 1934. Republished Mar. 16.
Fasteners, Slide. Hookless Fastener Company. 326,458, July 23, 1935. Republished Mar. 16.

Fasteners, Slide operated. G. E. Prentice Manufacturing Company. 346,854, June 8, 1937. Republished Mar. 16.
Handle, Radiator. Chicago Specialty Mfg. Co. 340,196, Nov. 3, 1936. Republished Mar. 16.
Hardware, Chair. Bassick Company. 346,210, May 18, 1937. Republished Mar. 16.
Horseshoe-nails. Capewell Horse Nail Company. 67,010, re-renewed Jan. 14, 1948. O. G. Mar. 16.
Iron flumes, inverted siphons, storm drains, etc. California Corrugated Culvert Co. 111,995, Aug. 15, 1916. Republished Mar. 16.
Nails, drive screws, screw drive pins, etc. Parker-Kalon Corporation. 296,096, Aug. 30, 1932. Republished Mar. 16.
Pins, screws, drive screws, etc., Drive. Parker-Kalon Corporation. 321,744, Feb. 12, 1935. Republished Mar. 16.

CLASS 14

Metal, Anti-friction. Magnolia Metal Company. 340,894, Nov. 24, 1936. Republished Mar. 16.
Welding rods (electrodes). Harnischfeger Corporation. 340,335, Nov. 3, 1936. Republished Mar. 16.

CLASS 15

Gasoline. Standard Oil Company of California. 237,260, renewed Jan. 3, 1948. O. G. Mar. 16.
Oils, Lubricating. Pure Oil Company. 296,258, Aug. 2, 1932. Republished Mar. 16.
Oils, Lubricating. Pure Oil Company. 305,057, July 25, 1933. Republished Mar. 16.
Oils, motor fuel oils, lubricating oils, etc., Illuminating. Pure Oil Company. 296,931, Aug. 23, 1932. Republished Mar. 16.

CLASS 16

Floor dressing. American Disinfecting Company. 278,149, Dec. 9, 1930. Republished Mar. 16.
Paints, Casein. I. F. Laucks, Inc. 326,753, July 30, 1935. Republished Mar. 16.
Wax in paste, powdered, or liquid form, Prepared. S. C. Johnson & Son. 241,695, renewed May 8, 1948. O. G. Mar. 16.
Wax preparation, Liquid. American Disinfecting Company. 302,385, Apr. 18, 1933. Republished Mar. 16.
Wax, Prepared liquid. Davies-Young Soap Company. 293,103, Apr. 12, 1932. Republished Mar. 16.

CLASS 19

Aeroplanes and parts therefor. Lockheed Aircraft Corporation. 319,956, Dec. 11, 1934. Republished Mar. 16.
Aeroplanes and parts thereof. Lockheed Aircraft Corporation. 320,151, Dec. 18, 1934. Republished Mar. 16.
Struts, Shock. Bendix Aviation Corporation. 296,592, Aug. 16, 1932. Republished Mar. 16.

CLASS 21

Conductors, Insulated copper. Okonite Company. 437,325, Mar. 16; Serial No. 508,388, published July 1, 1947.
Cores for transformer and coil windings. Henry L. Crowley & Co., Inc. 339,776, Oct. 20, 1936. Republished Mar. 16.
Electrical appliances. Burroughs Adding Machine Company. 333,110, Mar. 10, 1936. Republished Mar. 16.
Electrical connectors. Albert & J. M. Anderson Manufacturing Company. 437,320, Mar. 16; Serial No. 501,303, published Dec. 9, 1947.
Electrical current controlling devices. Erie Resistor Corporation. 346,828, June 8, 1937. Republished Mar. 16.
Electrodes, anodes, and carbon brushes. Acheson Graphite Company. 144,982, renewed Jan. 5, 1948. O. G. Mar. 16.
Electron tubes. Zenith Radio Corporation. 437,370, Mar. 16; Serial No. 524,844, published Dec. 9, 1947.
Fixture wire nuts, Electric. Solar Electric Corporation. 437,407, Mar. 16.
Heaters, Electric hot water. W. B. Ford. 437,332, Mar. 16; Serial No. 511,605, published Dec. 16, 1947.
Heaters, Portable electric forced air space. M. S. Aviation Co. 437,323, Mar. 16; Serial No. 505,114, published Dec. 16, 1947.
Loudspeakers. Carbonneau Industries. 437,338, Mar. 16; Serial No. 515,536, published Dec. 16, 1947.
Magnet-wires. Belden Manufacturing Company. 320,629, Jan. 1, 1935. Republished Mar. 16.
Magnetic controls, coaxial antenna, transfer relays, etc. Price Electric Corporation. 437,356, Mar. 16; Serial No. 520,767, published Dec. 16, 1947.
Motors, electric generators, motor generators, etc., Electric. Leland Electric Company. 437,357, Mar. 16; Serial No. 520,881, published Dec. 16, 1947.
Pads, Electric heating. G. C. Tong. 437,331, Mar. 16; Serial No. 511,118, published Dec. 9, 1947.
Phonographs, and radio and phonograph combinations, Electric. Bell Sound Systems, Inc. 437,366, Mar. 16; Serial No. 522,821, published Dec. 9, 1947.
Radio receivers. Atlas Supply Company. 437,355, Mar. 16; Serial No. 520,676, published Dec. 16, 1947.
Radio receivers and electrical phonographs, and electric ranges. AVCO Manufacturing Corporation. 437,363, Mar. 16; Serial No. 521,626, published Dec. 9, 1947.
Radio receivers, radio transmitters, television receivers, etc. Lorna Watch Corporation. 437,322, Mar. 16; Serial No. 502,906, published Dec. 9, 1947.
Radio receiving sets. R. M. Opisso. 437,405, Mar. 16.
Radio receiving sets. Scolam Trading Corp. 437,350, Mar. 16; Serial No. 519,987, published Dec. 9, 1947.
Radio transmitting and receiving instruments and parts. Magnus Bjorndal. 437,403, Mar. 16.
Radio tube bases, handles, and handles and cover parts, percolators, etc. Norton Laboratories, Inc. 437,371, Mar. 16; Serial No. 524,885, published Dec. 9, 1947.
Switches, Safety. D. & R. Mfg. Co. 437,326, Mar. 16; Serial No. 509,142, published Dec. 9, 1947.
Switches, Temperature-operated electric stack. Minneapolis Heat Regulator Co. 231,891, Aug. 30, 1927. Republished Mar. 16.
Television receivers. AVCO Manufacturing Corporation. 437,368, Mar. 16; Serial No. 524,517, published Dec. 9, 1947.
Transceivers, radio transmitters, radio receivers, etc. Press Wireless Manufacturing Corporation. 437,352, Mar. 16; Serial No. 520,121, published Dec. 9, 1947.
Vacuum cleaners, Electric. Masury-Young Company. 437,358, Mar. 16; Serial No. 520,956, published Dec. 9, 1947.
Winches, Portable electric. St. Anthony Machine Products Co. 437,360, Mar. 16; Serial No. 521,094, published Dec. 9, 1947.
Wire, both insulated and non-insulated. Driver-Harris Company. 437,337, Mar. 16; Serial No. 515,417, published Dec. 16, 1947.

CLASS 22

Fishing lures and baits. American Fork and Hoe Company. 341,046, Dec. 1, 1936. Republished Mar. 16.
Ice skates. Globe-Union Mfg. Co. 319,002, Nov. 13, 1934. Republished Mar. 16.
Roller skates. Marshall Field & Company. 324,717, May 28, 1935. Republished Mar. 16.

CLASS 23

Apparatus for mechanically placing articles in mailing envelopes, etc. Apex Hosiery Company. 323,096, Apr. 2, 1935. Republished Mar. 16.
Dies, Thread cutting. Niles-Bement-Pond Company. 339,044, Sept. 22, 1936. Republished Mar. 16.
Drill bits; drill sharpeners, pneumatic and manuel operated drill retainers, etc. Gardner-Denver Company. 240,974, renewed Apr. 10, 1948. O. G. Mar. 16.
Drills, Twist. Greenfield Tap and Die Corporation. 279,452, Jan. 13, 1931. Republished Mar. 16.
Equipment for sealing leaks in metal containers. Furmanite Corporation. 232,149, renewed Sept. 6, 1947. O. G. Mar. 16.
Extension-blades, shoe-knives, and tools. Hyde Manufacturing Company. 67,784, re-renewed Feb. 18, 1948. O. G. Mar. 16.
Hoists, hand hoists, cranes, etc., Electric. Robbins & Myers, Inc. 332,117, Feb. 4, 1936. Republished Mar. 16.
Liquid straining and filtering, Mechanical apparatus. Auto-Klean Strainers, Limited. 236,007, renewed Nov. 29, 1947. O. G. Mar. 16.
Lubricating equipment, apparatus and machinery. Gray Company, Inc. 301,321, Feb. 28, 1933. Republished Mar. 16.
Milking machines and parts thereof. International Harvester Company. 342,352, Jan. 12, 1937. Republished Mar. 16.
Milking machines and parts thereof. International Harvester Company. 343,690–2, Mar. 2, 1937. Republished Mar. 16.
Pastes and powders, and perfumery. E. Daltroff & Cie. 241,026, renewed Apr. 17, 1948. O. G. Mar. 16.
Razor blades. Jacob P. Segelman & Company. 231,853, renewed Aug. 30, 1947. O. G. Mar. 16.
Razors, shears, scissors, etc., All manner and kinds of. C. S. Bresnick. 235,317, renewed Nov. 15, 1947. O. G. Mar. 16.
Saws. E. C. Atkins and Company. 332,952, Mar. 3, 1936. Republished Mar. 16.
Saws, two-man crosscut saws, and circular cordwood saws, One-man crosscut. E. C. Atkins and Company. 329,141, Oct. 15, 1935. Republished Mar. 16.
Taps. Greenfield Tap and Die Corporation. 344,065, Mar. 9, 1937. Republished Mar. 16.
Tools. Bergman Tool Mfg. Co. 230,677, Aug. 2, 1927. Corrected. O. G. Mar. 16.
Tools, Metal cutting. Niles-Bement-Pond Company. 341,774, Dec. 22, 1936. Republished Mar. 16.
Typewriters, including platen twirlers, rubber feet, etc. Burroughs Adding Machine Company. 343,467, Feb. 23, 1937. Republished Mar. 16.
Wire drawing machines and parts thereof and accessories therefor. Vaughn Machinery Company. 341,589, Dec. 15, 1936. Republished Mar. 16.

CLASS 26

Aircraft instruments. United States Gauge Division of American Machine and Metals, Inc. 437,330, Mar. 16; Serial No. 510,456, published Dec. 9, 1947.
Cameras, Photographic. Agfa Ansco Corporation. 345,512, Apr. 27, 1937. Republished Mar. 16.

Electrical control apparatus, Pressure responsive. Minneapolis-Honeywell Regulator Company. 331,846, Jan. 21, 1936. Republished Mar. 16.
Gages, Dimensional. Pratt & Whitney Company. 295,015, June 14, 1932. Republished Mar. 16.
Machines, Business. Burroughs Adding Machine Company. 343,430, Feb. 23, 1937. Republished Mar. 16.
Optical pyrometers, Automatic. Minneapolis-Honeywell Regulator Company. 342,365, Jan. 12, 1937. Republished Mar. 16.
Paint mixing machine. Arco Company. 437,321, Mar. 16; Serial No. 501,624, published May 27, 1947.
Projectors, cabinets therefor, and counter display units, Slide film. Jam Handy Organization, Inc. 437,327, Mar. 16; Serial No. 509,426, published Dec. 2, 1947.
Registering apparatus and their parts, Cash and credit. National Cash Register Company. 242,365, renewed May 22, 1948. O. G. Mar. 16.
Sensitized photographic paper. Agfa Ansco Corporation. 286,706, Sept. 1, 1931. Republished Mar. 16.
Sensitized photographic film. Agfa Ansco Corporation. 339,642, Oct. 13, 1936. Republished Mar. 16.
Sensitized photographic film. Agfa Ansco Corporation. 340,438, Nov. 10, 1936. Republished Mar. 16.

CLASS 27

Clocks, and timers, Alarm. Lux Clock Manufacturing Company. 336,750, July 14, 1936. Republished Mar. 16.
Mainsprings for watches. Newall Manufacturing Company. 294,972, June 14, 1932. Republished Mar. 16.

CLASS 28

Rings, Finger. Untermeyer, Robbins & Company. 241,763, renewed May 8, 1948. O. G. Mar. 16.

CLASS 34

Boilers, and oil furnaces, Fuel oil burning. General Utilities Corporation. 437,406, Mar. 16.
Cookers for the cooking and preparing of food. Specialties Appliance Corporation. 437,409, Mar. 16.
Vats, Gas-fired automatic poultry scalding. T. N. Long. 437,408, Mar. 16.

CLASS 35

Brake lining. Marshall Asbestos Corporation. 326,584, July 30, 1935. Republished Mar. 16.
Hose, Garden. Gates Rubber Company. 343,452, Feb. 23, 1937. Republished Mar. 16.
Piston rings. Wilkening Manufacturing Company. 281,073, Mar. 10, 1931. Republished Mar. 16.
Tires and tubes, Automobile. Vogue Rubber Company. 346,494, June 1, 1937. Republished Mar. 16.
Tires, Pneumatic. General Tire & Rubber Company. 342,083, Jan. 5, 1937. Republished Mar. 16.

CLASS 36

Graphophones. Columbia Phonograph Company, General. 66,997, re-renewed Jan. 7, 1948. O. G. Mar. 16.
Musical instruments. H. N. White Company. 325,334, June 18, 1935. Republished Mar. 16.

CLASS 37

Albums. F. Burns. 437,342, Mar. 16; Serial No. 517,699, published Dec. 9, 1947.
Cards for visible index or record equipment, desk diaries, etc. Acme Card System Company. 342,738, Jan. 26, 1937. Republished Mar. 16.
Desk memorandum pads, indexed phone address pads, correspondence portfolios, etc. Ever-Handy Products Company. 437,334, Mar. 16; Serial No. 513,169, published Dec. 16, 1947.
Indicator tabs or file signals. George B. Graff Company. 302,293, Apr. 11, 1933. Republished Mar. 16.
Memorandum pads and telephone indexes. H. A. Gaensler. 437,359, Mar. 16; Serial No. 521,067, published Dec. 16, 1947.
Memorandum pads, indexed phone address pads, correspondence portfolios, etc., Desk. Ever-Handy Products Company. 437,334, Mar. 16; Serial No. 513,169, published Dec. 16, 1947.
Pads, Memorandum. Dictaphone Corporation. 236,488, renewed Dec. 13, 1947. O. G. Mar. 16.
Paper and drawing paper, Tracing. Spaulding-Moss Company. 328,117, Sept. 17, 1935. Republished Mar. 16.
Paper and lining paper, Shelf. Paper Craft Corporation. 437,339, Mar. 16; Serial No. 516,212, published Dec. 2, 1947.
Paper, Book. Kimberly-Clark Corporation. 304,183, June 27, 1933. Republished Mar. 16.
Paper, Facial tissue. Mini-Tishu Co. 437,340, Mar. 16; Serial No. 516,301, published Dec. 2, 1947.
Paper, Loose writing. Western Tablet & Stationery Corporation. 437,374, Mar. 16; Serial No. 526,002, published Dec. 2, 1947.
Paper, Loose writing. Western Tablet & Stationery Corporation. 437,383, Mar. 16; Serial No. 526,030, published Dec. 9, 1947.
Paper, Loose writing. Western Tablet & Stationery Corporation. 437,394, Mar. 16; Serial No. 526,073, published Dec. 9, 1947.
Paper, Loose writing. Western Tablet & Stationery Corporation. 437,395, Mar. 16; Serial No. 526,076, published Dec. 9, 1947.
Paper sheets, strips, and rolls. American Sales Book Company, Limited. 235,747, renewed Nov. 22, 1947. O. G. Mar. 16.
Paper sheets, strips, rolls, pads, etc. American Sales Book Company, Limited. 236,953, renewed Dec. 27, 1947. O. G. Mar. 16.
Paper, Shelf and lining. Appleton Coated Paper Co. 338,064, Aug. 25, 1938. Republished Mar. 16.
Paper tablets. Western Tablet & Stationery Corporation. 437,375, Mar. 16; Serial No. 526,003, published Dec. 2, 1947.
Paper tablets. Western Tablet & Stationery Corporation. 437,377, Mar. 16; Serial No. 526,008, published Dec. 2, 1947.
Paper tablets. Western Tablet & Stationery Corporation. 437,380, Mar. 16; Serial No. 526,016, published Dec. 2, 1947.
Paper tablets. Western Tablet & Stationery Corporation. 437,386, Mar. 16; Serial No. 526,047, published Dec. 2, 1947.
Paper tablets. Western Tablet & Stationery Corporation. 437,387, Mar. 16; Serial No. 526,052, published Dec. 9, 1947.
Paper tablets. Western Tablet & Stationery Corporation. 437,390, Mar. 16; Serial No. 526,056, published Dec. 9, 1947.
Paper tablets. Western Tablet & Stationery Corporation. 437,391, Mar. 16; Serial No. 526,063, published Dec. 9, 1947.
Paper tablets. Western Tablet & Stationery Corporation. 437,393, Mar. 16; Serial No. 526,066, published Dec. 9, 1947.
Paper tablets. Western Tablet & Stationery Corporation. 437,397, Mar. 16; Serial No. 526,081, published Dec. 9, 1947.
Paper tablets and envelopes. Western Tablet & Stationery Corporation. 437,398, Mar. 16; Serial No. 526,099, published Dec. 2, 1947.
Paper tablets and loose writing paper. Western Tablet & Stationery Corporation. 437,376, Mar. 16; Serial No. 526,007, published Dec. 2, 1947.
Paper tablets, and loose writing paper. Western Tablet & Stationery Corporation. 437,389, Mar. 16; Serial No. 526,054, published Dec. 9, 1947.
Paper tablets, and loose writing paper. Western Tablet & Stationery Corporation. 437,392, Mar. 16; Serial No. 526,065, published Dec. 9, 1947.
Paper tablets and loose writing paper. Western Tablet & Stationery Corporation. 437,400–2, Mar. 16; Serial Nos. 526,153–5, published Dec. 16, 1947.
Paper tablets and paper packets for folder for loose paper. Western Tablet & Stationery Corporation. 437,399, Mar. 16; Serial No. 526,106, published Dec. 2, 1947.
Paper tablets, and papeteries. Western Tablet & Stationery Corporation. 437,381, Mar. 16; Serial No. 526,018, published Dec. 2, 1947.
Paper tablets, and papeteries. Western Tablet & Stationery Corporation. 437,385, Mar. 16; Serial No. 526,039, published Dec. 2, 1947.
Paper tablets; papeteries. Western Tablet & Stationery Corporation. 437,396, Mar. 16; Serial No. 526,077, published Dec. 9, 1947.
Paper, Toilet. International Cellucotton Products Company. 335,574, June 9, 1936. Republished Mar. 16.
Paper towels. Crown Zellerbach Corporation. 265,402, Dec. 24, 1929. Republished Mar. 16.
Paper, Writing. Byron Weston Company. 437,343, Mar. 16; Serial No. 517,957, published Dec. 16, 1947.
Paper, Writing. Ecusta Paper Corporation. 437,369, Mar. 16; Serial No. 524,586, published Dec. 16, 1947.
Papeteries. Western Tablet & Stationery Corporation. 437,378, Mar. 16; Serial No. 526,010, published Dec. 2, 1947.
Papeteries. Western Tablet & Stationery Corporation. 437,379, Mar. 16; Serial No. 526,014, published Dec. 2, 1947.
Papeteries. Western Tablet & Stationery Corporation. 437,382, Mar. 16; Serial No. 526,025, published Dec. 9, 1947.
Papeteries. Western Tablet & Stationery Corporation. 437,384, Mar. 16; Serial No. 526,034, published Dec. 9, 1947.
Papeteries. Western Tablet & Stationery Corporation. 437,388, Mar. 16; Serial No. 526,053, published Dec. 9, 1947.
Pens, and desk sets, Writing. Sengbusch Self-Closing Inkstand Company. 344,857, Apr. 6, 1937. Republished Mar. 16.
Pens and pencils, Fountain. Mays Associates, Inc. 437,328, Mar. 16; Serial No. 509,859, published Dec. 2, 1947.
Pens, Ball-pointed fountain. Universal Fountain Pen & Pencil Co. 437,333, Mar. 16; Serial No. 512,218, published Dec. 9, 1947.
Pens, Fountain. Stratford Pen Corporation. 437,349, Mar. 16; Serial No. 519,841, published Dec. 9, 1947.
Pens, Fountain. Universal Ball-O-Matic Corporation. 437,361, Mar. 16; Serial No. 521,161, published Dec. 9, 1947.

Pens, mechanical pencils, and desk sets. Fountain. Parker Pen Company. 308,418, Dec. 5, 1933. Republished Mar. 16.
Pens, mechanical pencils, and desk sets. Fountain. Parker Pen Company. 339,429, Oct. 6, 1936. Republished Mar. 16.
Pens, mechanical pencils, and writing paper, Fountain. Briar Stratford Company. 437,345, Mar. 16; Serial No. 518,384, published Dec. 2, 1947.
Pens, mechanical pencils, and writing paper, Fountain. Briar Stratford Company. 437,362, Mar. 16; Serial No. 521,319, published Dec. 9, 1947.
Pens, pencils, and desk stands. W. A. Sheaffer Pen Company. 226,426, renewed Jan. 5, 1948. O. G. Mar. 16.
Pens, pencils, fountain pens, etc. I. J. Kessler. 437,348, Mar. 16; Serial No. 519,197, published Dec. 9, 1947.
Sheets, made of paper, Absorbent face cleansing. International Cellucotton Products Company. 341,884, Dec. 29, 1936. Republished Mar. 16.
Sheets made of paper, Absorbent face cleansing. International Cellucotton Products Company. 344,672–3, Mar. 30, 1937. Republished Mar. 16.
Sheets made of paper, Absorbent face cleansing. International Cellucotton Products Company. 344,680–3, Mar. 30, 1937. Republished Mar. 16.
Sheets, made of paper, Absorbent face cleansing. International Cellucotton Products Company. 345,728, May 4, 1937. Republished Mar. 16.
Sheets, made of paper, Absorbent face cleansing. International Cellucotton Products Company. 346,243, May 18, 1937. Republished Mar. 16.
Stapling machines and staples therefor. Ace Fastener Corporation. 332,351, Feb. 11, 1936. Republished Mar. 16.
Stationery and supplies. Burroughs Adding Machine Company. 335,153, May 26, 1936. Republished Mar. 16.
Stationery supplies. W. Leick. 437,353, Mar. 16; Serial No. 520,223, published Dec. 16, 1947.
Tissue, Toilet. Comfort Paper Corporation. 331,232, Dec. 31, 1935. Republished Mar. 16.
Tissues, Cleansing. International Cellucotton Products Company. 327,633, Sept. 3, 1935. Republished Mar. 16.
Towels, Paper. Comfort Paper Corporation. 331,774, Jan. 21, 1936. Republished Mar. 16.

CLASS 38

Booklets. Pioneer Suspender Company. 325,258, June 18, 1935. Republished Mar. 16.
Periodical publications. National Geographic Society. 242,080, renewed May 15, 1948. O. G. Mar. 16.

CLASS 39

Boots and shoes. Milford Shoe Company. 303,778, June 6, 1933. Republished Mar. 16.
Boots and shoes. Milford Shoe Company. 327,745, Sept. 3, 1935. Republished Mar. 16.
Boots and shoes. Milford Shoe Company. 336,385, July 7, 1936. Republished Mar. 16.
Boots and shoes. United States Rubber Company. 235,568, renewed Nov. 22, 1947. O. G. Mar. 16.
Clothing, Certain articles of. F. L. Dunne Co. 304,667, July 11, 1933. Republished Mar. 16.
Coats, pants, vests, and overcoats, Men's and boys'. Rosenwald Brothers & Co. 241,219, renewed Apr. 17, 1948. O. G. Mar. 16.
Corsets, girdles, brassières, etc. W. B. Foundations, Incorporated. 342,615, Jan. 19, 1937. Republished Mar. 16.
Costumes, Crepe paper. Unique Costume, Inc. 437,336, Mar. 16; Serial No. 514,153, published Nov. 18, 1947.
Dress-shirts, overshirts, nightshirts, pajamas, etc. Levi Strauss & Company. 68,673, re-renewed Apr. 21, 1948. O. G. Mar. 16.
Dresses, Women's and children's. Marshall Field & Company. 345,443, Apr. 27, 1937. Republished Mar. 16.
Garments, Men's, boys', and children's. E. V. Benjamin Company, Inc. 237,233, renewed Jan. 3, 1948. O. G. Mar. 16.
Garters. Hewes & Potter, Inc. 241,803, renewed May 8, 1948. O. G. Mar. 16.
Gloves, stockings, socks, etc. Thermo Mills, Inc. 241,206, renewed Apr. 17, 1948. O. G. Mar. 16.
Hats, berets, turbans, etc., Knitted and crocheted. Cinderella Hat Company, Inc. 316,771, Sept. 4, 1934. Republished Mar. 16.
Hats, Men's and boys'. Marshall Field & Company. 342,494, Jan. 19, 1937. Republished Mar. 16.
Hosiery. H. Siedenburg. 238,807, renewed Feb. 14, 1948. O. G. Mar. 16.
Hosiery and fabric gloves, Women's. Marshall Field & Company. 342,678, Jan. 25, 1937. Republished Mar. 16.
Shoes. United States Shoe Corporation. 338,608, Sept. 8, 1936. Republished Mar. 16.
Slips and brassières, Women's underwear. Philip S. Bloom Co. 320,604, Jan. 1, 1935. Republished Mar. 16.
Suits and overcoats, Men's. Moe Levy & Son, Inc. 327,143, Aug. 20, 1935. Republished Mar. 16.
Suspenders. Hewes & Potter, Inc. 241,753, renewed May 8, 1948. O. G. Mar. 16.
Suspenders, garters, arm band, etc. Pioneer Suspender Company. 277,669, Nov. 25, 1930. Republished Mar. 16.
Wearing apparel, Men's and boys'. Stix, Baer & Fuller Co. 242,820, renewed June 5, 1948. O. G. Mar. 16.

CLASS 40

Binding, Sateen blanket. Jordan Marsh Company. 238,624, renewed Feb. 14, 1948. O. G. Mar. 16.
Buttons. Morley Button Manufacturing Company. 31,769, July 5, 1898. Republished Mar. 16.

CLASS 41

Umbrella runners and shafts. E-Z Lock Corporation. 500,009, Mar. 16.

CLASS 42

Blankets. American Woolen Company. 333,506, Mar. 24, 1936. Republished Mar. 16.
Blankets. Pepperell Manufacturing Company. 437,372, Mar. 16; Serial No. 524,895, published Dec. 16, 1947.
Cloth, Heat resistant cover. H. Kohnstamm & Co., Inc. 437,335, Mar. 16; Serial No. 513,977, published Dec. 16, 1947.
Fabrics in the piece, Woolen and worsted. Walther Manufacturing Company, Incorporated. 437,319, Mar. 16; Serial No. 500,591, published Dec. 9, 1947.
Fabrics of cotton in the piece, Soft-finish. Heberlein & Co., A. G. 196,920, renewed Mar. 31, 1945. O. G. Mar. 16.
Goods in the piece, Cotton flannels and woven cotton napped. Buck Creek Cotton Mills, Inc. 238,735, renewed Feb. 14, 1948. O. G. Mar. 16.
Piece goods. American Woolen Company. 335,673, June 9, 1935. Republished Mar. 16.
Piece goods of cotton, wool, linen, etc. Cone Export and Commission Company, Inc. 437,347, Mar. 16; Serial No. 518,939, published Dec. 16, 1947.
Piece goods of rayon; cotton, and rayon and cotton mixture fabrics. William Rifkin & Sons. 437,346, Mar. 16; Serial No. 518,444, published Dec. 16, 1947.
Piece goods of spun nylon and nylon blended with wool, etc. Newman Cotton Mills. 437,351, Mar. 16; Serial No. 520,114, published Dec. 16, 1947.
Piece goods, Rayon. Duplex Fabrics Corporation. 437,318, Mar. 16; Serial No. 493,920, published Dec. 9, 1947.
Piece goods, Silk, rayon, woolen, etc. M. & W. Thomas Co. 437,324, Mar. 16; Serial No. 505,706, published July 22, 1947.
Piece goods, Woolen. American Woolen Company. 294,706, June 7, 1932. Republished Mar. 16.
Piece goods, Woolen. Botany Worsted Mills. 437,329, Mar. 16; Serial No. 510,063, published Dec. 16, 1947.
Piece goods, Woolen. Society Brand Clothes, Inc. 437,341, Mar. 16; Serial No. 517,595, published Dec. 9, 1947.
Piece goods, Woolen textile. Scottish Crofter-Weavers Limited. 437,367, Mar. 16; Serial No. 523,227, published Dec. 16, 1947.
Piece goods, Worsted. American Woolen Company. 330,038, Nov. 19, 1935. Republished Mar. 16.
Pillow covers, tablecloths, tablecloth covers, etc. National Carbon Company, Inc. 437,373, Mar. 16; Serial No. 525,374, published Dec. 9, 1947.
Textile fabrics. Concordia-Gallia Corporation. 437,365, Mar. 16; Serial No. 522,770, published Dec. 16, 1947.
Towels and for piece goods made of cotton, rayon, etc. Mooresville Mills. 437,364, Mar. 16; Serial No. 522,241, published Dec. 16, 1947.
Washcloths and dish cloths. E. S. Sutton. 437,354, Mar. 16; Serial No. 520,238, published Dec. 16, 1947.
Woolen goods. American Woolen Company. 343,526, Feb. 23, 1937. Republished Mar. 16.

CLASS 44

Catamenial napkins. Veldown Company, Inc. 315,710, Aug. 7, 1934. Republished Mar. 16.
Dental floss. Belding Heminway Company. 241,743, renewed May 8, 1948. O. G. Mar. 16.
Medical instrument which is an electrical device. W. W. Robinson, Jr. 437,411, Mar. 16.
Sanitary napkins. Berkeley Company. 302,079, Mar. 28, 1933. Republished Mar. 16.
Sanitary napkins. Berkeley Company. 322,949–51, Mar. 26, 1935. Republished Mar. 16.
Sanitary napkins. International Cellucotton Products Company. 341,480, Dec. 8, 1936. Republished Mar. 16.
Sanitary napkins. International Cellucotton Products Company. 345,287–8, Apr. 20, 1937. Republished Mar. 16.
Sanitary napkins. Kotex Company. 331,770. Jan. 21, 1936. Republished Mar. 16.
Sanitary napkins. Kotex Company. 331,904, Jan. 21, 1936. Republished Mar. 16.
Tampons. International Cellucotton Products Company. 329,193, Oct. 22, 1935. Republished Mar. 16.
Therapeutic lamps. R. J. Lindquist. 340,113, Nov. 3, 1936. Republished Mar. 16.

CLASS 45

Beverage, Nonalcoholic, maltless. M. Harrison. 233,721, renewed Oct. 11, 1947. O. G. Mar. 16.
Beverages and extracts, Nonalcoholic, maltless. R. Baldwin. 239,494, renewed Mar. 6, 1948. O. G. Mar. 16.
Beverages, Nonalcoholic, maltless. Booth Bottling Company, Inc. 278,030, Dec. 2, 1930. Republished Mar. 16.

CLASS 46

Candies. Marshall Field & Company. 330,694, Dec. 10, 1935. Republished Mar. 16.
Candies. Marshall Field & Company. 336,050, June 23, 1936. Republished Mar. 16.
Candies and chocolates. Aktieselskabet Freia Chocolade Fabrik. 189,171, renewed Sept. 16, 1944. O. G. Mar. 16.
Candy. Planters Nut & Chocolate Co. 231,636, renewed Aug. 23, 1947. O. G. Mar. 16.
Chickens, Live baby. Pioneer Hatchery, Inc. 283,000, May 12, 1931. Republished Mar. 16.
Chocolate. Société Generale Suisse de Chocolats. 67,572, re-renewed Feb. 11, 1948. O. G. Mar. 16.
Chocolate and cocoa. H. O. Wilbur & Sons. 69,053, re-renewed May 19, 1948. O. G. Mar. 16.
Coffee. W. F. McLaughlin & Company. 65,709, re-renewed Oct. 15, 1947. O. G. Mar. 16.
Flour. Pillsbury Flour Mills Company. 296,115, July 26, 1932. Republished Mar. 16.
Flour, Wheat. Southwestern Milling Co., Inc. 232,724, Sept. 13, 1927. Republished Mar. 16.
Flour, Wheat. Standard Milling Company. 322,991, Mar. 26, 1935. Republished Mar. 16.
Ice-cream, ices, sherbets, and frozen custards. Alta Vista Creamery Company. 67,989, re-renewed Mar. 3, 1948. O. G. Mar. 16.
Jellies, fruit butters, fruit preserves, etc. Blanke-Baer Extract & Preserving Company. 329,941, Nov. 19, 1935. Republished Mar. 16.
Lees and fresh yeast. Aktieselskabet de Danske Spritfabrikker. 182,557, renewed Apr. 15, 1944. O. G. Mar. 16.
Margarine. Miami Butterine Co. 338,124, Sept. 1, 1936. Republished Mar. 16.
Meal, Cottonseed. Buckeye Cotton Oil Co. 276,944, Nov. 4, 1930. Republished Mar. 16.
Meal, Cottonseed. Buckeye Cotton Oil Co. 320,544, Jan. 1, 1935. Republished Mar. 16.
Olive oil. Strohmeyer & Arpe Company. 319,548, Nov. 27, 1934. Republished Mar. 16.
Olive oil. Strohmeyer & Arpe Company. 326,833, Aug. 6, 1935. Republished Mar. 16.
Pickles. Fanning Bread and Butter Pickle Company, Inc. 240,709, renewed Apr. 3, 1948. O. G. Mar. 16.
Raisins and dried fruits. W. Pike. 68,785, re-renewed Apr. 28, 1948. O. G. Mar. 16.
Raisins, Dried. Sun-Maid Raisin Growers of California. 235,744, renewed Nov. 22, 1947. O. G. Mar. 16.
Sauce. Lea & Perrins. 68,150, re-renewed Mar. 10, 1948. O. G. Mar. 16.
Shortening. Procter & Gamble Company. 324,562, May 21, 1935. Republished Mar. 16.
Shortenings. Procter & Gamble Company. 304,824, July 18, 1933. Republished Mar. 16.
Spices. C. S. Morey Mercantile Company. 68,642, re-renewed Apr. 21, 1948. O. G. Mar. 16.
Spices. Woolson Spice Company. 67,170, re-renewed Jan. 21, 1948. O. G. Mar. 16.
Tea. C. S. Morey Mercantile Company. 68,490, re-renewed Apr. 14, 1948. O. G. Mar. 16.
Vegetable concentrate, Copra. Procter & Gamble Company. 341,810, Dec. 22, 1936. Republished Mar. 16.
Wheat-flour. Cannon Valley Milling Company. 78,227, May 31, 1910. Republished Mar. 16.
Wheat-flour. Cannon Valley Milling Company. 136,353–4, Nov. 2, 1920. Republished Mar. 16.

CLASS 47

Wine. Strohmeyer & Arpe Company. 320,290, Dec. 25, 1934. Republished Mar. 16.

CLASS 48

Beer, ale, and porter. P. Ballantine & Sons. 332,889, Mar. 3, 1936. Republished Mar. 16.
Beer, ale, porter, and stout. P. Ballantine & Sons. 336,563, July 7, 1936. Republished Mar. 16.

CLASS 49

Cognac and creme de menthe. Strohmeyer & Arpe Company. 320,197, Dec. 18, 1934. Republished Mar. 16.
Liquors, Spiritous. Aktieselskabet de Danske Spritfabrikker. 157,846, renewed Aug. 22, 1942. O. G. Mar. 16.
Rum. Felton & Son, Inc. 331,301, Dec. 31, 1935. Republished Mar. 16.
Whiskey. Bushmill Wine Products Company, Inc. 333,462, Mar. 24, 1936. Republished Mar. 16.
Whiskey. Alexander Young Distilling Co. 331,782, Jan. 21, 1936. Republished Mar. 16.
Whiskey, American Whiskey, etc., Blended. Strohmeyer & Arpe Company. 324,878, June 4, 1935. Republished Mar. 16.

CLASS 50

Closures for bottles and container. Armstrong Cork & Insulation Company. 329,389, Oct. 29, 1935. Republished Mar. 16.
Fabrics in the nature of artificial leather, Coated. Eggers Fabric Company. 437,404, Mar. 16.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 16TH DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Burroughs Adding Machine Company, assignee: *See*—
Fettig, Arthur J.

Chandler, Milton E., New Britain, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Control apparatus. Re. 22,984, Mar. 16.

Collins, Austin T., deceased, by Miracle Lubricating Corporation, Detroit, Mich., assignee. Lubricant composition. Re. 22,985, Mar. 16.

Fettig, Arthur J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. Re. 22,986, Mar. 16.

Jackson, Wilbur F., Compton, and T. H. Jeffers, Inglewood, Calif., assignors to Robertshaw-Fulton Controls Company. Safety control for gaseous fuel burners. Re. 22,987, Mar. 16.

Jeffers, Thomas H.: *See*—
Jackson, Wilbur F., and Jeffers.

McLeish, William S., Barberton, assignor to The Ric-wiL Company, Cleveland, Ohio. Anchor. Re. 22,988, Mar. 16.

Miracle Lubricating Corporation, assignee: *See*—
Collins, Austin T.

Niles-Bement-Pond Company, assignee: *See*—
Chandler, Milton E.

Ric-wiL Company, The, assignee: *See*—
McLeish, William S.

Robertshaw-Fulton Controls Company, assignee: *See*—
Jackson, Wilbur F., and Jeffers.

LIST OF PLANT PATENTEES

Armstrong Nurseries, Inc., assignee: *See*—
Swim, Herbert C.

Boerner, Eugene S., assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 789, Mar. 16.

Jackson & Perkins Company, assignee: *See*—
Boerner, Eugene S.
Prushek, Emil.

Mount Arbor Nurseries, assignee: *See*—
Swim, Herbert C.

Prushek, Emil, Niles, Mich., assignor to Jackson & Perkins Company, Newark, N. Y. Chrysanthemum plant. 790, Mar. 16.

Swim, Herbert C., Ontario, Calif., assignor, by mesne assignments, to Mount Arbor Nurseries, Shenandoah, Iowa. Rose plant. 791, Mar. 16.

Swim, Herbert C., assignor to Armstrong Nurseries, Inc., Ontario, Calif. Rose plant. 792, Mar. 16.

LIST OF DESIGN PATENTEES

Adel Precision Products Corp., assignee: *See*—
Fassin, Gustave.

Amato, George D., Astoria, Oreg. Combination ashtray and light. 148,971, Mar. 16.

Birtcher Corporation, The, assignee: *See*—
Cruze, Charles M.

Blecher, Boris, Philadelphia, Pa. Calendar stand. 148,972, Mar. 16.

Blecher, Boris, Philadelphia, Pa. Penholder. 148,973, Mar. 16.

Boeing Aircraft Company, assignee: *See*—
Owens, Wayne F.

Bolle, Georges, assignor to Thurgar Bolle Limited, Church Way, Wellingborough, England. Spectacle frame. 148,974, Mar. 16.

Briskin, Jack, and J. J. Golick, assignors to Revere Camera Company, Chicago, Ill. Camera. 148,975, Mar. 16.

Briskin, Jack, and C. Peto, assignors to Revere Camera Company, Chicago, Ill. Movie projector. 148,976, Mar. 16.

Briskin, Jack, and J. J. Golick, assignors to Revere Camera Company, Chicago, Ill. Camera. 148,977, Mar. 16.

Bustin, Leopold, Mamaroneck, N. Y. Automobile radiator guard. 148,978, Mar. 16.

Bustin, Leopold, Mamaroneck, N. Y. Automobile radiator guard. 148,979, Mar. 16.

Bustin, Leopold, Mamaroneck, N. Y. Automobile radiator guard. 148,980, Mar. 16.

Carver, J. Paul, assignee: *See*—
Parker, Ralph E.

Cless, John M., West Los Angeles, Calif. Coat hanger. 148,981, Mar. 16.

Coro, Inc., assignee: *See*—
Katz, Adolph.

Cruze, Charles M., assignor to The Birtcher Corporation, Los Angeles, Calif. Lamp casing. 148,982, Mar. 16.

Fassin, Gustave, Los Gatos, assignor to Adel Precision Products Corp., Burbank, Calif. Camera. 148,983, Mar. 16.

Fenety, John G., New York, N. Y. Table fork. 148,984, Mar. 16.

Golick, Joseph J.: *See*—
Briskin, Jack, and Golick.

Grover, Frederic S., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Combined typewriter and desk support therefor. 148,986, Mar. 16.

Grover, Frederic S., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Combined typewriter and desk support therefor. 148,987, Mar. 16.

Grover, Frederic S., and K. D. Maier, Rochester, assignors to International Business Machines Corporation, New York, N. Y. Combined typewriter and support therefor. 148,985, Mar. 16.

Hamrah, Frederick P., near Charlotte, N. C. Salt and pepper dispenser. 148,988, Mar. 16.

Harrington, King, San Francisco, Calif. Pendant or similar article. 148,989, Mar. 16.

Hurwitz, Bernard, New York, N. Y. Dress. 148,990, Mar 16.

International Business Machines Corporation, assignee: *See*—
Grover, Frederic S.
Grover, Frederic S., and Maier.

Jacobson, Herbert, New York, N. Y. Jewel box or the like. 148,991, Mar. 16.

Jacobson, Herbert, New York, N. Y. Jewel box or the like. 148,992, Mar. 16.

Johnston, Reece W., and J. C. Roberts, Fort Worth, Tex. Watch standard. 148,993, Mar. 16.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 148,994, Mar. 16.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 148,995, Mar. 16.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 148,996, Mar. 16.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 148,997, Mar. 16.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 148,998, Mar. 16.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 148,999, Mar. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 149,000, Mar. 16.
Lang, Sandy, Chicago, Ill. Kite. 149,001, Mar. 16.
Lang, Sandy, Chicago, Ill. Kite. 149,002, Mar. 16.
Lerman, Ben, Chicago, Ill. Clock. 149,003, Mar. 16.
Lerman, Ben, Chicago, Ill. Clock. 149,004, Mar. 16.
Lerman, Ben, Chicago, Ill. Clock. 149,005, Mar. 16.
Lerman, Ben, Chicago, Ill. Clock. 149,006, Mar. 16.
Levy, Abraham: *See*—
Punzak, Joseph F., and Levy.
Lewis, Golda, New York, N. Y. Spectacle frame. 149,007, Mar. 16.
Lindenbaum, Louis E., Brooklyn, N. Y. Lamp shade or the like. 149,008, Mar. 16.
Maier, Kenneth D.: *See*—
Grover, Frederic S., and Maier.
Marks, Max J.: *See*—
Schwartz, Martin W., and Marks.
Marks, Max J., and M. W. Schwartz, Chicago, Ill. Electric lighting fixture. 149,009, Mar. 16.
New England Trawler Equipment Co., assignee: *See*—
Peterson, Charles F.
Noziewski, Henry A., Detroit, Mich. Toy figure. 149,010, Mar. 16.
Owens, Wayne F., Sheridan, Wyo., assignor to Boeing Aircraft Company, Seattle, Wash. Egg beater or the like. 149,011, Mar. 16.
Parker, Ralph E., assignor to J. P. Carver, Wichita, Kans. Combined tricycle and trailer. 149,012, Mar. 16.
Parsons Company, The, assignee: *See*—
Vaughn, George A.
Peterson, Charles F., Arlington, assignor to New England Trawler Equipment Co., Chelsea, Mass. Gasoline hoist. 149,013, Mar. 16.
Peto, Conrad: *See*—
Briskin, Jack, and Peto.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 149,014, Mar. 16.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 149,015, Mar. 16.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 149,016, Mar. 16.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 149,017, Mar. 16.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 149,018, Mar. 16.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 149,019, Mar. 16.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 149,020, Mar. 16.
Punzak, Joseph F., and A. Levy, asignors to United Metal Goods Manufacturing Co. Inc., Brooklyn, N. Y. Clock case. 149,021, Mar. 16.
Revere Camera Company, assignee: *See*—
Briskin, Jack, and Golick.
Briskin, Jack, and Peto.
Roberts, John C.: *See*—
Johnston, Reece W., and Roberts.
Robinson, James, Jr., Cleveland, Ohio. Combination radio and lamp. 149,022, Mar. 16.
Rood, Harold C., Bridgeport, Conn. Clasp. 149,023, Mar. 16.
Roth, Alexander, assignor to Wirth-Gold Underwear Co., Inc., New York, N. Y. Negligee or similar article. 149,024, Mar. 16.
Sawyer, Lester T., Leominster, Mass. Hairpin or similar article. 149,025, Mar. 16.
Schwartz, Martin W.,: *See*—
Marks, Max J., and Schwartz.
Schwartz, Martin W., and M. J. Marks, Chicago, Ill. Electric lighting fixture. 149,026, Mar. 16.
Schwartz, Martin W., and M. J. Marks, Chicago, Ill. Electric lighting fixture. 149,027, Mar. 16.
Shepherd, Herbert J., St. Louis, Mo. Belt buckle. 149,028, Mar. 16.
Sims, Clyde, Dallas, Tex. Toilet kit. 149,029, Mar. 16.
Thurgar Bolle Limited, assignee: *See*—
Bolle, Georges.
Trifari, Krussman & Fishel, Inc., assignee: *See*—
Philippe, Alfred.
United Metal Goods Manufacturing Co. Inc., assignee: *See*—
Punzak, Joseph F., and Levy.
Vaughn, George A., Newton, Iowa. Trenching machine frame. 149,030, Mar. 16.
Vaughn, George A., assignor to The Parsons Company, Newton, Iowa. Ditching machine frame. 149,031, Mar. 16.
Vozzella, Michael, Malden, Mass. Candlestick. 149,032, Mar. 16.
Wagner, William E., Chicago, Ill. Lamp base. 149,033, Mar. 16.
Wirth-Gold Underwear Co., Inc., assignee: *See*—
Roth, Alexander.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 16TH DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abbott Laboratories, assignee: *See*—
Weston, Arthur W.
Ackley, Robert A., assignor to Republic Flow Meters Company, Chicago, Ill. Method of and apparatus for measuring the composition of gas. 2,437,720, Mar. 16.
Adams, Albert E., and D. Waloff, Wells, assignors to Scophony Limited, London, England. Alternating current or like motor with gyratory armature. 2,437,904, Mar. 16.
Adams, Robert E., assignor of one-half to R. P. Bernhardt, McDonough, Ga. Power driven rotary cylindrical saw. 2,437,668, Mar. 16.
Adams, Robert E., assignor of one-half to R. P. Bernhardt, McDonough, Ga. Laterally-cutting rotary cylindrical saw. 2,437,669, Mar. 16.
Adamson, Nicholas F., assignor to Twin Disc Clutch Company, Racine, Wis. Fluid operated clutch. 2,437,670, Mar. 16.
Adel Precision Products Corp., assignee: *See*—
Brant, Walter R., and Chapman.
Adler, Melvin S., Chicago, Ill. Electrical wall outlet. 2,437,802, Mar. 16.
Aero Zipp Fasteners Limited, assignee: *See*—
Engel, Erich, and Salamon.
Agriculture, United States of America as represented by the Secretary of: *See*—
Evans, Cyril D., and Manley.
Savich, Theodore R., and Goldblatt.
Stevenson, Elmer C., and Mitchell.
Air Reduction Company, Incorporated, assignee: *See*—
Vance, Robert M., and Horney.
Allen, Rex W., Palisades, assignor to Camloc Fastener Corporation, New York, N. Y. Locking means for fastener studs. 2,438,028, Mar. 16.
Allied Chemical & Dye Corporation, assignee: *See*—
Porter, Frank.
Aluminum Company of America, assignee: *See*—
Mason, Elliott W.
American Chain & Cable Company, Inc., assignee: *See*—
Conner, Edward A.
American Cyanamid Company, assignee: *See*—
Kropa, Edward L.
Lynch, Kathryn L.
Poor, Edward N., and Howard.
American Electrical Heater Company, assignee: *See*—
Kuhn, Frank, and Thomas.
American Locker Company, Inc., assignee: *See*—
Hofmann, George.
American Rolling Mill Company, The, assignee: *See*—
Oganowski, Kasimir.
American Steel and Wire Company of New Jersey, The, assignee: *See*—
Plass, Curtis E., and Sullivan.
American Viscose Corporation, assignee: *See*—
Cornwell, Ralph T. K., and Porter.
Francis, Carleton S., Jr.
Ames, Butler, Boston, assignor to The Walkabout Company, Lowell, Mass. Portable support for invalids. 2,437,778, Mar. 16.
Ames, Philip V.: *See*—
Russell, George W.
Andersen, Henry C., Lancaster, Calif. Bottle holder. 2,437,800, Mar. 16.
Andersen, Thomas K., Staten Island, N. Y. Pivotally and slidably mounted outer jaw wrench. 2,437,801, Mar. 16.
Anderson, John C., Los Angeles, Calif. Vertical current mineral concentrator. 2,437,671, Mar. 16.
Anderson, Louis E.: *See*—
Thorp, Clark E., and Anderson.
Anglo-Iranian Oil Company Limited, assignee: *See*—
Fawcett, Eric W. M., Jenkins, and Habeshaw.
Anway, Herman W., Cloquet, Minn., assignor to Weyerhaeuser Timber Company, Longview, Wash. Method of treating bark. 2,437,672, Mar. 16.
Appel, Hans, Prague, Germany; vested in the Attorney General of the United States. Low-pressure steam heating system for vehicles. 2,437,673, Mar. 16.
Armbruster, John W., East Rockaway, N. Y. Container safety lock. 2,437,674, Mar. 16.
Armstrong Cork Company, assignee: *See*—
Cornelius, Frank H.
Artzt, William W., New Rochelle, N. Y., assignor, by mesne assignments, to Lisle Mills, Inc., Allentown, Pa. Garment. 2,437,988, Mar. 16.
Artzt, William W., New Rochelle, N. Y., and E. Lesavoy, assignors to Lisle Mills, Inc., Allentown, Pa. Garment and making the same. 2,437,989, Mar. 16.
Ash, Jacob R.: *See*—
Stephan, John T., Jarvi, and Ash.
Askey, John S., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dynamo-electric machine. 2,437,990, Mar. 16.
Attorney General of the United States: *See*—
Appel, Hans.
Bardin, Georges.
Rinia, Herre.
Atwell, Harold V., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Effecting catalytic conversions. 2,438,029, Mar. 16.
Auer, Laszlo, South Orange, assignor to Ridbo Laboratories, Inc., Paterson, N. J. Process for making rubber extenders. 2,437,925, Mar. 16.
Avco Manufacturing Corporation, assignee: *See*—
Dittmar, William R.
Bailey, Christopher E. G., Bournemouth, assignor to The Mullard Radio Valve Company Limited, London, England. Phase modulator. 2,437,872, Mar. 16.
Ball, Charles O., G. L. Swope, and F. D. Scott, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Container. 2,437,926, Mar. 16.
Ballard, Seaver A.: *See*—
Winkler, De Loss E., and Ballard.
Bardin, Georges, Tournus, France; vested in the Attorney General of the United States. Current-generating gear for pocket electric lamps. 2,437,675, Mar. 16.
Barganz, Walter A., and E. W. Quirk, assignors to Brandt Automatic Cashier Company, Watertown, Wis. Coin counting machine. 2,437,721, Mar. 16.
Barlow, Elliott F., assignee: *See*—
Paul, Nathan.
Bassford, Henry H., Jr.: *See*—
Mahoney, John F., and Bassford.
Baston, Cyril E., Irwin, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control apparatus. 2,437,991, Mar. 16.
Bates, Albert H., Rockford, Ill. Piston ring boring machine. 2,437,676, Mar. 16.
Batori, Oscar E., New York, N. Y. Slide rule. 2,437,722, Mar. 16.
Beattie, Horace S.: *See*—
Page, Ralph E., and Beattie.
Watson, Thomas J., Beattie, and Fuller.
Beatty, Elmer W.: *See*—
Millard, Irwin W., and Beatty.
Becker, Vernie R., Port Huron, Mich. Valve stem facing fixture. 2,437,927, Mar. 16.
Bell & Howell Company, assignee: *See*—
Swanson, Keith N.
Bell, John L., Royal Oak, Mich. Fish lure. 2,437,803, Mar. 16.
Bell Telephone Laboratories, Incorporated, assignee: *See*—
Jansky, Karl G.
Lang, Wilmarth Y.
Pierce, John R.
Bemis, Watson A.: *See*—
Brown, James M., Bemis, and Monroe.
Bendix Aviation Corporation, assignee: *See*—
Havill, Clinton H.
Bennett, Barney, New York, N. Y. Carburetor attachment for conserving fuel. 2,437,992, Mar. 16.
Bennett, Clark F., Montpelier, Ind. Holder for double edged wafer type blades. 2,437,928, Mar. 16.
Bennett, William O., Jr., assignor to Hamilton Watch Company, Lancaster, Pa. Timing apparatus. 2,437,929, Mar. 16.
Benning, Anthony F., Woodstown, N. J., and J. D. Park, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluorination of acyclic olefinic compounds. 2,437,993, Mar. 16.
Benson, Alfred B.: *See*—
Carroll, Fred M., and Benson.
Bergsteinsson, Ingolfur, Billings, Mont., and J. R. Scheibli, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production and recovery of olefin oxides. 2,437,930, Mar. 16.
Bergström, Hilding O. V., Stocksund, G. B. Heijmer, Enebyberg, and K. G. Trobeck, Stockholm, Sweden. Indurating boards of fibrous materials. 2,437,931, Mar. 16.
Bernhardt, Richard P.: *See*—
Adams, Robert E.
Beward, Chalmer L., assignor to The General Tire & Rubber Company, Akron, Ohio. Making vehicle tires. 2,437,873, Mar. 16.

Beyer, Charles M., Flemington, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Blanking apparatus. 2,437,994, Mar. 16.

Bitney, Dewey H., assignor to Union Steel Products Company, Albion, Mich. Transporting and storage crate. 2,438,030, Mar. 16.

Black, Elam L., assignee, et al.: *See*—
Black, James E.

Black, James E., Chicago, assignor to J. E., E. L., W. J., and V. Black, a partnership doing business as Black Systems, Chicago, Ill. Shingle. 2,437,874, Mar. 16.

Black Systems, assignee: *See*—
Black, James E.

Black, Virginia, assignee, et al.: *See*—
Black, James E.

Black, Whitfield, assignee, et al: *See*—
Black, James E.

Blackburn, Wayne E., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Selenium rectifiers. 2,437,995, Mar. 16.

Blumstein, Abraham, Forest Hills, N. Y. Decorative chain structure. 2,437,932, Mar. 16.

Bonard, Claude, administrator: *See*—
Dreyfus, Henry.
Dreyfus, Henry, and Pool.

Bonner, Frank E., Pontiac, Mich. Toy submarine. 2,438,031, Mar. 16.

Borg-Warner Corporation, assignee: *See*—
Roth, Jay M., and Lauck.

Brandt Automatic Cashier Company, assignee: *See*—
Barganz, Walter A., and Quirk.

Brant, Walter R., and H. G. Chapman, Jr., Glendale, Calif., assignors to Adel Precision Products Corp. Poppet valve. 2,437,723, Mar. 16.

Braun, Albert E.: *See*—
Childs, David, Braun, and Hanson.

Bready, William M., assignor to Cleaver-Brooks Company, Milwaukee, Wis. Cargo trailer hitch. 2,438,032, Mar. 16.

Brennan, Joseph B., Cleveland, Ohio. Hose fitting. 2,437,933, Mar. 16.

Brink, John G., Evanston, Ill., assignor to Rand, McNally & Company. Closure. 2,437,934, Mar. 16.

British Oxygen Company Limited, assignee: *See*—
Godfrey, Robert C.

Brown, James M., Melrose, W. A. Bemis, West Medford, and F. A. Monroe, Jr., Melrose, assignors to Revere Sugar Refinery, Charlestown, Mass. Dextrose syrups. 2,438,033, Mar. 16.

Brown, Leo H., Glenville, Conn. Gun aiming post having parabolic reflecting surface. 2,437,677, Mar. 16.

Brown, Morris C., Richmond Heights, assignor to Carter Carburetor Corporation, St. Louis, Mo. Manifold heat valve control. 2,437,724, Mar. 16.

Brown Service Funeral Homes Company, Inc., assignee: *See*—
Lackey, Rufus M.

Bruce, Lawrence Richard, Incorporated, assignee: *See*—
Michaels, Edwin B., and Lustig.

Brügger, Albert, Horgen, Switzerland. Thread tension arrangements in textile machines. 2,438,034, Mar. 16.

Brumhill, Claude W., Leicester, and A. Pateman, Rothley, assignors to The Imperial Typewriter Company Limited, Leicester, England. End thrust type bar action for typewriting machines. 2,437,804, Mar. 16.

Brunner, Eugene M., El Cerrito, and E. S. Mardock, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Radiological measurement of the permeability of porous media. 2,437,935, Mar. 16.

Bruson, Herman A., Rydal, assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Cyanoalkyl ethers of polyhydric alcohols. 2,437,905. Mar. 16.

Bruson, Herman A., Rydal, and W. D. Niederhauser, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Cyanoethylation of carbonylic compounds. 2,437,906, Mar. 16.

Buckendale, Lawrence R., Detroit, Mich. Vehicle driving mechanism. 2,437,678, Mar. 16.

Buhman, Conrad J., and L. E. Mendel, assignors to Criffen and Sexton Company, Chicago, Ill. Stove. 2,438,035, Mar. 16.

Bunting, Ernest V.: *See*—
Chambers, John M., and Bunting.

Burgess, Archie R., St. Louis, Mo. Multiple snap gage. 2,437,679, Mar. 16.

Burroughs Wellcome & Co. (U. S. A.) Inc., assignee: *See*—
Hitchings, George H.

Camloc Fastener Corporation, assignee: *See*—
Allen, Rex W.
Freesx, Tibor.
Hennessey, Silas W., Jr.
Summers, J. Mills.

Carnegie, Herbert S., and H. Dolan, Stafford, assignors to The English Electric Company Limited, London, England. Induction motor control by electric brake. 2,437,996, Mar. 16.

Carpentier, Leoni, Montreal, Quebec, Canada. Toolholder. 2,437,779, Mar. 16.

Carraway, Thomas W., Dallas, Tex. Air conditioning apparatus. 2,437,936, Mar. 16.

Carroll, Fred M., Binghamton, and A. B. Benson, Union, assignors to International Business Machines Corporation, New York, N. Y. Plural storage device accounting machine. 2,438,036, Mar. 16.

Carruthers, J. H., & Company Limited, assignee: *See*—
Johnstone, George K.

Carson, Clarence M., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Packaging. 2,438,089, Mar. 16.

Carter Carburetor Corporation, assignee: *See*—
Brown, Morris C.

Casper, Ervin J., assignor of one-half to K. K. Casper, Vallejo, and one-half to W. H. Wilson, San Francisco, Calif. Caster. 2,437,907, Mar. 16.

Casper, Kenneth K., assignee, et al.: *See*—
Casper, Ervin J.

Celanese Corporation of America, assignee: *See*—
Dreyfus, Henry.
Dreyfus, Henry, and Pool.
Moncrieff, Robert W.
Moncrieff, Robert W., and Pool.

Chambers, John M., and E. V. Bunting, assignors to Harry Ferguson, Inc., Dearborn, Mich. Automatic depth control for groundworking implements. 2,437,875, Mar. 16.

Chapman, Harvey G., Jr.: *See*—
Brant, Walter R., and Chapman.

Chapman, Matthew H., Jr., Providence, R. I. Finger tip moistener for baseball pitchers. 2,438,037, Mar. 16.

Charlin, André M. B., Montrouge, France. Winding device for cinematograph films and other applications. 2,437,997, Mar. 16.

Chemical Laboratories, Inc., assignee: *See*—
Whitner, Thomas C.

Chiappe, Caesar F., Philadelphia, and J. W. Kroeger, Drexel Hill Plaza, Pa., assignors to Fred'k H. Levey Co., Incorporated, New York, N. Y. Printing ink. 2,437,908, Mar. 16.

Chicago Eye Shield Company, assignee: *See*—
Malcom, Robert L.

Chilcote, Archibald M., Glen Ellyn, Ill. Hand garden cultivator and furrow former. 2,437,805, Mar. 16.

Childs, David, A. E. Braun, and J. Hanson, Sunnyvale, Calif., assignors to Libby, McNeill & Libby, Chicago, Ill. Treating tomatoes. 2,437,937, Mar. 16.

Cislak, Francis E., and W. R. Wheeler, assignors to Reilly Tar & Chemical Corporation, Indianapolis, Ind. Catalytic oxidation of substituted pyridine bases. 2,437,938, Mar. 16.

Clarostat Mfg. Co., Inc., assignee: *See*—
Mucher, George J.

Cleaver-Brooks Company, assignee: *See*—
Bready, William M.

Clifford, Albert M., and J. G. Lichty, Stow, assignors to Wingfoot Corporation, Akron, Ohio. Beta-halogenated unsaturated nitriles. 2,437,998, Mar. 16.

Clifford, Albert M., Stow, and J. G. Lichty, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Dialkoxy propionitriles. 2,438,090, Mar. 16.

Cohn, Seymour B., Cambridge, Mass., assignor to the United States of America, as represented by the Secretary of War. Signal receiver and warning device. 2,437,876, Mar. 16.

Colaiaco, August P.: *See*—
Cox, Joseph H., Colaiaco, and Rose.
Stoltenberg, Glenn R., and Colaiaco.

Collette, Hiawatha F.: *See*—
Whitson, Mercer L., and Collette.

Columbia Broadcasting System, Inc., assignee: *See*—
Goldmark, Peter C.

Conner, Edward A., Stratford, assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Winding machine. 2,437,725, Mar. 16.

Cooley, Austin G., New York, N. Y., assignor to Times Facsimile Corporation. Support for electrooptical apparatus. 2,437,848, Mar. 16.

Cooper, Howell C., Sewickley, Pa. Storage means for liquefied gas. 2,437,909, Mar. 16.

Cornelius, Frank H., assignor to Armstrong Cork Company, Lancaster, Pa. Moisture control device. 2,437,680, Mar. 16.

Cornell Research Foundation, Inc., assignee: *See*—
Steward, Colby W., and Rivenburgh.

Corning Glass Works, assignee: *See*—
Hyde, James F., and Johannson.

Cornwell, Ralph T. K., and D. S. Porter, Fredericksburg, Va., assignors, by mesne assignments, to American Viscose Corporation, Wilmington, Del. The clarification of fermented liquors. 2,437,939, Mar. 16.

Cox, Fred W., Cuyahoga Falls, and J. M. Wallace, Jr., assignors to Wingfoot Corporation, Akron, Ohio. Color stabilization of vinyl halide resins. 2,438,102, Mar. 16.

Cox, Joseph H., Pittsburgh, A. P. Colaiaco, Wilkinsburg, and H. A. Rose, Pittsburgh, Pa., assignors, by mesne assignments, to the United States of America, as represented by the United States Atomic Energy Commission. Pump. 2,437,849, Mar. 16.

Cramer, Roy A., Jr.: *See*—
Cramer, Roy A., H. W., and R. A., Jr.

Cramer, Roy A., H. W., and R. A. Jr., Kansas City, Mo Pivoted spring back rest. 2,437,940, Mar. 16.

Craver, John K., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Removing paint, varnish, and lacquer films from surfaces. 2,438,038, Mar. 16.

Cribben and Sexton Company, assignee: *See*—
Buhman, Conrad J., and Mendel.

Crockett, Robert E., and P. S. Haselton, Montclair, N. J. Submerged-belt type magnetic separator. 2,437,681, Mar. 16.

Croft, Harold S., Elwood, Victoria, Australia. Unitary sanitary napkin. 2,438,039, Mar. 16.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Receiver and wave monitor. 2,437,910, Mar. 16.

Curd, Francis H. S., C. G. Raison, and F. L. Rose, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Pyrimidine compounds and making the same. 2,437,682, Mar. 16.

Curd, Francis H. S., C. G. Raison, and F. L. Rose, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Pyrimidine compounds and method of producing same. 2,437,683, Mar. 16.

Curson, Thomas: *See*—
Dowell, John H., Sternberg, and Curson.

Curtiss-Wright Corporation, assignee: *See*—
Griffin, Harry M.
Jones, Dedger.

Custer, Willard R., Hagerstown, Md. Aircraft having high-lift wing channels. 2,437,684, Mar. 16.

Cutler-Hammer, Inc., assignee: *See*—
Rosing, Theodore F., and Seeger.

Dana, Charles A., North Plainfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Locking apparatus for elevator platforms. 2,437,999, Mar. 16.

Davies, Ray L.: *See*—
Earley, Samuel C. and N. B., and Sanders, Skareen, Davies, and Hughes.

Davis, Arthur C., Burbank, Calif. Polarized relay. 2,437,726, Mar. 16.

Dempster, George R., Knoxville, Tenn. Transporting equipment. 2,437,806, Mar. 16.

Dennis, William O., San Dimas, Calif. Grinding apparatus. 2,437,850, Mar. 16.

Derr, Willard A., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Telemetering system. 2,438,000, Mar. 16.

Dexter Folder Company, assignee: *See*—
Schneider, Walter E.

Dittmar, William R., Williamsport, Pa., asisgnor to Avco Manufacturing Corporation. Link-pin retaining device for radial engines. 2,437,877, Mar. 16.

Dockendorff, Ralph L., Goose Creek, Tex., assignor to Standard Oil Development Company. Toluene sulfonic acid treatment of aromatic hydrocarbons. 2,438,001, Mar. 16.

Dolan, Harry: *See*—
Carnegie, Herbert S., and Dolan.

Donnelly, Emmett, administrator, assignee et al.: *See*—
Thorp, Clark E., and Anderson.

Dorgelo, Eduard G., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electron discharge tube with partially coated grid. 2,437,941, Mar. 16.

Dorr Company, The, assignee: *See*—
Scott, Charles H.
Scott, Charles H., and Graner.

Dowell, John H., London, R. S. Sternberg, Ilford, and T. Curson, Foleshill, Coventry, assignors to Alfred Herbert Limited, Coventry, England. Optical projection dividing head. 2,437,807, Mar. 16.

Drettmann, Henry, Detroit, Mich. Loading device. 2,437,808, Mar. 16.

Dreyfus, Henry, deceased, London, England; C. Bonard, administrator, assignor to Celanese Corporation of America. Process and apparatus for the melt extrusion of artificial materials. 2,437,685, Mar. 16.

Dreyfus, Henry, deceased, London, England; C. Bonard, administrator, assignor to Celanese Corporation of America. Process for the extrusion of fused artificial materials. 2,437,686, Mar. 16.

Dreyfus, Henry, deceased, London, and W. Pool, Spondon, near Derby, England; C. Bonard, administrator, assignors to Celanese Corporation of America. Melt extrusion of artificial filaments, films, and the like and apparatus therefor. 2,437,687, Mar. 16.

Drumheller, Edward L., Buena Vista, Va. Toy gun. 2,437,727, Mar. 16.

Drumheller, Edward L., Buena Vista, Va. Rotary magazine for toy guns. 2,437,728, Mar. 16.

Duggan, William H., Chicago, Ill. Measuring device with gravity operated valves. 2,438,002, Mar. 16.

Duhaime, Marshall D., White Plains, N. Y. Hydraulic wheel drive. 2,438,040, Mar. 16.

Dunford, Ernest, assignor to Landis Machine Company, St. Louis, Mo. Pad support for shoe presses. 2,437,942, Mar. 16.

Dunville, John G., assignor to Sears, Roebuck and Co., Chicago, Ill. Thermostatic damper control. 2,437,878. Mar. 16.

Du Pont, E. I., de Nemours & Company, assignee: *See*—
Benning, Anthony F., and Park.
Laucius, Joseph F., and Williams.
Leach, Elden E., Jr.
Plass, Curtis E., and Sullivan.
Roland, John R.
Verbanc, John J.
Walling, Cheves.

Dutcher, Harris A., Borger, Tex., assignor to Phillips Petroleum Company. Producting styrene from butadiene. 2,438,041, Mar. 16.

Earley, Norman B.: *See*—
Earley, Samuel C. and N. B., and Sanders, Skareen, Davies, and Hughes.

Earley, Samuel C. and N. B., E. J. Sanders, W. C. Skareen, R. L. Davies, and J. A. Hughes, Toledo, Ohio, assignors, by mesne assignments, to Evans Products Company, Detroit, Mich. Variable pitch fan blade assembly. 2,437,810, Mar. 16.

Earman, John B., West Palm Beach, Fla. Pontic tooth. 2,437,943, Mar. 16.

Easter, Edward M., Detroit, Mich. Belt buckle. 2,437,729, Mar. 16.

Edgarton, Frank, assignor to Stromberg-Carlson Company, Rochester, N. Y. Selector switch. 2,438,042, Mar. 16.

Edwards, Charles E., Santa Paula, Calif. Vehicle turn signal. 2,437,944, Mar. 16.

Edwards, Karl C., Chase, and D. D. Jones, Towson, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Closure. 2,438,003, Mar. 16.

Elsinger, Roger W., Washington, D. C. Window. 2,437,730, Mar. 16.

Elder, Lucius W., Madison, and H. S. Levenson, Orange, N. J., assignors to General Foods Corporation, New York, N. Y. Hydrocaffeic acid and esters as antioxidants. 2,437,731, Mar. 16.

Engel, Erich, Tonteg, near Pontypridd, and M. Salamon, Cardiff, Wales, assignors to Aero Zipp Fasteners Limited, London, England. Press tool. 2,437,945, Mar. 16.

Engelbrecht, Henry C., Carthage, Mo. Switch operator for lamp tables. 2,437,809, Mar. 16.

English Electric Company Limited, The, assignee: *See*—
Carnegie, Herbert S., and Dolan.

Ernst, Gottlieb, Cordell, Okla. Mail box. 2,438,043, Mar. 16.

Evans, Cyril D., Peoria, Ill., and R. H. Manley, St. Paul, Minn., assignors to United States of America as represented by the Secretary of Agriculture. Plasticized prolamine composition. 2,437,946, Mar. 16.

Evans Products Company, assignee: *See*—
Earley, Samuel C. and N. B., and Sanders, Skareen, Davies, and Hughes.

Falkoff, Adin D., Brooklyn, assignor to Universal Camera Corporation, New York, N. Y. Mounting for and including optical refracting means and method of forming the same. 2,437,947, Mar. 16.

Fawcett, Eric W. M., G. I. Jenkins, and J. Habershaw, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Production of branched chain hydrocarbons catalyzed by a metal halide catalyst supported by a composite of alumina and titania. 2,437,948, Mar. 16.

Ferguson, Harry, Inc., assignee: *See*—
Chambers, John M., and Bunting.

Ferguson, Henry G., Arlington, Belfast, Ireland. Two-way plow. 2,437,879, Mar. 16.

Ferrel, Clyde B., San Francisco, Calif., assignor to Ferrel Industries, Inc., Reno, Nev. Apparatus for propelling and increasing the lift of airplanes. 2,437,732, Mar. 16.

Ferrell Industries, Inc., assignee: *See*—
Ferrel, Clyde B.

Fincher, Walter, Salina, Kans. Roll stabilizer for taking up play in bearings of roll mills. 2,437,733, Mar. 16.

Firing, Osborne, Staten Island, N. Y., and R. M. Gibbons, Jr., Meadville, Pa., assignors to Talon, Inc. Tape for slide fasteners. 2,437,734, Mar. 16.

First Industrial Corporation, assignee: *See*—
Saretzky, Simon.

Flagstad, Cornell, Minneapolis, Minn. Grain car door implement. 2,437,780, Mar. 16.

Folden, Russell E., Oakland, Calif. Emergency tire carrier. 2,437,811, Mar. 16.

Forsell, Eric G., Kenmore, N. Y., assignor to W. H. Miner, Inc., Chicago, Ill. Apparatus for X-ray photographing tubular steel castings. 2,437,688, Mar. 16.

Fox, Martin, and G. F. Hassel, Chicago, Ill., assignors to The Seng Company. Sofa bed hinge structure. 2,437,949, Mar. 16.

Francis, Carleton S., Jr., West Harwick, Mass., assignor, by mesne assignments, to American Viscose Corporation, Wilmington, Del. Process for making needle felts. 2,437,689, Mar. 16.

Frankowiak, Nicholas W., Schaller, Iowa. Pump jack. 2,437,911, Mar. 16.

Freel, John A., Bay City, Mich. Frenum guide. 2,437,812, Mar. 16.

Freesx, Tibor, assignor to Camloc Fastener Corporation, New York, N. Y. Fastener construction. 2,438,044, Mar. 16.

French Look, Inc., The, assignee: *See*—
Licht, Anna.

Frondel, Clifford, Flushing, assignor to Reeves-Ely Laboratories, Inc., New York, N. Y. Quartz oscillator plate. 2,437,912, Mar. 16.

Frondel, Clifford, Flushing, assignor to Reeves-Ely Laboratories, Inc., New York, N. Y. Quartz oscillator plate. 2,437,913, Mar. 16.

Frondel, Clifford, Flushing, assignor to Reeves-Ely Laboratories, Inc., New York, N. Y. Quartz oscillator plate. 2,437,914, Mar. 16.

Frondel, Clifford, Flushing, assignor to Reeves-Ely Laboratories, Inc., New York, N. Y. Quartz oscillator plate. 2,437,915, Mar. 16.

Fuller, Frederick L.: *See*—
Watson, Thomas J., Beattie, and Fuller.

Gaddini, Norman E., Winters, Calif. Machine for distributing fruit in rows on drying trays. 2,437,950, Mar. 16.

Garbuny, Max, and W. E. Pakala, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Lead-in bushing for vapor electric devices. 2,438,004, Mar. 16.

Garrett Corporation, Airesearch Manufacturing Company division, The, assignee: *See*—
Jensen, Raymond W.

Geigy, J. R., A. G., assignee: *See*—
Grun, Adolf.

General Aniline & Film Corporation, assignee: *See*—
Von Glahn, William H., and Stanley.

General Controls Co., assignee: *See*—
Ray, William A.

General Electric Company, assignee: *See*—
Godet, Sidney.
Langmuir, Irving, and Schaefer.
Reich, Philip J.
Schmitz, Anton W.

General Foods Corporation, assignee: *See*—
Elder, Lucius W., and Levenson.
Nickerson, John T. R.

General Motors Corporation, assignee: *See*—
Hutchinson, Philip H.

General Tire & Rubber Company, The, assignee: *See*—
Beward, Chalmer L.
Winkeljohn, Thomas H.

Gerhardt, Andrew H., Skokie, and A. P. Schulz, Hinsdale, Ill., assignors to Thor Corporation. Control dial assembly. 2,438,045, Mar. 16.

Getaz, James L., New York, N. Y. Method of and apparatus for separating knitted fabrics. 2,437,735, Mar. 16.

Giannuzzi, George A., Vestal, and K. J. Miller, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Making electrical units, such as commutators. 2,438,046, Mar. 16.

Gibbons, Robert M., Jr.: *See*—
Firing, Osborne, and Gibbons.

Gleason Works, assignee: *See*—
Wildhaber, Ernest.

Godet, Sidney, Albany, N. Y., assignor to General Electric Company. Follow-up control. 2,437,951, Mar. 16.

Godfrey, Robert C., assignor to The British Oxygen Company Limited, London, England. Cooling of fluids. 2,437,851, Mar. 16.

Goldblatt, Leo A.: *See*—
Savich, Theodore R., and Goldblatt.

Goldman, Samuel J., Philadelphia, Pa. Wig construction. 2,438,005, Mar. 16.

Goldmark, Peter C., New Canaan, Conn., assignor to Columbia Broadcasting System, Inc., New York, N. Y. Color television. 2,437,690, Mar. 16.

Good, James A., Grosse Pointe, Mich. Carrier for marine craft hulls and the like. 2,437,736, Mar. 16.

Graebe, Herman C., Bridgewater, Mass., assignor to The Murray Company, Dallas, Tex. Linter gin. 2,438,047, Mar. 16.

Graff, William R., Plainfield, and W. S. Harmon, Elizabeth, assignors to Merck & Co., Inc., Rahway, N. J. Separating diacetone and monoacetone sorbose. 2,437,852, Mar. 16.

Graham, William J., Rego Park, N. Y. Bookmark. 2,438,048, Mar. 16.

Graner, Frank L.: *See*—
Scott, Charles H., and Graner.

Grant Oil Tool Company, assignee: *See*—
Santiago, James J.

Greenwald, Willard F., Woodmere, assignor to Philip Morris & Company, Ltd., Inc., New York, N. Y. Apparatus for examining living tissue. 2,437,916, Mar. 16.

Griffin, Harry M., Webster Groves, Mo., assignor to Curtiss-Wright Corporation. Control for machine tools. 2,437,813, Mar. 16.

Gruender, Oscar C., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Pedestal type gyratory crusher. 2,438,049, Mar. 16.

Grün, Adolf, assignor to J. R. Geigy A. G., Basel, Switzerland. Manufacture of 2:4-diamino 1:3:5-triazines. 2,437,691, Mar. 16.

Gustafson, Gilbert E., River Forest, Ill., assignor to Zenith Radio Corporation. Electric cord. 2,438,006, Mar. 16.

Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Method and apparatus for packing containers. 2,437,952, Mar. 16.

Habeshaw, John: *See*—
Fawcett, Eric W. M., Jenkins, and Habeshaw.

Hagglund, Eold J., Erie, Pa. Toothbrush holder. 2,437,781, Mar. 16.

Halby, Edwin G., Marion, Ohio, assignor to Marion Power Shovel Company. Clutch operating mechanism. 2,437,737, Mar. 16.

Halien, Robert O., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Sealing means. 2,437,814, Mar. 16.

Hamilton Watch Company, assignee: *See*—
Bennett, William O., Jr.

Hänggi, Max, Fehren, Switzerland. Shearing machine drive. 2,437,738, Mar. 16.

Hanna, Raymond P., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Trolley conductor device. 2,438,007, Mar. 16.

Hansen, George H., Jr., assignor to C. E. Hovey, trustee, Kansas City, Mo. Bottle decapping and pouring mechanism for vending machines. 2,438,050, Mar. 16.

Hansgirg, Fritz J., Black Mountain, N. C., assignor to The Permanente Metals Corporation, Oakland, Calif. Magnesium production. 2,437,815, Mar. 16.

Hanson, James: *See*—
Childs, David, Braun, and Hanson.

Harmon, William S.: *See*—
Graff, William R., and Harmon.

Harris, Clarence E., Laurens, S. C. Connecting the dobby jack and the harness frame of a loom. 2,437,739, Mar. 16.

Harrison, Schuyler B., executor, et al.: *See*—
Watson, Thomas J., Beattie, and Fuller.

Hart, Edward W., San Diego, Calif. Magnetic compass. 2,437,692, Mar. 16.

Hartford National Bank and Trust Company, trustee, assignee: *See*—
Dorgelo, Eduard G.
Schmidt, Gerrit.

Hartman, Carl H., New Rochelle, assignor to St. Regis Paper Company, New York, N. Y. Heat-sealed valve bag. 2,437,693, Mar. 16.

Harwood Company, assignee: *See*—
Horowitz, Milton.

Harwood, Louis J., assignee: *See*—
Horowitz, Milton.

Harwood, Milton G., assignee: *See*—
Horowitz, Milton.

Haselton, Page S.: *See*—
Crockett, Robert E., and Haselton.

Hassel, George F.: *See*—
Fox, Martin, and Hassel.

Hastings, Russell, Jr., Wellesley, assignor to Lewis-Shepard Company, Watertown, Mass. Elevating truck. 2,437,953, Mar. 16.

Havill, Clinton H., South Orange, assignor to Bendix Aviation Corporation, Bendix, N. J. Accessory drive control. 2,437,954, Mar. 16.

Hawley, Don M., administrator, assignee, et al.: *See*—
Thorp, Clark E., and Anderson.

Hawley, Jesse B., assignee, et al.: *See*—
Thorp, Clark E., and Anderson.

Hawley Products Company, assignee: *See*—
Thorp, Clark E., and Anderson.

Haynes, Thomas M., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Replaceable nose for spot welding tips. 2,437,740, Mar. 16.

Hedstrom, Gustav V.: *See*—
Wahlberg, Nils E., and Hedstrom.

Heijmer, Gustaf B.: *See*—
Bergstrom, Hilding O. V., Heijmer, and Trobeck.

Hekman, Edsko and L. H., Grand Rapids, Mich., assignors to H. W. Jonkhoff, New York, N. Y. Steerable vehicle running gear. 2,437,816, Mar. 16.

Hekman, Louis H.: *See*—
Hekman, Edsko and L. H.

Hemphill Company, assignee: *See*—
St. Pierre, Eugene.

Hennessey, Silas W., Jr., Amityville, assignor to Camloc Fastener Corporation, New York, N. Y. Stud receptacle. 2,438,051, Mar. 16.

Hennessy, James J., Montclair, N. J. Railway journal lubricator. 2,437,817, Mar. 16.

Herbert, Alfred, Limited, assignee: *See*—
Dowell, John H., Sternberg, and Curson.

Hercules Powder Company, assignee: *See*—
Lister, Donald A.

Hernández, Norberto D., Rio Piedras, P. R. Safety container. 2,438,052, Mar. 16.

Hersh, Herman I., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Producing molding compounds comprising furfuryl alcohol reaction products. 2,437,955, Mar. 16.

Hessel, Ernest R., Spokane, Wash. Token holder. 2,437,956, Mar. 16.

Hettinga, Ralph M., assignor to Shakespeare Products Company, Kalamazoo, Mich. Motion transmitting device. 2,438,053, Mar. 16.

Hetzler, Walter A., Decatur, Ill. Machine for cutting potatoes, including a stationary cutter and reciprocating plunger. 2,437,818, Mar. 16.

Heuser, Marion F., Cincinnati, Ohio. Game apparatus. 2,437,819, Mar. 16.

Hickman, Clarence N., Jackson Heights, N. Y., assignor to United States of America, as represented by the Secretary of War. Method for blending powder grains. 2,437,694, Mar. 16.

Hitchings, George H., Tuckahoe, assignor to Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Preparation of dihydroxanthopterin and xanthopterin. 2,437,853, Mar. 16.

Hoach, Roy H., Detroit, Mich. Window ventilator. 2,437,741, Mar. 16.

Hoeb, Charles, Santa Rosa, Calif. Apparatus for preparing livestock feed. 2,437,917, Mar. 16.

Hofmann, George, assignor to American Locker Company, Inc., Boston, Mass. Coin controlled lock. 2,437,742, Mar. 16.

Hoinowski, Jakob, Nekoosa, Wis. Toy airplane. 2,437,743, Mar. 16.

Holliday, Margaret M., Detroit, Mich. Sadiron holder. 2,438,054, Mar. 16.

Holohan, Bartholomew, New York, assignor to Nelpin Manufacturing Company, Long Island City, N. Y. Lathe center. 2,437,957, Mar. 16.

Holt, William E., Oakland, Calif. Floor surfacing machine. 2,437,958, Mar. 16.

Hoop, John G., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas-tight seal and terminal for electric furnaces. 2,438,008, Mar. 16.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Manufacture of composite metal articles. 2,437,782, Mar. 16.

Horney, Amos G.: *See*—
Vance, Robert M., and Horney.

Horowitz, Milton, assignor to Harwood Company, Farmingdale, N. J., a firm composed of M. G. Harwood and L. J. Harwood. Poultry blinder clip. 2,437,959, Mar. 16.

Horvath, John W., Bronx, N. Y. Telescope attachment for firearms. 2,437,744, Mar. 16.

Hovey, C. Earl, trustee, assignee: *See*—
Hansen, George H., Jr.

Howard, Kenneth L.: *See*—
Poor, Edward N., and Howard.

Hudson, Edwin B., Middletown, Ohio. Rotary shaft construction. 2,437,820, Mar. 16.

Hughes, John T., Chicago, Ill. Fender structure. 2,437,960, Mar. 16.

Hughes, Joseph A.: *See*—
Earley, Samuel C. and N. B., and Sanders, Skareen, Davies, and Hughes.

Hughes, Leigh E., Indianapolis, Ind. Hydraulic pulsator system and make-up means therefor. 2,437,821, Mar. 16.

Hutchinson, Philip H., Montclair, N. J., assignor to General Motors Corporation, Detroit, Mich. Work gauging device for bore grinding machines. 2,437,783, Mar. 16.

Hyde, James F., and O. K. Johannson, assignors to Corning Glass Works, Corning, N. Y. Preparation of salts of mono-organo silanols. 2,438,055, Mar. 16.

I. T. E. Circuit Breaker Company, assignee: *See*—
Scott, William M., Jr.

Imperial Chemical Industries Limited, assignee: *See*—
Curd, Francis H. S., Raison, and Rose.

Imperial Trust for the Encouragement of Scientific and Industrial Research, The, assignee: *See*—
Walls, Leslie P.

Imperial Typewriter Company Limited, The, assignee: *See*—
Brumhill, Claude W., and Pateman.

Industrial Patents Corporation, assignee: *See*—
Petrullo, Felice.

Ingersoll-Rand Company, assignee: *See*—
Lincoln, Paul A.

Ingraham, Lloyd L.: *See*—
Lyons, Daniel J., Lazar, and Ingraham.

International Business Machines Corporation, assignee: *See*—
Carroll, Fred M., and Benson.
Giannuzzi, George A., and Miller.
Johnson, Reynold B., and Larrabee.
Luhn, Hans P.
Page, Ralph E., and Beattie.
Watson, Thomas J., Beattie, and Fuller.

International Harvester Company, assignee: *See*—
Mott, Carl W.
Orendorff, John W.
Pool, Stuart D.
Welty, Albert B.

Jacobs, Irvin N., Kansas City, Mo., and Herbert C. Jones, Easton, Kans. Mechanical pitching and batting device for baseball games. 2,437,745, Mar. 16.

Jansky, Karl G., Little Silver, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Three-dimension radio direction finder. 2,437,695, Mar. 16.

Jarvi, Reino A.: *See*—
Stephan, John T., Jarvi, and Ash.

Jeffrey Manufacturing Company, The, assignee: *See*—
Mercier, Stanley M.
Whitney, Paul V.

Jenkins, Gwilym I.: *See*—
Fawcett, Eric W. M., Jenkins, and Habeshaw.

Jensen, Raymond W., assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Los Angeles, Calif. Thermostatic shutter control and surge protection. 2,437,961, Mar. 16.

Johannson, Oscar K.: *See*—
Hyde, James F., and Johannson.

Johnson, Reynold B., and C. E. Larrabee, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Ratio computing phase shift indicator. 2,438,056, Mar. 16.

Johnstone, George K., assignor to J. H. Carruthers & Company Limited, Glasgow, Scotland. Slide valve assembly for the fluid pressure power cylinders of duplex reciprocators. 2,437,854, Mar. 16.

Jones, David D.: *See*—
Edwards, Karl C., and Jones.

Jones, Dedger, Columbus, Ohio, assignor to Curtiss-Wright Corporation. Combined drill and deburring tool. 2,437,822, Mar. 16.

Jones, Herbert C.: *See*—
Jacobs, Irvin N., and Jones.

Jonkhoff, Henri W., assignee: *See*—
Hekman, Edsko and L. H.

Jonkhoff, Henri W., New York, N. Y. Wheeled carriage for vehicles. 2,437,823, Mar. 16.

Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for operating on shoes. 2,437,696, Mar. 16.

Kaiser Fleetwings, Inc., assignee: *See*—
Knox, Thomas.

Kalon, Lawrence, Chicago, Ill. Electrical probe. 2,437,697, Mar. 16.

Keall, Frank B., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastener inserting machine. 2,437,746, Mar. 16.

Keller-Dorian Colorfilm Corporation, assignee: *See*—
Wright, Arthur.

Kellogg, M. W., Company, The, assignee: *See*—
Hopkins, Robert K.

Kilham, Peter, Attleboro, Mass. Bending brake having unitary actuating means for clamping and bending sheet metal. 2,438,057, Mar. 16.

Kincheloe, Dwight N., Quincy, Ill. Air supply device for respirators. 2,438,058, Mar. 16.

King, George E., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric motor control system. 2,438,010, Mar. 16.

Kinn, Theodore P., and D. R. Tashjian, Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,438,009, Mar. 16.

Kishline, Floyd F., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Method of assembling pistons. 2,437,824, Mar. 16.

Klain, Benjamin V., assignee: *See*—
Miller, Elwood A.

Knox, Thomas, Newtown, Pa., assignor, by mesne assignments, to Kaiser Fleetwings, Inc. Shock absorbing strut for aircraft. 2,438,011, Mar. 16.

Koenig, Paul, assignee: *See*—
Rich, Carl.

Kohn, Max, Brooklyn, N. Y. Lampshade. 2,437,825, Mar. 16.

Koppers Company, Inc., assignee: *See*—
Rhodes, Philip H.

Kroeger, John W.: *See*—
Chiappe, Caesar F., and Kroeger.

Kropa, Edward L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Copolymers of allyl esters of polybasic acid with saturated monohydric alcohol esters of unsaturated polycarboxylic acid. 2,437,962, Mar. 16.

Kuhn, Frank, Detroit, and L. H. Thomas, Birmingham, assignors to American Electrical Heater Company, Detroit, Mich. Electrically heated tool. 2,437,747, Mar. 16.

Kusch, Polykarp, New York, N. Y., assignor to the United States of America, as represented by the Secretary of War. Cathode support structure. 2,437,880, Mar. 16.

La Brant, Alvin M., San Diego, Calif. Rotatable holder for ice cards. 2,437,826, Mar. 16.

Lackey, Rufus M., Birmingham, Ala., assignor to Brown Service Funeral Homes Company, Inc. Folding cot. 2,438,059, Mar. 16.

Laidig, Alfred H., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Lamp holders. 2,438,012, Mar. 16.

Landis Machine Company, assignee: *See*—
Dunford, Ernest.

Lang, Wilmarth Y., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Printer and control system therefor. 2,437,698, Mar. 16.

Langmuir, Irving, and V. J. Schaefer, Schenectady, N. Y., assignors to General Electric Company. Method and apparatus for producing aerosols. 2,437,963, Mar. 16.

Larrabee, Clinton E.: *See*—
Johnson, Reynold B., and Larrabee.

Lasdell Products Co.: *See*—
Laskin, Louis J.

Laskin, Louis J., assignor to W. I. Zidell and L. J. Laskin, both of Los Angeles, Calif., doing business as Lasdell Products Co., Los Angeles, Calif. Nonspillable cup. 2,437,784, Mar. 16.

Lathrop-Paulson Company, The, assignee: *See*—
Rufus, Otto B.

Laucius, Joseph F., Wilmington, Del., and W. W. Williams, Albany, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Copper complexes of dianisidine disazo dyes. 2,437,699, Mar. 16.

Lauck, John A.: *See*—
Roth, Jay M., and Lauck.

Lawson, Birdsall P., assignor to Pilling Chain Company, Providence, R. I. Mechanism for bending slider bodies. 2,438,060, Mar. 16.

Lazar, Arthur: *See*—
Lyons, Daniel J., Lazar, and Ingraham.

Leach, Elden E., Jr., Norristown, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Veneering elastomers. 2,437,855, Mar. 16.

Lear, Incorporated, assignee: *See*—
Lear, William P.

Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Remote positioning control. 2,438,061, Mar. 16.

Lenehan, Bernard E.: *See*—
Young, Douglass A., Lunas, and Lenehan.

Lesavoy, Ely: *See*—
Artzt, William W., and Lesavoy.

Levenson, Harold S.: *See*—
Elder, Lucius W., and Levenson.

Lever Brothers Company, assignee: *See*—
Paterson, William J.

Levey, Fred'k H., Co., Incorporated, assignee: *See*—
Chiappe, Caesar F., and Kroeger.

Lewis-Shepard Company, assignee: *See*—
Hastings, Russell, Jr.

Libby, McNeill & Libby, assignee: *See*—
Childs, David, Braun, and Hanson.

Licht, Anna, New York, N. Y., assignor to The French Look, Inc., Paterson, N. J. Lady's garment. 2,438,062, Mar. 16.

Lichty, Joy G.: *See*—
Clifford, Albert M., and Lichty.

Lincoln, Paul A., Bloomsbury, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Pressure fluid controlling device. 2,437,856, Mar. 16.

Lisle Mills, Inc., assignee: *See*—
Artzt, William W.
Artzt, William W., and Lesavoy.

Lister, Donald A., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Terpene product. 2,437,857, Mar. 16.

Lloyd, Robert V., New York, N. Y. Nursing bottle attachment. 2,438,066, Mar. 16.

Lobley, Frederick A., and W. E. Lowell, assignors to Miles Laboratories, Inc., Elkhart, Ind. Crushing roll apparatus for reducing to powder materials packaged in tablet form. 2,437,881, Mar. 16.

Lockheed Aircraft Corporation, assignee: *See*—
Hallen, Robert O.

Lorenz-Risler, Louise, assignor to A. L. Lutz, Zurich, Switzerland. Ribbon threading mechanism. 2,438,063, Mar. 16.

Loux, John H., assignor to The Salem Engineering Company, Salem, Ohio. Heating and quenching apparatus. 2,438,064, Mar. 16.

Love, James E., Garfield, Wash. Harvesting mechanism. 2,438,065, Mar. 16.

Lowell, Walter E.: *See*—
Lobley, Frederick A., and Lowell.

Luhn, Hans P., Armonk, assignor to International Business Machines Corporation, New York, N. Y. Circuit breaker. 2,438,067, Mar. 16.

Lukowitz, Bernard V., Milwaukee, Wis. Trick walking cane. 2,438,014, Mar. 16.

Lunas, Lawrence J.: *See*—
Young, Douglass A., Lunas, and Lenehan.

Lund, Werner J., Staples, Minn. Hand operated abrading and polishing tool. 2,437,827, Mar. 16.

Lustig, Bernard: *See*—
Michaels, Edwin B., and Lustig.

Lutz, Alfred L., assignee: *See*—
Lorenz-Risler, Louise.

Lynch, Kathryn L., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Aspartic acid esters and their preparation. 2,438,091, Mar. 16.

Lynch, Kathryn L., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. N-sulfodicarboxylic acid aspartates. 2,438,092, Mar. 16.

Lynn, Clarence, Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Shunted brush. 2,438,015, Mar. 16.

Lyons, Daniel J., Martinez, A. Lazar, Berkeley, and L. L. Ingraham, Los Angeles, assignors to Tide Water Associated Oil Company, San Francisco, Calif. Alkylation of aromatic hydrocarbons with sulfuric acid catalyst avoiding sulfonation of product. 2,437,828, Mar. 16.

MacFarland, Jay W., Jr., U. S. Navy. Aircraft. 2,437,700, Mar. 16.

Mahoney, John F., Westfield, and H. H. Bassford, Jr., Garwood, assignors to Merck & Co., Inc., Rahway, N. J. Treating diacetone sorbose and monoacetone sorbose. 2,437,858, Mar. 16.

Malcom, Robert L., Chicago, Ill., assignor to Chicago Eye Shield Company. Adjustable headband construction. 2,437,748, Mar. 16.

Mallick, Leo M., Chicago, Ill. Bottle closure. 2,437,882, Mar. 16.

Mallory, B. L., The, assignee: *See*—
Mallory, Bonnie L.

Mallory, Bonnie L., Cleveland Heights, Ohio, assignor to The B. L. Mallory Company, Hazel Park, Mich. Shock absorber. 2,437,749, Mar. 16.

Mallory, Marion, Detroit, Mich. Engine governor. 2,437,883, Mar. 16.

Mallory, P. R., & Co., Inc., assignee: *See*—
Haynes, Thomas M.
Wall, Alexander C.

Manley, Ralph H.: *See*—
Evans, Cyril D., and Manley.

Mann, John D., National City, Calif. Shear testing device. 2,437,750, Mar. 16.

Marathon Corporation, assignee: *See*—
Riege, Harold, and Siewert.

Mardock, Edwin S.: *See*—
Brunner, Eugene M., and Mardock.

Marion Power Shovel Company, assignee: *See*—
Halby, Edwin G.

Marling, Paul E., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Finish remover composition. 2,437,964, Mar. 16.

Mason, Elliott W., Spokane, Wash., assignor to Aluminum Company of America, Pittsburgh, Pa. Scalping machine control apparatus. 2,437,829, Mar. 16.

Maynard, Charles E., assignor to The Pro-Phy-Lac-Tic Company, Florence, Mass. Method for making plastic comb holders. 2,437,884, Mar. 16.

McAllister, Alma S., Morris, Minn. Combination girdle and pantie. 2,437,830, Mar. 16.

McComb, Richard J.: *See*—
Woodings, Wilbert H., Skowron, and McComb.

McCormack, Robert B., Milltown, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Producing penicillin. 2,437,918, Mar. 16.

McCoy, Howard M., Fairfield, Ohio. Aircraft propeller. 2,437,701, Mar. 16.

McGreal, Martin E.: *See*—
Niederl, Joseph B. and V., and McGreal.

McMurray, Harry G., Wakefield, assignor to Safety Box Toe Company, Holliston, Mass. Safety shoe and process of making the same. 2,438,016, Mar. 16.

Mendel, Leo E.: *See*—
Buhman, Conrad J., and Mendel.

Mercier, Stanley M., Bexley, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company. Conveyor slack take-up mechanism. 2,438,068, Mar. 16.

Merck & Co., Inc., assignee: *See*—
Graff, William R., and Harmon.
Mahoney, John F., and Bassford.
Wolf, Donald E., and Shabica, Jr.

Merstick, Frank W., Cleveland, Ohio. Motor vehicle refrigerator. 2,437,885, Mar. 16.

Michaels, Edwin B., and Bernard Lustig, assignors to Lawrence Richard Bruce, Incorporated, Stamford, Conn. Relaxing keratinous fibres. 2,437,965, Mar. 16.

Miles Laboratories, Inc., assignee: *See*—
Lobley, Frederick A., and Lowell.

Millard, Irwin W., and E. W. Beatty, Danville, Ill. Protecting device for industrial gloves. 2,437,886, Mar. 16.

Miller, Elwood A., assignor of fifty per cent to Benjamin V. Klain, Indianapolis, Ind. Invalid bed. 2,438,093, Mar. 16.

Miller, Kenneth J.: *See*—
Giannuzzi, George A., and Miller.

Miller Pottery Engineering Company, assignee: *See*—
Miller, William J., and Reek.

Miller, William J., Swissvale, and A. J. Reek, Carrick, assignors to Miller Pottery Engineering Company, Swissvale, Pa. Conveyer for transporting pottery molds. 2,437,702, Mar. 16.

Miner, W. H., Inc., assignee: *See*—
Forssell, Eric G.

Mingea, John, Long Island City, N. Y. Facial invigorating apparatus. 2,438,069, Mar. 16.

Missouri Automatic Control Corporation, assignee: *See*—
Yelda, John O.

Mitchell, John W.: *See*—
Stevenson, Elmer C., and Mitchell.

Mitchell, Robert, Detroit, Mich. Lock nut. 2,437,751, Mar. 16.

Moncrieff, Robert W., Spondon, near Derby, England, assignor, by mesne assignments, to Celanese Corporation of America. Process and apparatus for the extrusion of fused artificial materials. 2,437,703, Mar. 16.

Moncrieff, Robert W., and W. Pool, Spondon, near Derby, England, assignors, by mesne assignments, to Celanese Corporation of America. Method and apparatus for the melt extrusion of artificial materials. 2,437,704, Mar. 16.

Monroe, Frank A., Jr.: *See*—
Brown, James M., Bemis, and Monroe.

Monsanto Chemical Company, assignee: *See*—
Craver, John K.
Marling, Paul E.
Mowry, David T.
Seymour, Raymond B., and Mowry.
Stephan, John T., Jarvi, and Ash.

Montagné, Elisée, Saint-Girons, assignor to Societe L'Entreprise Industrielle, Paris, France. Apparatus for regulating water streams and sand clearing devices. 2,438,103, Mar. 16.

Moore, John C., assignor to Rex Manufacturing Company, Inc., Connersville, Ind. Apparatus for applying insulation. 2,437,831, Mar. 16.

Morris, Philip, & Company, Ltd., Inc., assignee: See—
Greenwald, Willard F.

Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Pump. 2,437,887, Mar. 16.

Moultrop, Orville Lee, Selma, assignor to Western Frozen Foods Co., Fresno, Calif. Preparing fresh green vegetables. 2,437,859, Mar. 16.

Mowry, David T.: *See*—
Seymour, Raymond B., and Mowry.

Mowry, David T., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Interpolymer of styrene and fumarodinitrile plasticized with an alkyl phthalyl alkyl glycollate. 2,437,966, Mar. 16.

Mucher, George J., assignor to Clarostat Mfg. Co., Inc., Brooklyn, N. Y. Electrical instrument coupling. 2,437,785, Mar. 16.

Mullard Radio Valve Company Limited, The, assignee: *See*—
Bailey, Christopher E. G.

Murcek, Slavo J., Duquesne, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,438,017, Mar. 16.

Murphy, John P., Jr., Chicago, Ill. Lading brace for freight cars. 2,437,832, Mar. 16.

Murray Company, The, assignee: *See*—
Graebe, Herman C.

Narkl, Bettie, Cleveland, Ohio. Thread case. 2,437,888, Mar. 16.

Nash, John C., Providence, R. I. Tenter machine clip. 2,437,967, Mar. 16.

Nash-Kelvinator Corporation, assignee: *See*—
Kishline, Floyd F.
Wahlberg, Nils E., and Hedstrom.

Nelpin Manufacturing Company, assignee: *See*—
Holohan, Bartholomew.

Nickerson, John T. R., Wakefield, Mass., assignor to General Foods Corporation, New York, N. Y. Stabilization of frozen grapefruit. 2,437,752, Mar. 16.

Niederhauser, Warren D.: *See*—
Bruson, Herman A., and Niederhauser.

Niederl, Joseph B., Brooklyn, and V. Niederl, Round Top, N. Y., and M. E. McGreal, Somersworth, N. H. N-benzyl-N-myristyl morpholinium halides. 2,437,833, Mar. 16.

Niederl, Victor: *See*—
Niederl, Joseph B. and V., and McGreal.

Nixon, Alan C., and D. L. Yabroff, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Treating hydrocarbons. 2,438,018, Mar. 16.

Nordberg, Charles H., Chicago Heights, Ill., assignor to Pettibone Mulliken Corporation. Cast rail crossing structure. 2,438,070, Mar. 16.

Nordberg Manufacturing Company, assignee: *See*—
Gruender, Oscar C.

Nordsieck, Arnold T., New York, N. Y., assignor to the United States of America, as represented by the Secretary of War. High-frequency tuning device. 2,437,889, Mar. 16.

Nunes, Robert K., assignee: *See*—
Overton, George N.

Oberdorf, George S., and T. J. Oberdorf, Chula Vista, Calif. Tether apparatus. 2,437,786, Mar. 16.

Oberdorf, Thelma J.: *See*—
Oberdorf, George S. and T. J.

Oganowski, Kasimir, Franklin, assignor to The American Rolling Mill Company, Middletown, Ohio. Improving the adherence of aluminum coatings. 2,437,919, Mar. 16.

Olin Industries, Inc., assignee: *See*—
Wilson, Golder P.

Oliver, John R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Roughening machine. 2,437,753, Mar. 16.

Orendorff, John W., Canton, Ill., assignor to International Harvester Company. Dump cart. 2,437,890, Mar. 16.

Overton, George N., assignor of one-half to Robert Karl Nunes, Kingston, Jamaica, British West Indies. Vaccination syringe. 2,437,920, Mar. 16.

Owens-Illinois Glass Company, assignee: *See*—
Ball, Charles O., Swope, and Scott.
Hersh, Herman I.

Pace, Henry A., assignor to Wingfoot Corporation, Akron, Ohio. Preparing fumaric nitrile. 2,438,019, Mar. 16.

Packard, Olive M., assignee, et al.: *See*—
Tietsema, Tim.

Page, Ralph E., West Orange, N. J., and H. S. Beattie, Poughkeepsie, assignors to International Business Machines Corporation, New York, N. Y. Perforated card controlled alphabet and numeral printer. 2,438,071, Mar. 16.

Pakala, William E.: *See*—
Garbuny, Max, and Pakala.

Palotsee, John J., Youngstown, Ohio. Washer for articles or the like. 2,437,968, Mar. 16.

Park, Joseph D.: *See*—
Benning, Anthony F., and Park.

Parke, Davis & Company, assignee: *See*—
Rieveschl, George, Jr.

Parker, Van A., San Diego, Calif. Panoramic camera tripod control. 2,437,787, Mar. 16.

Pastoret, John E.: *See*—
Rambo, Rawdon E., and Pastoret.

Pateman, Arthur: *See*—
Brumhill, Claude W., and Pateman.

Patents Corporation, The, assignee: *See*—
Tanner, Robert R.

Paterson, William J., Newton Highlands, Mass., assignor to Lever Brothers Company. Hydrobleaching and hardening glyceride oils. 2,437,705, Mar. 16.

Paterson, William J., Newton Highlands, assignor to Lever Brothers Company, Cambridge, Mass. Hydrobleaching glyceride oils. 2,437,706, Mar. 16.

Paul, Nathan, Long Island, assignor to Elliott F. Barlow, Yonkers, N. Y. Deformable switch. 2,437,969, Mar. 16.

People in the Territory of the United States, Dedicated to the free use of the: *See*—
Sweet, Carroll V.

Peritz, Bernard B., New York, N. Y. Cuticle stick and nail cleaner. 2,437,834, Mar. 16.

Permanente Metals Corporation, The, assignee: *See*—
Hansgirg, Fritz J.

Petrullo, Felice, Jersey City, N. J., assignor to Industrial Patents Corporation, Chicago, Ill. Elevator switch. 2,438,094, Mar. 16.

Pettibone Mulliken Corporation, assignee: *See*—
Nordberg, Charles H.

Phillips, John G., executor, et al.: *See*—
Watson, Thomas J., Beattie, and Fuller.

Phillips Petroleum Company, assignee: *See*—
Dutcher, Harris A.
Whaley, Thomas H.

Phinney, William E., Milton, N. H., assignor to Wright-Batchelder Corporation, Boston, Mass. Seam-filling shoe welt. 2,438,095, Mar. 16.

Picciani, James M., Brooklyn, N. Y. Shoulder pad. 2,438,072, Mar. 16.

Pierce, John R., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system employing pulse code modulation. 2,437,707, Mar. 16.

Pilling Chain Company, assignee: *See*—
Lawson, Birdsall P.

Place Corporation, assignee: *See*—
Wait, Clyde F.

Plass, Curtis E., Worcester, Mass., and D. J. Sullivan, Fairfield, Conn.; said Sullivan assignor to E. I. du Pont de Nemours & Company, Wilmington, Del.; said Plass assignor to The American Steel and Wire Company of New Jersey. Semiconducting tape for electric cable. 2,437,708, Mar. 16.

Pool, Stuart D., Moline, Ill., assignor to International Harvester Company. Flexible coupling. 2,437,891, Mar. 16.

Pool, William: *See*—
Dreyfus, Henry, and Pool.
Moncrieff, Robert W., and Pool.

Poor, Edward N., Stamford, and K. L. Howard, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Stabilization of rosin sizes. 2,438,096, Mar. 16.

Porter, Donald S.: *See*—
Cornwell, Ralph T. K., and Porter.

Porter, Frank, Syracuse, N. Y., assignor to Allied Chemical & Dye Corporation. Phenol recovery. 2,437,921, Mar. 16

Pro-Phy-Lac-Tic Company, The, assignee: *See*—
Maynard, Charles E.

Quirk, Earl W.: *See*—
Barganz, Walter A., and Quirk.

Radio Corporation of America, assignee: *See*—
Crosby, Murray G.
Rundle, Henry Mc D.
Usselman, George L.

Raison, Clifford G.: *See*—
Curd, Francis H. S., Raison, and Rose.

Rambo, Rawdon E., and J. E. Pastoret, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gear housing. 2,438,020, Mar. 16.

Rambo, William R., Cambridge, Mass., assignor to the United States of America, as represented by the Secretary of War. Voltage control circuit. 2,437,892, Mar. 16.

Rand McNally & Company, assignee: *See*—
Brink, John G.

Rane Tool Company, Inc., assignee: *See*—
Varmee, Ernest H.

Rassmann, Hugo C., Minneapolis, Minn. Sugar-beet harvester. 2,437,709, Mar. 16.

Ray, William A., Glendale, Calif., assignor to General Controls Co. Electromagnetic operator. 2,437,893, Mar. 16.

Ray, William A., Glendale, Calif., assignor to General Controls Co. Fuel pressure ignition control for burner systems. 2,437,894, Mar. 16.

Reconstruction Finance Corporation, assignee: *See*—
Tandler, William S., and Walker.

Reek, Ashley J.: *See*—
Miller, William J., and Reek.

Reeves-Ely Laboratories, Inc., assignee: *See*—
Frondel, Clifford.

Rehfeld, George W., Manhattan, Kans. Jetty. 2,437,754, Mar. 16.

Reich, Philip J., Bridgeport, Conn., assignor to General Electric Company. Pulse communication. 2,437,970, Mar. 16.

Reid Brothers Company, Inc., assignee: *See*—
Woodbury, Stephen E.

Reilly Tar & Chemical Corporation, assignee: *See*—
Cislak, Francis E., and Wheeler.

Republic Flow Meters Company, assignee: *See*—
Ackley, Robert A.

Republic Steel Corporation, assignee: *See*—
Whitehouse, Irving P.

Resinous Products & Chemical Company, The, assignee: *See*—
Bruson, Herman A.
Bruson, Herman A., and Neiderhauser.

Revere Sugar Refinery, assignee: *See*—
Brown, James M., Bemis, and Monroe.

Rex Manufacturing Company, Inc., assignee: *See*—
Moore, John C.

Rhodes, Philip H., Portland, Maine, assignor, by mesne assignments, to Koppers Company, Inc. Production of resins from a methylol monohydric phenol and a polyhydric phenol. 2,437,710, Mar. 16.

Rich, Carl, assignor of one-half to P. Koenig, Montreal, Quebec, Canada. Gas mask. 2,437,755, Mar. 16.

Richard, Joseph U., Montreal, Quebec, Canada. Sanding device for motor vehicles. 2,437,788, Mar. 16.

Ridbo Laboratories, Inc., assignee: *See*—
Auer, László.

Riege, Harold, and E. C. Siewert, Wausau, assignors to Marathon Corporation, Rothschild, Wis. Collapsible carton. 2,437,835, Mar. 16.

Rieveschl, George, Jr., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Beta-cyclohexylaminoethyl benzhydryl ether and salts thereof. 2,437,711, Mar. 16.

Rinia, Herre, Eindhoven, Netherlands; vested in the Attorney General of the United States. Manufacturing optical elements. 2,437,860, Mar. 16.

Ritter Company, Inc., assignee: *See*—
Wester, Edwin J., and Ziegler.

Rivenburgh, Malcolm R.: *See*—
Steward, Colby W., and Rivenburgh.

Robins, Samuel D., New York, N. Y. Aircraft provided with fixed and rotary wings for convertible types of flight. 2,437,789, Mar. 16.

Rogers, Thomas H., Jr., and R. D. Vickers, assignors to Wingfoot Corporation, Akron, Ohio. Thermosetting vinyl chloride-vinylidene chloride copolymer compositions. 2,438,097, Mar. 16.

Rohr, Charles B., Alum Bridge, W. Va. Sphygmomanometers. 2,437,861, Mar. 16.

Roland, John R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ethylene-polyhaloethylene reaction products. 2,438,021, Mar. 16.

Rose, Francis L.: *See*—
Curd, Francis H. S., Raison, and Rose.

Rose, Herbert A.: *See*—
Cox, Joseph H., Colaiaco, and Rose.

Rose, Jay, New York, N. Y. Rotor for synchronous electric motors. 2,437,922, Mar. 16.

Rose, Laurence, Washington, D. C. Connecting rod assemblage. 2,437,895, Mar. 16.

Rosing, Theodore F., Whitefish Bay, and E. W. Seeger, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Electromagnetic timing relay. 2,437,756, Mar. 16.

Roth, Bert W., Riverdale, assignor to Trans-Lux Corporation, New York, N. Y. Electric circuit controller. 2,437,790, Mar. 16.

Roth, Jay M., Euclid, and J. A. Lauck, South Euclid, Ohio, assignors, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Pump with unloading bushing. 2,437,791, Mar. 16.

Rouse, Ardie A., Orange, Tex. Magazine razor blade holder. 2,437,862, Mar. 16.

Rufus, Otto B., assignor to The Lathrop-Paulson Company, Chicago, Ill. Can treating device. 2,437,757, Mar. 16.

Rundle, Henry Mc D., Morrestown, N. J., assignor to Radio Corporation of America. Projection device for television apparatus. 2,438,022, Mar. 16.

Russell, George W., assignor of one-half to Philip V. Ames, Los Angeles, Calif. Skiver. 2,437,971, Mar. 16.

Rutledge, Marcus J., Chicago, Ill. Sliding wallpaper base trimmer. 2,437,896, Mar. 16.

Safety Box Toe Company, assignee: *See*—
McMurray, Harry G.

St. Pierre, Eugene, Pawtucket, R. I., assignor to Hemphill Company. Suture. 2,437,841, Mar. 16.

St. Regis Paper Company, assignee: *See*—
Hartman, Carl H.
Yorke, Nelson R.

Salamon, Maks: *See*—
Engel, Erich, and Salamon.

Salem Engineering Company, The, assignee: *See*—
Loux, John H.

Sanders, Elmore J.: *See*—
Earley, Samuel C. and N. B., and Sanders, Skareen, Davies, and Hughes.

Santiago, James J., assignor to Grant Oil Tool Company, Los Angeles, Calif. Safety pressure release. 2,437,836, Mar. 16.

Saretzky, Simon, Brookline, assignor to First Industrial Corporation, Boston, Mass. Voltage regulator. 2,437,837, Mar. 16.

Saulsberry, Jay L., Tucumcari, N. Mex. Darning last. 2,437,758, Mar. 16.

Saur, George E., St. Louis, Mo. Colostomy tube. 2,438,073, Mar. 16.

Savich, Theodore R., and L. A. Goldblatt, New Orleans, La., assignors to the United States of America as represented by the Secretary of Agriculture. Pyrolyzing alpha-pinene to allo-ocimene in liquid phase. 2,437,759, Mar. 16.

Schaefer, Vincent J.: *See*—
Langmuir, Irving, and Schaefer.

Scheibli, James R.: *See*—
Bergsteinsson, Ingolfur, and Scheibli.

Schmidt, Gerrit, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, as trustee, Hartford, Conn. Electrode spacer for electron discharge tubes. 2,437,972, Mar. 16.

Schmitz, Anton W., Schenectady, N. Y., assignor to General Electric Company. Electrical tensioning control system. 2,437,973, Mar. 16.

Schneider, Walter E., assignor to Dexter Folder Company, Pearl River, N. Y. Sheet feeding apparatus. 2,437,792, Mar. 16.

Schulz, Arthur P.: *See*—
Gerhardt, Andrew H., and Schulz.

Schwartz, Frank M., New York, N. Y. Garment article and making same. 2,437,974, Mar. 16.

Schwartzberg, Louis, Chicago, Ill. Device for assembling collapsible egg cartons. 2,438,074, Mar. 16.

Scophony Limited, assignee: *See*—
Adams, Albert E., and Waloff.

Scott, Charles H., Summit, N. J., assignor to The Dorr Company, New York, N. Y. Sediment raking mechanism for a settling tank comprising a central support and a hinged body between the support and the raking mechanism. 2,437,761, Mar. 16.

Scott, Charles H., Summit, N. J., and F. L. Graner, assignors to The Dorr Company, New York, N. Y. Raking classifier. 2,437,760, Mar. 16.

Scott, Franklin D.: *See*—
Ball, Charles O., Swope, and Scott.

Scott, William M., Jr., Bryn Mawr, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Circuit breaker movable contact. 2,437,863, Mar. 16.

Seals, Garlin E., San Antonio, Tex. Fuel pump for internal-combustion engines. 2,437,838, Mar. 16.

Seaman, Charles, Jamaica Estates, N. Y. Sewing machine and attachment therefor for making cross-stitches. 2,437,975, Mar. 16.

Seaman, Charles, Jamaica Estates, N. Y. Hemmed material and making the same. 2,437,976, Mar. 16.

Seaman, Charles, Jamaica Estates, N. Y. Blind-stitched piping and method of producing same. 2,437,977, Mar. 16.

Seaman, Charles, Jamaica Estates, N. Y. Sewing machine. 2,437,978, Mar. 16.

Seaman, Charles, Jamaica Estates, N. Y. Piping and producing same. 2,437,979, Mar. 16.

Sears, Roebuck and Co., assignee: *See*—
Dunville, John G.

Seeger, Edwin W.: *See*—
Rosing, Theodore F., and Seeger.

Seng Company, The, assignee: *See*—
Fox, Martin, and Hassel.

Seymour, Raymond B., and D. T. Mowry, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Chlorobenzalacetone copolymer. 2,437,980, Mar. 16.

Shabica, Anthony C., Jr.: *See*—
Wolf, Donald E., and Shabica.

Shakespeare Products Company, assignee: *See*—
Hettinga, Ralph M.

Sheldon, Malcolm H., New York, N. Y. Electrical control system. 2,437,712, Mar. 16.

Shell Development Company, assignee: *See*—
Bergsteinsson, Ingolfur and Scheibli.
Brunner, Eugene M., and Mardock.
Nixon, Alan C., and Yabroff.
Winkler, De Loss E., and Ballard.

Siewert, Edwin C.: *See*—
Riege, Harold, and Siewert.

Silberman, David, New York, N. Y. Zipper manufacturing machinery. 2,437,793, Mar. 16.

Simonin, Louis, Hillsboro, Ill. Hook inserting tool. 2,437,762, Mar. 16.

Sirp, Emil, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for cutting wires and forming and attaching a sleeve thereto. 2,438,023, Mar. 16.

Skareen, Willard C.: *See*—
Earley, Samuel C. and N. B., and Sanders, Skareen, Davies, and Hughes.

Skowron, Edmund A.: *See*—
Woodings, Wilbert H., Skowron, and McComb.

Slaymaker, Frank H., assignor to Stromberg-Carlson Company, Rochester, N. Y. Modulation booster. 2,437,839, Mar. 16.

Smith, Newell R., Bridgeport, Conn. Contact pin and method of making the same. 2,438,075, Mar. 16.

Societe L'Entreprise Industrielle, assignee: *See*—
Montagne, Elisée.

Sonn, Emanuel J., Riverton, N. J. Smoking pipe. 2,437,763, Mar. 16.

Spence, John D., La Crescenta, Calif. Sprinkler control. 2,437,764, Mar. 16.

Squibb, E. R., & Sons, assignee: *See*—
McCormack, Robert B.

Staley, Elmer B., Natrona Heights, Pa. Fire escape. 2,437,864, Mar. 16.

Standard Oil Development Company, assignee: *See*—
Dockendorff, Ralph L.

Stanley, Lester N.: *See*—
Von Glahn, William H., and Stanley.

Stareck, Jesse E., Detroit, Mich., assignor to United Chromium, Incorporated, New York, N. Y. Electrodepositing copper and baths and compositions therefor. 2,437,865, Mar. 16.

Statham, Noel, Greenwich, Conn. Adjustable fastening device. 2,437,765, Mar. 16.

Stelter, Francis C. W., New York, N. Y. Electrical burglar alarm system. 2,438,076, Mar. 16.

Stephan, John T., R. A. Jarvi, and J. R. Ash, assignors, by mesne assignments, to Monsanto Chemical Company, Seattle, Wash. Phenolic resin adhesive. 2,437,981, Mar. 16.

Sternberg, Robert S.: *See*—
Dowell, John H., Sternberg, and Curson.

Stevenson, Elmer C., Takoma Park, and J. W. Mitchell, Silver Spring, Md., assignors to United States of America, as represented by the Secretary of Agriculture. Method of culturing fungi. 2,437,766, Mar. 16.

Steward, Colby W., Kenmore, and M. R. Rivenburgh, Williamsville, N. Y., assignors, by mesne assignments, to Cornell Research Foundation, Inc. Method of multi-arc welding. 2,437,840, Mar. 16.

Stoltenberg, Glenn R., New York, N. Y., and A. P. Colaiaco, Wilkinsburg, Pa., assignors, by mesne assignments, to the United States of America, as represented by the United States Atomic Energy Commission. Pump. 2,437,897, Mar. 16.

Stransky, Joseph, Chilton, Wis. Milk bottle utility device. 2,438,024, Mar. 16.

Stromberg-Carlson Company, assignee: *See*—
Edgarton, Frank.
Slaymaker, Frank H.

Sullivan, David J.: *See*—
Plass, Curtis E., and Sullivan.

Summers, J. Mills, Englewood, N. J., assignor to Camloc Fastener Corporation, New York, N. Y. Lock nut. 2,438,077, Mar. 16.

Sutphen, Henry R., New York, N. Y. Collapsible golf cart. 2,438,078, Mar. 16.

Swanson, Keith N., Hollywood, Calif., assignor to Bell & Howell Company, Chicago, Ill. Auto-focus photographic enlarger of the folded-light-path type. 2,437,898, Mar. 16.

Sweet, Carroll V., Madison, Wis., dedicated to the free use of the people in the territory of the United States. Panel construction. 2,438,079, Mar. 16.

Swope, Gerald L.: *See*—
Ball, Charles O., Swope, and Scott.

Taliaferro, William R., Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Switchboard. 2,438,025, Mar. 16.

Talon, Inc., assignee: *See*—
Firing, Osborne, and Gibbons.

Tandler, William S., and D. S. Walker, assignors, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Photoelectric control mechanism for flame-cutting devices. 2,438,098, Mar. 16.

Tannenberg, Joseph, Batavia, N. Y. Apparatus for embedding simultaneously a plurality of tissues for histological purposes. 2,437,713, Mar. 16.

Tanner, Robert R., Detroit, Mich., assignor to The Patents Corporation. Treated steel sheet and process. 2,438,013, Mar. 16.

Tashjian, David R.: *See*—
Kinn, Theodore P., and Tashjian.

Texas Company, The, assignee: *See*—
Atwell, Harold V.

Thomas, Laurence H.: *See*—
Kuhn, Frank and Thomas.

Thomason, Walter A., Jr., U. S. Army, Charlotte, N. C. Trouser and suspender combination. 2,437,714, Mar. 16.

Thompson Brothers, assignee: *See*—
Thompson, Donald W.

Thompson, Donald W., Windham, N. Y., assignor to Thompson Brothers. Sleigh. 2,437,767, Mar. 16.

Thor Corporation, assignee: *See*—
Gerhardt, Andrew H., and Schulz.

Thorp, Clark E., Chicago, and L. E. Anderson, Chicago Heights, Ill., assignors to J. B. Hawley, deceased, Babson Park, Fla., D. M. Hawley, and E. Donnelly, administrators, assignors to Hawley Products Company. Consistency control. 2,437,715, Mar. 16.

Tide Water Associated Oil Company, assignee: *See*—
Lyons, Daniel J., Lazar, and Ingraham.

Tiefenthal, Joseph, West Babylon, N. Y. Hand-operated loom. 2,437,716, Mar. 16.

Tietsema, Oleva I., administratrix, assignee: *See*—
Tietsema, Tim.

Tietsema, Tim, Oviedo, Fla., O. I. Tietsema, administratrix of said T. Tietsema; assignor of one-half to O. I. Tietsema and one-half to O. M. Packard. Hydraulic drum jack and carrier. 2,437,982, Mar. 16.

Timberlake, Journey F., Charlottesville, Va. Method and apparatus for making beverages. 2,437,768, Mar. 16.

Times Facsimile Corporation, assignee: *See*—
Cooley, Austin G.

Trans-Lux Corporation, assignee: *See*—
Roth, Bert W.

Traylor, John B., Denver, Colo. Mechanical pencil with step-by-step feed. 2,437,769, Mar. 16.

Trobeck, Karl G.: *See*—
Bergstrom, Hilding O. V., Heijmer, and Trobeck.

Twin Disc Clutch Company, assignee: *See*—
Adamson, Nicholas F.

Uhler, Frank G., Alexandria, Va. Mortar and cement compositions. 2,437,842, Mar. 16.

Union Steel Products Company, assignee: *See*—
Bitney, Dewey H.

United Chromium, Incorporated, assignee: *See*—
Stareck, Jesse E.

United Shoe Machinery Corporation, assignee: *See*—
Jorgensen, Bernhardt.
Keali, Frank B.
Oliver, John R.

United States Atomic Energy Commission, United States of America, as represented by the, assignee: *See*—
Cox, Joseph H., Colaiaco, and Rose.
Stoltenberg, Glenn R., and Colaiaco.

Universal Camera Corporation, assignee: *See*—
Falkoff, Adin D.

Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Wave length modulation. 2,437,923, Mar. 16.

Vance, Robert M., Cleveland, Ohio, and A. G. Horney, Plattsburg, assignors to Air Reduction Company, Incorporated, New York, N. Y. Method for the preparation of 1-chloro-3-bromo-2-(2-chloroethoxy)-propane and the compound prepared. 2,437,866, Mar. 16.

Van Meeteren, Donald, Sheldon, Iowa. Poultry feeder. 2,438,080, Mar. 16.

Van Ness, Henry E., Elmira, N. Y. Resilient bushing. 2,437,843, Mar. 16.

Van Olden, Jacques T., Durban Natal, Union of South Africa. Combination implement. 2,437,770, Mar. 16.

Varmee, Ernest H., assignor to Rane Tool Company, Inc., Jamestown, N. Y. Metalworking machine. 2,437,794, Mar. 16.

Verbanc, John J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic isocyanates. 2,437,867, Mar. 16.

Vibro-Plus Corporation, assignee: *See*—
Wenander, Harald S.

Vickers, Robert D.: *See*—
Rogers, Thomas H., Jr., and Vickers.

Von Glahn, William H., Loudonville, and L. N. Stanley, Delmar, assignors to General Aniline & Film Corporation, New York, N. Y. Diazotype layers containing resorcinol monoesters. 2,437,868, Mar. 16.

Wahlberg, Nils E., Chicago, Ill., and G. V. Hedstrom, Kenosha, assignors to Nash-Kelvinator Corporation, Kenosha, Wis. Wheel suspension. 2,437,844, Mar. 16.

Walt, Clyde F., assignor to Palace Corporation, Flint, Mich. Stack. 2,437,771, Mar. 16.

Waldorf Paper Products Company, assignee: *See*—
Guyer, Reynolds.

Walkabout Company, The, assignee: *See*—
Ames, Butler.

Walker, David S.: *See*—
Tandler, William S., and Walker.

Wall, Alexander C., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electrical harness tester circuit. 2,437,772, Mar. 16.

Wallace, James M., Jr.: *See*—
Cox, Fred W., and Wallace.

Walling, Cheves, Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Processes of making organic phosphines. 2,437,795, Mar. 16.

Walling, Cheves, Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making organic phosphorus halides. 2,437,796, Mar. 16.

Walling, Cheves, Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. New metal salts of organic phosphines and making the same. 2,437,797, Mar. 16.

Walling, Cheves, Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. New secondary organic phosphorus halides and making the same. 2,437,798, Mar. 16.

Walls, Leslie P., Teddington, assignor to The Imperial Trust for the Encouragement of Scientific and Industrial Research, Westminster, England. Phenanthridine derivatives. 2,437,869, Mar. 16.

Waloff, Dmitri: *See*—
Adams, Albert E., and Waloff.
War, United States of America, as represented by the Secretary of: *See*—
Cohn, Seymour B.
Hickman, Clarence N.
Kusch, Polykarp.
Nordsieck, Arnold T.
Rambo, William R.
Watson, Thomas J., New Canaan, Conn., H. S. Beattie, East Orange, and F. L. Fuller, deceased, West Orange, by S. B. Harrison, East Orange, N. J., and J. G. Phillips, New York, executors, assignors to International Business Machines Corporation, New York, N. Y. Record controlled accounting machine. 2,438,081, Mar. 16.
Welty, Albert B., Moline, Ill., assignor to International Harvester Company. Suction-type grain dryer and cooler. 2,437,899, Mar. 16.
Wenander, Harald S., Riksby, Stockholm, Sweden, assignor to Vibro-Plus Corporation, New York, N. Y. Vibrator. 2,437,983, Mar. 16.
Werner, Le Roy L., Washington, D. C. Vibration damping mount. 2,437,717, Mar. 16.
Wester, Edwin J., Rochester, and E. R. Ziegler, Spencerport, assignor to Ritter Company, Inc., Rochester, N. Y. Reeling device awitch. 2,438,082, Mar. 16.
Western Electric Company, Incorporated, assignee: *See*—
Beyer, Charles M.
Edwards, Karl C., and Jones.
Sirp, Emil.
Western Frozen Foods Co., assignee: *See*—
Moulthrop, Orville L.
Westinghouse Electric Corporation, assignee: *See*—
Askey, John S.
Baston, Cyril E.
Blackburn, Wayne E.
Dana, Charles A.
Derr, Willard A.
Garbuny, Max and Pakala.
Hanna, Raymond P.
Hoop, John G.
King, George E.
Kinn, Theodore P., and Tashjian.
Laidig, Alfred H.
Lynn, Clarence.
Murcek, Slavo J.
Rambo, Rawdon E., and Pastoret.
Taliaferro, William R.
Wrathall, Jay R.
Young, Douglass A., Lunas, and Lenehan.
Weston, Arthur W., Waukegan, assignor to Abbott Laboratories, North Chicago, Ill. Preparation of gamma-dibutylaminopropanol. 2,437,984, Mar. 16.
Weyerhaeuser Timber Company, assignee: *See*—
Anway, Herman W.
Whaley, Thomas H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Process for the production of diolefins. 2,437,773, Mar. 16.
Wheeler, William R.: *See*—
Cislak, Francis E., and Wheeler.
Whitehouse, Irving P., South Euclid, assignor to Republic Steel Corporation, Cleveland, Ohio. Roof structure. 2,438,099, Mar. 16.
Whitner, Thomas C., Elizabeth, N. J., assignor to Chemical Laboratories, Inc. Bleaching cellulose textile fibers. 2,438,100, Mar. 16.
Whitney, Paul V., Columbus, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company. Conveyor. 2,438,083, Mar. 16.
Whitson, Mercer L., Norfolk, and H. F. Collette, Portsmouth, Va. Expanding mandrel. 2,437,718, Mar. 16.
Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Producing face clutches. 2,437,902, Mar. 16.
Willcox, Frederick P., Arlington, Va. Direct reading photoelectric exposure meter. 2,437,774, Mar. 16.
Williams, Thomas J., Buenos Aires, Argentina. Treating sulfidic tungsten or concentrates. 2,437,870, Mar. 16.
Williams, William E., Pasadena, Calif. Optical micrometer for measuring the thickness of transparent or translucent bodies. 2,437,775, Mar. 16.
Williams, William W.: *See*—
Lauclus, Joseph F., and Williams.
Wilson, Golder P., Alton, Ill., assignor to Olin Industries, Inc. Electric induction furnace for continuously heating metal strip. 2,437,776, Mar. 16.
Wilson, William H., assignee, et al.: *See*—
Casper, Ervin J.
Wingfoot Corporation, assignee: *See*—
Carson, Clarence M.
Clifford, Albert M., and Lichty.
Cox, Fred W., and Wallace.
Pace, Henry A.
Rogers, Thomas H., Jr., and Vickers.
Winkeljohn, Thomas H., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Liquid seal. 2,437,900, Mar. 16.
Winkeljohn, Thomas H., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Sealing ring. 2,437,901, Mar. 16.
Winkler, De Loss E., Berkeley, and S. A. Ballard, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of thioketones. 2,437,985, Mar. 16.
Wolf, Donald E., and A. C. Shabica, Jr., Rahway, N. J., assignors to Merck & Co., Inc. A benzoic acid di-cis-2-(4'-carboxybutyl)-3:4-diamino-tetrahydrothiophene sulfate complex. 2,437,719, Mar. 16.
Wolfenden, Harry C., Attleboro, Mass. Spacer and protector for yarn-holding devices. 2,437,987, Mar. 16.
Wood, Alfred R., Portland, Maine. Magnetic coupling. 2,437,871, Mar. 16.
Wood, Allison A., Lanett, Ala. Yarn smoothing apparatus and method. 2,438,084, Mar. 16.
Woodbury, Stephen E., assignor to Reid Brothers Company, Inc., Beverly, Mass. Cross-feed mechanism. 2,437,986, Mar. 16.
Woodings-Verona Tool Works, assignee: *See*—
Woodings, Wilbert H., Skowron, and McComb.
Woodings, Wilbert H., Oakmont, E. A. Skowron, Pittsburgh, Pa., and R. J. McComb, Chicago, Ill., assignors to Woodings-Verona Tool Works, Verona, Pa. Rail anchor. 2,438,085, Mar. 16.
Wooley, Ernest G., Wichita, Kans. Side file and jointer for spring and swage tooth saws. 2,438,086, Mar. 16.
Wrathall, Jay R., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dynamometer. 2,438,026, Mar. 16.
Wright, Arthur, Forest Hills, assignor to Keller-Dorian Colorfilm Corporation, New York, N. Y. Light-sensitive element for color photography. 2,437,924, Mar. 16.
Wright-Batchelder Corporation, assignee: *See*—
Phinney, William E.
Wright, Richard H., Cleveland, Ohio. Cord equalizer for Venetian blinds. 2,438,101, Mar. 16.
Wurdeman, Edward, Minneapolis, Minn. Mop wringer with pressure rollers and carrying bail. 2,438,087, Mar. 16.
Wyeth, Ralph S., Newark, Ohio. Windshield cover. 2,437,845, Mar. 16.
Wyss, Alphons, Bottmingen, near Basel, Switzerland. Device for discharging hollow glassware blown in a finishing mold. 2,438,088, Mar. 16.
Yarbroff, David L.: *See*—
Nixon, Alan C., and Yabroff.
Yelda, John O., Herculaneum, Mo., assignor, by mesne assignments, to Missouri Automatic Control Corporation. Follow-up control. 2,437,846, Mar. 16.
Yorke, Nelson R., Trenton, N. J., assignor to St. Regis Paper Company, New York, N. Y. Craze-resistant synthetic resin coated product and process of making it. 2,437,799, Mar. 16.
Young, Douglass A., East Orange, L. J. Lunas, Cedar Grove, and B. E. Lenehan, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical measuring instrument. 2,438,027, Mar. 16.
Zajc, Karol, New York, N. Y. Door open signal system. 2,437,777, Mar. 16.
Zelse, Alfred A., Minneapolis, Minn. Precision locating tool. 2,437,847, Mar. 16.
Zenith Radio Corporation, assignee: *See*—
Gustafson, Gilbert E.
Zidell, William I., assignee: *See*—
Laskin, Louis J.
Ziegler, Eugene R.: *See*—
Wester, Edwin J., and Ziegler.
Züllig, Otto, Zurich, Switzerland. Sports vehicle. 2,437,903, Mar. 16.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 16TH DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Anchor. W. S. McLeish. Re. 22,988, Mar. 16.
Calculating machine. A. J. Fettig. Re. 22,986, Mar. 16.
Control apparatus. M. E. Chandler. Re. 22,984, Mar. 16.
Control for gaseous fuel burners, Safety. W. F. Jackson and T. H. Jeffers. Re. 22,987, Mar. 16.
Lubricant composition. A. T. Collins. Re. 22,985, Mar. 16.

LIST OF PLANT INVENTIONS

Chrysanthemum plant. E. Prushek. 790, Mar. 16.
Rose plant. E. S. Boerner. 789, Mar. 16.
Rose plant. H. C. Swim. 791, Mar. 16.
Rose plant. H. C. Swim. 792, Mar. 16.

LIST OF DESIGN INVENTIONS

Ashtray and light, Combination. G. D. Amato. 148,971, Mar. 16.
Base, Lamp. W. E. Wagner. 149,033, Mar. 16.
Beater or the like, Egg. W. F. Owens. 149,011, Mar. 16.
Box or the like, Jewel. H. Jacobson. 148,991–2, Mar. 16.
Brooch or similar article. A. Katz. 148,994–5, Mar. 16.
Brooch or similar article. A. Katz. 148,997, Mar. 16.
Brooch or similar article. A. Katz. 148,999, Mar. 16.
Brooch or similar article. A. Philippe. 149,015–17, Mar. 16.
Brooch or similar article. A. Philippe. 149,020, Mar. 16.
Brooch or similar article, Separable. A. Katz. 148,998, Mar. 16.
Buckle, Belt. H. J. Shepherd. 149,028, Mar. 16.
Camera. J. Briskin and J. J. Golick. 148,975, Mar. 16.
Camera. J. Briskin and J. J. Golick. 148,977, Mar. 16.
Camera. G. Fassin. 148,983, Mar. 16.
Candlestick. M. Vozzella. 149,032, Mar. 16.
Case, Clock. J. F. Punzak and A. Levy. 149,021, Mar. 16.
Casing, Lamp. C. M. Cruze. 148,982, Mar. 16.
Clasp. H. C. Rood. 149,023, Mar. 16.
Clock. B. Lerman. 149,003–6, Mar. 16.
Dispenser, Salt and pepper. F. P. Hamrah. 148,988, Mar. 16.
Dress. B. Hurwitz. 148,990, Mar. 16.
Earring or similar article. A. Katz. 149,000, Mar. 16.
Earring or similar article. A. Philippe. 149,014, Mar. 16.
Earring or similar article. A. Philippe. 149,018–19, Mar. 16.
Fixture, Electric lighting. M. W. Schwartz and M. J. Marks. 149,026–7, Mar. 16.
Fork, Table. J. G. Fenety. 148,984, Mar. 16.
Frame, Ditching machine. G. A. Vaughn. 149,031, Mar. 16.
Frame, Spectacle. G. Bolle. 148,974, Mar. 16.
Frame, Spectacle. G. Lewis. 149,007, Mar. 16.
Frame, Trenching machine. G. A. Vaughn. 149,030, Mar. 16.
Guard, Automobile radiator. L. Bustin. 148,978–80, Mar. 16.
Hairpin or similar article. L. T. Sawyer. 149,025, Mar. 16.
Hanger, Coat. J. M. Cless. 148,981, Mar. 16.
Hoist, Gasoline. C. F. Peterson. 149,013, Mar. 16.
Kit, Toilet. C. Sims. 149,029, Mar. 16.
Kite. S. Lang. 149,001–2, Mar. 16.
Lighting fixture, Electric. M. J. Marks and M. W. Schwartz. 149,009, Mar. 16.
Necklace or similar article. A. Katz. 148,996, Mar. 16.
Negligee or similar article. A. Roth. 149,024, Mar. 16.
Penholder. B. Blecher. 148,973, Mar. 16.
Pendant or similar article. K. Harrington. 148,989, Mar. 16.
Projector, Movie. J. Briskin and C. Peto. 148,976, Mar. 16.
Radio and lamp, Combination. J. Robinson, Jr. 149,022, Mar. 16.
Shade or the like, Lamp. L. E. Lindenbaum. 149,008, Mar. 16.
Stand, Calendar. B. Blecher. 148,972, Mar. 16.
Toy figure. H. A. Nozewski. 149,010, Mar. 16.
Tricycle and trailer, Combined. R. E. Parker. 149,012, Mar. 16.
Typewriter and desk support therefor, Combined. F. S. Grover. 148,986–7, Mar. 16.
Typewriter and support therefor, Combined. F. S. Grover and K. D. Maier. 148,985, Mar. 16.
Watch standard. R. W. Johnston and J. C. Roberts. 148,993, Mar. 16.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 16TH DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Accessory drive control. C. H. Havill. 2,437,954, Mar. 16.
Accounting machine, Record controlled. T. J. Watson, H. S. Beattie, and F. L. Fuller. 2,438,081, Mar. 16.
Acid esters and their preparation, Aspartic. K. L. Lynch. 2,438,091, Mar. 16.
Adherence of aluminum coatings, Improving the. K. Oganowski. 2,437,919, Mar. 16.
Adhesive, Phenolic resin. J. T. Stephan, R. A. Jarvi, and J. R. Ash. 2,437,981, Mar. 16.
Aerosols, Method and apparatus for producing. I. Langmuir and V. J. Schaefer. 2,437,963, Mar. 16.
Air conditioning apparatus. T. W. Carraway. 2,437,936, Mar. 16.
Aircraft. J. W. MacFarland, Jr. 2,437,700, Mar. 16.
Aircraft having high-lift wing channels. W. R. Custer. 2,437,684, Mar. 16.
Aircraft provided with fixed and rotary wings for convertible types of flight. S. D. Robins. 2,437,789, Mar. 16.
Air supply device for respirators. D. N. Kincheloe. 2,438,058, Mar. 16.
Alkylation of aromatic hydrocarbons with sulfuric acid catalyst avoiding sulfonation of product. D. J. Lyons, A. Lazar, and L. L. Ingraham. 2,437,828, Mar. 16.
Alphabet and numeral printer, Perforated card controlled. R. E. Page and H. S. Beattie. 2,438,071, Mar. 16.
Alternating current or like motor with gyratory armature. A. E. Adams and D. Waloff. 2,437,904, Mar. 16.
Anchor, Rail. W. H. Woodings, E. A. Skowron, and R. J. McComb. 2,438,085, Mar. 16.
Apparatus for applying insulation. J. C. Moore. 2,437,831, Mar. 16.
Apparatus for cutting wires and forming and attaching a sleeve thereto. E. Sirp. 2,438,023, Mar. 16.
Apparatus for embedding simultaneously a plurality of tissues for histological purposes. J. Tannenberg. 2,437,713, Mar. 16.
Apparatus for examining living tissue. W. F. Greenwald. 2,437,916, Mar. 16.
Apparatus for preparing livestock feed. C. Hoch. 2,437,917, Mar. 16.
Apparatus for propelling and increasing the lift of airplanes. C. B. Ferrel. 2,437,732, Mar. 16.
Apparatus for regulating water streams and sand clearing devices. E. Montagné. 2,438,103, Mar. 16.
Apparatus for X-ray photographing tubular steel castings. E. G. Forssell. 2,437,688, Mar. 16.
Assembling pistons. F. F. Kishline. 2,437,824, Mar. 16.
Auto-focus photographic enlarger of the folded-light-path type. K. N. Swanson. 2,437,898, Mar. 16.
Automatic depth control for groundworking implements. J. M. Chambers and E. V. Bunting. 2,437,875, Mar. 16.
Bag: *See*—
  Heat-sealed valve bag.
Bark, Treating. H. W. Anway. 2,437,672, Mar. 16.
Bed, Invalid. E. A. Miller. 2,438,093, Mar. 16.
Belt buckle. E. M. Easter. 2,437,729, Mar. 16.
Benzoic acid di-cis-2-(4'-carboxybutyl)-3:4-diamino-tetrahydrothiophene sulfate complex. D. E. Wolf and A. C. Shabica, Jr. 2,437,719, Mar. 16.
Beta-cyclohexylaminoethyl benzhydryl ether and salts thereof. G. Rieveschl, Jr. 2,437,711, Mar. 16.
Beta-halogenated unsaturated nitriles. A. M. Clifford and J. G. Lichty. 2,437,998, Mar. 16.
Beverages, Method and apparatus for making. J. F. Timberlake. 2,437,768, Mar. 16.
Blanking apparatus. C. M. Beyer. 2,437,994, Mar. 16.
Blending powder grains. C. N. Hickman. 2,437,694, Mar. 16.
Blind-stitched piping and producing same. C. Seaman. 2,437,977, Mar. 16.
Bookmark. W. J. Graham. 2,438,048, Mar. 16.
Bottle closure. L. M. Mallick. 2,437,882, Mar. 16.
Bottle decapping and pouring mechanism for vending machines. G. H. Hansen, Jr. 2,438,050, Mar. 16.
Bottle holder. H. C. Andersen. 2,437,800, Mar. 16.
Box: *See*—
  Mail box.
Brace for freight cars, Lading. J. P. Murphy, Jr. 2,437,832, Mar. 16.
Brake having unitary actuating means for clamping and bending sheet metal, Bending. P. Kilham. 2,438,057, Mar. 16.
Brush, Shunted. C. Lynn. 2,438,015, Mar. 16.
Bushing for vapor electric devices, Lead-in. M. Garbuny and W. B. Pakala. 2,438,004, Mar. 16.
Bushing, Resilient. H. E. Van Ness. 2,437,843, Mar. 16.
Camera tripod control, Panoramic. V. A. Parker. 2,437,787, Mar. 16.
Can treating device. O. B. Rufus. 2,437,757, Mar. 16.
Cane, Trick walking. B. V. Lukowitz. 2,438,014, Mar. 16.
Car door implement, Grain. C. Flagstad. 2,437,780, Mar. 16.
Carburetor attachment for conserving fuel. B. Bennett. 2,437,992, Mar. 16.
Carriage for vehicles, Wheeled. H. W. Jonkhoff. 2,437,823, Mar. 16.
Carrier: *See*—
  Emergency tire carrier.
Carrier for marine craft hulls and the like. J. A. Good. 2,437,736, Mar. 16.
Cart: *See*—
  Collapsible golf cart. Dump cart.
Carton, Collapsible. H. Riege and E. C. Siewert. 2,437,835, Mar. 16.
Case: *See*—
  Thread case.
Caster. E. J. Casper. 2,437,907, Mar. 16.
Catalytic conversions, Effecting. H. V. Atwell. 2,438,029, Mar. 16.
Catalytic oxidation of substituted pyridine bases. F. E. Cislak and W. R. Wheeler. 2,437,938, Mar. 16.
Cathode support structure. P. Kusch. 2,437,880, Mar. 16.
Cellulose textile fibers, Bleaching. T. C. Whitner. 2,438,100, Mar. 16.
Chain structure, Decorative. A. Blumstein. 2,437,932, Mar. 16.
Chlorobenzalacetone copolymer. R. B. Seymour and D. T. Mowry. 2,437,980, Mar. 16.
Circuit: *See*—
  Voltage control circuit.
Circuit breaker. H. P. Luhn. 2,438,067, Mar. 16.
Circuit breaker movable contact. W. M. Scott, Jr. 2,437,863, Mar. 16.
Clarification of fermented liquors. R. T. K. Cornwell and D. S. Porter. 2,437,939, Mar. 16.
Clip: *See*—
  Poultry blinder clip. Tenter machine clip.
Closure. J. G. Brink. 2,437,934, Mar. 16.
Closure. K. C. Edwards and D. D. Jones. 2,438,003, Mar. 16.
Clutch: *See*—
  Fluid operated clutch.
Clutch operating mechanism. E. G. Halby. 2,437,737, Mar. 16.
Coin controlled lock. G. Hofmann. 2,437,742, Mar. 16.
Coin counting machine. W. A. Barganz and E. W. Quirk. 2,437,721, Mar. 16.
Collapsible golf cart. H. R. Sutphen. 2,438,078, Mar. 16.
Color stabilization of vinyl halide resins. F. W. Cox and J. M. Wallace, Jr. 2,438,102, Mar. 16.
Colostomy tube. G. E. Saur. 2,438,073, Mar. 16.
Combined drill and deburring tool. D. Jones. 2,437,822, Mar. 16.
Communication system employing pulse code modulation. J. R. Pierce. 2,437,707, Mar. 16.
Compass, Magnetic. E. W. Hart. 2,437,692, Mar. 16.
Compositions, Mortar and cement. F. G. Uhler. 2,437,842, Mar. 16.
Connecting rod assemblage. L. Rose. 2,437,895, Mar. 16.
Consistency control. C. E. Thorp and L. E. Anderson. 2,437,715, Mar. 16.
Contact pin and making the same. N. R. Smith. 2,438,075, Mar. 16.
Container: *See*—
  Safety container.
Container. C. O. Ball, G. L. Swope, and F. D. Scott. 2,437,926, Mar. 16.
Container safety lock. J. W. Armbruster. 2,437,674, Mar. 16.
Containers, Method and apparatus for packing. R. Guyer. 2,437,952, Mar. 16.
Control apparatus. C. E. Baston. 2,437,991, Mar. 16.
Control for machine tools. H. M. Griffin. 2,437,813, Mar. 16.
Control system. T. P. Kinn and D. R. Tashjian. 2,438,009, Mar. 16.
Control system. S. J. Murcek. 2,438,017, Mar. 16.
Conveyer for transporting pottery molds. W. J. Miller and A. J. Reek. 2,437,702, Mar. 16.
Conveyor. P. V. Whitney. 2,438,083, Mar. 16.

Conveyor slack take-up mechanism. S. M. Mercier. 2,438,068, Mar. 16.
Cooling of fluids. R. C. Godfrey. 2,437,851, Mar. 16.
Copolymers of allyl esters of polybasic acid with saturated monohydric alcohol esters of unsaturated polycarboxylic acid. E. L. Kropa. 2,437,962, Mar. 16.
Copper complexes of dianisidine disazo dyes. J. F. Laucius and W. W. Williams. 2,437,699, Mar. 16.
Cord equalizer for Venetian blinds. R. H. Wright. 2,438,101, Mar. 16.
Cot, Folding. R. M. Lackey. 2,438,059, Mar. 16.
Coupling: *See*—
  Electrical instrument coupling. Flexible coupling. Magnetic coupling.
Cover: *See*—
  Windshield cover.
Cross-feed mechanism. S. E. Woodbury. 2,437,986, Mar. 16.
Crossing structure, Cast rail. C. H. Nordberg. 2,438,070, Mar. 16.
Crusher, Pedestal type gyratory. O. C. Gruender. 2,438,049, Mar. 16.
Crushing roll apparatus for reducing to powder materials packaged in tablet form. F. A. Lobley and W. E. Lowell. 2,437,881, Mar. 16.
Cultivator and furrow former, Hand garden. A. M. Chilcote. 2,437,805, Mar. 16.
Culturing fungi. E. C. Stevenson and J. W. Mitchell. 2,437,766, Mar. 16.
Cup, Nonspillable. L. J. Laskin. 2,437,784, Mar. 16.
Current-generating gear for pocket electric lamps. G. Bardin. 2,437,675, Mar. 16.
Current mineral concentrator, Vertical. J. C. Anderson. 2,437,671, Mar. 16.
Cyanoalkyl esthers of polyhydric alcohols. H. A. Bruson. 2,437,905, Mar. 16.
Cyanoethylation of carbonylic compounds. H. A. Bruson and W. D. Niederhauser. 2,437,906, Mar. 16.
Deformable switch. N. Paul. 2,437,969, Mar. 16.
Device for assembling collapsible egg cartons. L. Schwartzberg. 2,438,074, Mar. 16.
Device for discharging hollow glassware blown in a finishing mold. A. Wyss. 2,438,088, Mar. 16.
Dextrose syrups. J. M. Brown, W. A. Bemis, and F. A. Monroe, Jr. 2,438,033, Mar. 16.
Dial assembly, Control. A. H. Gerhardt and A. P. Schulz. 2,438,045, Mar. 16.
Dialkoxy propionitriles. A. M. Clifford and J. G. Lichty. 2,438,090, Mar. 16.
Diazotype layers containing resorcinol monoesters. W. H. von Glahn and L. N. Stanley. 2,437,868, Mar. 16.
Direct reading photoelectric exposure meter. F. P. Willcox. 2,437,774, Mar. 16.
Dobby jack and the harness frame of a loom, Connecting the. C. E. Harris. 2,437,739, Mar. 16.
Dryer and cooler, Suction-type grain. A. B. Welty. 2,437,899, Mar. 16.
Dump cart. J. W. Orendorff. 2,437,890, Mar. 16.
Dynamo electric machine. J. S. Askey. 2,437,990, Mar. 16.
Dynamometer. J. R. Wrathall. 2,438,026, Mar. 16.
Electric circuit controller. B. W. Roth. 2,437,790, Mar. 16.
Electric cord. G. E. Gustafson. 2,438,006, Mar. 16.
Electric induction furnace for continuously heating metal strip. G. P. Wilson. 2,437,776, Mar. 16.
Electric motor control system. G. E. King. 2,438,010, Mar. 16.
Electrical burglar alarm system. F. C. W. Stelter. 2,438,076, Mar. 16.
Electrical control system. M. H. Sheldon. 2,437,712, Mar. 16.
Electrical harness tester circuit. A. C. Wall. 2,437,772, Mar. 16.
Electrical instrument coupling. G. J. Mucher. 2,437,785, Mar. 16.
Electrical measuring instrument. D. A. Young, L. J. Lunas, and B. E. Lenehan. 2,438,027, Mar. 16.
Electrical probe. L. Kalom. 2,437,697, Mar. 16.
Electrical tensioning control system. A. W. Schmitz. 2,437,973, Mar. 16.
Electrical units, such as Commutators, Making. G. A. Giannuzzi and K. J. Miller. 2,438,046, Mar. 16.
Electrical wall outlet. M. S. Adler. 2,437,802, Mar. 16.
Electrically heated tool. F. Kuhn and L. H. Thomas. 2,437,747, Mar. 16.
Electrode spacer for electron discharge tubes. G. Schmidt. 2,437,972, Mar. 16.
Electrodepositing copper and baths and compositions therefor. J. E. Stareck. 2,437,865, Mar. 16.
Electromagnetic operator. W. A. Ray. 2,437,893, Mar. 16.
Electromagnetic timing relay. T. F. Rosing and E. W. Seeger. 2,437,756, Mar. 16.
Electron discharge tube with partially coated grid. E. G. Dorgelo. 2,437,941, Mar. 16.
Elevator switch. F. Petrullo. 2,438,094, Mar. 16.
Emergency tire carrier. R. E. Folden. 2,437,811, Mar. 16.
End thrust type bar action for typewriting machines. C. W. Brumhill and A. Pateman. 2,437,804, Mar. 16.
Engine governor. M. Mallory. 2,437,883, Mar. 16.
Ethylene-polyhaloethylene reaction products. J. R. Roland. 2,438,021, Mar. 16.
Expanding mandrel. M. L. Whitson and H. P. Collette. 2,437,718, Mar. 16.
Extrusion of artificial filaments, films and the like and apparatus therefor, Melt. H. Dreyfus and W. Pool. 2,437,687, Mar. 16.
Extrusion of artificial materials, Method and apparatus for the melt. R. W. Moncrieff and W. Pool. 2,437,704, Mar. 16.
Extrusion of artificial materials, Process and apparatus for the melt. H. Dreyfus. 2,437,685, Mar. 16.
Extrusion of fused artificial materials. H. Dreyfus. 2,437,686, Mar. 16.
Extrusion of fused artificial materials, Process and apparatus for the. R. W. Moncrieff. 2,437,703, Mar. 16.
Face clutches, Producing. E. Wildhaber. 2,437,902, Mar. 16.
Fastener construction. T. Freesz. 2,438,044, Mar. 16.
Fastener inserting machine. F. B. Keall. 2,437,746, Mar. 16.
Fastener studs, Locking. R. W. Allen. 2,438,028, Mar. 16.
Fastening device, Adjustable. N. Statham. 2,437,765, Mar. 16.
Feeder: *See*—
  Poultry feeder.
Fender structure. J. T. Hughes. 2,437,960, Mar. 16.
File and jointer for spring and swage tooth saws, Side. E. G. Wooley. 2,438,086, Mar. 16.
Finger tip moistener for baseball pitchers. M. H. Chapman, Jr. 2,438,037, Mar. 16.
Finish remover composition. P. E. Marling. 2,437,964, Mar. 16.
Fire escape. E. B. Staley. 2,437,864, Mar. 16.
Fish lure. J. I. Bell. 2,437,803, Mar. 16.
Fixture, Valve stem facing. V. R. Becker. 2,437,927, Mar. 16.
Flexible coupling. S. D. Pool. 2,437,891, Mar. 16.
Floor surfacing machine. W. E. Holt. 2,437,958, Mar. 16.
Fluid operated clutch. N. F. Adamson. 2,437,670, Mar. 16.
Fluorination of acyclic olefinic compounds. A. F. Benning and J. D. Park. 2,437,993, Mar. 16.
Follow-up control. S. Godet. 2,437,951, Mar. 16.
Follow-up control. J. O. Yelda. 2,437,846, Mar. 16.
Fresh green vegetables, Preparing. O. L. Moulthrop. 2,437,859, Mar. 16.
Frozen grapefruit, Stabilization of. J. T. R. Nickerson. 2,437,752, Mar. 16.
Fuel pressure ignition control for burner systems. W. A. Ray. 2,437,894, Mar. 16.
Fuel pump for internal-combustion engines. G. E. Seals. 2,437,838, Mar. 16.
Fumaric nitrile, Preparing. H. A. Pace. 2,438,019, Mar. 16.
Gage: *See*—
  Multiple snap gage.
Game apparatus. M. F. Heuser. 2,437,819, Mar. 16.
Garment. W. W. Artzt. 2,437,988, Mar. 16.
Garment and making the same. W. W. Artzt and E. Lesavoy. 2,437,989, Mar. 16.
Garment article and making same. F. M. Schwartz. 2,437,974, Mar. 16.
Garment, Lady's. A. Licht. 2,438,062, Mar. 16.
Gauge: *See*—
  Multiple snap gage.
Gear: *See*—
  Steerable vehicle running gear.
Gear housing. R. E. Rambo and J. E. Pastoret. 2,438,020, Mar. 16.
Gin, Linter. H. C. Graebe. 2,438,047, Mar. 16.
Girdle and pantie, Combination. A. S. McAllister. 2,437,830, Mar. 16.
Glyceride oils, Hydrobleaching and hardening. W. J. Paterson. 2,437,705–6, Mar. 16.
Grinding apparatus. W. O. Dennis. 2,437,850, Mar. 16.
Guide, Frenum. J. A. Freel. 2,437,812, Mar. 16.
Hand-operated abrading and polishing tool. W. J. Lund. 2,437,827, Mar. 16.
Hand-operated loom. J. Tiefenthal. 2,437,716, Mar. 16.
Harvester, Sugar beet. H. C. Rassmann. 2,437,709, Mar. 16.
Harvesting mechanism. J. E. Love. 2,438,065, Mar. 16.
Headband construction, Adjustable. R. L. Malcom. 2,437,748, Mar. 16.
Heat-sealed valve bag. C. H. Hartman. 2,437,693, Mar. 16.
Heating and quenching apparatus. J. H. Loux. 2,438,064, Mar. 16.
Heating system for vehicles, Low-pressure steam. H. Appel. 2,437,673, Mar. 16.
Hemmed material and making the same. C. Seaman. 2,437,976, Mar. 16.
High-frequency tuning device. A. T. Nordsieck. 2,437,889, Mar. 16.
Hitch, Cargo trailer. W. M. Bready. 2,438,032, Mar. 16.
Holder: *See*—
  Bottle holder. Sadiron holder.
  Magazine razor blade holder. Token holder.
  Toothbrush holder.
Holder for double-edged wafer type blades. C. F. Bennett. 2,437,928, Mar. 16.

Holder for ice cards, Rotatable. A. M. La Brant. 2,437,826, Mar. 16.
Holders, Lamp. A. H. Laidig. 2,438,012, Mar. 16.
Holders, Making plastic comb. C. E. Maynard. 2,437,884, Mar. 16.
Hook inserting tool. L. Simonin. 2,437,762, Mar. 16.
Hose fitting. J. B. Brennan. 2,437,933, Mar. 16.
Hydraulic drum jack and carrier. T. Tietsema. 2,437,982, Mar. 16.
Hydraulic pulsator system and make-up means therefor. L. E. Hughes. 2,437,821, Mar. 16.
Hydraulic wheel drive. M. D. Duhaime. 2,438,040, Mar. 16.
Hydrocaffeic acid and esters as antioxidants. L. W. Elder and H. S. Levenson. 2,437,731, Mar. 16.
Hydrocarbons, Treating. A. C. Nixon and D. L. Yabroff. 2,438,018, Mar. 16.
Implement, Combination. J. T. Van Olden. 2,437,770, Mar. 16.
Indicator: *See*—
Ratio computing shift indicator.
Induction motor control by electric brake. H. S. Carnegie and H. Dolan. 2,437,996, Mar. 16.
Indurating boards of fibrous materials. H. O. V. Bergström, G. B. Heijmer, and K. G. Trobeck. 2,437,931, Mar. 16.
Ink, Printing. C. F. Chiappe and J. W. Kroeger. 2,437,908, Mar. 16.
Interpolymer of styrene and fumarodinitrile plasticized with an alkyl phthalyl alkyl glycolate. D. T. Mowry. 2,437,966, Mar. 16.
Invigorating apparatus, Facial. J. Mingea. 2,438,069, Mar. 16.
Jack: *See*—
Pump jack.
Jetty. G. W. Rehfeld. 2,437,754, Mar. 16.
Knitted fabrics, Method of and apparatus for separating. J. L. Getaz. 2,437,735, Mar. 16.
Lampshade. M. Kohn. 2,437,825, Mar. 16.
Last, Darning. J. L. Saulsberry. 2,437,758, Mar. 16.
Lathe center. B. Holohan. 2,437,957, Mar. 16.
Light-sensitive element for color photography. A. Wright. 2,437,924, Mar. 16.
Link-pin retaining device for radial engines. W. R. Dittmar. 2,437,877, Mar. 16.
Loading device. H. Drettmann. 2,437,808, Mar. 16.
Lock: *See*—
Coin controlled lock. Container safety lock.
Locking apparatus for elevator platforms. C. A. Dana. 2,437,999, Mar. 16.
Loom: *See*—
Hand-operated loom.
Lubricator: *See*—
Railway journal lubricator.
Machine for cutting potatoes including a stationary cutter and reciprocating plunger. W. A. Hetzler. 2,437,818, Mar. 16.
Machine for distributing fruit in rows on drying trays. N. E. Gaddini. 2,437,950, Mar. 16.
Machine for operating on shoes. B. Jorgensen. 2,437,696, Mar. 16.
Magazine razor blade holder. A. A. Rouse. 2,437,862, Mar. 16.
Magnesium production. F. J. Hansgirg. 2,437,815, Mar. 16.
Magnetic coupling. A. R. Wood. 2,437,871, Mar. 16.
Mail box. G. Ernst. 2,438,043, Mar. 16.
Manifold heat valve control. M. C. Brown. 2,437,724, Mar. 16.
Manufacture of composite metal articles. R. K. Hopkins. 2,437,782, Mar. 16.
Manufacturing optical elements. H. Rinia. 2,437,860, Mar. 16.
Mask, Gas. C. Rich. 2,437,755, Mar. 16.
Measuring device with gravity operated valves. W. H. Duggan. 2,438,002, Mar. 16.
Measuring the composition of gas, Method of and apparatus for. R. A. Ackley. 2,437,720, Mar. 16.
Mechanism for bending slider bodies. B. P. Lawson. 2,438,060, Mar. 16.
Metalworking machine. E. H. Varmee. 2,437,794, Mar. 16.
Meter: *See*—
Direct reading photoelectric exposure meter.
Milk bottle utility device. J. Stransky. 2,438,024, Mar. 16.
Modulation booster. F. H. Slaymaker. 2,437,839, Mar. 16.
Moisture control device. F. H. Cornelius. 2,437,680, Mar. 16.
Molding compounds comprising furfuryl alcohol reaction products, Producing. H. I. Hersh. 2,437,955, Mar. 16.
Motion transmitting device. R. M. Hettinga. 2,438,053, Mar. 16.
Mounting for and including optical refracting means and method of forming the same. A. D. Falkoff. 2,437,947, Mar. 16.
Multiarc welding. C. W. Steward and M. R. Rivenburgh. 2,437,840, Mar. 16.
Multiple snap gage. A. R. Burgess. 2,437,679, Mar. 16.
N-benzyl-N-myristyl morpholinium halides. J. B. and V. Niederl and M. E. McGreal. 2,437,833, Mar. 16.
N-sulfodicarboxylic acid aspartates. K. L. Lynch. 2,438,092, Mar. 16.
Needle felts, Making. C. S. Francis, Jr. 2,437,689, Mar. 16.
New metal salts of organic phosphines and making the same. C. Walling. 2,437,797, Mar. 16.
New secondary organic phosphorus halides and making the same. C. Walling. 2,437,798, Mar. 16.
Nose for spot welding tips, Replaceable. T. M. Haynes. 2,437,740, Mar. 16.
Nursing bottle attachment. R. V. Lloyd. 2,438,066, Mar. 16.
Nut, Lock. R. Mitchell. 2,437,751, Mar. 16.
Nut, Lock. J. M. Summers. 2,438,077, Mar. 16.
Oils, Hydrobleaching glyceride. W. J. Paterson. 2,437,706, Mar. 16.
Olefin oxides, Production and recovery of. I. Bergsteinsson and J. R. Scheibli. 2,437,930, Mar. 16.
Optical micrometer for measuring the thickness of transparent or translucent bodies. W. E. Williams. 2,437,775, Mar. 16.
Optical projection dividing head. J. H. Dowell, R. S. Sternberg, and T. Curson. 2,437,807, Mar. 16.
Organic isocyanates. J. J. Verbanc. 2,437,867, Mar. 16.
Organic phosphines, Making. C. Walling. 2,437,795, Mar. 16.
Organic phosphorus, Making. C. Walling. 2,437,796, Mar. 16.
Packaging. C. M. Carson. 2,438,089, Mar. 16.
Pad: *See*—
Shoulder pad.
Pad support for shoe presses. E. Dunford. 2,437,942, Mar. 16.
Paint, varnish, and lacquer films from surfaces, Removing. J. K. Craver. 2,438,038, Mar. 16.
Panel construction. C. V. Sweet. 2,438,079, Mar. 16.
Pencil with step-by-step feed, Mechanical. J. B. Traylor. 2,437,769, Mar. 16.
Penicillin, Producing. R. B. McCormack. 2,437,918, Mar. 16.
Phase modulator. C. E. G. Bailey. 2,437,872, Mar. 16.
Phenanthridine derivatives. L. P. Walls. 2,437,869, Mar. 16.
Phenol recovery. F. Porter. 2,437,921, Mar. 16.
Photoelectric control mechanism for flame-cutting devices. W. S. Tandler and D. S. Walker. 2,438,098, Mar. 16.
Pipe: *See*—
Smoking pipe.
Piping and producing same. C. Seaman. 2,437,979, Mar. 16.
Piston ring boring machine. A. H. Bates. 2,437,676, Mar. 16.
Pitching and batting device for baseball game, Mechanical. I. N. Jacobs and H. C. Jones. 2,437,745, Mar. 16.
Pivotally and slidably mounted outer jaw wrench. T. K. Andersen. 2,437,801, Mar. 16.
Plasticized prolamine composition. C. D. Evans and R. H. Manley. 2,437,946, Mar. 16.
Plate, Quartz oscillator. C. Frondel. 2,437,912–15, Mar. 16.
Plural storage device accounting machine. F. M. Carroll and A. B. Benson. 2,438,036, Mar. 16.
Polarized relay. A. C. Davis. 2,437,726, Mar. 16.
Poppet valve. W. R. Brant and H. G. Chapman, Jr. 2,437,723, Mar. 16.
Post having parabolic reflecting surface, Gun aiming. L. H. Brown. 2,437,677, Mar. 16.
Poultry blinder clip. M. Horowitz. 2,437,959, Mar. 16.
Poultry feeder. D. Van Meeteren. 2,438,080, Mar. 16.
Precision locating tool. A. A. Zeise. 2,437,847, Mar. 16.
Preparation of dihydroxanthopterin and xanthopterin. G. H. Hitchings. 2,437,853, Mar. 16.
Preparation of gamma-dibutylaminopropanol. A. W. Weston. 2,437,984, Mar. 16.
Preparation of 1-chloro-3-bromo-2-(2-chloroethoxy)-propane and the compound prepared. R. M. Vance and A. G. Horney. 2,437,866, Mar. 16.
Preparation of salts of mono-organo silianols. J. F. Hyde and O. K. Johannson. 2,438,055, Mar. 16.
Press tool. E. Engel and M. Salamon. 2,437,945, Mar. 16.
Pressure fluid controlling device. P. A. Lincoln. 2,437,856, Mar. 16.
Pressure release, Safety. J. J. Santiago. 2,437,836, Mar. 16.
Printer and control system therefor. W. Y. Lang. 2,437,698, Mar. 16.
Production of branched chain hydrocarbons catalyzed by a metal halide catalyst supported by a composite of alumina and titania. E. W. M. Fawcett, G. I. Jenkins, and J. Habeshaw. 2,437,948, Mar. 16.
Production of diolefins. T. H. Whaley. 2,437,773, Mar. 16.
Production of thioketones. De L. E. Winkler and S. A. Ballard. 2,437,985, Mar. 16.
Projection device for television apparatus. H. McD. Rundle. 2,438,022, Mar. 16.
Propeller, Aircraft. H. M. McCoy. 2,437,701, Mar. 16.
Protecting device for industrial gloves. I. W. Millard and E. W. Beatty. 2,437,886, Mar. 16.
Pulse communication. P. J. Reich. 2,437,970, Mar. 16.

Pump. J. H. Cox, A. P. Colaiaco, and H. A. Ross. 2,437,849, Mar. 16.
Pump. C. W. Mott. 2,437,887, Mar. 16.
Pump. G. R. Stoltenberg and A. P. Colaiaco. 2,437,897, Mar. 16.
Pump jack. N. W. Franzkowiak. 2,437,911, Mar. 16.
Pump with unloading bushing. J. M. Roth and J. A. Lauck. 2,437,791, Mar. 16.
Pyrimidine compounds and making the same. F. H. S. Curd, C. G. Raison, and F. L. Rose. 2,437,682, Mar. 16.
Pyrimidine compounds and producing same. F. H. S. Curd, C. G. Raison, and F. L. Rose. 2,437,683, Mar. 16.
Pyrolyzing alpha-pinene to allo-ocimene in liquid phase. T. R. Savich and L. A. Goldblatt. 2,437,759, Mar. 16.
Radio direction finder, Three-dimension. K. G. Jansky. 2,437,695, Mar. 16.
Radiological measurement of the permeability of porous media. E. M. Brunner and E. S. Mardock. 2,437,935, Mar. 16.
Railway journal lubricator. J. J. Hennessy. 2,437,817, Mar. 16.
Raking classifier. C. H. Scott and F. L. Graner. 2,437,760, Mar. 16.
Ratio computing phase shift indicator. R. B. Johnson and C. E. Larrabee. 2,438,056, Mar. 16.
Receiver and wave monitor. M. G. Crosby. 2,437,910, Mar. 16.
Receptacle: *See*—
Stud receptacle.
Reeling device switch. E. J. Wester and E. R. Ziegler. 2,438,082, Mar. 16.
Refrigerator, Motor vehicle. F. W. Merstick. 2,437,885, Mar. 16.
Regulator: *See*—
Voltage regulator.
Relaxing keratinous fibres. E. B. Michaels and B. Lustig. 2,437,965, Mar. 16.
Remote positioning control. W. P. Lear. 2,438,061, Mar. 16.
Resin coated product and making it, Craze-resistant synthetic. N. R. Yorke. 2,437,799, Mar. 16.
Resins from a methylol monohydric phenol and a polyhydric phenol, Production of. P. H. Rhodes. 2,437,710, Mar. 16.
Ribbon threading mechanism. L. Lorenz-Risler. 2,438,063, Mar. 16.
Ring: *See*—
Sealing ring.
Roll stabilizer for taking up play in bearings of roll mills. W. Fincher. 2,437,733, Mar. 16.
Roof structure. I. P. Whitehouse. 2,438,099, Mar. 16.
Rotary magazine for toy guns. E. L. Drumheller. 2,437,728, Mar. 16.
Rotary shaft construction. E. B. Hudson. 2,437,820, Mar. 16.
Rotor for synchronous electric motors. J. Rose. 2,437,922, Mar. 16.
Roughening machine. J. R. Oliver. 2,437,753, Mar. 16.
Rubber extenders, Making. L. Auer. 2,437,925, Mar. 16.
Rule, Slide. O. E. Batori. 2,437,722, Mar. 16.
Sadiron holder. M. M. Holliday. 2,438,054, Mar. 16.
Safety container. N. D. Hernández. 2,438,052, Mar. 16.
Safety shoe and making the same. H. G. McMurray. 2,438,016, Mar. 16.
Sanding device for motor vehicles. J. U. Richard. 2,437,788, Mar. 16.
Sanitary napkin, Unitary. H. S. Croft. 2,438,039, Mar. 16.
Saw, Laterally-cutting rotary cylindrical. R. E. Adams. 2,437,669, Mar. 16.
Saw, Power driven rotary cylindrical. R. E. Adams. 2,437,668, Mar. 16.
Scalping machine control apparatus. E. W. Mason. 2,437,829, Mar. 16.
Seal and terminal for electric furnaces, Gas-tight. J. G. Hoop. 2,438,008, Mar. 16.
Seal, Liquid. T. H. Winkeljohn. 2,437,900, Mar. 16.
Sealing means. R. O. Hallen. 2,437,814, Mar. 16.
Sealing ring. T. H. Winkeljohn. 2,437,901, Mar. 16.
Sediment raking mechanism for a settling tank comprising a central support and a hinged body between the support and the raking mechanism. C. H. Scott. 2,437,761, Mar. 16.
Selector switch. F. Edgarton. 2,438,042, Mar. 16.
Selenium rectifiers. W. E. Blackburn. 2,437,995, Mar. 16.
Separating diacetone and monoacetone sorbose. W. R. Graff and W. S. Harmon. 2,437,852, Mar. 16.
Separator: *See*—
Separator-belt type magnetic separator.
Sewing machine. C. Seaman. 2,437,978, Mar. 16.
Sewing machine and attachment therefor for making cross-stitches. C. Seaman. 2,437,975, Mar. 16.
Shear testing device. J. D. Mann. 2,437,750, Mar. 16.
Shearing machine drive. M. Hänggi. 2,437,738, Mar. 16.
Sheet feeding apparatus. W. E. Schneider. 2,437,792, Mar. 16.
Shingle. J. E. Black. 2,437,874, Mar. 16.
Shock absorber. B. L. Mallory. 2,437,749, Mar. 16.
Shock absorbing strut for aircraft. T. Knox. 2,438,011, Mar. 16.
Shoe welt, Seam-filling. W. E. Phinney. 2,438,095, Mar. 16.
Shoulder pad. J. M. Piccinni. 2,438,072, Mar. 16.
Signal: *See*—
Vehicle turn signal.
Signal receiver and warning device. S. B. Cohn. 2,437,876, Mar. 16.
Signal system, Door open. K. Zajc. 2,437,777, Mar. 16.
Sizes, Stabilization of rosin. E. N. Poor and K. L. Howard. 2,438,096, Mar. 16.
Skiver. G. W. Russell. 2,437,971, Mar. 16.
Sleigh. D. W. Thompson. 2,437,767, Mar. 16.
Slide valve assembly for the fluid pressure power cylinders of duplex reciprocators. G. K. Johnstone. 2,437,854, Mar. 16.
Sliding wall paper base trimmer. M. J. Rutledge. 2,437,896, Mar. 16.
Smoking pipe. E. J. Sonn. 2,437,763, Mar. 16.
Sofa bed hinge structure. M. Fox and G. F. Hassel. 2,437,949, Mar. 16.
Spacer and protector for yarn-holding devices. H. C. Wolfenden. 2,437,987, Mar. 16.
Sphygmomanometers. C. B. Rohr. 2,437,861, Mar. 16.
Sports vehicle. O. Züllig. 2,437,903, Mar. 16.
Spring back rest, Pivoted. R. A. and H. W. Cramer, and R. A. Cramer, Jr. 2,437,940, Mar. 16.
Sprinkler control. J. D. Spence. 2,437,764, Mar. 16.
Stack. C. F. Wait. 2,437,771, Mar. 16.
Steerable vehicle running gear. E. and L. H. Hekman. 2,437,816, Mar. 16.
Stick and nail cleaner, Cuticle. B. B. Peritz. 2,437,834, Mar. 16.
Storage means for liquefied gas. H. C. Cooper. 2,437,909, Mar. 16.
Stove. C. J. Buhman and L. E. Mendel. 2,438,035, Mar. 16.
Stud receptacle. S. W. Hennessey, Jr. 2,438,051, Mar. 16.
Styrene from butadiene, Producing. H. A. Dutcher. 2,438,041, Mar. 16.
Submerged-belt type magnetic separator. R. E. Crockett and P. S. Haselton. 2,437,681, Mar. 16.
Support for electrooptical apparatus. A. G. Cooley. 2,437,848, Mar. 16.
Support for invalids, Portable. B. Ames. 2,437,778, Mar. 16.
Suture. E. St. Pierre. 2,437,841, Mar. 16.
Switch: *See*—
Deformable switch. Reeling device switch.
Elevator switch. Selector switch.
Switchboard. W. R. Taliaferro. 2,438,025, Mar. 16.
Switch operator for lamp tables. H. C. Engelbrecht. 2,437,809, Mar. 16.
Syringe, Vaccination. G. N. Overton. 2,437,920, Mar. 16.
Tape for electric cable, Semiconducting. C. E. Plass and D. J. Sullivan. 2,437,708, Mar. 16.
Tape for slide fasteners. O. Firing and R. M. Gibbons, Jr. 2,437,734, Mar. 16.
Telemetering system. W. A. Derr. 2,438,000, Mar. 16.
Telescope attachment for firearms. J. W. Horvath. 2,437,744, Mar. 16.
Television, Color. P. C. Goldmark. 2,437,690, Mar. 16.
Tenter machine clip. J. C. Nash. 2,437,967, Mar. 16.
Terpene product. D. A. Lister. 2,437,857, Mar. 16.
Tether apparatus. G. S. and T. J. Oberdorf. 2,437,786, Mar. 16.
Thermosetting vinyl chloride-vinylidene chloride copolymer compositions. T. H. Rogers, Jr., and R. D. Vickers. 2,438,097, Mar. 16.
Thermostatic damper control. J. G. Dunville. 2,437,878, Mar. 16.
Thermostatic shutter control and surge protection. R. W. Jensen. 2,437,961, Mar. 16.
Thread case. B. Narki. 2,437,888, Mar. 16.
Thread tension arrangements in textile machines. A. Brügger. 2,438,034, Mar. 16.
Timing apparatus. W. O. Bennett, Jr. 2,437,929, Mar. 16.
Token holder. E. R. Hessel. 2,437,956, Mar. 16.
Toluene sulfonic acid treatment of aromatic hydrocarbons. R. L. Dockendorff. 2,438,001, Mar. 16.
Tool: *See*—
Combined drill and deburring tool. Hook inserting tool.
Electrically heated tool. Precision locating tool.
Hand operated abrading and polishing tool. Press tool.
Toolholder. L. Carpentier. 2,437,779, Mar. 16.
Toothbrush holder. E. J. Hagglund. 2,437,781, Mar. 16.
Tooth, Pontic. J. B. Earman. 2,437,943, Mar. 16.
Toy airplane. J. Hojnowski. 2,437,743, Mar. 16.
Toy gun. E. L. Drumheller. 2,437,727, Mar. 16.
Toy submarine. F. E. Bonner. 2,438,031, Mar. 16.
Transporting and storage crate. D. H. Bitney. 2,438,030, Mar. 16.
Transporting equipment. G. R. Dempster. 2,437,806, Mar. 16.
Treated steel sheet and process. R. R. Tanner. 2,438,013, Mar. 16.
Treating diacetone sorbose and monoacetone sorbose. J. F. Mahoney and H. H. Bassford, Jr. 2,437,858, Mar. 16.
Treating sulfidic tungsten ore concentrates. T. J. Williams. 2,437,870, Mar. 16.
Treating tomatoes. D. Childs, A. E. Braun, and J. Hanson. 2,437,937, Mar. 16.
Trolley conductor device. R. P. Hanna. 2,438,007, Mar. 16.

Trouser and suspender combination. W. A. Thomason, Jr. 2,437,714, Mar. 16.
Truck, Elevating. R. Hastings, Jr. 2,437,953, Mar. 16.
Tube: *See*—
Colostomy tube.
2:4-diamino 1:3:5-triazines, Manufacture of. A. Grün. 2,437,691, Mar. 16.
Two-way plow. H. G. Ferguson. 2,437,879, Mar. 16.
Valve: *See*—
Poppet valve.
Variable-pitch fan blade assembly. S. C. and N. B. Earley, E. J. Sanders, W. C. Skareen, R. L. Davies, and J. A. Hughes. 2,437,810, Mar. 16.
Vehicle driving mechanism. L. R. Buckendale. 2,437,678, Mar. 16.
Vehicle tires, Making. C. L. Beward. 2,437,873, Mar. 16.
Vehicle turn signal. C. E. Edwards. 2,437,944, Mar. 16.
Veneering elastomers. E. E. Leach, Jr. 2,437,855, Mar. 16.
Ventilator, Window. R. H. Hoach. 2,437,741, Mar. 16.
Vibration damping mount. Le R. L. Werner. 2,437,717, Mar. 16.
Vibrator. H. S. Wenander. 2,437,983, Mar. 16.
Voltage control circuit. W. R. Rambo. 2,437,892, Mar. 16.
Voltage regulator. S. Saretzky. 2,437,837, Mar. 16.
Washer for articles or the like. J. J. Palotsee. 2,437,968, Mar. 16.
Wave length modulation. G. L. Usselman. 2,437,923, Mar. 16.
Wheel suspension. N. E. Wahlberg and G. V. Hedstrom. 2,437,844, Mar. 16.
Wig construction. S. J. Goldman. 2,438,005, Mar. 16.
Windshield cover. R. S. Wyeth. 2,437,845, Mar. 16.
Winding device for cinematograph films and other applications. A. M. B. Charlin. 2,437,997, Mar. 16.
Winding machine. E. A. Conner. 2,437,725, Mar. 16.
Window. R. W. Elsinger. 2,437,730, Mar. 16.
Work gauging device for bore grinding machines. P. H. Hutchinson. 2,437,783, Mar. 16.
Wrench: *See*—
Pivotally and slidably mounted outer jaw wrench.
Wringer with pressure rollers and carrying bail, Mop. E. Wurdeman. 2,438,087, Mar. 16.
Yarn smoothing apparatus and method. A. A. Wood. 2,438,084, Mar. 16.
Zipper manufacturing machinery. D. Silberman. 2,437,793, Mar. 16.

CLASSIFICATION OF PATENTS

ISSUED MARCH 16, 1948

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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2— 6: 2,437,748
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This list shows the correct classification of those patents wherein the classification given in the patent head has been changed.

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Classification of Designs

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DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

In re Camp

No. 5352. Decided January 6, 1948

[— F.2d —; 76 USPQ 309]

1. Invention—New Combination—Traffic Guard.

Where the rejection was based solely on the ground of old combination, and the references singly or in combination, did not disclose or suggest the actual structure recited in the appealed claims, and where it appears that there is a definite coaction between the elements recited, *Held* that appellant has produced a new combination not disclosed by the prior art, involving invention.

2. Same—Same—Same.

Certain claims to a traffic guard involving a new type of action of the spring, clip and impact member *Held* a new combination involving invention.

Appeal from the Patent Office. Serial No. 425,445.

REVERSED.

K. Wilson Corder (*Robert C. Watson* of counsel) for Camp.

W. W. Cochran (*H. S. Miller* of counsel) for the Commissioner of Patents.

Hatfield, *J.*:

This is an appeal from the decision of the Board of Appeals of the United States Patent Office affirming the decision of the Primary Examiner rejecting claims 1 to 12, inclusive, in appellant's application for a patent for an invention relating to a highway guard rail construction.

Claims 13, 14, and 15 were allowed by the Primary Examiner.

Claim 4 is sufficiently illustrative of the appealed claims. It reads:

In a traffic guard of the character described, a series of supports, curved spring brackets mounted on said supports, a clip pivotally united with the front portions of said brackets, and a flexible resilient impact member carried by said clip in sliding relationship therewith.

The references relied on are: Campbell, 2,007,467, July 9, 1935; Irons et al., 2,056,858, October 6, 1936; Camp, 2,167,635, August 1, 1939.

The device disclosed by appellant's application comprises a guard rail or impact member in the form of a long flat strip of metal which extends horizontally between two end posts, with the flat side of the strip in a vertical plane. The ends of the strip are resiliently connected to the end posts by coil springs. Additional posts are provided between the end posts for supporting the intermediate portions of the impact member. Each of the additional posts carries a spring which is in the form of a flat strip of resilient metal bent into a substantially circular loop, the axis of which is vertical. The ends of the strip are formed to provide eyes through which a pintle may be passed. Associated with each of the springs is a clip member in the form of a flat plate having its upper and lower edges turned over to provide grooves adapted to receive the impact member. The back of the clip is formed to provide two sets of eyes, and these eyes are brought into registering position with the eyes on the ends of the spring, and pintles are passed through them, thus providing a pivotal connection between the clip and each end of the spring. The impact member passes through the clips and is held against vertical displacement by the turned-over edges, but is free to slide horizontally through the clips.

The references relied on all show guard rail structures in which a flat strip is resiliently connected at its ends to end posts and in which intermediate posts are provided, the intermediate posts having springs mounted on them, and the springs carrying clips through which the flat strip slidably passes. None of the references, however, show a pivotal connection between the clip and the spring.

[1] The Primary Examiner and the Board held that the references disclosed appellant's combination of posts, flat metal strip, spring mountings and clips to be old and that appellant's invention resided in his specific spring and clip for attaching the strip to the intermediate posts. Claims to the spring and clip combination were allowed. The rejection was based solely on the ground of old combination and it was not held that the references, singly or in combination, disclosed or suggested the actual structure recited in the appealed claims.

The rejection on the ground of old combination would be proper if appellant's new arrangement of spring and clip did not result in a different operation of the flat strip which forms the impact member. Thus, if the new arrangement were merely stronger or more resilient than the old ones, no new combination would be produced. In the present case, however, as counsel for appellant points out, if the clip was not pivotally mounted, the impact member, when struck by a car, might be sharply bent around the spring, so that when the car, in

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traveling along the impact member, arrives at the spring, it will encounter a sudden change in the direction of the impact member which would result in damage to the car or guard rail structure or both. On the other hand, with appellant's pivotally mounted clip construction, the clip changes its direction when the impact member is struck by a car, and the portion of the member which is held by the clip undergoes a corresponding change in direction. The result is that instead of a sudden bending about a substantially fixed point there is a more gradual change in direction on the part of a considerable length of the impact member. There being no sharp bends, the car is guided away from the impact member and its change of direction is sufficiently gradual to avoid damage.

[2] It thus appears that there is a definite coaction between the pivotally mounted clip and the impact member and that the action of the member is modified in kind by the pivotal mounting. Since no such pivotally mounted clip is shown in the references relied on, it follows that, so far as the references are concerned, appellant has produced a structure involving a new type of action of the spring, clip, and impact member. Under such circumstances the impact member and supporting posts, which are essential to the production of the new type of action, constitute elements of a new combination, not disclosed by the prior art and, in our opinion, involves invention.

For the reasons stated, the decision of the Board of Appeals is reversed.

REVERSED.

BLAND, J., sat during the argument of this case, but resigned before the opinion was prepared.

REGISTER OF PATENTS AVAILABLE FOR LICENSING OR SALE

(The "Groups" appearing after the patent abstracts are based on the Standard Industrial Classification Manual, Vol. I, Manufacturing Industries, Executive Office of the President, Bureau of the Budget)

The United Shoe Machinery Corporation, of 140 Federal St., Boston 10, Mass., has placed 186 patents on the Register of Patents as available for license in addition to the 2,092 patents previously registered by this corporation. Of these patents, 138 cover shoe machinery, the remaining 48 being useful in various other fields which include sewing machines, parts, and attachments; sorting machines; and devices such as finishing tools and brush structures. Abstracts of these 186 patents will be published in groups in the OFFICIAL GAZETTE from March 2 to March 16 inclusive.

SHOE MACHINERY (Group 35—59)—Con.

Pat. 2,300,552. NAILING MECHANISM. Patented Nov. 3, 1942. Relates to a machine for driving in inclined directions heel attaching nails having cross-shaped heads. Inclined passages formed by intersecting slots guide the nails which are driven by flat driver bars each of which moves in one of the slots. Reg. No. 9,296.

Pat. 2,301,275. PINKING MACHINE. Patented Nov. 10, 1942. A machine for pinking wing tips having a reentrant point at the center of the throat. The work may be fed in either direction and when a wing tip is being pinked the operation is performed in both directions from the center point. Reg. No. 9,297.

Pat. 2,301,300. MACHINE FOR ROUGHING SHOE PARTS. Patented Nov. 10, 1942. A sole roughing machine having a multipointed scratching tool which is reciprocated across the sole margin and feed mechanism which advances the work at such a rate, relative to the movement of the tool, that a network of scratches is produced. The tool is tiltable to accommodate itself to various angles of bevel of the sole margin. Reg. No. 9,298.

Pat. 2,301,982. PRESS. Patented Nov. 17, 1942. Relates to a clicking machine in which cooperating frusto-conical members on the spindle and frame, respectively, of the machine engage each other upon descent of the spindle in order to brake angular movement of the spindle and beam. Reg. No. 9,299.

Pat. 2,302,019. MACHINE FOR OPERATING UPON SHOES. Patented Nov. 17, 1942. Relates to a machine for cement attaching a sole to a prewelt shoe upper off the last. A pair of driven rolls progressively press the cemented welt and sole together, the welt being guided by a horn supported roll engaging its inner edge and an edge gage acting against its outer edge. The sole is guided by a separate edge gage. Reg. No. 9,300.

Pat. 2,302,738. MACHINE FOR OPERATING UPON SOLES. Patented Nov. 24, 1942. A channel lip cutting and scoring machine having a work table with which are associated various dies for marking size, width and other symbols and indenting lines in the grain face of a sole. Novel gage mechanism positions the sole in proper relation to the operating tools. Reg. No. 9,301.

Pat. 2,302,750. MACHINE FOR USE IN SHAPING SHOE UPPERS. Patented Nov. 24, 1942. A machine for preshaping the forepart of a prewelt upper before the welt is applied. The upper is held in an outer mold while an inner form containing a rubber expander is caused to bulge outward and shape the peripheral portion of the upper against the outer mold. Reg. No. 9,302.

Pat. 2,302,768. MACHINE FOR OPERATING UPON SOLES. Patented Nov. 24, 1942. Relates to a sole conforming machine having relatively movable clamps for the fore and heel parts of a sole and means for moving the clamps to cause a relative movement laterally of the sole between its mid portion and its ends to create a fullness or surplus of sole material in the inner margin of the shank portion of the sole. Reg. No. 9,303.

Pat. 2,303,439. MACHINE FOR ROUGHING SHOE PARTS. Patented Dec. 1, 1942. A machine having a reciprocating chopping tool the edge of which is scalloped and an intermittent feed mechanism which advances a sole between successive penetrations of the sole by the tool. The tool forms in the surface of the sole a multitude of closely adjacent gashes disposed at an oblique angle to the surface of the sole. Reg. No. 9,304.

Pat. 2,304,959. GAUGING MEANS FOR SHOE MACHINES. Patented Dec. 15, 1942. As an aid in positioning right and left shoes in a heel attaching machine, translucent panels below the forepart of the shoe show lines of light projected upon them through slots in adjustable plates covering a chamber in which are electric lights. One line of light locates a right shoe and another line locates a left shoe. Reg. No. 9,305.

Pat. 2,305,682. GRIPPER. Patented Dec. 22, 1942. Relates to a gripper operating mechanism for lasting machines so constructed that the gripper jaws are first closed to grip a shoe upper and are thereafter closed more tightly to increase the force of their grip on the upper during the upper-pulling operation. Reg. No. 9,306.

Pat. 2,305,689. MACHINE FOR USE IN OPERATING UPON SHOE UPPERS. Patented Dec. 22, 1942. A two-station machine for molding the back parts of shoe uppers. At one station an intramarginal portion of a back part is stretched, the back part is premolded and the lasting margin is crimped. At the other station the back part is molded under heavy pressure and the lasting margin is turned in to form an attaching flange. The two stations are operated alternately. Reg. No. 9,307.

Pat. 2,306,441. SPLITTING MACHINE. Patented Dec. 29, 1942. A sole splitting or evening machine designed to produce a finished product which is of uniform thickness throughout. A rotating turn-table on which the soles are placed cooperates with a conical feed roll rotated at the same surface speed to feed the soles to a splitting knife. The feed roll is slotted to accommodate the operative portions of presser fingers which extend into close proximity to the knife. Reg. No. 9,308.

SEWING MACHINES, PARTS AND ATTACHMENTS (Group 35—83)

Pat. 1,950,564. SEWING MACHINE. Patented Mar. 13, 1934. A crank operated lockstitch sewing machine having advantageous needle, awl, needle guide and shuttle actuating mechanisms. Reg. No. 9,309.

Pat. 1,951,369. WELT SEWING MACHINE. Patented Mar. 20, 1934. A welt shoe sewing machine having a welt cutter and a welt gripper in which connections are provided for locking the cutter from operation until the gripper is shifted while gripping the welt by a pull on the welt, whereupon the cutter may be actuated by a manual control. Reg. No. 9,310.

Pat. 2,046,062. WELT TEMPERING MACHINE. Patented June 30, 1936. Welting is drawn around, and rotates, a guide wheel which is geared to and drives a revolving brush the lower part of which is immersed in water and the upper part of which rubs the water into the welt. Reg. No. 9,311.

Pat. 2,085,253. SEWING MACHINE. Patented June 29, 1937. A machine for sewing adhesive tape, having a tape guide in which the tape is freed from adhesion to the confining surfaces of the guide during work feed by a member acting at right angles to the length of the tape. Reg. No. 9,312.

Pat. 2,296,888. SHOE SEWING MACHINE. Patented Sept. 29, 1942. A device for preventing injury to the inseam in a Goodyear welt shoe which comprises a thin horizontal plate pivoted to the work table of an outsole stitcher to provide a crease guide. The plate is connected to the edge gage mechanism and is arranged to be brought into operative position when the edge gage is moved toward an inoperative position, thus moving the inseam out of the path of the needle and awl. Reg. No. 9,313.

Pat. 2,298,268. SEWING MACHINE. Patented Oct. 13, 1942. An outsole stitcher in which each stitch is tightened by a take-up between which and the work a thread clamp acts to stop withdrawal of thread from the work and to limit the stitch setting tension and thereafter causes the take-up to pull thread for the next stitch from the supply. The thread clamp finally is moved bodily a short distance to set the stitch and a fixed thread clamp between the take-up and the supply locks the thread after the supply for the next stitch has been pulled off. Reg. No. 9,314.

Pat. 2,303,461. SHOE SEWING MACHINE. Patented Dec. 1, 1942. A sewing machine attachment for guiding a seam in a circular path surrounding a spike in the sole of an athletic shoe. A perforated lug in the attachment surrounds the spike and is arranged to clamp the shoe adjacent to the sewing point while permitting movement of the attachment to clamp and unclamp the shoe. Reg. No. 9,315.

OTHER MACHINERY

Pat. 1,911,693. TREADLE MECHANISM. Patented May 30, 1933. Control mechanism including two treadles, one located in the usual position for use when the operator is standing and the other at a higher level for use when the operator is seated. Group 35—59. Reg. No. 9,316.

Pat. 1,920,260. MECHANISM FOR SUPPLYING FASTENINGS. Patented Aug. 1, 1933. A mechanism for distributing tacks, having a plurality of raceways and a plurality of separately yieldable members, movable by the operator to apply pressure to tacks in the raceways and thus prevent their delivery. Group 35—59. Reg. No. 9,317.

Pat. 1,927,060. ROLLER CLUTCH. Patented Sept. 19, 1933. Steel inserts which serve as the wedge members of a Horton clutch are made adjustable to take up wear and provide new wearing surfaces after grooves have been formed in them at prior settings. Group 35—66. Reg. No. 9,318.

Pat. 1,930,579. APPARATUS FOR TREATING HEELS. Patented Oct. 17, 1933. An apparatus for conditioning and holding adhesive-coated heels preparatory to the application of cover material. The heels are placed in radial holders of a rotary conveyor which carries them through a concentric, segmental, heating chamber and presents them to a jack in which each heel is held while a cover is applied to it. Group 35—59. Reg. No. 9,319.

Pat. 1,931,611. FASTENER SEPARATING MECHANISM. Patented Oct. 24, 1933. A tack separating mechanism comprising a roll having a rubber periphery for engaging tacks and means for rotating the roll, intermittently, to separate the tacks. Group 35—59. Reg. No. 9,320.

Pat. 1,933,672. PATTERN REPRODUCING MACHINE. Patented Nov. 7, 1933. An improvement on the machine of Pat. 1,953,236 to adapt it for "center grading" irrespective of the actual settings of the grading mechanism. Means is provided for locking the follower and the cutting tool against relative movement and absorbing the movement effected by the grading mechanism when the locking means is effective. Group 35—59. Reg. No. 9,321.

Pat. 1,953,236. PATTERN GRADING MACHINE. Patented Apr. 3, 1934. The machine comprises four primary instrumentalities, namely, model and work holders, a follower, and a cutting tool, interconnected by pantographic mechanism which is adjustable to change the length and width grading factors independently during operation. Means is provided for compensating for relative movement between two of the primary instrumentalities produced by adjustment of the pantographic mechanism, to avoid a jog in the work. Group 35—59. Reg. No. 9,322.

Pat. 1,980,360. APPARATUS FOR DRYING OR CONDITIONING ARTICLES. Patented Nov. 13, 1934. An apparatus for drying the gum on envelope flaps. The envelopes are carried around by a conveyor between two U-shaped air ducts from which warm, moist air is delivered upon the gummed flaps to dry the gum as the envelopes travel. Group 35—64. Reg. No. 9,323.

Pat. 2,001,750. SHOE-CONVEYING SYSTEM. Patented May 21, 1935. One conveyor is arranged above another and positioning devices at the transfer point maintain shoes upright as they descend from the upper conveyor to the lower. These devices are yieldable and actuate a mercury switch to stop the driving motor when clogging occurs. Group 35—62. Reg. No. 9,324.

Pat. 2,003,391. TACK SUPPLYING DEVICE. Patented June 4, 1935. A device for supplying a single tack, including a pair of rolls, one of which receives the tack and presents it in position to be taken by an operator. Group 35—59. Reg. No. 9,325.

Pat. 2,012,350. STARTING AND STOPPING MECHANISM. Patented Aug. 27, 1935. A starting and stopping mechanism including a member movable, by the operator, to start the operation of a power-driven member and arranged, upon further movement in the same direction, to stop the operation of the power-driven member. Group 35—66. Reg. No. 9,326.

Pat. 2,068,725. SORTING MACHINE. Patented Jan. 26, 1937. A machine for sorting such articles as heel lifts for thickness. A turntable carries a series of cam controlled calipering clamps which release the articles suddenly at locations determined by their thickness. Group 35—59. Reg. No. 9,327.

Pat. 2,070,633. CAM OPERATED MACHINE. Patented Feb. 16, 1937. A machine actuated by a slotted cam having a follower engaging the slot in the cam, in which the cam slot is so formed that the follower moves from one side of the slot to the other with a uniform low velocity and engages the other side of the slot without undesirable impact at the maximum speed of operation for which the machine is intended. Group 35—59. Reg. No. 9,328.

Pat. 2,185,939. METHOD OF AND APPARATUS FOR UPSETTING HOLLOW RIVETS. Patented Jan. 2, 1940. Tubular rivets having closed inner ends are set in plates which are accessible on only one side by a gyrating mandrel which is inserted in a rivet and expands both ends of the rivet with a spinning action. Group 35—59. Reg. No. 9,329.

Pat. 2,301,351. APPARATUS FOR DISPOSING OF DUST. Patented Nov. 10, 1942. A dust collecting apparatus for abrading machines. A settling chamber has a row of intake openings separated by a baffle from an exhaust conduit the intake orifice of which is bordered by a flange which prevents dust deposited on the conduit from being swept into the conduit. Group 35—64. Reg. No. 9,330.

SHOES, SHOE PARTS AND SHOEMAKING METHODS (Group 31—41)

Pat. 2,300,540. METHOD FOR USE IN ATTACHING SOLES TO SHOES. Patented Nov. 3, 1942. This method consists in relatively locating a shoe and sole while they are spaced from each other and bulging the shank portion of the sole upward, before applying sole-attaching pressure, to make the length of the shank portion of the sole correspond to that of the shank portion of the shoe so that no stretching of the sole material is necessary in order to lay it properly against the shank portion of the shoe. Reg. No. 9,331.

Pat. 2,407,224. SHOE AND METHOD OF MAKING THE SAME. Patented Sept. 10, 1946. A platform shoe is made by securing a wrapper strip to an upper, securing an outturned margin of the upper to the reduced margin of a rabbeted platform sole, turning the wrapper strip outward, downward and inward around the edge of the platform, and attaching an outsole to the shoe. Reg. No. 9,332.

Pat. 2,407,352. METHOD OF MAKING SHOES. Patented Sept. 10, 1946. A slip-lasted platform shoe is made by securing together off the last an upper, an edge covering strip and an insole, with the upper wrong side out, turning the upper, inserting a last, attaching a platform sole to the insole, wrapping the covering strip around the edge of the platform, and attaching an outsole to the inturned margin of the covering strip. Reg. No. 9,333.

Pat. 2,409,813. REVERSIBLE SHOE. Patented Oct. 22, 1946. Relates to a reversible platform shoe having two platform soles in superimposed relation, a stay piece secured between them, a double faced upper secured to the margin of the stay piece, and wrapper strips covering the margins of the platform soles and having their margins also secured to the margin of the stay piece. Reg. No. 9,334.

DEVICES

Pat. 1,871,880. FINISHING TOOL. Patented Aug. 16, 1932. A heel burnishing tool having an indenting wheel and a rand crease engaging lip. Group 32—91. Reg. No. 9,335.

Pat. 1,894,452. LAST. Patented Jan. 17, 1933. A separable last having a forepart and a heel part separated by a cut and joined to each other by a resiliently supported hook on one part engaging a pin in the other part. Group 35—59. Reg. No. 9,336.

Pat. 1,895,457. FASTENING INSERTING MECHANISM. Patented Jan. 31, 1933. A hand stapling device adapted to drive a staple with its legs deflected laterally of the crossbar and having a novel staple strip magazine. Group 35—59. Reg. No. 9,337.

Pat. 1,969,747. INSERTION OF FASTENINGS. Patented Aug. 14, 1934. A welt type staple having helically clenched legs; article, shoe and method. Group 35—59. Reg. No. 9,338.

Pat. 1,976,016. HEEL FINISHING TOOL. Patented Oct. 9, 1934. A finishing tool having means for applying and distributing a finishing medium to, and for burnishing, the peripheral surface of a heel. Group 32—91. Reg. No. 9,339.

Pat. 2,040,758. SPRAT COLLECTOR. Patented May 12, 1936. Two tubular members placed end to end form a passage through which unused sprayed material is drawn by a fan. Cheesecloth to filter out the material is stretched across the passage and is gripped between the ends of these members. Group 35—64. Reg. No. 9,340.

Pat. 2,042,512. LAST. Patented June 2, 1936. A last for use in attaching a heel to a shoe by the two-step method of Patent 2,030,139. The screw engaging plate in the last is shiftable between screw-engaging and screw-releasing positions under the influence of gravity instead of by a manually operated actuating member. Group 35—59. Reg. No. 9,341.

Pat. 2,058,499. WELT SUPPORTING DEVICE. Patented Oct. 27, 1936. A portable device to be applied to a welt shoe to support the welt against sole attaching pressure. Pivoted plates formed to fit in the welt crease of the shoe carry sole positioning gages, one of which is yielding. Group 35—59. Reg. No. 9,342.

Pat. 2,068,025. FASTENING. Patented Jan. 19, 1937. Relates to a fiber fastening comprising a plurality of strands of paper twine, impregnated with glue, twisted together and secured in twisted relation by an additional coating of glue. Group 22—98. Reg. No. 9,343.

Pat. 2,071,400. LAST. Patented Feb. 23, 1937. An extensible last the heel part of which can be moved rearward by mechanism forming part of a special jack while the last is in a shoe. Means is provided for preserving the continuity of the side faces of the last when the heel part is moved away from the forepart. Group 35—59. Reg. No. 9,344.

Pat. 2,075,916. LAST. Patented Apr. 6, 1937. Relates to a collapsible last having a metal heel part and a wooden forepart to which a metal guard plate forming the joint with the heel part is fastened by the same bonding mechanism that holds the heel part and forepart together. Group 35—59. Reg. No. 9,345.

Pat. 2,085,148. HINGE LAST. Patented June 29, 1937. A hinge last the parts of which are separable and which is so organized that the heel part can be removed from a shoe on the last without disturbing the forepart. Group 35—59. Reg. No. 9,346.

Pat. 2,087,969. METHOD AND TOOL FOR ROLL-CLENCHING EYELETS. Patented July 27, 1937. Relates to a method and tool for upsetting ductile metal eyelets by roll-clenching the end of an eyelet against a work-piece and deforming its rim at one or more points to develop work-indenting projections on its work-engaging edge. Group 32—91. Reg. No. 9,347.

Pat. 2,093,436. LAST. Patented Sept. 21, 1937. A last for use in the machine of Patent No. 2,093,435. Air ducts extend from the thimble hole to various portions of the surface of the last, a valve admitting air to each duct in turn while closing the other ducts. Group 35—59. Reg. No. 9,348.

Pat. 2,094,118. LAST. Patented Sept. 28, 1937. A hinge last the parts of which are connected by an open, resilient, elliptical link having two oppositely facing lugs on its longer, inside, faces which lugs act as abutments to prevent undue stretch of the link and backward bending of the last under pressure. Group 35—59. Reg. No. 9,349.

Pat. 2,107,375. EYELET. Patented Feb. 8, 1938. Relates to a ductile metal eyelet the barrel of which has a blunt clenching end divided into alternate high and low segments by a series of arcuate indentations. When such an eyelet is roll-clenched the high segments are embedded in the eyelet receiving material more deeply than the low segments, increasing the holding power of the eyelet, and the form of the indentations prevents the clenching end of the eyelet from bursting or splitting. Group 35—59. Reg. No. 9,350.

Pat. 2,199,483. LAST. Patented May 7, 1940. Relates to a last having a clinching plate spaced from the bottom of its forepart, to separate the main portion of a split insole from the flap so that lasting tacks may be clinched into the surface of said main portion and later be covered by the flap, to make a "tackless" forepart in the shoe. Group 35—59. Reg. No. 9,351.

Pat. 2,296,922. STRIP BRUSH. Patented Sept. 29, 1942. A strip brush having a metal channel back is made by fastening groups of bristles to the back by means of integral teeth along the edges thereof which are folded over the bristles before the strip of backing metal is folded into a channel. Group 39—22. Reg. No. 9,352.

Pat. 2,296,949. BRUSH STRUCTURE. Patented Sept. 29, 1942. The core of a channel-backed strip brush is made of rubber which holds the bristles yieldably in even spacing.

Pat. 2,046,062. WELT TEMPERING MACHINE. Patented June 30, 1936. Welting is drawn around, and rotates, a guide wheel which is geared to and drives a revolving brush the lower part of which is immersed in water and the upper part of which rubs the water into the welt. Reg. No. 9,311.

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Pat. 2,058,499. WELT SUPPORTING DEVICE. Patented Oct. 27, 1936. A portable device to be applied to a welt shoe to support the welt against sole attaching pressure. Pivoted plates formed to fit in the welt crease of the shoe carry sole positioning gages, one of which is yielding. Group 35—59. Reg. No. 9,342.

Pat. 2,068,025. FASTENING. Patented Jan. 19, 1937. Relates to a fiber fastening comprising a plurality of strands of paper twine, impregnated with glue, twisted together and secured in twisted relation by an additional coating of glue. Group 22—98. Reg. No. 9,343.

Pat. 2,071,400. LAST. Patented Feb. 23, 1937. An extensible last the heel part of which can be moved rearward by mechanism forming part of a special jack while the last is in a shoe. Means is provided for preserving the continuity of the side faces of the last when the heel part is moved away from the forepart. Group 35—59. Reg. No. 9,344.

Pat. 2,075,916. LAST. Patented Apr. 6, 1937. Relates to a collapsible last having a metal heel part and a wooden forepart to which a metal guard plate forming the joint with the heel part is fastened by the same bonding mechanism that holds the heel part and forepart together. Group 35—59. Reg. No. 9,345.

Pat. 2,085,148. HINGE LAST. Patented June 29, 1937. A hinge last the parts of which are separable and which is so organized that the heel part can be removed from a shoe on the last without disturbing the forepart. Group 35—59. Reg. No. 9,346.

Pat. 2,087,969. METHOD AND TOOL FOR ROLL-CLENCHING EYELETS. Patented July 27, 1937. Relates to a method and tool for upsetting ductile metal eyelets by roll-clenching the end of an eyelet against a work-piece and deforming its rim at one or more points to develop work-indenting projections on its work-engaging edge. Group 32—91. Reg. No. 9,347.

Pat. 2,093,436. LAST. Patented Sept. 21, 1937. A last for use in the machine of Patent No. 2,093,435. Air ducts extend from the thimble hole to various portions of the surface of the last, a valve admitting air to each duct in turn while closing the other ducts. Group 35—59. Reg. No. 9,348.

Pat. 2,094,118. LAST. Patented Sept. 28, 1937. A hinge last the parts of which are connected by an open, resilient, elliptical link having two oppositely facing lugs on its longer, inside, faces which lugs act as abutments to prevent undue stretch of the link and backward bending of the last under pressure. Group 35—59. Reg. No. 9,349.

Pat. 2,107,375. EYELET. Patented Feb. 8, 1938. Relates to a ductile metal eyelet the barrel of which has a blunt clenching end divided into alternate high and low segments by a series of arcuate indentations. When such an eyelet is roll-clenched the high segments are embedded in the eyelet receiving material more deeply than the low segments, increasing the holding power of the eyelet, and the form of the indentations prevents the clenching end of the eyelet from bursting or splitting. Group 35—59. Reg. No. 9,350.

Pat. 2,199,483. LAST. Patented May 7, 1940. Relates to a last having a clinching plate spaced from the bottom of its forepart, to separate the main portion of a split insole from the flap so that lasting tacks may be clinched into the surface of said main portion and later be covered by the flap, to make a "tackless" forepart in the shoe. Group 35—59. Reg. No. 9,351.

Pat. 2,296,922. STRIP BRUSH. Patented Sept. 29, 1942. A strip brush having a metal channel back is made by fastening groups of bristles to the back by means of integral teeth along the edges thereof which are folded over the bristles before the strip of backing metal is folded into a channel. Group 39—22. Reg. No. 9,352.

Pat. 2,296,949. BRUSH STRUCTURE. Patented Sept. 29, 1942. The core of a channel-backed strip brush is made of rubber which holds the bristles yieldably in even spacing.

To permit the bristles to breathe without being cut by the edges of the backing strip a resilient layer is interposed between the bristles and the strip. Group 39—22. Reg. No. 9,353.

Pat. 2,302,761. BRUSH STRIP. Patented Nov. 24, 1942. A self-sustaining backing strip has its margins inturned to grip against adjacent portions of the strip the inner ends of two rows of bristles. The strip is channel shaped and portions of the bristles extending outward from the channel are gripped between the opposed faces of the inturned margins and are capable of flexing across the rounded edges of the channel provided thereby. Group 39—22. Reg. No. 9,354.

MISCELLANEOUS (Group 35—59)

Pat. 2,296,942. METHOD OF PROVIDING FASTENING MATERIAL. Patented Sept. 29, 1942. The method comprises arranging a plurality of glue coated strands of fiber fastening material side by side in contact with each other, softening the glue to form the assembled strands into a flat ribbon, winding the ribbon into a coil, unwinding the ribbon as needed, and separating the strands for simultaneous use at different operating positions. Reg. No. 9,355.

Pat. 2,296,964. MACHINE FOR INSERTING BLOCKS IN HOLLOW ARTICLES. Patented Sept. 29, 1942. A machine having a hollow, expansible, frusto-conical guiding member through which a fluid operated plunger forces blocks, delivered from a stack into the path of movement of the plunger, into the mouths of hollow articles placed upon the guiding member. Reg. No. 9,356.

Correction

Pat. 2,431,847. MAP PROJECTION DEVICE. Patented Dec. 2, 1947. By means of this device a portion of the surface of a curved map may be projected in exact scale and proportion so that a navigation course, such as a great-circle course, may be determined or followed. The device is a transparent globe (upon which a map is reproduced) mounted for rotation within a box having an upper ground glass surface. A source of light adjacent one side of the globe is directed diametrically through the globe and projected by means of a magnifying lens to the ground glass which serves as a viewing screen for a sharp enlarged image of a selected small portion of the globe. (Owner) Van Dusen Engineering Company, 2706 Lytton St., San Diego 10, Calif. Group 39—13. Reg. No. 9,160.

TRADE-MARKS

OFFICIAL GAZETTE, MARCH 16, 1948

[VOL. 608. No. 3]

ACT OF 1905

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication. As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Marks published for opposition under the act of 1946 follow the 1905 publications.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 508,072. SERVICISED PRODUCTS CORPORATION, Chicago, Ill. Filed Aug. 26, 1946.

Para-Plastic

Registrant disclaims any attempt to cover in this registration the word "Plastic" apart from the mark.

FOR THERMOPLASTIC RUBBERIZED BITUMINOUS COMPOSITIONS IN BULK AND ALSO IN SHEETS, AND SLABS OR STRIPS FOR USE IN OTHER CONSTRUCTIONS.

Claims use since Mar. 5, 1941.

Ser. No. 512,237. C. I. D. E. C. COMPAÑIA INDUSTRIAL DEL CUERO S. A., Buenos Aires, Argentina. Filed Nov. 8, 1946.

CROMANTIL

FOR TANNED GOAT, SHEEP AND COW HIDES, OF THE ANTELOPE FINISH TYPE, WHICH IS A HIGH-LUSTRE SUEDE USED FOR MAKING HANDBAGS, WALLETS AND THE LIKE.

Claims use since December 1944.

Ser. No. 524,019. SAPT, INC., Dover, Del., and New York, N. Y. Filed June 11, 1947.



No claim is made to the cut-out portion of the burlap bag.

FOR COTTON, WOOL AND RAYON WASTE, FIBERS AND RAGS, COTTON LINTERS AND OTHER TEXTILE WASTE AND RAGS, FOR USE IN THE TEXTILE, PAPER AND CHEMICAL INDUSTRIES, AND FOR OTHER INDUSTRIAL PURPOSES.

Claims use since 1917.

Ser. No. 525,028. OREGON BULB FARMS, Sandy, Oreg. Filed June 27, 1947.

GOLDEN CHALICE HYBRIDS

The applicant hereby disclaims the words "Golden" and "Hybrids" apart from the mark as a whole.

FOR FLOWER BULBS.

Claims use since June 1, 1946.

Ser. No. 525,029. OREGON BULB FARMS, Sandy, Oreg. Filed June 27, 1947.

ORBULB

FOR FLOWER BULBS.

Claims use since June 1, 1946.

CLASS 2

RECEPTACLES

Ser. No. 489,323. FULTON BAG & COTTON MILLS, Atlanta, Ga. Filed Oct. 3, 1945.



FOR INSULATED BAGS USED AS TEMPORARY CONTAINERS FOR BOTTLED OR PACKAGED BEVERAGES AND FOODS.

Claims use since Mar. 31, 1936.

Ser. No. 495,150. JAMES B. OTIS, Long Beach, Calif. Filed Jan. 21, 1946.



Aside from the word "Whisk-A-Way" the representation of the sanitary garbage can liners is disclaimed.

FOR PREFORMED SANITARY GARBAGE CAN LINERS CONSTRUCTED FROM WATER-PROOF PAPER.

Claims use since Feb. 6, 1945.

Ser. No. 500,707. SHEARER-NEUMANN CO., Cincinnati, Ohio, assignor to Beau Brummell Ties, Inc., Toiletries Division, Cincinnati, Ohio. Filed Apr. 22, 1946.

"Beauswade"

FOR UNFILLED ART BOXES TO BE USED FOR PACKAGING TOILET ARTICLES.

Claims use since Mar. 18, 1946.

Ser. No. 511,036. PENN METAL CORPORATION OF PENNA., Philadelphia, Pa. Filed Oct. 17, 1946.

1869 Penco

FOR STEEL LOCKERS, STEEL CABINETS, TOOL CABINETS, STEEL COUNTERS, STEEL TABLES, AND SHELVING INSERTS, BEING FORMATIONS WITH NUMEROUS COMPARTMENTS FOR STORAGE OF SMALL ARTICLES.

Claims use since 1927.

Ser. No. 522,991. JOSEPH B. STIER, doing business as Styson Art Products Company, New York, N. Y. Filed May 24, 1947.

Jewelier

FOR TRAYS, COASTERS, BON-BON AND CANDY DISHES, SALT SHAKERS AND SALT-BOWLS, PLATES, BOWLS AND ORNAMENTAL BOXES, ALL OF SAID GOODS BEING MADE IN WHOLE OR IN PART OF PLASTIC MATERIAL.

Claims use since May 1, 1947.

Ser. No. 524,160. SPIR-IT, INC., Malden, Mass. Filed June 13, 1947.

ICINGLES

FOR EMPTY PLASTIC CUPS FOR HOLDING LIQUID OR SOLID FOOD.

Claims use since Feb. 3, 1947.

Ser. No. 524,886. THE NUSTONE SEPTIC TANK COMPANY, New Haven, Conn. Filed June 26, 1947.

"GARBINATOR"

FOR UNDERGROUND TANKS OR CANS MADE FROM METAL, CONCRETE AND COMBINATIONS THEREOF.

Claims use since June 12, 1947.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 526,270. F. O. MERZ & Co., Philadelphia, Pa. Filed July 4, 1947.

FOMERZ

FOR POCKETBOOKS, BILLFOLDS, WALLETS, PURSES, KEY CASES, LEATHER CARD CASES, PASS CASES, COIN CASES, PORTFOLIOS, LEATHER COMPACT CASES, TOILET CASES AND LEATHER CASES FOR CARRYING A MANICURE SET.

Claims use since June 1932.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 473,782. J. E. JOHNSON & Co., Chicago, Ill., assignor to J. E. Johnson & Co., Cleveland, Ohio, a corporation of Ohio. Filed Aug. 31, 1944.

WATAWAX

THE KIND YOU USE IN WATER

No claim is made to the words "The Kind You Use in Water" apart from the mark, but applicant waives none of its common-law rights. Applicant is the owner of registration No. 406,667.

FOR CLEANING AND POLISHING COMPOUND FOR USE ON WOODWORK, PAINTED WALLS, FLOORS, GLASS AND PORCELAIN.

Claims use since about Dec. 1, 1936.

Ser. No. 490,969. JAMES H. RHODES & COMPANY, Chicago, Ill. Filed Nov. 2, 1945.

COLOSSUS

FOR STEEL WOOL, PUMICE AND OTHER POLISHING STONES, AND CHEMICALLY TREATED POLISHING CLOTHS.

Claims use since 1905.

Ser. No. 516,001. BEST & CO. INC., New York, N. Y. Filed Jan. 20, 1947. Under section 5b of the act of 1905, as amended in 1920.

Best & Co.

FOR SOAP IN LIQUID, CAKE, STICK, CREAM, OR POWDER FORM.

Claims use since Apr. 2, 1925.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 472,047. HANS EMANUEL NEUMANN ENOCH, London, England. Filed July 10, 1944.

PENNOTIN

FOR ANTI-BACTERIAL PREPARATIONS.

Claims use since December 1943.

Ser. No. 488,827. MCLESTER MCKEE, doing business as W. & M. Products Co., Jersey City, N. J. Filed Sept. 21, 1945.

Lester's

FOR PREPARATION CONSISTING OF A SALVE OR OINTMENT FOR THE TREATMENT OF THE SCALP; ALSO FACE CREAMS, LIQUID BRILLIANTINES, FACE POWDERS, LIP STICKS, AND PERFUMES.

Claims use since Jan. 2, 1938.

Ser. No. 496,746. ALLEN B. WRISLEY COMPANY, Chicago, Ill. Filed Feb. 16, 1946.

GOLD TASSELS

FOR PERFUME.

Claims use since May 1942.

Ser. No. 498,851. MAL LABORATORIES, New York, N. Y. Filed Mar. 23, 1946.



FOR SCALP TREATMENT CONSISTING OF MEDICATED OINTMENT CONTAINING LANOLIN, SULPHUR, AND EUROSOL IN A CREAM FORM, LIQUID SHAMPOO CONTAINING COCOANUT OIL, ANTISEPTIC CONTAINING ISOPROPONAL AND SALICYLIC ACID AND AN AFTER CREAM CONTAINING LANOLIN IN A CREAM FORM, SAID ANTISEPTIC AND AFTER CREAM BEING USED FOR TREATING HUMAN SKIN.

Claims use since Jan. 14, 1945.

Ser. No. 502,810. EAGLE PRODUCTS CO., INC., Chattanooga, Tenn. Filed May 27, 1946.

FLIPO

FOR INSECTICIDES AND INSECT SPRAYS.
Claims use since May 6, 1946.

Ser. No. 504,101. ELK MANUFACTURING COMPANY, Jellico, Tenn. Filed June 18, 1946.

ELK



FOR GLYCERIN, LUMP ALUM, POWDERED ALUM, BLUESTONE, LUMP BORAX, POWDER BORAX, LIQUID CARBOLIC ACID, COPPERAS, QUININ SULPHATE, SULPHUR, SWEET SPIRITS OF NITER, TINCTURE OF IODIN, MURIATE TINCTURE IRON, ASPIRIN, CASTOR OIL, COMPOUND CATHARTIC PILLS, CALOMEL, EPSOM SALTS, LAXATIVE TABLETS FOR RELIEF OF LA GRIPPE AND COLDS, PAREGORIC, SWEET OIL, WORM-SYRUP, PETROLEUM JELLY, MOUTH WASH, AROMATIC SPIRITS AMMONIA, CHEST RUB, ALCOHOL RUBBING COMPOUND, MINERAL OIL FOR INTERNAL USE, COUGH SYRUP, RUBEFACIENT, PINK CAKE COLORING, OIL OF CASSIA, ANTI-PAIN LINIMENT.
Claims use since Sept. 1, 1919.

Ser. No. 504,930. BILLIE ROUNTREE, doing business as Rountree Laboratories, Fort Worth, Tex. Filed July 1, 1946.



The photograph and the signature are those of W. C. Rountree, M. D., deceased.
FOR MEDICAL COMPOUNDS PRODUCED IN THE FORM OF CRYSTALS, CAPSULES AND SALINE LIQUIDS, FOR THE TREATMENT OF PELLAGRA.
Claims use since Jan. 1, 1926.

Ser. No. 505,156. GEIGY COMPANY, INC., New York, N. Y. Filed July 6, 1946.

DDT Geigy DDT

Applicant disclaims sole use of the letters "DDT" apart from the mark.
FOR INSECTICIDES.
Claims use since Nov. 29, 1945.

Ser. No. 505,157. GEIGY COMPANY INC., New York, N. Y. Filed July 6, 1946.

Geigy DDT

Applicant disclaims sole use of the letters "DDT" apart from the mark.
FOR INSECTICIDES.
Claims use since Nov. 29, 1945.

Ser. No. 505,234. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio. Filed July 8, 1946.

Minute Man

FOR SHAMPOO.
Claims use since May 13, 1946.

Ser. No. 505,547. ASSOCIATED PRODUCTS, INC., Chicago, Ill. Filed July 13, 1946.

PAPAYA

FOR FACE LOTIONS, SKIN BLEACHES, VANISHING, CLEANSING AND COLD CREAMS, PADS CHEMICALLY IMPREGNATED WITH A CREAM OR LOTION FOR USE IN CLEANSING THE FACE, FACE POWDER, FACE MAKE-UP IN LIQUID FORM, CAKE MAKE-UP, LIPSTICKS, CAKE, LIQUID AND CREAM ROUGES, TALCUM POWDER, LIQUID NAIL POLISH REMOVER, PADS IMPREGNATED WITH NAIL POLISH REMOVER, CUTICLE SOFTENER, CUTICLE REMOVER, HAND LOTIONS, NAIL POLISHES, HAND CREAMS, HAIR WAX, PADS IMPREGNATED WITH LACQUER FOR USE IN DRESSING THE HAIR, HAIR TONICS, HAIR OIL, BRILLIANTINE (SOLID AND LIQUID), SHAMPOOS, HAIR WAVE LOTIONS, HAIR BLEACHES, POMADES (IN POTS, STICKS AND CAKES), EYEBROW PENCIL, MASCARA, EYE SHADOW, TOILET WATER, PERFUME, CREAM COLOGNE, EAU DE COLOGNE, BATH SALTS, SMELLING SALTS, SACHET POWDERS, DUSTING POWDER, DEODORANTS (LIQUID AND CREAM FORM), PADS IMPREGNATED WITH LIQUID AND CREAM DEODORANTS AND DEPILATORIES IN SOLID, CAKE AND LIQUID FORM.
Claims use since June 12, 1946.

Ser. No. 505,784. WELDUM PRODUCTS COMPANY, Madison, Ind. Filed July 17, 1946.

CARBONOID

FOR SOOT DESTROYING COMPOUND.
Claims use since Mar. 1, 1915.

Ser. No. 507,595. POLO & SALOMONE, New York, N. Y. Filed Aug. 17, 1946.

Insulabeten

FOR PREPARATION FOR THE TREATMENT OF DIABETES.
Claims use since May 23, 1946.

Ser. No. 507,706. ANSUL CHEMICAL COMPANY, Marinette, Wis. Filed Aug. 21, 1946.

THE MASTER OF FLAME

The word "Flame" is disclaimed apart from the mark shown on the drawing.
FOR COMMINUTED, FREE-FLOWING FIRE EXTINGUISHING DRY CHEMICAL.
Claims use since May 17, 1946.

Ser. No. 514,374. PARKE, DAVIS & COMPANY, Detroit, Mich. Filed Dec. 16, 1946.

THEOGLYTOL

FOR PREPARATION FOR THE TREATMENT OF CARDIO VASCULAR DISEASES.
Claims use since Oct. 31, 1946.

Ser. No. 516,582. SCHENLEY LABORATORIES, INC., New York, N. Y. Filed Jan. 29, 1947.

POULTRYCILLIN

FOR PENICILLIN FOR USE IN THE TREATMENT OF POULTRY.
Claims use since Oct. 21, 1946.

Ser. No. 518,171. PUREPAC CORPORATION, New York, N. Y., assignor to De Vore Manufacturing Co. Inc., New York, N. Y., a corporation of New York. Filed Feb. 26, 1947.

Gold Seal

FOR VITAMIN TABLETS, AMMONIATED MERCURY OINTMENT, ANALGESIC BALM, ATHLETIC LINIMENT, ASPIRIN TABLETS, COUGH SYRUP, BABY POWDER, ELIXIR OF BEEF AND IRON, BLUE OINTMENT, BORIC ACID, CALOMEL POWDER, CASCARA TABLETS, CASTORIA, LIQUID CORN REMOVER, NASAL DROPS, FOOT POWDER, GLYCERIN SUPPOSITORIES, LANOLIN, LARKSPUR AND SABADILLA COMPOUND, MILK OF MAGNESIA, MOUTH WASH, OIL OF CLOVES, PEROXIDE, RHINITIS TABLETS, RUBBING ALCOHOL, SODA MINT TABLETS, SULFATHIAZOLE OINTMENT, SULPHUR OINTMENT, THROAT GARGLE, IODINE, TOOTHACHE DROPS, TOOTHACHE GUM, WITCH HAZEL, ZINC OXIDE OINTMENT, ZINC STEARATE, ALUM POWDER, BICARBONATE OF SODA, SEIDLITZ POWDERS, BORAX, THROAT LOZENGES, SYRUP OF WHITE PINE, COPPER SULPHATE, CHAMOMILE, CREAM OF TARTAR, EPSOM SALTS, FLAXSEED, HENNA POWDER, NUX VOMICA, OXALIC ACID CRYSTALS, PERMANGANATE OF POTASH, ROCHELLE SALT, SALICYLIC ACID, SALTPETRE, SENNA LEAVES, SUGAR OF LEAD, TURMERIC, ACETONE, BAY LOTION, CALAMINE LOTION, CAMPHORATED OIL, CASTOR OIL, CHLOROFORM LINIMENT, GLYCERIN, GLYCERINATED ROSE WATER, METHYL SALICYLATE, OIL OF CITRONELLA, OIL OF EUCALYPTUS, PAREGORIC, RHUBARB AND SODA MIXTURE, AROMATIC SPIRITS OF AMMONIA, SPIRITS OF CAMPHOR, SPIRITS OF NITROUS ETHER, SPIRITS OF PEPPERMINT, TINCTURE OF GREEN SOAP, BRILLIANTINE AND HAIR OIL, FISH LIVER OIL CAPSULES, YEAST TABLETS, LAXATIVES, TOOTH POWDER, POTASSIUM PERMANGANATE, EXPECTORANTS, LILAC VEGETAL, BURROW'S SOLUTION, DOBBELL'S SOLUTION, CARMINATIVES, PSYLLIUM SEEDS, ANTISEPTICS, BORIC ACID OINTMENT, FERROUS SULFATE.
Claims use since Apr. 1, 1922.

Ser. No. 518,238. CROSBY W. MAGNUSSON, doing business as King Kelly Marmalade Co., and The Magnusson Company, Bellflower, Calif. Filed Feb. 27, 1947.

DENTA-FLUR

FOR PRESSED TABLETS MADE UP OF POWDERED BEEF BONE MEAL, WITH VITAMIN D, TO CORRECT DEFICIENCIES IN THE DIET.
Claims use since Feb. 4, 1947.

Ser. No. 519,118. MARION B. CARSON, doing business as Carson Chemicals, Brownsville, Tex. Filed Mar. 17, 1947.



The words "Tick Powder" are disclaimed apart from the mark as shown.
FOR TICK, FLEA, AND LICE POWDER.
Claims use since Dec. 17, 1946.

Ser. No. 520,483. R. T. VANDERBILT COMPANY, INC., New York, N. Y. Filed Apr. 10, 1947.

Vanlube

FOR STABILIZING AND RELEASING AGENT FOR VINYL RESINS.
Claims use since Mar. 24, 1947.

Ser. No. 521,341. LEHN & FINK PRODUCTS CORPORATION, Bloomfield, N. J. Filed Apr. 25, 1947.

SAVOIR FAIRE

FOR CLEANSING CREAM AND TOILET WATER.
Claims use since Mar. 12, 1947.

Ser. No. 522,667. FELLOWS MEDICAL MANUFACTURING COMPANY, INC., New York, N. Y. Filed May 19, 1947.

ARBEC

FOR PREPARATION FOR THE SYMPTOMATIC TREATMENT OF ASTHMA.
Claims use since May 8, 1947.

CLASS 8

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS

Ser. No. 520,555. PHILIP J. DESJARDINS, doing business as P. Desjardins & Son, Fall River, Mass. Filed Apr. 12, 1947.

JET

FOR SMOKING PIPES.
Claims use since June 1, 1946.

CLASS 11

INKS AND INKING MATERIALS

Ser. No. 493,776. INTERNATIONAL BUSINESS MACHINES CORPORATION, New York, N. Y. Filed Dec. 22, 1945.



FOR TYPEWRITER RIBBONS AND CARBON PAPER.
Claims use since prior to Mar. 29, 1943, on typewriter ribbons, and since Oct. 27, 1944, on carbon paper.

CLASS 12

CONSTRUCTION MATERIALS

Ser. No. 509,223. LATISTEEL, INC., Pasadena, Calif. Filed Sept. 17, 1946.

LATISLAB

FOR PREFABRICATED CONSTRUCTION ELEMENT CONSISTING OF A FABRICATED UNIT OF STEEL OR OTHER STRUCTURAL MATERIALS AND INCLUDING AN EXPANDED WEB OR FABRICATION OF STEEL OR THE LIKE AND USED IN THE CONSTRUCTION OF BUILDINGS OR OTHER STRUCTURES.
Claims use since May 2, 1946.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 496,489. TUBE TURNS, Louisville, Ky. Filed Feb. 12, 1946.

TUBE-TURN

Applicant is the owner of Reg. No. 279,239. No claim is made to the word "Tube" apart from the mark.
FOR METAL PIPE FITTINGS—NAMELY, T'S, REDUCERS, CAPS, LATERALS, FLANGES, CROSSES, SADDLES, SLEEVES, NIPPLES, AND LAP JOINT STUB ENDS.
Claims use since July 1938, on T's, reducers, caps, laterals, crosses, saddles, sleeves, nipples, and lap joint stub ends, and since July 1943, on flanges.

Ser. No. 501,584. THE NYLOK CORPORATION, New York, N. Y. Filed May 7, 1946.

NYLOK

FOR LOCK NUTS.
Claims use since Mar. 18, 1946.

Ser. No. 504,109. HARRY JOLKOWER, doing business as American Pipe and Tank Lining Co., New York, N. Y. Filed June 18, 1946.

AMPLICO

FOR CEMENT LINED IRON AND STEEL PIPES.
Claims use since Apr. 15, 1946.

Ser. No. 505,562. DETROIT LUBRICATOR COMPANY, Detroit, Mich. Filed July 13, 1946.



"DETROIT"

Applicant disclaims the word "Detroit" except as it forms a part of the mark as shown.
FOR FLOAT OPERATED VALVES.
Claims use since June 1946.

Ser. No. 506,159. CRESCENT STEEL COMPANY, Detroit, Mich. Filed July 24, 1946.

HOsnap

The word "Snap" and the representation of a piece of hose are disclaimed.
FOR AUTOMATIC HOSE COUPLING.
Claims use since Oct. 12, 1945.

Ser. No. 507,067. NAAMLOOZE VERMOOTSCHAP DICTATOR DEURSLUITER MAATSCHAPPIJ, Bussum, Kingdom of the Netherlands. Filed Aug. 8, 1946.

DICTATOR

FOR DOOR-CLOSERS.
Claims use since Oct. 21, 1933.

Ser. No. 511,659. A & A SALES CO., Glendale, Calif. Filed Oct. 29, 1946.

GARDENER'S THUMB

The word "Gardener's" is disclaimed.
FOR HOSE NOZZLES.
Claims use since Sept. 18, 1946.

Ser. No. 515,550. GENERAL CONSUMER PRODUCTS, INC., Chicago, Ill. Filed Jan. 10, 1947.

Heritage

FOR ALUMINUM COOKING UTENSILS—NAMELY, ALUMINUM DUTCH OVENS, SAUCE PANS, ROASTERS AND FRYING PANS.
Claims use since September 1946.

Ser. No. 515,999. BEST & CO. INC., New York, N. Y. Filed Jan. 20, 1947. Under 10-year proviso.

Best & Co.

FOR IRON, PORCELAIN OR ENAMELED BATH TUBS.
Claims use since 1882.

Ser. No. 525,384. OAKES & COMPANY, Chicago, Ill. Filed July 1, 1947.



FOR PRESSURE CANNERS, MILK STRAINERS, BARBED WIRE, BATH TUBS, CASTERS, ANTI-SKID CHAINS, PRESSURE COOKERS, HINGES, DOOR CHECKS, FUNNELS, METAL GATES, STEEL BELT LACING, NAILS, SPRAY NOZZLES FOR LAWN SPRINKLERS, NUTS, BOLTS, SCREEN WIRE CLOTH, TOILET SEATS, WATER BASINS, METAL WASHERS, WATER CLOSETS, WIRE FENCING, SASH LIFTS, WARE OF BASE METAL—NAMELY, BREAD PANS, MUFFIN PANS, COOKIE TRAYS, AND ENAMELED WARE—NAMELY, PITCHERS, DISHPANS, SAUCEPANS, TEA KETTLES, AND PUDDING PANS.
Claims use since May 22, 1947.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 493,951. THE DURALOY COMPANY, Scottdale, Pa. Filed Dec. 28, 1945.



The four quadrants containing the cross-hatching do not denote color, but instead are included as a part of the design. Applicant disclaims the words "Permanence, Resistance and Durability."
FOR METAL ALLOYS, AND PARTICULARLY FOR CHROMIUM IRON ALLOYS IN THE FORM OF CASTINGS, BARS, PLATES, SHEETS AND THE LIKE.
Claims use since July 7, 1922.

Ser. No. 511,882. LA SALLE STEEL COMPANY, Hammond, Ind. Filed Nov. 1, 1946.

LA-SULPHITE

The word "Sulphite" is disclaimed apart from the prefix "La."
FOR COLD FINISHED ALLOY STEEL BARS.
Claims use since June 25, 1946.

CLASS 15

OILS AND GREASES

Ser. No. 504,494. J. JONES & BROTHER, Philadelphia, Pa. Filed June 24, 1946. Under 10-year proviso.

Balkan

FOR MOTOR LUBRICATING OIL AND GREASES.
Claims use since Jan. 1, 1873.

Ser. No. 519,244. WELDWAX CORPORATION, New Paltz, N. Y. Filed Mar. 18, 1947.

Candelier

Applicant disclaims the representation of a candle.
FOR WAX CANDLES.
Claims use since Aug. 16, 1946.

Ser. No. 524,543. THE "M. C. D. C." OIL PRODUCTS COMPANY, INC., New York, N. Y. Filed June 20, 1947.



The words "Scientifically Controlled," "Lubricants" and "Processes" are disclaimed apart from the mark.
FOR LUBRICATING OILS FOR INTERNAL COMBUSTION ENGINES AND AUTOMOTIVE LUBRICATING GREASES.
Claims use since June 1, 1937.

CLASS 17

TOBACCO PRODUCTS

Ser. No. 514,262. FLEMING-HALL TOBACCO CO., INC., New York, N. Y. Filed Dec. 14, 1946.

SKIS

FOR CIGARETTES.
Claims use since Dec. 10, 1946.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 494,134. SAMUEL M. SIEGEL, doing business as Gadgets, Jackson Heights, N. Y. Filed Dec. 29, 1945.

HANDIE-WALKIE

No claim is made to the exclusive use of the word "Handie" apart from the mark.
FOR RADIO RECEIVING SETS.
Claims use since December 1944.

Ser. No. 495,645. WILLIAM G. H. FINCH, New York, N. Y. Filed Jan. 29, 1946.

ROCKET

FOR RADIO ANTENNAE.
Claims use since Jan. 22, 1946.

Ser. No. 498,071. NATIONAL CARBON COMPANY, INC., New York, N. Y. Filed Mar. 12, 1946.



Applicant disclaims the word "Carbon" apart from the mark as shown.
FOR ELECTRODES FOR USE IN ELECTROTHERMIC APPARATUS, NIPPLES, PLASTIC JOINT COMPOUND AND CEMENT FOR JOINING SUCH ELECTRODES, AND CARBONACEOUS CEMENT AND CARBONACEOUS PASTE FOR USE IN ELECTROTHERMIC AND ELECTROLYTIC APPARATUS.
Claims use since about Mar. 5, 1945, on electrodes for use in electrothermic apparatus; since about Mar. 14, 1945, on plastic joint compound for such electrodes; since about Mar. 17, 1945, on cement for joining such electrodes; since about July 26, 1945, on nipples for joining such electrodes; since about Mar. 17, 1945, on carbonaceous cement for use in electrothermic and electrolytic apparatus, and since about Jan. 7, 1946, on carbonaceous paste for use in electrothermic and electrolytic apparatus.

Ser. No. 501,113. THE BUTLER COMPANY, Butler, Ind. Filed Apr. 29, 1946.



The word "Butler" is disclaimed apart from the mark.
FOR MOTOR DRIVEN UNITS FOR OPERATING WATER PUMPS.
Claims use since April 1938.

Ser. No. 501,114. THE BUTLER COMPANY, Butler, Ind. Filed Apr. 29, 1946.



The word "Butler" is disclaimed apart from the mark.
FOR MOTOR DRIVEN UNITS FOR OPERATING WATER PUMPS.
Claims use since March 1939.

Ser. No. 503,869. COMMUNICATIONS COMPANY, INC., Coral Gables, Fla. Filed June 14, 1946.

COMCO

FOR RADIO APPARATUS—NAMELY, SPEAKER AMPLIFIERS, DUAL SPEAKER PANELS, SINGLE SPEAKER PANELS, MOTORCYCLE TRANSMITTERS AND RECEIVERS, TRANSMITTERS, SPEAKER CONTROLS, TAXI SPEAKERS, AUTOMOBILE TRANSMITTERS AND RECEIVERS, ALL FREQUENCY TRANSMITTERS, AIRCRAFT TRANSMITTERS AND RECEIVERS, MARINE TRANSMITTERS AND INTERPHONES, LOCAL AND REMOTE CONTROL TRANSMITTERS, DISPATCH CONSOLES, MEANING REMOTE CONTROL UNITS CONTAINING LOUD SPEAKERS, MICROPHONES AND AMPLIFIERS, WALL SPEAKERS, AND PARTS THEREOF.

Claims use since September 1944.

Ser. No. 504,758. FULLER-GREENE, INC., Milwaukee, Wis. Filed June 28, 1946.

NOVELAIRE RADIOS

The word "Radios" is disclaimed apart from the mark as shown. The representations of human figures illustrated as a part of the mark are fanciful.

FOR RADIO RECEIVING SETS.

Claims use since May 18, 1946.

Ser. No. 507,646. DAVID MADER, Neuchatel, Switzerland. Filed Aug. 19, 1946.

SoniDeal

FOR RADIO RECEIVING SETS, ELECTRIC PHONOGRAPHS, ELECTRIC AUTOMATIC DISC RECORD CHANGERS, AND PARTS OF ANY OF THE FOREGOING.

Claims use since Apr. 6, 1945.

Ser. No. 507,670. BROOK ELECTRONICS, INC., Newark, N. J. Filed Aug. 20, 1946.

BROOK

FOR RADIO RECEIVERS AND AMPLIFIERS.

Claims use since July 1, 1946.

Ser. No. 513,064. MAGNECON, Chicago, Ill. Filed Nov. 22, 1946.

MAGNECON

FOR ELECTRICAL APPARATUS—NAMELY, RELAYS, SOLENOID OPERATED CONTACTORS, AND WOUND COILS.

Claims use since March 1945.

Ser. No. 516,253. THE BRUSH DEVELOPMENT COMPANY, Cleveland, Ohio. Filed Jan. 24, 1947.

ACOUSTICEL

FOR MICROPHONES.

Claims use since Oct. 31, 1946.

Ser. No. 516,357. GROSS COMMUNICATIONS, INC., Cleveland, Ohio, assignor, by mesne assignments, to I. A. Gross Electronics Inc., Cleveland, Ohio, a corporation of Ohio. Filed Jan. 25, 1947.

ULTRAPHONE

FOR RADIO TRANSMITTING AND RECEIVING EQUIPMENT—NAMELY, COMPLETE RADIO RECEIVERS, TRANSMITTERS AND PARTS THEREOF AND ANTENNAS.

Claims use since June 20, 1946.

Ser. No. 516,488. THE LLOYD PRODUCTS COMPANY, Providence, R. I. Filed Jan. 28, 1947.

L P

FOR HOLDERS FOR FLUORESCENT LAMPS, FLUORESCENT LAMP STARTERS AND FIXTURES FOR FLUORESCENT LAMPS.

Claims use since Nov. 8, 1946.

Ser. No. 524,126. GLAZIERS' TOOL MFG. CORP., Chicago, Ill. Filed June 13, 1947.

TROJAN

FOR ELECTRICALLY HEATED TOOL IN THE NATURE OF A FRAME CONTAINING A HEATING EDGE FOR SOFTENING PUTTY IN WINDOWS AND DOORS PRIOR TO REMOVAL.

Claims use since June 1939.

Ser. No. 524,278. AIRTRON, INC., Pleasant Plains, Staten Island, N. Y. Filed June 17, 1947.

FLEXAGUIDE

FOR FLEXIBLE WAVEGUIDE USED IN MICROWAVE PLUMBING SYSTEMS TO CHANNEL ELECTRICAL ENERGY FROM ONE POINT TO ANOTHER.

Claims use since May 29, 1947.

Ser. No. 524,838. UNION CARBIDE AND CARBON CORPORATION, New York, N. Y. Filed June 25, 1947.

HALOWAX

FOR ELECTRICAL INSULATING AND FIRE-RESISTING SATURANTS, IMPREGNANTS, AND SEALING COMPOUNDS FOR ELECTRICAL CONDENSERS AND COILS; ELECTRICAL INSULATING AND FIRE-RESISTING SATURANTS AND IMPREGNANTS FOR ELECTRIC WIRE INSULATION.

Claims use since about 1913 in respect of electrical insulating and fire-resisting saturants, impregnants, and sealing compounds for electrical condensers and coils and since about 1919 in respect of electrical insulating and fire-resisting saturants and impregnants for electric wire insulation.

Ser. No. 524,991. INDUCTION HEATING CORP., New York, N. Y. Filed June 27, 1947.

THER-MONIC

FOR HIGH FREQUENCY INDUCTION HEATING APPARATUS AND PARTS THEREOF AND HIGH FREQUENCY DIELECTRIC HEATING APPARATUS AND PARTS THEREOF—NAMELY, HIGH FREQUENCY GENERATORS, ELECTRICALLY DRIVEN COOLING SYSTEMS, INDUCTORS, ELECTRODES AND MECHANISMS FOR SUPPORTING AND CONVEYING ARTICLES TO BE HEATED BY HIGH FREQUENCY FIELDS.

Claims use since Apr. 1, 1946.

Ser. No. 525,388. OAKES & COMPANY, Chicago, Ill. Filed July 1, 1947.

FARMITT

FOR ELECTRICAL APPARATUS—NAMELY, ELECTRIC FENCE CONTROLS, WELDERS, WATER HEATERS, AERIALS, AUTOMOBILE HORNS, DRY AND STORAGE BATTERY CELLS, BATTERY CONNECTORS, BATTERY CABLES, DRY AND STORAGE BATTERIES, FLASHLIGHT CASES, HAND DRILLS, SOLDERING IRONS, WAFFLE IRONS, LAMPS, FOOD AND BEVERAGE MIXERS, MOTORS, PERCOLATORS, HOT PLATES, FLASH LIGHTS, RANGES, VACUUM CLEANERS, FRICTION TAPE, RUBBER TAPE, SPARK PLUGS, INSULATED WIRE, FLOOR AND WALL RECEPTACLES, AND RADIO RECEIVING SETS.

Claims use since May 22, 1947.

Ser. No. 526,327. LOUIS E. MCGLAUGHLIN, doing business as Chicago Combustion Company, New York, N. Y. Filed June 19, 1947.

Broilburger

FOR ELECTRICALLY OPERATED MACHINES FOR TURNING AND BROILING EDIBLE PRODUCTS.

Claims use since July 1, 1940.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 470,594. AKTIEBOLAGET MALCUS HOLMQUIST, Halmstad, Sweden. Filed May 25, 1944.

MALCUS

FOR TRAVELLING CRANES AND SLEWING CRANES OF ALL KINDS FOR HAND, ELECTRIC AND PNEUMATIC POWER; WORM GEARED PULLEY BLOCKS; TRIPLEX PULLEY BLOCKS; TRAVELLING CRABS; TRAVELLING PLATFORMS FOR REMOVING RAILWAY CARS AND LOCOMOTIVES FROM ONE TRACK TO A PARALLEL TRACK; PNEUMATIC LIFTING CYLINDERS; ELECTRIC LIFTING BEAMS FOR LOCOMOTIVES; CEILING CONVEYORS AND LIFTING JACKS OF ALL KINDS; METAL FOUNDING MACHINES AND PARTS THEREOF; LADLES; MACHINES FOR DRESSING OF MOULDING SAND; MOULDING MACHINES; CASTING CLEANING MACHINES; TWIST DRILLS; TAPS; REAMERS; MILLING TOOLS; SLOT CUTTERS; TURNING TOOLS; CHUCKS; JAW CHUCKS; TOOL HOLDERS AND GRINDING SPINDLES; METAL GRINDING MACHINES OF ALL KINDS AND PARTS THEREOF; CENTERLESS GRINDING MACHINES; SURFACE GRINDING MACHINES AND PARTS THEREOF FOR DRY AND WET GRINDING; DRILL GRINDING MACHINES; BURNISHING WHEELS OF FELT; PUMPS; VISES; CRAMPS; OIL FILTERS FOR ACCESSORIAL USE ON MACHINES AND ENGINES; AND CENTRIFUGES FOR COTTON-WASTE.

Claims use since 1889.

Ser. No. 471,396. GENERAL CUTLERY CO., INC., New York, N. Y. Filed June 19, 1944.

GENERAL CUTLERY Co.

The words "Cutlery Co." are disclaimed apart from the mark shown on the drawing.

FOR HOUSEHOLD, KITCHEN, AND INDUSTRIAL CUTLERY, AND TABLEWARE—NAMELY, POCKET KNIVES, BUTCHER KNIVES, CARVING KNIVES, KITCHEN KNIVES, PARING KNIVES, BREAD KNIVES, FRUIT KNIVES, HUNTING KNIVES, PUTTY KNIVES, SHARPENING STEELS, FLATWARE CONSISTING OF KNIVES, FORKS, AND SPOONS, SPATULAS, CARVING SETS CONSISTING OF KNIVES, FORKS, AND SHARPENING SPEARS, SCISSORS, POT FORKS, KITCHEN FORKS, CAKE FORKS, PASTRY FORKS, BASTING SPOONS, SERVING SPOONS, PAINT SCRAPERS, AND POULTRY SHEARS, ALL OF NON-PRECIOUS METAL.

Claims use since January 1940.

Ser. No. 502,298. INDUSTRIAL HYDRAULICS CORPORATION, Painesville, Ohio. Filed May 17, 1946.

INDUSTRIAL HYDRAULICS

In the mark the words "Industrial Hydraulics" are disclaimed.

FOR HYDRAULIC PUMPS, VALVES, AND HYDRAULIC OPERATED MECHANISMS AND FITTINGS, ADAPTED AS ACCESSORIES FOR SOME COMPREHENSIVE MACHINES SUCH AS TRACTOR HOISTS, HYDRAULICALLY OPERATED LIFTING AND PULLING JACKS, TRACTOR DRAWN OR CARRIED IMPLEMENT OPERATING MACHINERY SUCH AS AGRICULTURAL IMPLEMENT LIFTS, ETC. AND THE LIKE.

Claims use since Sept. 1, 1945.

Ser. No. 505,131. CLARK C. RANDALL, doing business as Pre-Vent Engineering Company, Oak Park, Ill., assignor to Pre-Vent Corporation, Chicago, Ill., a corporation of Illinois. Filed July 5, 1946.

"PRE-VENT"

Applicant disclaims the term "Vent" apart from the mark as shown.

FOR CRANK CASE SCAVENGERS FOR INTERNAL COMBUSTION ENGINES.

Claims use since Oct. 22, 1945.

Ser. No. 506,016. DELAVAN MANUFACTURING COMPANY, Des Moines, Iowa. Filed July 22, 1946.

Pumpall

The word "Pump" is disclaimed apart from the mark.

FOR VACUUM POWER PUMPS.

Claims use since July 8, 1946.

Ser. No. 506,342. RED DEVIL TOOLS, Irvington, N. J. Filed July 26, 1946.

GOLD

FOR RESILIENT HAND-ABRADING TOOLS OF VARIOUS SHAPES AND SIZES DISTINGUISHED BY INTERMINGLED METALLIC ELEMENTS AS THE FUNCTIONING PART THEREOF FOR WORKING ON METALLIC SURFACES AND THE LIKE.

Claims use since June 1939.

Ser. No. 509,305. STEPHEN H. ROLLER, New York, N. Y. Filed Sept. 18, 1946.



No claim is made to the word "Sense" and the representation of the scythe or sickle blade depicted in the mark.

FOR SCYTHES AND SICKLES.

Claims use since 1939.

Ser. No. 510,142. WURZBURG BROTHERS, Memphis, Tenn. Filed Oct. 2, 1946.

WURCO

FOR BALE TIE TWISTERS, TAG DISPENSERS, BALING PRESSES, BARREL CRADLES, BARREL GRABS, BARREL SLINGS, BOX OPENERS, BOX SCRAPERS, BOX SEALERS, TYING MACHINES, TAPE MACHINES—LARGE SIZE, PAPER CUTTERS, PAPER SHREDDERS, CARTON CUTTERS, CARTON SEALING MACHINES, LABELLING MACHINES, CARBOY TILTERS, DRUM ROCKERS, TACKERS, SNUB LIFTS, MOP WRINGERS, NAIL PULLERS, PACKING NEEDLES, PRY POLES, SILICATE PUMPS, STRAPPING REELS USED AS A TOOL, STAPLING MACHINES, STITCHING MACHINES, STRAPPING TOOLS, CONVEYORS, HATCHETS, HAMMERS, CROWBARS, CRANES, LIFT TRUCKS, LIFT JACKS AND STACKERS, AND DRUM ROCKERS WITH WHEELS.

Claims use since Jan. 18, 1946.

Ser. No. 510,222. G. H. WOOD & COMPANY, LIMITED, Toronto, Ontario, Canada. Filed Oct. 3, 1946.

WOODLETS

FOR A SMALL SUBSTANTIALLY CYLINDRICAL ATOMIZING OR SPRAYING DEVICE HAVING AN OPENING THEREIN TO RECEIVE A CARTRIDGE CONTAINING A LIQUID UNDER PRESSURE, SAID ATOMIZER BEING PROVIDED WITH A PIERCING DEVICE AND A HANDLE OR LEVER FOR ACTUATING SAME TO RELEASE THE FLUID IN THE CARTRIDGE AND PERMIT IT TO BE SPRAYED THROUGH AN APERTURE IN THE SPRAYING DEVICE PROVIDED FOR THAT PURPOSE.

Claims use since Dec. 17, 1945.

Ser. No. 510,718. THE OILGEAR COMPANY, Milwaukee, Wis. Filed Oct. 11, 1946.

CYCLEMATIC

FOR VERTICAL BROACHING MACHINES.

Claims use since Sept. 17, 1946.

Ser. No. 514,952. THE GENERAL DETROIT CORP., Detroit, Mich. Filed Dec. 28, 1946.

GENERAL QUICKAID FIRE GUARD

The words "Quick," "Aid" and "Fire" are disclaimed apart from the mark.

FOR FIRE EXTINGUISHERS AND PARTS THEREOF, PARTICULARLY OF THE VAPORIZING LIQUID; WET CHEMICAL OR SODA-ACID; FOAM; WATER PUMP AND NON-FREEZE TYPES.

Claims use since Dec. 2, 1946.

Ser. No. 515,344. THE TORONTO STAR LIMITED, Toronto, Ontario, Canada. Filed Jan. 6, 1947.

WALLASTAR

FOR PAPER AND WIRE BOUND BUNDLING MACHINES.

Claims use since July 1, 1946.

Ser. No. 516,288. B. JADOW, INC., New York, N. Y. Filed Jan. 24, 1947.

Vigor

FOR JEWELERS' AND WATCHMAKER'S TWEEZERS, PLIERS, SCREWDRIVERS, SAWS AND HAND CONSTRUCTING AND DISASSEMBLING TOOLS AND INSTRUMENTS—NAMELY, FRICTION PRESSING TOOLS, GLASS CUTTING TOOL, GRAVERS FOR WATCHMAKERS AND JEWELLERS, HAIR SPRINGS COLLET REMOVING TOOL, JEWEL SETTING TOOL, PIVOTING TOOL, POISING TOOL, WINDING TOOL FOR MOVEMENT AND FOR WATCHES AND WATCH PARTS.

Claims use since March 1928.

Ser. No. 521,254. GREEN CONTRACTING AND ENGINEERING COMPANY, INC., Wichita, Kans. Filed Apr. 24, 1947.

PRESSURE-PLASTIC

The word "Pressure" is disclaimed apart from the mark as shown.

FOR COATING APPLICATORS COMPRISING SPRAYERS AND SPRAY GUNS.

Claims use since Apr. 1, 1946.

Ser. No. 525,702. ST. REGIS PAPER COMPANY, New York, N. Y. Filed July 2, 1947.

SR

FOR MACHINERY AND PARTS THEREOF—NAMELY, MACHINERY FOR MANUFACTURING PAPER BAGS, MACHINES FOR FILLING VALVE BAGS AND MACHINES FOR FILLING AND CLOSING OPEN MOUTH BAGS.

Claims use since June 24, 1947.

CLASS 24

LAUNDRY APPLIANCES AND MACHINES

Ser. No. 517,916. CLARENCE F. MCCAULEY, Pacific Grove, Calif. Filed Feb. 21, 1947.

CFM

The mark comprises the letters "CFM."

FOR GARMENT STRETCHER FOR LAUNDRY OR DRY-CLEANING USE.

Claims use since Aug. 22, 1946.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 497,417. ROBERT L. SALOSCHIN, Inwood, N. Y. Filed Feb. 28, 1946.

MAPIGATOR

FOR NAVIGATOR APPARATUSES USED FOR COMPUTING DISTANCES BETWEEN POINTS REPRESENTED ON CHARTS USED FOR FLYING; COMPUTING TRUE OR MAGNETIC DIRECTIONS, COURSES, AND BEARINGS IN DEGREES BETWEEN OR FROM POINTS; ANY OF THE FOLLOWING VALUES OR QUANTITIES, WHEN THE REMAINING VALUES OR QUANTITIES TO THE EXTENT MATHEMATICALLY REQUIRED ARE KNOWN OR ASSUMED: TRACK, INTENDED TRACK, COURSE, HEADING, WIND DIRECTION, DIRECTION OF RELATIVE MOTION (THE FOREGOING EXPRESSED AS EITHER TRUE OR MAGNETIC OR BY ANY OTHER CONSTANT DIRECTIONAL REFERENCE), GROUND SPEED, TRUE AIR SPEED, WIND FORCE, SPEEDS OF RELATIVE MOTION (THE FOREGOING EXPRESSED IN KNOTS, MILES PER HOUR, OR ANY OTHER UNIT OF SPEED), DRIFT, DRIFT CORRECTION ANGLE, OR ANY ANGULAR VALUE OF ANY VECTOR TRIANGLE; TIME SPEED, OR DISTANCE, WHEN TWO OF THESE THREE ARE KNOWN; TIME, RATE OF FUEL CONSUMPTION, OR QUANTITY OF FUEL, WHEN TWO OF THESE THREE ARE KNOWN; CONVERSIONS AMONG METRIC, IMPERIAL AND U. S. FLUID MEASURES; WEIGHTS OR GIVEN VOLUMES OF GASOLINE AND OIL; CONVERSIONS OF NAUTICAL MILES, STATUTE MILES, AND KILOMETERS; COMMON MULTIPLICATION, DIVISION, AND PROPORTION (RATIO); TRUE AIR SPEED AND TRUE ALTITUDE, WHEN VALUES MATHEMATICALLY AND PHYSICALLY REQUIRED TO COMPUTE THEM ARE KNOWN OR ASSUMED; AND FOR RECORDING PLACE NAMES (DEPARTURES, DESTINATIONS, AND INTERMEDIATE CHECK POINTS USED AS LANDMARKS IN FLIGHT); ESTIMATED AND ACTUAL TIMES OF ARRIVAL AND DEPARTURE AT OR OVER PLACES, OR ALONGSIDE (ABEAM) SAME; THE MILEAGES AND TIME INTERVALS TO COVER ROUTES OR PARTS OF ROUTES BETWEEN PLACES; ALTITUDES CONSIDERED AND SELECTED FOR FLIGHTS; MAGNETIC VARIATION OF FLIGHT AREA, FUEL RANGE AND RESERVE FACTORS, TIME OF STARTING ENGINES, OF TAKING-OFF, AND OF SUNSET, WEATHER INFORMATION IMPORTANT TO PILOTS, INCLUDING WINDS AND TEMPERATURES AT VARIOUS ALTITUDES, ICING, ALTIMETER SETTING, CEILING, ETC., ALL INFORMATION WHICH APPARATUS CAN COMPUTE, AND ALL INFORMATION USED IN MAKING SUCH COMPUTATIONS; ANY OTHER INFORMATION, BY WORD, DIGIT, SYMBOL, OR DIAGRAM WHICH THE USER MAY RECORD, SO FAR AS CONSISTENT WITH AVAILABLE SPACE.

Claims use since Jan. 23, 1946.

Ser. No. 505,901. THE M B MANUFACTURING COMPANY INCORPORATED, New Haven, Conn. Filed July 19, 1946.



FOR ELECTRICAL VIBRATION EXCITERS, CALIBRATORS AND PICKUPS, ALL FOR USE IN DETERMINING RESONANCES IN MACHINERY EXCITED BY VIBRATION FORCES DURING OPERATION.

Claims use since Dec. 10, 1945 on electrical vibration pickups, and since May 15, 1946, on electrical vibration exciters and calibrators.

Ser. No. 512,089. PRICE INDUSTRIES CORPORATION, New York, N. Y. Filed Nov. 5, 1946.

PRICE MONOTANK

FOR PORTABLE PHOTOGRAPHIC DEVELOPING TANKS.

Claims use since Oct. 7, 1946.

Ser. No. 514,422. J-B-T INSTRUMENTS, INC., New Haven, Conn. Filed Dec. 17, 1946.

J-B-T

The representation of a meter needle is disclaimed for use in connection with meters apart from the mark.

FOR A. C. VOLTMETERS, A. C. MILLIAMMETERS; A. C. AMMETERS; VOLT-OHMMETERS; TEMPERATURE TEST EQUIPMENT — NAMELY, AIRCRAFT THERMOMETER TESTERS, TESTERS FOR TESTING THE HOT AND COLD ZONES OF STOVES, REFRIGERATORS, DEEP FREEZE UNITS AND THE LIKE AND FOR TESTING THE ELECTRICAL CHARACTERISTICS OF MOTOR COMPRESSORS AND OPERATING MECHANISMS; TESTERS FOR TESTING THE TEMPERATURE OF WORK BEING HANDLED IN INFRARED DRYING OVENS; PYROMETERS; FREQUENCY METERS; ELECTRICAL TEST EQUIPMENT—NAMELY, TESTERS FOR TESTING LAMPS, STARTERS AND BALLAST IN FIXTURES TO ASCERTAIN THEIR OPERABILITY AND ELECTRICAL CHARACTERISTICS; TESTERS TO DETERMINE ELECTRICAL FREQUENCIES WITH VACUUM TUBE CIRCUITS; THERMOCOUPLES; ELAPSED TIME METERS; GALVANOMETERS; TACHOMETERS; AND RESISTANCE THERMOMETERS.

Claims use since November 1939.

Ser. No. 516,097. THE SILEX COMPANY, Hartford, Conn. Filed Jan. 21, 1947.

DIPPEX

FOR MEASURING CUPS AND MEASURING SPOONS.

Claims use since Sept. 16, 1940.

Ser. No. 517,582. THE G. B. MONTGOMERY MANUFACTURING COMPANY, GLASGOW, LIMITED, Glasgow, Scotland. Filed Feb. 15, 1947.



FOR CAMERAS, PHOTOGRAPHIC ENLARGERS, PHOTOGRAPHIC LENSES AND MOUNTS, AND COPYING ATTACHMENTS FOR MINIATURE CAMERAS.

Claims use since Oct. 4, 1945.

Ser. No. 519,222. ROCHESTER MANUFACTURING CO., INC., Rochester, N. Y. Filed Mar. 18, 1947.



FOR INDICATING GAUGES — NAMELY, LIQUID LEVEL, PRESSURE, AND VACUUM GAUGES AND DIAL TYPE THERMOMETERS.

Claims use since Jan. 28, 1920.

Ser. No. 521,236. AUTOMATIC ELECTRIC HEATER CO., INC., Pottstown, Pa., assignor to Automatic Electric Heater Company, a corporation of Pennsylvania. Filed Apr. 24, 1947.

Sepco

FOR PRESSURE SENSITIVE ELECTRICAL CONTROL SWITCHES AND TEMPERATURE SENSITIVE ELECTRICAL CONTROL SWITCHES.

Claims use since Apr. 21, 1919.

CLASS 27

HOROLOGICAL INSTRUMENTS

Ser. No. 503,708. CORONA S. A., Tramelan-Dessus, Switzerland. Filed June 12, 1946.

ISIS

FOR WATCHES AND PARTS THEREOF.

Claims use since Mar. 14, 1929.

Ser. No. 526,312. GEORGE N. WALLACE, New York, N. Y. Filed July 4, 1947.

PRESTO

FOR STOP WATCHES.

Claims use since Apr. 15, 1947.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Ser. No. 503,035. THE ALVIN CORPORATION, Providence, R. I. Filed May 31, 1946.

CAMEO

FOR STERLING SILVER AND SILVERPLATED FLATWARE, HOLLOWWARE AND CUTLERY — NAMELY, KNIVES AND CARVING SETS HAVING STERLING SILVER OR SILVER-PLATED HANDLES.

Claims use since July 1, 1935.

Ser. No. 525,398. PHI KAPPA FRATERNITY, Cincinnati, Ohio. Filed July 1, 1947.



FOR JEWELRY FOR PERSONAL WEAR (NOT INCLUDING WATCHES) MADE OF PRECIOUS METALS OR PLATED WITH PRECIOUS METALS—NAMELY, LAPEL BUTTONS, BADGES, PINS, AND THE LIKE.

Claims use since Apr. 15, 1902.

Ser. No. 525,938. PHI KAPPA FRATERNITY, Cincinnati, Ohio. Filed July 3, 1947.



The motto in the mark is in the Greek and is "Pistoi Theos Kai Te Akademia" and translated is "Loyalty to God and to College."

FOR JEWELRY FOR PERSONAL WEAR AND USE (NOT INCLUDING WATCHES) MADE OF PRECIOUS METALS OR PLATED WITH PRECIOUS METALS—NAMELY, RINGS, KEY CHARMS, CROSS PENDANTS, POCKET KNIVES, BROOCHES, BRACELETS, COMPACTS, BADGES, PINS.

Claims use since Apr. 15, 1902.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Ser. No. 517,162. PRO-PHY-LAC-TIC BRUSH COMPANY, Northampton, Mass. Filed Feb. 7, 1947.

Pro-phy-lac-tic

FOR BRUSHES—NAMELY, BABY BOTTLE BRUSH, LARGE BOTTLE BRUSH, BOWL BRUSH, HOUSEHOLD UTILITY BRUSH, SCOURING BRUSH, VENETIAN BLIND BRUSH, AND COFFEE MAKER BRUSH.

Claims use since Nov. 7, 1946.

CLASS 30

CROCKERY, EARTHENWARE, AND PORCELAIN

Ser. No. 485,842. SOCIETE BELGE DE CERAMIQUE, SOCIETE ANONYME, Brussels and Pavilion-Florennes, Belgium. Filed July 14, 1945.

Cérabel

FOR TABLEWARE AND ARTICLES OF CROCKERY—NAMELY, DISHES, PLATES, GRAVY BOATS, CUPS, POTS, SAUCERS, COFFEE AND TEA POTS, PITCHERS, BOWLS, AND KNIFE RESTS.

Claims use since April 1934.

CLASS 32

FURNITURE AND UPHOLSTERY

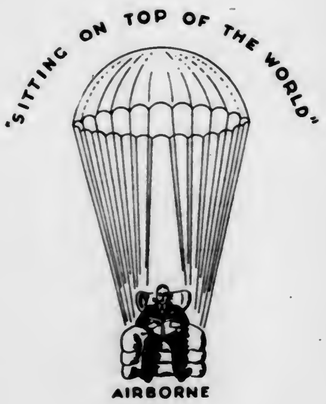
Ser. No. 495,406. REPUBLIC STEEL CORPORATION, Cleveland, Ohio. Filed Jan. 25, 1946. Under section 5b of the act of 1905 as amended in 1920 as to "Berger."

BERGER

FOR WATER COOLER CABINETS; TYPEWRITER DESKS AND CABINETS; DISPLAY CASES AND CABINETS; KITCHEN CABINETS; KITCHEN, OFFICE AND DISPLAY TABLES, DESKS, FILING CASES, BOOK CASES, CUPBOARDS, WARDROBES; STEEL LOCKERS FOR CLOTHING AND THE LIKE; FURNITURE DRAWERS; SHELVING.

Claims use since 1901.

Ser. No. 512,913. LEA BRIDGE INDUSTRIES LIMITED, Essex, England. Filed Nov. 20, 1946.



No claim is made to the word "Airborne" and to the representation of the chair apart from the mark.

FOR UPHOLSTERED SETTEES, SOFAS, COUCHES, DIVANS, UPHOLSTERED CHAIRS AND SPRING MATTRESSES.

Claims use since 1942.

CLASS 33

GLASSWARE

Ser. No. 501,816. ROBERT BLOCH AND SIMONE VAN MOPPES BLOCH, New York, N. Y. Filed May 10, 1946.



The mark consists of two crossing arrows.

FOR GLASSWARE—NAMELY, DINNERWARE AND VASES.

Claims use since Oct. 1, 1941.

Ser. No. 514,699. HOWARD D. FOGLESONG, Huntington, W. Va. Filed Dec. 23, 1946.

SpringVallé

FOR GLASS ARTICLES—NAMELY, VASES, BOTTLES, BOTTLE STOPPERS, DISHES, DRINKING GLASSES, CUPS AND SAUCERS.

Claims use since June 1944.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 515,906. RED JACKET COAL SALES COMPANY, Columbus, Ohio. Filed Jan. 17, 1947.

STEP SAVER

FOR ELECTRIC MOTOR-ACTUATED FURNACE DRAFT AND DAMPER CONTROLS AND REGULATORS.

Claims use since Dec. 3, 1946.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 515,091. DUNLOP TIRE AND RUBBER CORPORATION, Buffalo, N. Y. Filed Dec. 31, 1946.



FOR CAPPING STOCK, PADDING OR UNDERTREAD STOCK, STRIPPING STOCK, FILLER STRIP, RAYON READY-BUILT REPAIRS, TREAD REPAIR GUM, CUSHION REPAIR GUM, RAYON CORD FABRIC REPAIR STOCK, TUBE REPAIR KITS, QUICK CURE TUBE REPAIR GUM, COMBINATION TUBE REPAIR GUM.

Claims use since Oct. 31, 1946.

Ser. No. 516,312. ROBBINS TIRE AND RUBBER COMPANY, INC., Tuscumbia, Ala. Filed Jan. 24, 1947.

PARAMOUNT

FOR INNER TUBES FOR PNEUMATIC TIRES.

Claims use since July 21, 1936.

Ser. No. 517,445. AFFILIATED RETAILERS, INC., New York, N. Y. Filed Feb. 14, 1947.

PARAMOUNT

FOR AUTOMOBILE TIRES AND TUBES MADE OF RUBBER OR RUBBER AND FABRIC.

Claims use since Nov. 1, 1946.

Ser. No. 520,831. PILOT PACKING CO., INC., New York, N. Y. Filed Apr. 16, 1947.



Applicant disclaims the word "Packing," the letter "V," and the representation of the packing ring apart from the mark.

FOR MECHANICAL MACHINERY PACKINGS.

Claims use since November 1912.

Ser. No. 524,582. UNITED STATES GASKET COMPANY, Camden, N. J. Filed June 20, 1947.

CHEMISEAL

FOR PLASTIC JACKETED GASKETS.
Claims use since Oct. 10, 1946.

Ser. No. 526,222. GRIZZLY MANUFACTURING COMPANY, Paulding, Ohio. Filed July 4, 1947.

GRIZZLY SAFTIBOND

The word "Saftibond" is disclaimed apart from the mark as shown.
FOR BRAKE LINING.
Claims use since May 23, 1947.

CLASS 37
PAPER AND STATIONERY

Ser. No. 503,290. IRVING GROSSINGERD, Brooklyn, N. Y. Filed June 5, 1946.

Info-Tag

The word "Tag" is disclaimed apart from the mark as shown.
FOR BLANK AND PARTIALLY PRINTED LABELS AND TAGS.
Claims use since January 1946.

Ser. No. 518,893. KIMBERLY-CLARK CORPORATION, Neenah, Wis. Filed Mar. 12, 1947.

Rotofect

FOR BOOK PAPER.
Claims use since Feb. 20, 1947.

CLASS 38
PRINTS AND PUBLICATIONS

Ser. No. 476,410. UNITED STATES GYPSUM COMPANY, Chicago, Ill. Filed Nov. 13, 1944.

Sound **BUSINESS**

FOR PUBLICATION ISSUED INTERMITTENTLY.
Claims use since June 1944.

Ser. No. 495,142. THE INSTITUTE OF NUTRITION RESEARCH, INC., New York, N. Y. Filed Jan. 21, 1946.

LIVING SHOULD BE FUN

FOR RADIO SCRIPTS PUBLISHED DAILY EXCEPT SUNDAYS AND SOLD AS PUBLICATIONS IN TRADE.
Claims use since 1943.

Ser. No. 500,217. POWELL HELTON, Banning, Calif. Filed Apr. 15, 1946.

Moods in Wood

Applicant disclaims the words "In wood" except when used in conjunction with the mark.
FOR PICTURES IN RELIEF FORMED FROM PIECES OF WOOD.
Claims use since May 12, 1942.

Ser. No. 506,570. ALUMNI ASSOCIATION OF THE U. S. MERCHANT MARINE CADET CORPS, INC., New York, N. Y. Filed July 31, 1946.

ZENITH

Applicant disclaims all of the words with the exception of the word "Zenith" apart from the mark.
FOR MAGAZINE PUBLISHED PERIODICALLY.
Claims use since September 1945.

Ser. No. 526,235. INDUSTRIAL REPRODUCTIONS, New York, N. Y. Filed July 4, 1947.

E-Z DECAL

No claim is made to the word "Decal" apart from the mark.
FOR DECALCOMANIAS.
Claims use since May 1, 1947.

Ser. No. 526,276. ELINOR OLIVER, doing business as Nail Deks Co., New York, N. Y., and South Norwalk, Conn. Filed July 4, 1947.

Nail-Deks

No claim is made to the word "Nail" apart from the mark.
FOR DECALCOMANIA FOR FINGER NAILS.
Claims use since December 1946.

CLASS 39
CLOTHING

Ser. No. 482,584. LINDFELT GLOVE MANUFACTURING CO., Des Moines, Iowa. Filed Apr. 25, 1945.



The word "Mitts" is disclaimed. The lining appearing on the drawing represents the color blue.
FOR MITTENS MADE OF FABRIC.
Claims use since January 1943.

Ser. No. 507,592. PACIFIC LAMBSKIN PRODUCTS, Hollywood, Calif. Filed Aug. 17, 1946.



The word "California" is disclaimed.
FOR CHILDREN'S MITTENS, SLIPPERS, AND WOMEN'S GLOVES, MADE IN A SUBSTANTIAL PART OF LAMB'S WOOL OR LAMB'S SKIN.
Claims use since May 28, 1946.

Ser. No. 521,836. TENNESSEE GLOVE COMPANY, Tullahoma, Tenn. Filed May 3, 1947.



The word "Red" is disclaimed apart from the mark.
FOR FABRIC WORK GLOVES.
Claims use since Mar. 16, 1939.

Ser. No. 524,293. BRIGADOON HOSIERY MILLS, New York, N. Y. Filed June 17, 1947.

BRIGADOON

FOR MEN'S HOSIERY.
Claims use since June 6, 1947.

Ser. No. 525,760. ANDREANA CLASSICS, New York, N. Y. Filed July 3, 1947.

Andreana

FOR MISSES' BLOUSES AND SKIRTS.
Claims use since Dec. 18, 1946.

Ser. No. 526,216. FLORIDA FASHIONS, INC., Sanford, Fla. Filed July 4, 1947.



No claim is made to the representation of the outline map of Florida apart from the mark.
FOR LADIES' DRESSES, PLAY SUITS AND BATHING SUITS.
Claims use since Apr. 15, 1947.

CLASS 40
FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 504,614. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio. Filed June 26, 1946.

Koroseal

FOR WRIST WATCH STRAPS OF FLEXIBLE PLASTIC MATERIAL.
Claims use since October 1940.

Ser. No. 524,697. THE FRENCH LOOK, INC., Paterson, N. J. Filed June 24, 1947.

French Look

No claim is made to the word "French."
FOR BRASSIÈRE WIRES; AND WIRE SUPPORTS FOR BRASSIÈRES AND OTHER GARMENTS.
Claims use since Mar. 28, 1946.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 473,650. ROBERT C. SWITZER, doing business as Switzer Brothers, Cleveland, Ohio, assignor to Switzer Brothers, Inc., Cleveland, Ohio, a corporation of Ohio. Filed Aug. 26, 1944.

Day-Glo

No claim is made to the word "Glo."
FOR FABRICS IN THE PIECE MADE OF RAYON, NYLON AND LIKE ORGANIC PLASTIC FILAMENTS AND YARNS, SAID FABRICS BEING DYED WITH A FLUORESCENT DYE IN A VISIBLE LIGHT-RESPONSIVE STATE.
Claims use since Aug. 21, 1944.

Ser. No. 500,269. A. ZADIK Y COMPANIA, Guatemala City, Guatemala. Filed Apr. 15, 1946.

CHUMIL
A. Z. & Co.
GUATEMALA C. A.

No claim is made to the words "Guatemala C. A." apart from the mark.
FOR TEXTILE FABRICS IN THE PIECE, YARD OR BOLT MADE OF COTTON, LINEN, SILK, AND RAYON, AND MIXTURES THEREOF; TABLECLOTHS, BLANKETS AND PONCHOS (NATIVE BLANKETS).
Claims use since Jan. 1, 1946.

Ser. No. 501,984. RALPH S. HARTE, New York, N. Y., assignor, by mesne assignments, to Sun Chemical Corporation, New York, N. Y., a corporation of Delaware. Filed May 13, 1946.

Fabcose

FOR THIN, TRANSPARENT OR TRANSLUCENT SHEETS OR FILMS OF SYNTHETIC RESIN COMPOSITION, AND SOLD AS PIECE GOODS, FOR USE IN MAKING PACKAGING MATERIALS.
Claims use since Apr. 9, 1946.

Ser. No. 502,101. ANGLO FABRICS COMPANY, INC., New York, N. Y. Filed May 15, 1946.

DOESONA

FOR WOOLEN AND WORSTED PIECE GOODS.
Claims use since Feb. 4, 1946.

Ser. No. 502,317. NEW PROCESS MILLS OF NEW JERSEY, INC., Closter and Hackensack, N. J. Filed May 17, 1946.

JAVAPAK

FOR KAPOK FILLED QUILTED COTTON LININGS AND INTERLININGS SOLD BY THE ROLL.
Claims use since Mar. 6, 1946.

Ser. No. 506,776. F. SCHUMACHER & CO., New York, N. Y. Filed Aug. 2, 1946.

"Pride of Kashmir"

No claim is made to the word "Kashmir."
FOR RUGS AND CARPETS.
Claims use since June 1, 1946.

Ser. No. 515,180. IMPERIAL TEXTILE CO. OF NEW YORK, INC., New York, N. Y. Filed Jan. 2, 1947.

A KENRICH FABRIC

No claim is made to the words "A" and "Fabric" apart from the mark.
FOR DRAPERY FABRICS AND SLIP COVER FABRICS MADE OF COTTON AND SOLD BY THE YARD.
Claims use since Dec. 9, 1946.

Ser. No. 515,538. CHICOPEE SALES CORPORATION, New York, N. Y. Filed Jan. 10, 1947.

Chix

FOR CRIB SHEETS.
Claims use since June 1, 1946.

Ser. No. 522,690. BARRINGHAM RUBBER & PLASTICS LIMITED, Oakville, Ontario, Canada. Filed May 20, 1947.

PLASTAHIDE

FOR SUPPORTED AND UNSUPPORTED FLEXIBLE VINYL-TYPE PLASTIC SHEETING IN THE PIECE FOR USE IN THE MANUFACTURE OF WATERPROOF CLOTHING, BABY PANTS, CRIB SHEETS, FOOD COVERS, CURTAINS, TABLE COVERS, SHOE INSOLES AND LININGS, COVERING FOR FURNITURE, AUTOMOBILE SEATS, LUGGAGE AND HANDBAGS, AND UPHOLSTERING AND THE LIKE.
Claims use since Oct. 15, 1945.

Ser. No. 523,636. M. J. WHITTALL ASSOCIATES, INC., Worcester, Mass. Filed June 5, 1947. Under 10-year proviso as to "Whittall."

WHITTALL
DEVENS

The word "Whittall" has been used as a trade-mark by the applicant for ten years next preceding Feb. 20, 1905. Applicant owns Reg. No. 146,626, renewed. The word "Devens" is disclaimed.
FOR CARPETS AND RUGS.
Claims use since Jan. 2, 1886, to the word "Whittall," and since Jan. 2, 1946, to the mark as a whole.

Ser. No. 524,799. GOODALL-SANFORD, INC., Sanford, Maine. Filed June 25, 1947.

ROYALOOM

FOR WOOLEN FRIEZES, OF COTTON AND WOOL, SOLD IN BOLT.
Claims use since May 1, 1947.

Ser. No. 525,780. RICHARD BORDEN MILLS CORP., Fall River, Mass. Filed July 3, 1947.

Sugar Spun

The word "Spun" is disclaimed except in connection with the remainder of the mark.
FOR COTTON PIECE GOODS.
Claims use since Apr. 1, 1947.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 513,941. JAMES MCGRATH, Kansas City, Kans. Filed Dec. 9, 1946.

B—D
BY
MC GRATH

The phrase "By McGrath" is disclaimed apart from the mark shown and the outline of the label is disclaimed as such.
FOR THERAPEUTIC ELECTRIC LAMP.
Claims use since Dec. 4, 1946.

Ser. No. 522,828. HANAU ENGINEERING COMPANY, INC., Buffalo, N. Y. Filed May 22, 1947.

THERM-EX

No claim is made to the word "Therm" apart from the mark.
FOR SPRAYS USED FOR DENTAL PURPOSES AND DESIGNED TO COOL DENTAL BURS OR DRILLS, DIAMONDS, POINTS, STONES AND DISCS WHILE HELD IN DENTAL HAND PIECES.
Claims use since Feb. 10, 1947.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 502,147. JOHN MORRELL & CO., Ottumwa, Iowa. Filed May 15, 1946. Under section 5b of the act of 1905, as amended in 1920 as to "Morrell."

MORRELL
E-Z-Q

Applicant is owner of Reg. Nos. 353,166; 356,791; 385,633; and 388,579.
FOR CANNED PORK PRODUCT WITH BARBECUE SAUCE, THE INGREDIENTS OF WHICH ARE CHOPPED PORK, VINEGAR, SALT, CORN FLOUR, FLAVORING AND SUGAR.
Claims use since Mar. 30, 1946.

Ser. No. 503,342. ASHWORTH (SPECIALTIES) LIMITED, Birmingham, England. Filed June 6, 1946.

"SOSS"

FOR STUFFING AND FORCEMEAT MADE OF HERBS, RUSK AND SPICES.
Claims use since 1932.

Ser. No. 505,652. W. S. HOWARD COMPANY, Madison, Wis. Filed July 15, 1946.



Applicant is the owner of Registration No. 421,455, dated June 4, 1946. The representation of the girl is fanciful.
FOR PURE LIQUID VANILLA EXTRACTS FOR FOOD FLAVORING PURPOSES, GELATIN DESSERT POWDERS, PUDDING POWDERS, AND FOOD FLAVORING HORSERADISH.
Claims use since Oct. 25, 1945.

Ser. No. 506,165. THE FLYING CHICKEN, Albuquerque, N. Mex. Filed July 24, 1946.
The word "Chicken" is disclaimed.

The Flying Chicken

FOR PACKAGED COOKED CHICKEN.
Claims use since Mar. 17, 1946.

Ser. No. 512,425. LAKE COVE GROWERS, INC., Finley, Calif. Filed Nov. 12, 1946.

Lakecove

Applicant is the owner of Reg. No. 291,140.
FOR FRESH DECIDUOUS FRUITS.
Claims use since July 25, 1931.

Ser. No. 513,472. NICK S. STEINER, Uniontown, Ohio; The Firestone Bank, executor of the estate of Nick Steiner, deceased, assignor, by mesne assignments, to Elmer A. Geig and Anna R. Geig. Filed Nov. 29, 1946.



No claim is made to the word "Pickling" or to the representations of the cucumbers and the jar or pickles in the picture. The man represented is a picture of the applicant.
FOR PICKLING SOLUTION COMPRISING VINEGAR, SPICES, HERBS, OILS, SACCHARIN AND SALT.
Claims use since August 1936.

Ser. No. 514,483. IRVING MARGULIES, doing business as Ahoskie Pickle Company, Ahoskie, N. C. Filed Dec. 18, 1946.

Carolina Farmer

The word "Carolina" is disclaimed apart from the mark.
FOR PICKLES.
Claims use since May 10, 1945.

Ser. No. 514,592. CUTLER ORCHARDS, INC., Scottsdale, Ariz. Filed Dec. 20, 1946.

ARIZEST

FOR FRESH CITRUS FRUITS—NAMELY, ORANGES, LEMONS, LIMES, TANGERINES, GRAPEFRUIT, CHINESE LEMONS, RUBY LIMES, AND KUMQUATS, AND FRESH DATES, AND CANDY-COATED FRUITS.
Claims use since June 1, 1946.

Ser. No. 515,875. N. V. HANDELMAATSCHAPPIJ "HERTIE," Amsterdam, Netherlands. Filed Jan. 17, 1947.

HERTIE

FOR MEATS—NAMELY, PORK, BEEF, LAMB, HORSEFLESH AND WHALE-MEAT IN PRESERVED FORM; EDIBLE CRUSTACEANS, MOLLUSKS IN PRESERVED FORM; FRUITS, SEEDS, AND VEGETABLES IN PRESERVED FORM; EXTRACTS, GRAVIES, SAUCES AND PASTES MADE OF MEAT, FISH, EDIBLE CRUSTACEANS, AND MOLLUSKS, FRUITS, SEEDS AND OTHER PARTS OF PLANTS; GRAVY AND SAUCE PREPARATIONS; DRIED VEGETABLES, FRUITS, KITCHEN HERBS AND SEEDS FOR FOOD PURPOSES; SPICES, PICKLES, PICCALILLI, AND VINEGAR.
Claims use since October 1941.

Ser. No. 518,889. HY-V COMPANY, INC., New York, N. Y., and Newark, N. J. Filed Mar. 12, 1947.

hyV

FOR CANNED FRUIT JUICES FOR FOOD PURPOSES.
Claims use since Jan. 7, 1947.

Ser. No. 519,576. FARMER'S CO-OPERATIVE ASSOCIATION OF NEW JERSEY, INC., Trenton, N. J. Filed Mar. 26, 1947.

FCA

FOR CHICK STARTER MASH, GROWING MASH, LAYING MASH, SCRATCH GRAIN, CALF STARTER, FITTING RATION, AND MIXED DAIRY FEEDS.
Claims use since February 1942.

Ser. No. 523,235. BESS NUT CO., INC., Passaic, N. J. Filed May 29, 1947.

Aw Nuts!

BESS

No claim is made to the word "Nuts" apart from the mark.
FOR SALTED AND UNSALTED NUT MEATS.
Claims use since Sept. 1, 1935.

Ser. No. 525,270. NEW BEDFORD FISH PRODUCTS CORP., New Bedford, Mass. Filed June 23, 1947.



The representation of the man is fanciful and not the portrait of a living or deceased individual.
FOR FISH MEAL FOR USE AS/OR IN STOCK AND POULTRY FEED.
Claims use since June 15, 1946.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 487,209. MARCELLA G. ROBINSON, Sacramento, Calif. Filed Aug. 17, 1945.

MARCELLA'S
Bridal
Rice

The use of the words "Bridal Rice" apart from the mark is disclaimed.
FOR VARI-COLORED SHOWER RICE FOR WEDDINGS.
Claims use since June 20, 1945.

Ser. No. 495,363. BILFRED ENTERPRISES, Los Angeles, Calif. Filed Jan. 25, 1946.

Sip MATES

Applicant disclaims the word "Sip" appearing in the drawing.
FOR PAPER NAPKINS, PAPER COVERS FOR DRINKING GLASSES AND PAPER STRAWS, ALL SOLD AS A UNIT.
Claims use since Jan. 2, 1946.

Ser. No. 507,514. CLARVAN CORPORATION. Milwaukee, Wis. Filed Aug. 16, 1946.

ANOTHER

CLARVAN

AID TO GOOD LIVING

Applicant hereby disclaims the words "Another Aid to Good Living" apart from the mark shown.
FOR FLEXIBLE PROTECTING COVER MADE FROM A PLASTIC MATERIAL FOR ENCLOSING WASHING MACHINES, MANGLES, KITCHEN BOWLS, ELECTRIC MIXERS, AND TOASTERS.
Claims use since Dec. 1, 1945.

Ser. No. 512,350. TAILORED COVERS, LTD., Chicago, Ill. Filed Nov. 9, 1946.

Gleemtex

FOR COVERS MADE OF PLASTIC FOR USE ON APPLIANCES—NAMELY, WASHING MACHINES, TOASTERS, ROASTERS, FANS, ELECTRIC IRONS, COFFEE MAKERS, AND FOOD MIXERS, CHINA PLATE COVERS; AND BOWL COVERS.
Claims use since July 12, 1946.

Ser. No. 515,948. FORMOLD PLASTICS, Chicago, Ill., assignor to Formold Plastics, Inc., Chicago, Ill., a corporation of Illinois. Filed Jan. 18, 1947.

fp

FOR PLASTIC CAPS FOR BOTTLES.
Claims use since May 10, 1945.

Ser. No. 518,474. HARRY MORRIS ASSOCIATES, Chicago, Ill. Filed Mar. 4, 1947.

Harmor

FOR SHEETS OF PLASTIC FILM IN THE NATURE OF ARTIFICIAL LEATHER.
Claims use since November 1946.

ACT OF 1946

The following trade-marks are published in compliance with section 12(a) of the Trade-Mark Act of 1946. Notice of opposition under section 13 may be filed within thirty days of this publication. See Rules 20.1 to 20.5.
As provided by section 31 of said act, a fee of twenty-five dollars must accompany each notice of opposition.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 533,730. GOLD SEAL IMPORTERS, INC., New York, N. Y. Filed Sept. 8, 1947.

LIFE AFTER DARK

FOR LADIES' HANDBAGS.
Claims use since July 1, 1947.

Ser. No. 534,507. JOSEPH BUEGELEISEN CO., Detroit, Mich. Filed Sept. 15, 1947.

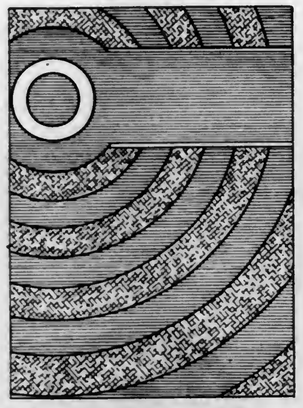
Buco

FOR SADDLE BAGS FOR MOTORCYCLES.
Claims use since July 6, 1940.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 528,039. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio. Filed July 5, 1947.



The color lining on the drawing represents the colors blue and orange. Applicant claims ownership of registrations Nos. 100,664 and 409,358.
FOR SUDSING CLEANER, CLEANSER AND DETERGENT.
Claims use since Mar. 19, 1930.

Ser. No. 528,670. ARMOUR AND COMPANY, Chicago, Ill. Filed July 16, 1947.

BIG BEN

FOR SOAP.
Claims use since April 1928.

Ser. No. 534,714. AIDMORE PRODUCTS CO., West Orange, N. J. Filed Sept. 17, 1947.

OLEODIGESTINE

FOR SPOT REMOVERS OF THE DRY STICK TYPE.
Claims use since June 19, 1947.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 516,885. ATLAS POWDER COMPANY, Wilmington, Del. Filed July 19, 1947.

MERJ

FOR STABILIZERS FOR AMYLACEOUS MATERIALS, AND EMULSIFYING, DISPERSING, SOLUBILIZING AND WETTING AGENTS.
Claims use since Jan. 7, 1947.

Ser. No. 523,250. PERRY V. EAKIN, doing business as National Textile & Chemical Laboratory, Wilmette, Ill. Filed Aug. 21, 1947.



No claim is made to the word "Starch" except in the association shown, nor to the rectangular outline surrounding the mark as a whole. The drawing is lined to indicate violet or purple color.
FOR LAUNDRY STARCH.
Claims use since May 15, 1947.

Ser. No. 526,586. PRO-PHY-LAC-TIC BRUSH COMPANY, Northampton, Mass. Filed July 5, 1947. Applicant claims ownership of registration No. 351,850.

PERMA-GRIP

FOR DENTAL PLATE POWDER.
Claims use since May 25, 1937.

Ser. No. 526,806. NORMAN C. HAYNER CO., Rochester, N. Y. Filed July 5, 1947. Under section 2f of the act of 1946.

DEAD·SURE

Applicant claims ownership of registration No. 404,645.
FOR INSECTICIDES.
Claims use since Jan. 1, 1910.

Ser. No. 527,825. NATIONAL LEAD COMPANY, New York, N. Y. Filed July 5, 1947.

NALCO

FOR SOLDERING FLUX.
Claims use since Oct. 31, 1945.

Ser. No. 534,858. ABBOTT LABORATORIES, North Chicago, Ill. Filed Sept. 18, 1947.

Sulfedexan

Applicant claims ownership of registration No. 402,289.
FOR ANTISEPTIC PREPARATION CONTAINING A SULFONAMIDE INTENDED FOR USE AS AN INHALANT.
Claims use since Aug. 29, 1947.

Ser. No. 535,085. SCHERING CORPORATION, Bloomfield, N. J. Filed Sept. 19, 1947.

ESMARAL

FOR PREPARATION FOR THE PREVENTION OF TRAVEL SICKNESS.
Claims use since Sept. 3, 1947.

Ser. No. 535,117. BARBARA HEBBARD, New York, N. Y. Filed Sept. 20, 1947.

Slander

FOR PERFUME.
Claims use since Sept. 19, 1947.

Ser. No. 535,207. WYETH INCORPORATED, Philadelphia, Pa. Filed Sept. 20, 1947.

CRISCORA

FOR DIGITOXIN.
Claims use since Sept. 21, 1945.

Ser. No. 535,366. AMERICAN CYANAMID COMPANY, New York, N. Y. Filed Sept. 23, 1947.

THIOPHOS 3422

FOR PARATHION IN WETTABLE POWDER, DUST, AEROSOL, EMULSION OR SOLUTION FORM, FOR USE AS AN INSECTICIDE, RODENTICIDE, FUNGICIDE, FUMIGANT, ACARICIDE, HERBICIDE, ARTHROPODICIDE AND BACTERIOCIDE.
Claims use since Sept. 15, 1947.

Ser. No. 536,005. E. R. SQUIBB & SONS, New York, N. Y. Filed Sept. 27, 1947.

LIAFON

FOR ANTIANEMIC PREPARATIONS.
Claims use since Sept. 23, 1947.

Ser. No. 536,894. MAURICE HANDMAN, doing business as Maurella Products Co., New York, N. Y. Filed Oct. 6, 1947.

Flower Petals

FOR PADS SATURATED WITH COLOGNE OR PERFUME.
Claims use since Jan. 30, 1945.

Ser. No. 537,271. YOUNG-JONES LABORATORY, Tampa, Fla. Filed Oct. 8, 1947.

8 Ball

FOR CHEMICAL POWDER AND LIQUIDS USED FOR COMBATING INSECTS AND RODENTS.
Claims use since Mar. 15, 1947.

CLASS 8

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS

Ser. No. 512,929. RONSON ART METAL WORKS, INC., Newark, N. J. Filed July 9, 1947.

RONSON

Applicant claims ownership of registrations Nos. 160,372 (renewed), 261,178, 274,164, and 275,170.
FOR ASH TRAYS, COMBINED ASH TRAYS AND CIGAR LIGHTERS, COMBINED CIGAR OR CIGARETTE CONTAINERS AND CIGAR LIGHTERS, CIGARETTE, CIGAR AND TOBACCO CONTAINERS, HUMIDORS, CIGARETTE DISPENSERS, CIGAR PIERCERS, CIGAR AND CIGARETTE HOLDERS, AND PIPE HOLDERS.
Claims use since June 1, 1909.

Ser. No. 527,881. TALON, INC., Meadville, Pa. Filed July 5, 1947.

HOOKLESS

Applicant claims ownership of registrations Nos. 198,412, 263,869, 270,509, 271,680, 272,191, and 274,250.
FOR TOBACCO POUCHES, CIGARETTE CASES, CIGAR CASES, AND PIPE CASES, MADE OF MATERIAL OTHER THAN PRECIOUS METAL.
Claims use since Sept. 28, 1929.

Ser. No. 527,882. TALON, INC., Meadville, Pa. Filed July 5, 1947.

TALON

Applicant claims ownership of registrations Nos. 243,746, 250,113, 270,090, 270,773, 271,179, 271,679, 273,995, 319,009 and 415,418.
FOR TOBACCO POUCHES, CIGARETTE CASES, CIGAR CASES, AND PIPE CASES, MADE OF MATERIAL OTHER THAN PRECIOUS METAL.
Claims use since Sept. 28 1929.

CLASS 12

CONSTRUCTION MATERIALS

Ser. No. 534,835. TAMKO ASPHALT PRODUCTS, INCORPORATED, Joplin, Mo. Filed Sept. 17, 1947.



FOR ASPHALT ROOFING.
Claims use since Aug. 14, 1947.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 511,587. AMERICAN BRAKE SHOE COMPANY, New York, N. Y. Filed July 31, 1947.

A B K

Applicant claims ownership of registrations Nos. 362,527, 351,296, 368,737, 399,877, and 411,946.
FOR METAL CASTINGS.
Claims use since Aug. 14, 1946.

Ser. No. 527,851. NATIONAL LEAD COMPANY, New York, N. Y. Filed July 5, 1947.

RMM

FOR ANTIMONY METAL AND ALLOYS THEREOF.
Claims use since January 1931.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 528,447. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio. Filed July 12, 1947.

WINGFOOT

Applicant claims ownership of registration No. 270,412.
FOR STORAGE BATTERIES AND SPARK PLUGS.
Claims use since June 27, 1929, on storage batteries; and since Jan. 15, 1947, on spark plugs.

CLASS 24

LAUNDRY APPLIANCES AND MACHINES

Ser. No. 527,893. TALON, INC., Meadville, Pa. Filed July 5, 1947.

TALON

Applicant claims ownership of registrations Nos. 243,746, 250,113, 270,090, 270,773, 271,179, 271,679, 273,995, 319,009, and 415418.
FOR PADS AND COVERS FOR IRONING BOARDS.
Claims use since June 17 1947.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 527,433. DYNAMATIC CORPORATION, Kenosha, Wis. Filed July 5, 1947.

DYNAMATIC

Applicant claims ownership of registrations Nos. 316,735, 419,309, 419,310, and 425,108.
FOR DYNAMOMETERS.
Claims use since Apr. 4, 1936.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Ser. No. 530,923. THE EASTERLING COMPANY, Chicago, Ill. Filed Aug. 9, 1947.



FOR STERLING SILVER FLATWARE AND HOLLOW WARE.
Claims use since August 1944.

CLASS 33

GLASSWARE

Ser. No. 528,639. OWENS-ILLINOIS GLASS COMPANY, Toledo, Ohio. Filed July 15, 1947.

AMERICANA

FOR GLASS TUMBLERS AND DRINKING GLASSES.
Claims use since May 1, 1947.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 472,816. MAGNO TRONIC CORPORATION, Newark, N. J. Filed Dec. 2, 1947.

MAGNO TRONIC

FOR LIGHTING APPARATUS—NAMELY, PORTABLE BRACKETS AND STANDARDS FOR MOUNTING VARIOUS TYPES OF LAMPS.
Claims use since Jan. 4, 1943.

Ser. No. 529,258. FLORENCE STOVE COMPANY, Gardner, Mass. Filed July 23, 1947.

BROILERCUE

FOR BROILER AND A BROILER OVEN INCORPORATED IN A COOKING RANGE.
Claims use since Apr. 7, 1947.

Ser. No. 529,864. BARBER-COLMAN COMPANY, Rockford, Ill. Filed July 29, 1947.

line-o-flo

FOR HEATING, VENTILATING AND AIR CONDITIONING APPARATUS—NAMELY, INLETS AND OUTLETS FOR AIR DUCTS.
Claims use since Jan. 15, 1946.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 530,966. CHAS. A. SCHIEREN COMPANY, New York, N. Y. Filed Aug. 9, 1947.



Applicant claims ownership of registrations Nos. 12,785 and 109,620.
FOR OIL-DRESSED AND WATERPROOFED FLAT LEATHER BELTING.
Claims use since November 1884.

CLASS 37

PAPER AND STATIONERY

Ser. No. 485,386. CROWN ZELLERBACH CORPORATION, doing business as Western Waxed Paper Co., San Francisco and Oakland, Calif. Filed July 15, 1947.

SEAL PLUS

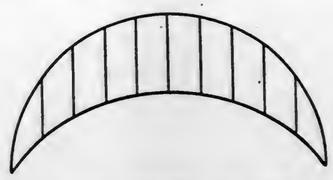
No claim is made to the word "Seal" apart from the mark.
FOR WAXED PAPER OF DIFFERENT GRADES.
Claims use since June 1944.

Ser. No. 485,387. CROWN ZELLERBACH CORPORATION, doing business as Western Waxed Paper Co., San Francisco and Oakland, Calif. Filed July 15, 1947.

SUL SEAL

No claim is made to the word "Seal" apart from the mark.
FOR WAXED PAPER OF DIFFERENT GRADES.
Claims use since June 1944.

Ser. No. 526,584. THE CONKLIN PEN COMPANY, INC., Chicago, Ill. Filed July 5, 1947.



Applicant claims ownership of registrations Nos. 129,655, 147,763, and 409,965.
FOR FOUNTAIN PENS AND FOUNTAIN PEN PARTS.
Claims use since 1923.

Ser. No. 526,646. NEW YORK MOTOR COACH ADVERTISING, INC., New York, N. Y. Filed July 5, 1947.

Tokentainer

Applicant claims ownership of registration No. 433,856.
FOR TOKEN BOOKS FOR TOKENS AND COINS.
Claims use since May 27, 1947.

Ser. No. 527,151. CONSOLIDATED WATER POWER & PAPER COMPANY, Wisconsin Rapids, Wis. Filed July 5, 1947.

CONSOLIDATED

Applicant claims ownership of registration No. 388,396.
FOR COATED AND UNCOATED PAPER FOR PRINTING PURPOSES AND PAPERBOARD.
Claims use since June 1904 on paper; and since Sept. 27, 1917 on paperboard.

Ser. No. 528,601. THE AJAX BOX COMPANY, Chicago, Ill. Filed July 15, 1947.

Shield-pak

The word "Pak" is disclaimed apart from the mark.
FOR CORRUGATED PAPER.
Claims use since Oct. 12, 1945.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 531,782. FARM JOURNAL, INC., Philadelphia, Pa. Filed Aug. 19, 1947.

LATE AND IMPORTANT

FOR MAGAZINE COLUMN.
Claims use since July 14, 1942.

Ser. No. 531,784. FARM JOURNAL, INC., Philadelphia, Pa. Filed Aug. 19, 1947.

Under The Dome

FOR MAGAZINE COLUMN.
Claims use since Aug. 22, 1942.

CLASS 39

CLOTHING

Ser. No. 513,066. MCLELLAN STORES COMPANY, New York, N. Y. Filed July 21, 1947.

"Remember"

FOR MEN'S, WOMEN'S, AND CHILDREN'S HOSIERY.
Claims use since Sept. 18, 1946.

Ser. No. 528,510. REGENT, LIMITED, Boston, Mass. Filed July 12, 1947.

BRIGADOON

FOR WOMEN'S AND GIRLS' SHIRTS, SKIRTS, JACKETS, SLACKS, PLAY SUITS AND SHORTS.
Claims use since Mar. 24, 1947.

Ser. No. 530,303. FLORENCE UNDERGARMENT CO., INC., Brooklyn, N. Y. Filed Aug. 2, 1947.

Panbry

FOR WOMEN'S AND MISSES' PANTIES.
Claims use since Feb. 11, 1947.

Ser. No. 536,612. INDIANAPOLIS GLOVE COMPANY, Indianapolis, Ind. Filed Oct. 3, 1947. Under section 2f of the act of 1946.

CRACKERJACK

Applicant claims ownership of registration No. 347,176.
FOR WORK GLOVES AND WORK MITTENS OF FABRIC, LEATHER, AND COMBINATIONS THEREOF.
Claims use since Feb. 6, 1936.

Ser. No. 538,336. WRIGHT'S UNDERWEAR CORPORATION, New York, N. Y. Filed Oct. 18, 1947.

Greentop

Applicant claims ownership of registration No. 374,384.
FOR MEN'S, BOYS', WOMEN'S, MISSES', AND CHILDREN'S UNDERWEAR.
Claims use since June 14, 1939.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 528,714. GAYLORD PRODUCTS, INC., Chicago, Ill. Filed July 16, 1947. Under section 2f of the act of 1946.

HOLD-BOB

Applicant claims ownership of registrations Nos. 251,012 and 428,304.
FOR HAIRPINS AND NON-ELECTRICAL HAIR CURLERS AND HAIR WAVERS.
Claims use since July 11, 1927, on hairpins, and since December 1938 on hair curlers and hair wavers.

Ser. No. 531,108. WM. GLUCKIN & CO., INC., New York, N. Y. Filed Aug. 12, 1947.

Secrets

FOR BUST PADS.
Claims use since Aug. 1, 1947.

Ser. No. 531,860. STUART, INC., St. Paul, Minn. Filed Aug. 19, 1947.

GOOMPL

FOR CLOTH DOLL CONTAINING SACHET.
Claims use since Dec. 10, 1946.

Ser. No. 534,237. H. BOKER & CO. INC., New York, N. Y. Filed Sept. 12, 1947.

PARABOLA

FOR SEWING NEEDLES.
Claims use since 1870.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 526,605. LEVINSOHN TEXTILE CO., New York, N. Y. Filed July 5, 1947.

4L

FOR TICKING AND PILLOW TICKS.
Claims use since Mar. 1, 1947.

Ser. No. 526,606. LEVINSOHN TEXTILE CO., New York, N. Y. Filed July 5, 1947.

FORRELL

FOR TICKING AND PILLOW TICKS.
Claims use since Mar. 1, 1947.

Ser. No. 528,393. WULLSCHLEGER & CO., New York, N. Y. Filed July 11, 1947.

BOUILLABAISSE

FOR FABRICS IN THE PIECE, CONSISTING OF SILK, COTTON, WOOL, NYLON, RAYON, GLASS OR PROTEIN FIBRES, OR MIXTURES THEREOF.
Claims use since June 6, 1947.

Ser. No. 531,254. SUSQUEHANNA MILLS, INC., New York, N. Y. Filed Aug. 13, 1947.

CREPE SUZETTE

No claim is made to the word "Crepe."
FOR WOOL CREPE FABRICS IN THE PIECE.
Claims use since June 1946.

Ser No. 535,041. JAYBERN FABRICS INC., New York, N. Y. Filed Sept. 19, 1947.

Jaybern

FOR PIECE GOODS CONSISTING OF WOOL, COTTON, RAYON AND MIXTURES THEREOF.
Claims use since Aug. 14, 1944.

Ser. No. 535,317. THE GREAT AMERICAN TEA COMPANY, New York, N. Y. Filed Sept. 23, 1947.

Amert

FOR SHEETS AND PILLOW CASES.
Claims use since Aug. 1, 1942.

Ser. No. 535,848. INTERCHEMICAL CORPORATION, New York, N. Y. Filed Sept. 26, 1947.

SANISEAL

FOR WINDOW CURTAINS AND TABLE COVERINGS OF COATED TEXTILE FABRIC OR THIN TRANSPARENT OR TRANSLUCENT SHEETED PLASTIC FILM SOLD BY THE PIECE.
Claims use since Aug. 22, 1947.

Ser. No. 535,849. INTERCHEMICAL CORPORATION, New York, N. Y. Filed Sept. 26, 1947.

SANILITE

FOR WINDOW CURTAINS AND TABLE COVERINGS OF COATED TEXTILE FABRIC OR THIN TRANSPARENT OR TRANSLUCENT SHEETED PLASTIC FILM SOLD BY THE PIECE.
Claims use since Aug. 22, 1947.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 526,682. STAHL BROTHERS, Gonzales, Tex. Filed July 5, 1947.

Mar-Mel

FOR DRESSED POULTRY.
Claims use since Feb. 20, 1947.

Ser. No. 527,378. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed July 5, 1947.

POLE STAR

Applicant claims ownership of registration No. 383,032.
FOR FROZEN FISH FILLETS.
Claims use since Oct. 21, 1931.

Ser. No. 529,062. CHARLES LIPSON CO., Philadelphia, Pa. Filed July 21, 1947.

BALLOON

FOR BUBBLE GUM.
Claims use since May 20, 1947.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 505,340. DANBURY RUBBER CO., INC., Danbury, Conn. Filed Aug. 18, 1947.

DANOLITE

FOR SLABS AND SHEETS OF RUBBER OR RUBBER-LIKE MATERIAL.
Claims use since June 1, 1946.

TRADE-MARK REGISTRATIONS GRANTED

ACT OF 1905

MARCH 16, 1948

437,318. RAYON PIECE GOODS. DUPLEX FABRICS CORPORATION, New York, N. Y.
Filed December 27, 1945. Serial No. 493,920. PUBLISHED DECEMBER 9, 1947. Class 42.

437,319. WOOLEN AND WORSTED FABRICS IN THE PIECE. WALTHER MANUFACTURING COMPANY, INCORPORATED, Philadelphia, Pa.
Filed April 19, 1946. Serial No. 500,591. PUBLISHED DECEMBER 9, 1947. Class 42.

437,320. ELECTRICAL CONNECTORS BOTH SINGLE POLE AND MULTI-POLE, AND HOUSINGS AND CASINGS THEREFOR. ALBERT & J. M. ANDERSON MANUFACTURING COMPANY, Boston, Mass.
Filed May 2, 1946. Serial No. 501,303. PUBLISHED DECEMBER 9, 1947. Class 21.

437,321. PAINT MIXING MACHINE DESIGNED TO PRODUCE A PRE-CHOSEN COLOR BY MIXING MEASURED QUANTITIES OF DIFFERENT COLORED PAINT MATERIALS. THE ARCO COMPANY, Cleveland, Ohio.
Filed May 8, 1946. Serial No. 501,624. PUBLISHED MAY 27, 1947. Class 26.

437,322. RADIO RECEIVERS, RADIO TRANSMITTERS; TELEVISION RECEIVERS AND TRANSMITTERS; ELECTRIC BELLS, BUZZERS, AND DOOR CHIMES; ELECTRIC APPLIANCES—NAMELY, HEATERS, TOASTERS, WAFFLE IRONS, IRONS, PERCOLATORS, COOKING STOVES; ELECTRIC LAMPS, ETC. LORNA WATCH CORPORATION, New York, N. Y.
Filed May 28, 1946. Serial No. 502,906. PUBLISHED DECEMBER 9, 1947. Class 21.

437,323. PORTABLE ELECTRIC FORCED AIR SPACE HEATERS. M. S. AVIATION CO., Minneapolis, Minn.
Filed July 5, 1946. Serial No. 505,114. PUBLISHED DECEMBER 16, 1947. Class 21.

437,324. SILK, RAYON, WOOLEN, COTTON, AND LINEN PIECE GOODS FOR THE MANUFACTURE OF NECKTIES. M. & W. THOMAS CO., New York, N. Y.
Filed July 16, 1946. Serial No. 505,706. PUBLISHED JULY 22, 1947. Class 42.

437,325. INSULATED COPPER CONDUCTORS COATED WITH A LEAD ALLOY FOR PROTECTING THE CONDUCTOR AGAINST SULPHUR AND SULPHUR ACID ATTACK. THE OKONITE COMPANY, Passaic, N. J.
Filed August 31, 1946. Serial No. 508,388. PUBLISHED JULY 1, 1947. Class 21.

437,326. SAFETY SWITCHES FOR LUMINOUS TUBE SIGNS, AND PARTS THEREOF. D. & R. MFG. CO., Kansas City, Mo., assignor to James W. Delaney, Kansas City, Mo.
Filed September 16, 1946. Serial No. 509,142. PUBLISHED DECEMBER 9, 1947. Class 21.

437,327. SLIDE FILM PROJECTORS, CABINETS THEREFOR AND COUNTER DISPLAY UNITS CONTAINING TRANSLUCENT SCREENS AND MECHANISM FOR PROJECTING FILMS THEREON. THE JAM HANDY ORGANIZATION, INC., Detroit, Mich.
Filed September 20, 1946. Serial No. 509,426. PUBLISHED DECEMBER 2, 1947. Class 26.

437,328. FOUNTAIN PENS AND MECHANICAL PENCILS. MAYS ASSOCIATES, INC., Providence, R. I.
Filed September 27, 1946. Serial No. 509,859. PUBLISHED DECEMBER 2, 1947. Class 37.

437,329. WOOLEN PIECE GOODS. BOTANY WORSTED MILLS, Passaic, N. J., now by change of name Botany Mills, Inc., a corporation of New Jersey.
Filed October 2, 1946. Serial No. 510,063. PUBLISHED DECEMBER 16, 1947. Class 42.

437,330. AIRCRAFT INSTRUMENTS FOR MEASURING ALTITUDE, ENGINE AIRSPEED, SPEED MANIFOLD PRESSURE, OIL PRESSURE, FUEL PRESSURE, HYDRAULIC SYSTEM PRESSURE, DEICING EQUIPMENT PRESSURE, ETC. UNITED STATES GAUGE DIVISION OF AMERICAN MACHINE AND METALS, INC., Sellersville, Pa.
Filed October 8, 1946. Serial No. 510,456. PUBLISHED DECEMBER 9, 1947. Class 26.

437,331. ELECTRIC HEATING PADS FOR NON-THERAPEUTIC USE. GEORGE C. TONG, St. Louis, Mo.
Filed October 18, 1946. Serial No. 511,118. PUBLISHED DECEMBER 9, 1947. Class 21.

437,332. ELECTRIC HOT WATER HEATERS. WELLMAN B. FORD, doing business as Ford Manufacturing Company, Mount Kisco, N. Y.
Filed October 28, 1946. Serial No. 511,605. PUBLISHED DECEMBER 16, 1947. Class 21.

437,333. BALL-POINTED FOUNTAIN PENS. UNIVERSAL FOUNTAIN PEN & PENCIL CO., New York, N. Y.
Filed November 7, 1946. Serial No. 512,218. PUBLISHED DECEMBER 9, 1947. Class 37.

437,334. DESK MEMORANDUM PADS, INDEXED PHONE ADDRESS PADS, CORRESPONDENCE PORTFOLIOS MADE OF PAPER, ETC. EVER-HANDY PRODUCTS COMPANY, Chicago, Ill.
Filed November 25, 1946. Serial No. 513,169. PUBLISHED DECEMBER 16, 1947. Class 37.

437,335. HEAT RESISTANT COVER CLOTH, USED ON PRESSING AND IRONING MACHINES AND SOLD AS PIECE GOODS. H. KOHNSTAMM & CO., INC., New York, N. Y.
Filed December 10, 1946. Serial No. 513,977. PUBLISHED DECEMBER 16, 1947. Class 42.

437,336. CREPE PAPER COSTUMES. UNIQUE COSTUME, INC., Washingtonville, N. Y.
Filed December 12, 1946. Serial No. 514,153. PUBLISHED NOVEMBER 18, 1947. Class 39.

437,337. WIRE, BOTH INSULATED AND NON-INSULATED, USED FOR ELECTRICAL PURPOSES. DRIVER-HARRIS COMPANY, Harrison, N. J.
Filed January 8, 1947. Serial No. 515,417. PUBLISHED DECEMBER 16, 1947. Class 21.

437,338. LOUDSPEAKERS. CARRONNEAU INDUSTRIES, Grand Rapids, Mich.
Filed January 10, 1947. Serial No. 515,536. PUBLISHED DECEMBER 16, 1947. Class 21.

437,339. SHELF PAPER AND LINING PAPER. THE PAPER CRAFT CORPORATION, Pittsburgh, Pa.
Filed January 23, 1947. Serial No. 516,212. PUBLISHED DECEMBER 2, 1947. Class 37.

437,340. FACIAL TISSUE PAPER. MINI-TISHU CO., New York, N. Y.
Filed January 24, 1947. Serial No. 516,301. PUBLISHED DECEMBER 2, 1947. Class 37.

437,341. WOOLEN PIECE GOODS. SOCIETY BRAND CLOTHES, INC., Chicago, Ill.
Filed February 15, 1947. Serial No. 517,595. PUBLISHED DECEMBER 9, 1947. Class 42.

437,342. ALBUMS. FAYE BURNS, New York, N. Y.
Filed Feb. 18, 1947. Serial No. 517,699. PUBLISHED DECEMBER 9, 1947. Class 37.

437,343. WRITING PAPER. BYRON WESTON COMPANY, Dalton, Mass.
Filed February 24, 1947. Serial No. 517,957. PUBLISHED DECEMBER 16, 1947. Class 37.

437,344. IDENTIFICATION TAG HOLDERS. ARTHUR D. COHN, doing business as Arcon Leather Products Mfg. Co., New York, N. Y.
Filed February 26, 1947. Serial No. 518,133. PUBLISHED DECEMBER 23, 1947. Class 3.

437,345. FOUNTAIN PENS, MECHANICAL PENCILS, AND WRITING PAPER. BRIAR STRATFORD COMPANY, Chicago, Ill.
Filed March 3, 1947. Serial No. 518,384. PUBLISHED DECEMBER 2, 1947. Class 37.

437,346. PIECE GOODS OF RAYON, COTTON, AND RAYON AND COTTON MIXTURE FABRICS. WILLIAM RIPKIN & SONS, Philadelphia, Pa.
Filed March 3, 1947. Serial No. 518,444. PUBLISHED DECEMBER 16, 1947. Class 42.

437,347. PIECE GOODS OF COTTON, WOOL, LINEN, RAYON, PROTEIN FIBERS, AND COMBINATIONS THEREOF. CONE EXPORT AND COMMISSION COMPANY, INC., New York, N. Y.
Filed March 13, 1947. Serial No. 518,939. PUBLISHED DECEMBER 16, 1947. Class 42.

437,348. PENS, PENCILS, FOUNTAIN PENS, MECHANICAL PENCILS, AND PARTS THEREOF. ILSE J. KESSLER, doing business as Eril Trading Company, New York, N. Y.
Filed March 18, 1947. Serial No. 519,197. PUBLISHED DECEMBER 9, 1947. Class 37.

437,349. FOUNTAIN PENS. STRATFORD PEN CORPORATION, New York, N. Y.
Filed March 29, 1947. Serial No. 519,841. PUBLISHED DECEMBER 9, 1947. Class 37.

437,350. RADIO RECEIVING SETS. SCOLAM TRADING CORP., New York, N. Y.
Filed April 1, 1947. Serial No. 519,987. PUBLISHED DECEMBER 9, 1947. Class 21.

437,351. PIECE GOODS OF SPUN NYLON AND NYLON BLENDED WITH WOOL, COTTON, RAYON, AND AZLON. NEWNAN COTTON MILLS, Newnan, Ga.
Filed April 3, 1947. Serial No. 520,114. PUBLISHED DECEMBER 16, 1947. Class 42.

437,352. TRANSCEIVERS FOR TRANSMITTING AND RECEIVING STILL PICTURES, FACSIMILES AND THE LIKE, RADIO TRANSMITTERS, RADIO RECEIVERS, AND COMPONENT PARTS OF EACH OF THE FOREGOING. PRESS WIRELESS MANUFACTURING CORPORATION, New York, N. Y.
Filed April 3, 1947. Serial No. 520,121. PUBLISHED DECEMBER 9, 1947. Class 21.

437,353. STATIONERY SUPPLIES—NAMELY, WRITING PAPER, ENVELOPES, PENS, PENCILS, AND ERASERS. WILLIAM LEICK, Jackson Heights, N. Y.
Filed April 5, 1947. Serial No. 520,223. PUBLISHED DECEMBER 16, 1947. Class 37.

437,354. WASHCLOTHS AND DISH CLOTHS. EUNICE SOPHIA SUTTON, Brooklyn, N. Y.
Filed April 5, 1947. Serial No. 520,238. PUBLISHED DECEMBER 16, 1947. Class 42.

437,355. RADIO RECEIVERS. ATLAS SUPPLY COMPANY, Newark, N. J.
Filed April 15, 1947. Serial No. 520,676. PUBLISHED DECEMBER 16, 1947. Class 21.

437,356. MAGNETIC CONTROLS FOR PRODUCING MECHANICAL MOVEMENTS FOR OPERATING ELECTRIC SWITCHES AND RELAYS, COAXIAL ANTENNA TRANSFER RELAYS, MIDGET RELAYS, SENSITIVE ELECTRIC RELAYS, KEYING RELAYS, ANTENNA TRANSFER RELAYS, OVERLOAD LATCHING RELAYS, GENERAL PURPOSE RELAYS, AND SHADED POLE ELECTRIC MOTORS. PRICE ELECTRIC CORPORATION, Frederick, Md.
Filed April 15, 1947. Serial No. 520,767. PUBLISHED DECEMBER 16, 1947. Class 21.

437,357. ELECTRIC MOTORS, ELECTRIC GENERATORS, MOTOR GENERATORS, ELECTRIC REGULATORS, AND ELECTRIC INVERTERS. THE LELAND ELECTRIC COMPANY, Dayton, Ohio.
Filed April 17, 1947. Serial No. 520,881. PUBLISHED DECEMBER 16, 1947. Class 21.

437,358. ELECTRIC VACUUM CLEANERS. MASURY-YOUNG COMPANY, Charlestown, Mass.
Filed April 18, 1947. Serial No. 520,956. PUBLISHED DECEMBER 9, 1947. Class 21.

437.359. MEMORANDUM PADS AND TELEPHONE INDEXES. HUGO A. GAENSLER, Merion, Pa.
Filed April 21, 1947. Serial No. 521,067. PUBLISHED DECEMBER 16, 1947. Class 37.

437,360. PORTABLE ELECTRIC WINCHES. ST. ANTHONY MACHINE PRODUCTS CO., Minneapolis, Minn.
Filed April 21, 1947. Serial No. 521,094. PUBLISHED DECEMBER 9, 1947. Class 21.

437,361. FOUNTAIN PENS. UNIVERSAL BALL-O-MATIC CORPORATION, Brooklyn, N. Y.
Filed April 22, 1947. Serial No. 521,161. PUBLISHED DECEMBER 9, 1947. Class 37.

437,362. FOUNTAIN PENS, MECHANICAL PENCILS, AND WRITING PAPER. BRIAR STRATFORD COMPANY, Chicago, Ill.
Filed April 25, 1947. Serial No. 521,319. PUBLISHED DECEMBER 9, 1947. Class 37.

437,363. RADIO RECEIVERS AND ELECTRICAL PHONOGRAPHS, SEPARATELY OR IN COMBINATION, AND ELECTRIC RANGES. AVCO MANUFACTURING CORPORATION, Detroit, Mich.
Filed May 1, 1947. Serial No. 521,626. PUBLISHED DECEMBER 9, 1947. Class 21.

437,364. TOWELS, AND FOR PIECE GOODS MADE OF COTTON, RAYON, WOOL, AND MIXTURES THEREOF. MOORESVILLE MILLS, Mooresville, N. C.
Filed May 12, 1947. Serial No. 522,241. PUBLISHED DECEMBER 16, 1947. Class 42.

437,365. TEXTILE FABRICS IN THE PIECE MADE OF SILK, RAYON AND A MIXTURE THEREOF. CONCORDIA-GALLIA CORPORATION, New York, N. Y., assignor, by mesne assignments, to Burlington Mills Corporation, Greensboro, N. C., a corporation of Delaware.
Filed May 21, 1947. Serial No. 522,770. PUBLISHED DECEMBER 16, 1947. Class 42.

437,366. ELECTRIC PHONOGRAPHS, AND RADIO AND PHONOGRAPH COMBINATIONS. BELL SOUND SYSTEMS, INC., Columbus, Ohio.
Filed May 22, 1947. Serial No. 522,821. PUBLISHED DECEMBER 9, 1947. Class 21.

437,367. WOOLEN TEXTILE PIECE GOODS. SCOTTISH CROFTER-WEAVERS LIMITED, Aberdeen, Scotland.
Filed May 28, 1947. Serial No. 523,227. PUBLISHED DECEMBER 16, 1947. Class 42.

437,368. TELEVISION RECEIVERS. AVCO MANUFACTURING CORPORATION, Detroit, Mich.
Filed June 20, 1947. Serial No. 524,517. PUBLISHED DECEMBER 9, 1947. Class 21.

437,369. WRITING PAPER. ECUSTA PAPER CORPORATION, Pisgah Forest, N. C.
Filed May 20, 1947. Serial No. 524,586. PUBLISHED DECEMBER 16, 1947. Class 37.

437,370. ELECTRON TUBES. ZENITH RADIO CORPORATION, Chicago, Ill.
Filed June 25, 1947. Serial No. 524,844. PUBLISHED DECEMBER 9, 1947. Class 21.

437,371. RADIO TUBE BASES, HANDLES FOR ELECTRICAL SWITCHES, AND HANDLE AND COVER PARTS FOR ELECTRICAL STOVES, PERCOLATORS, DECANTERS, TOASTERS, AND FLATIRONS, SAID ARTICLES BEING MADE OF MOLDED PLASTIC MATERIAL. NORTON LABORATORIES INC., Lockport, N. Y.
Filed June 26, 1947. Serial No. 524,885. PUBLISHED DECEMBER 9, 1947. Class 21.

437,372. BLANKETS MADE OF COTTON AND OF COTTON AND RAYON. PEPPERELL MANUFACTURING COMPANY, Boston, Mass.
Filed June 26, 1947. Serial No. 524,895. PUBLISHED DECEMBER 16, 1947. Class 42.

437,373. PILLOW COVERS, TABLECLOTHS, TABLECLOTH COVERS, VALANCES, SHELF EDGING, AND SHELVING, ALL MADE OF PLASTIC. NATIONAL CARBON COMPANY, INC., New York, N. Y.
Filed July 1, 1947. Serial No. 525,374. PUBLISHED DECEMBER 9, 1947. Class 42.

437,374. LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,002. PUBLISHED DECEMBER 2, 1947. Class 37.

437,375. PAPER TABLETS. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,003. PUBLISHED DECEMBER 2, 1947. Class 37.

437,376. PAPER TABLETS AND LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,007. PUBLISHED DECEMBER 2, 1947. Class 37.

437,377. PAPER TABLETS. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,008. PUBLISHED DECEMBER 2, 1947. Class 37.

437,378. PAPETERIES, I. E., STATIONERY COMPRISING ENVELOPES AND/OR PAPER EITHER FLAT OR FOLDED PUT UP IN BOXES, PORTFOLIOS, OR BANDED PACKAGES. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,010. PUBLISHED DECEMBER 2, 1947. Class 37.

437,379. PAPETERIES, I. E., STATIONERY COMPRISING ENVELOPES AND/OR PAPER EITHER FLAT OR FOLDED PUT UP IN BOXES, PORTFOLIOS, OR BANDED PACKAGES. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,014. PUBLISHED DECEMBER 2, 1947. Class 37.

437,380. PAPER TABLETS. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,016. PUBLISHED DECEMBER 2, 1947. Class 37.

437,381. PAPER TABLETS, AND PAPETERIES, I. E., STATIONERY COMPRISING ENVELOPES AND/OR PAPER EITHER FLAT OR FOLDED PUT UP IN BOXES, PORTFOLIOS, OR BANDED PACKAGES. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,018. PUBLISHED DECEMBER 2, 1947. Class 37.

437,382. PAPETERIES, I. E., STATIONERY COMPRISING ENVELOPES AND/OR PAPER EITHER FLAT OR FOLDED PUT UP IN BOXES, PORTFOLIOS, OR BANDED PACKAGES. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,025. PUBLISHED DECEMBER 9, 1947. Class 37.

437,383. LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,030. PUBLISHED DECEMBER 9, 1947. Class 37.

437,384. PAPETERIES, I. E., STATIONERY COMPRISING ENVELOPES AND/OR PAPER EITHER FLAT OR FOLDED PUT UP IN BOXES, PORTFOLIOS, OR BANDED PACKAGES. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,034. PUBLISHED DECEMBER 9, 1947. Class 37.

437,385. PAPER TABLETS, AND PAPETERIES, I. E., STATIONERY COMPRISING ENVELOPES AND/OR PAPER EITHER FLAT OR FOLDED PUT UP IN BOXES, PORTFOLIOS, OR BANDED PACKAGES. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,039. PUBLISHED DECEMBER 2, 1947. Class 37.

437,386. PAPER TABLETS. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,047. PUBLISHED DECEMBER 2, 1947. Class 37.

437,387. PAPER TABLETS. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,052. PUBLISHED DECEMBER 9, 1947. Class 37.

437,388. PAPETERIES, I. E., STATIONERY COMPRISING ENVELOPES AND/OR PAPER EITHER FLAT OR FOLDED PUT UP IN BOXES, PORTFOLIOS, OR BANDED PACKAGES. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,053. PUBLISHED DECEMBER 9, 1947. Class 37.

437,389. PAPER TABLETS, AND LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,054. PUBLISHED DECEMBER 9, 1947. Class 37.

437,390. PAPER TABLETS. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,056. PUBLISHED DECEMBER 9, 1947. Class 37.

437,391. PAPER TABLETS. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,063. PUBLISHED DECEMBER 9, 1947. Class 37.

437,392. PAPER TABLETS, AND LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,065. PUBLISHED DECEMBER 9, 1947. Class 37.

437,393. PAPER TABLETS. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,066. PUBLISHED DECEMBER 9, 1947. Class 37.

437,394. LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,073. PUBLISHED DECEMBER 9, 1947. Class 37.

437,395. LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED AND INDEX CARDS OR GUIDES. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,076. PUBLISHED DECEMBER 9, 1947. Class 37.

437,396. PAPER TABLETS; PAPETERIES, I. E., STATIONERY COMPRISING ENVELOPES AND/OR PAPER EITHER FLAT OR FOLDED PUT UP IN BOXES, PORTFOLIOS, OR BANDED PACKAGES; AND ENVELOPES. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,077. PUBLISHED DECEMBER 9, 1947. Class 37.

437,397. PAPER TABLETS. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,081. PUBLISHED DECEMBER 9, 1947. Class 37.

437,398. PAPER TABLETS AND ENVELOPES. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,099. PUBLISHED DECEMBER 2, 1947. Class 37.

437,399. PAPER TABLETS, AND PAPER PACKETS OR FOLDERS FOR LOOSE PAPER. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,106. PUBLISHED DECEMBER 2, 1947. Class 37.

437,400. PAPER TABLETS AND LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,153. PUBLISHED DECEMBER 16, 1947. Class 37.

437,401. PAPER TABLETS AND LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,154. PUBLISHED DECEMBER 16, 1947. Class 37.

437,402. PAPER TABLETS AND LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,155. PUBLISHED DECEMBER 16, 1947. Class 37.

ACT OF 1920

These registrations are not subject to opposition.

437,403. (CLASS 21. ELECTRICAL APPARATUS, MACHINES AND SUPPLIES.) MAGNUS BJORNDAL, doing business as Tech Laboratories, Jersey City, N. J. Filed Aug. 22, 1944. Serial No. 473,495.

TECH-LAB

FOR RADIO TRANSMITTING AND RECEIVING INSTRUMENTS AND PARTS—NAMELY, ATTENUATORS, FADERS, FIXED PADS, GAIN SETS, IMPEDANCE MATCHING NETWORKS, MULTI-VIBRATORS, OSCILLATORS, RHEOSTATS, POWER SUPPLY AMPLIFIERS, TAP SWITCHES, DECADE RESISTANCE BOXES, PRECISION RESISTORS, LINE EQUALIZERS, AND PHOTOELECTRIC RELAYS.
Claims use since beginning of the month of October 1933.

437,404. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) EGGERS FABRIC COMPANY, New York, N. Y. Filed July 2, 1945. Serial No. 485,334.

CADIZ

FOR COATED FABRICS IN THE NATURE OF ARTIFICIAL LEATHER.
Claims use since June 1, 1945.

437,405. (CLASS 21. ELECTRICAL APPARATUS, MACHINES AND SUPPLIES.) ROBERT M. OPISSO, doing business as The Rimac Company, New York, N. Y. Filed July 3, 1946. Serial No. 505,070.

Rimac

FOR RADIO RECEIVING SETS.
Claims use since November 1941.

437,406. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) GENERAL UTILITIES CORPORATION, Philadelphia, Pa. Filed July 12, 1946. Serial No. 505,492.

COUNTERFLOW 000

FOR FUEL OIL BURNING BOILERS, AND OIL FURNACES FOR HOME AND INDUSTRIAL HEATING APPARATUS.
Claims use since Apr. 10, 1946.

437,407. (CLASS 21. ELECTRICAL APPARATUS, MACHINES AND SUPPLIES.) SOLAR ELECTRIC CORPORATION, Warren, Pa. Filed July 12, 1946. Serial No. 505,940.

SOLAR
SCRU-IT

FOR ELECTRIC FIXTURE WIRE NUTS.
Claims use since June 15, 1945.

437,408. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) THOMAS N. LONG, doing business as Tulane Manufacturing Company, Columbus, Ohio. Filed Sept. 12, 1946. Serial No. 508,910.

Auto SCALD

FOR GAS-FIRED AUTOMATIC POULTRY SCALDING VATS.
Claims use since June 25, 1946.

437,409. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) SPECIALITIES APPLIANCE CORPORATION, Chicago, Ill. Filed Jan. 20, 1947. Serial No. 516,039.

Speciality DONUT

FOR COOKERS FOR THE COOKING AND PREPARING OF FOOD FRIED IN DEEP OIL OR FAT, USING GAS FUEL.
Claims use since Apr. 29, 1945.

437,410. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILLIAM R. WARNER & CO., INC., New York, N. Y. Filed May 8, 1947. Serial No. 522,068.

PITKIN MENSTRUUM

FOR VEHICLE OR SOLVENT FOR USE WITH AN INJECTABLE PHYSIOLOGICALLY ACTIVE AGENT TO FORM A THERAPEUTIC PREPARATION FOR PARENTERAL USE.
Claims use since March 1946.

437,411. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) WILLIAM WEBB ROBINSON, JR., Hollywood, Calif. Filed May 19, 1947. Serial No. 522,648.

[redacted]

FOR A MEDICAL INSTRUMENT WHICH IS AN ELECTRICAL DEVICE FOR ANALYZING HUMAN OR ANIMAL BLOOD TO OBTAIN INDICATIONS ASSISTING IN THE ESTIMATION OF THE KIND AND STRENGTH OF ATTENUATED DRUG FOR ADMINISTRATION ACCORDING TO THE PRINCIPLES OF HOMEOPATHIC MEDICINE.
Claims use since Oct. 27, 1942.

437,412. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) EAGLE-OTTAWA LEATHER COMPANY, Grand Haven, Mich. Filed May 22, 1947. Serial No. 522,818.

OTTAWA ELK

FOR LEATHER.
Claims use since June 1915.

ACT OF 1946, SUPPLEMENTAL REGISTER

These registrations are not subject to opposition.

500,009. (CLASS 41. CANES, PARASOLS, AND UMBRELLAS.) E-Z LOCK CORPORATION, New York, N. Y. Filed Aug. 21, 1947. Serial No. 508,900.

E-Z
LOCK

FOR UMBRELLA RUNNERS AND SHAFTS.
Claims use since Aug. 15, 1946.

500,010. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SATISH C. GHOSE, Chicago, Ill. Filed July 5, 1947. Serial No. 527,743.

VAPORINCENSE

FOR INCENSE.
Claims use since Mar. 1, 1932.

TRADE-MARK REGISTRATIONS RENEWED

31,292. "CARTER'S COMPOUND EXTRACT SMART WEED" ETC. AND DRAWING. Registered Feb. 22, 1898. The Brown Medicine Company, Erie, Pa. Renewed Feb. 22, 1948, to S. C. Wells & Co., Le Roy, N. Y., a corporation of New York. REMEDY FOR COLDS, THROAT AFFECTIONS, AND INTERNAL AND EXTERNAL PAINS. Class 6.

65,709. MANOR HOUSE. Registered Oct. 15, 1907. W. F. McLaughlin & Company, Chicago, Ill., a corporation of Illinois. Re-renewed Oct. 15, 1947. COFFEE. Class 46.

66,212. "CHANCE & HUNT LIMITED" ETC. AND REPRESENTATION OF A FORTRESS IN AN OVAL OUTLINE. Registered Nov. 19, 1907. Chance & Hunt, Ld., Oldbury, England. Re-renewed Nov. 19, 1947, to I. C. I. (General Chemicals) Limited, Slough, Buckinghamshire, England, a corporation organized under the laws of the Kingdom of Great Britain and Northern Ireland. CAUSTIC SODA. Class 6.

66,367. "THOMAS F. LAUBACH" AND PORTRAIT. Registered Nov. 26, 1907. Thomas F. Laubach, New York, N. Y. Re-renewed Nov. 26, 1947, to Laubach Proprietary Medicines, Jersey City, N. J., a corporation of New Jersey. PILLS, TONICS, SALVES, LINIMENTS, COUGH REMEDIES, AND LOTIONS. Class 6.

66,997. DICTAPHONE. Registered Jan. 7, 1908. Columbia Phonograph Company, General, New York, N. Y. Re-renewed Jan. 7, 1948, to Dictaphone Corporation, Bridgeport, Conn., a corporation of New York. GRAPHOPHONES. Class 36.

67,010. BAR HEAD DESIGN. Registered Jan. 14, 1908. The Capewell Horse Nail Company. Re-renewed Jan. 14, 1948, to The Capewell Manufacturing Company, Hartford, Conn., a corporation of Connecticut. HORSE-SHOE-NAILS. Class 13.

67,170. ATLAS. Registered Jan. 21, 1908. The Woolson Spice Company, Toledo, Ohio, a corporation of Ohio. Re-renewed Jan. 21, 1948. SPICES. Class 46.

67,572. GALAPETER. Registered Feb. 11, 1908. Société Generale Suisse de Chocolats, Vevey, Switzerland. Renewed Feb. 11, 1948, to Lamont, Corliss & Company, New York, N. Y., a corporation of New York. CHOCOLATE. Class 46.

67,784. I. P. HYDE. Registered Feb. 18, 1908. Hyde Manufacturing Company, Southbridge, Mass., a corporation of Massachusetts. Re-renewed Feb. 18, 1948. EXTENSION-BLADES FOR USE IN LEATHER, RUBBER, AND CLOTH CUTTING AND IN BOOKBINDING, SHOE-KNIVES, AND OTHER NAMED CUTLERY AND EDGE TOOLS. Class 23.

67,989. ALTA VISTA. Registered Mar. 3, 1908. Alta Vista Creamery Company, Fort Worth, Tex., a corporation of Texas. Re-renewed Mar. 3, 1948. ICE-CREAM, ICES, SHERBETS, AND FROZEN CUSTARDS. Class 46.

68,150. "LEA & PERRINS" ETC. AND DESIGN. Registered Mar. 10, 1908. Lea & Perrins, Worcester, England. Re-renewed Mar. 10, 1948, to Lea & Perrins, Inc., New York, N. Y., a corporation of New York. A SAUCE. Class 46.

68,209. "P" ENCLOSED BY A CIRCLE. Registered Mar. 17, 1908. The Peters Cartridge Company, Cincinnati, Ohio. Re-renewed Mar. 17, 1948, to Remington Arms Company, Inc., Bridgeport, Conn., a corporation of Delaware. AMMUNITION, COMPRISING CARTRIDGES, POWDER, PRIMERS, CAPS, LOADED SHOTGUN SHELLS. Class 9.

68,490. SOLITAIRE. Registered Apr. 14, 1908. The C. S. Morey Mercantile Company. Re-renewed Apr. 14, 1948, to The Morey Mercantile Company, Denver, Colo., a corporation of Colorado. TEA. Class 46.

68,556. RENDITE. Registered Apr. 14, 1908. The Potts Powder Company, Reynolds, Pa., and New York, N. Y. Re-renewed Apr. 14, 1948, to Atlas Powder Company, Wilmington, Del., a corporation of Delaware. GELATIN DYNAMITE. Class 9.

68,642. SOLITAIRE. Registered Apr. 21, 1908. The C. S. Morey Mercantile Company. Re-renewed Apr. 21, 1948, to The Morey Mercantile Company, Denver, Colo., a corporation of Colorado. SPICES. Class 46.

68,673. ELESCO. Registered Apr. 21, 1908. Levi Strauss & Company, San Francisco, Calif., a corporation of California. Re-renewed Apr. 21, 1948. DRESS-SHIRTS, OVERSHIRTS, NIGHTSHIRTS, PAJAMAS, GLOVES, COLLARS, CUFFS, SWEATERS, UNDERWEAR, CARDIGAN JACKETS, AND HOSIERY. Class 39.

68,785. "MALTESE CROSS" AND REPRESENTATION OF MALTESE CROSS. Registered Apr. 28, 1908. Willis Pike. Re-renewed Apr. 28, 1948, to Sun-Maid Raisin Growers of California, Fresno, Calif., a cooperative association of California. RAISINS AND DRIED FRUITS. Class 46.

68,934. "ANCHOR" AND REPRESENTATION OF ANCHOR. Registered May 5, 1908. Friedrich Adolf Richter, New York, N. Y., and Rudolstadt, Germany. Re-renewed May 5, 1948, to F. Ad. Richter & Co. Inc., Brooklyn, N. Y., a corporation of New York. EMBROCATION PREPARATIONS, EXTRACTS OF SARSAPARILLA, STOMACHIC TINCTURES, PILLS, BITTERS, LOZENGES, AND PASTILS. Class 6.

69,053. "WILBUR", AND REPRESENTATION OF CUPID AND CUP. Registered May 19, 1908. H. O. Wilbur & Sons, Philadelphia, Pa. Re-renewed May 19, 1948, to Wilbur-Suchard Chocolate Company, Inc., Lititz, Pa., a corporation of Pennsylvania. CHOCOLATE AND COCOA. Class 46.

144,982. ACHESON. Registered July 19, 1921. Acheson Graphite Company, Niagara Falls, N. Y. Renewed Jan. 5, 1948 (Supplemental Register), to National Carbon Company, Inc., New York, N. Y., a corporation of New York. ELECTRODES, ANODES, AND CARBON BRUSHES. Class 21.

157,846. OVAL ETIQUETTE WITH A MALTESE CROSS ON RED BACKGROUND. Registered Aug. 22, 1922. Aktieselskabet de Danske Spritfabrikker, Copenhagen, Denmark, a corporation organized under the laws of the Kingdom of Denmark. Renewed Aug. 22, 1942 (as provided by P. L. 517, July 17, 1946). SPIRITOUS LIQUORS—THAT IS TO SAY, WINE, WHISKY, BRANDY, ETHYL ALCOHOL, AND LEES USED IN THE MANUFACTURE OF DISTILLED LIQUORS. Class 49.

173,139. BERGAN. Registered Sept. 18, 1923. Sverre Young, Christiania, Norway. Renewed Sept. 18, 1943 (as provided by P. L. 517, July 17, 1946), to Sverre Young, Oslo, Norway. KNAPSACKS, BAGGAGE AND LUGGAGE DEVICES, AND SUPPORTING EQUIPMENT THEREFOR. Class 3.

173,141. REPRESENTATION OF TWO MEN. Registered Sept. 18, 1923. Sverre Young, Christiania, Norway. Renewed Sept. 18, 1943 (as provided by P. L. 517, July 17, 1946), to Sverre Young, Oslo, Norway. KNAPSACKS, BAGGAGE AND LUGGAGE DEVICES, AND SUPPORTING EQUIPMENT THEREFOR. Class 3.

182,557. OVAL DESIGN WITH A CROSS. Registered Apr. 15, 1924. Aktieselskabet de Danske Spritfabrikker, Copenhagen, Denmark, a corporation organized under the laws of the Kingdom of Denmark. Renewed Apr. 15, 1944 (as provided by P. L. 517, July 17, 1946). LEES AND FRESH YEAST USED FOR FOOD PURPOSES. Class 46.

189,171. "FREIA" AND DRAWING. Registered Sept 16, 1924. Aktieselskabet Freia Chocolade Fabrik, Christiania, Norway. Renewed Sept. 16, 1944 (as provided by P. L. 517, July 17, 1946), to Aktieselskabet Freia Chocolade Fabrik, Oslo, Norway, a joint stock company registered under the laws of the Kingdom of Norway CANDIES AND CHOCOLATES. Class 46.

196,920. OPAL. Registered Mar. 31, 1925. Heberlein & Co., A. G., Wattwil, Switzerland, a corporation of Switzerland. Renewed Mar. 31, 1945 (as provided by P. L. 517, July 17, 1946). SOFT-FINISH FABRICS OF COTTON IN THE PIECE USED FOR THE MANUFACTURE OF WEARING APPAREL, SUCH AS DRESSES, UNDERCLOTHING, AND THE LIKE. Class 42.

219,242. REPRESENTATION OF A ROOSTER PERCHED ON A HAND. Registered Oct. 12, 1926. Charles W. Hancock. Renewed Oct. 12, 1946, to The Coordinative Medicines Association, Inc., Indianapolis, Ind., a non-profit cooperative association under the laws of the State of Florida. MEDICINES FOR DISEASES OF THE KIDNEYS AND LIVER. Class 6.

226,426. SHEAFFER'S. Registered Apr. 5, 1927. W. A. Sheaffer Pen Company, Fort Madison, Iowa, a corporation of Delaware. Renewed Jan. 5, 1948 (Supplemental Register). PENS, PENCILS AND DESK STANDS. Class 37.

231,409. FURMANITE. Registered Aug. 16, 1927. The Furmanite Corporation, Newport News, Va. Renewed Aug. 16, 1947, to The Furmanite Company, Norfolk, Va., a firm. PLASTIC LEAK-SEALING COMPOUND. Class 12.

231,636. NICKEL DESSERT. Registered Aug. 23, 1927. Planters Nut & Chocolate Co., Wilkes-Barre, Pa., Suffolk, Va., and San Francisco, Calif. Renewed Aug. 23, 1947, to Planters Nut & Chocolate Co., Wilkes-Barre, Pa., a corporation of Pennsylvania. CANDY. Class 46.

231,853. "TROPHY" ETC. AND REPRESENTATION OF TROPHY IN RECTANGULAR DESIGN LINED TO INDICATE BLUE. Registered Aug. 30, 1927. Jacob P. Segelman & Company, Detroit, Mich. Renewed Aug. 30, 1947, to Gillette Safety Razor Company, Boston, Mass., a corporation of Delaware. RAZOR BLADES. Class 23.

232,149. FURMANITE. Registered Sept. 6, 1927. The Furmanite Corporation, Newport News, Va. Renewed Sept. 6, 1947, to The Furmanite Company, Norfolk, Va., a firm. EQUIPMENT FOR SEALING LEAKS IN METAL CONTAINERS. Class 23.

233,721. "HARRISON'S" ETC. AND DRAWING LINED FOR ORANGE. Registered Oct. 11, 1927. Monroe Harrison, Chicago, Ill. Renewed Oct. 11, 1947. NONALCOHOLIC, MALTLESS BEVERAGE SOLD AS A SOFT DRINK. Class 45.

235,317. "DUBL DUCK" AND DESIGN OF TWO DUCKS. Registered Nov. 15, 1927. Carl S. Bresnick. Renewed Nov. 15, 1947, to Pearlduck, Inc., New York, N. Y., a corporation of New York. ALL MANNER AND KINDS OF RAZORS, SHEARS, SCISSORS, KNIVES OF BASE METAL, AND HAIR CLIPPERS. Class 23.

235,568. SO-LITE. Registered Nov. 22, 1927. United States Rubber Company, New Brunswick, N. J., and New York, N. Y. Renewed Nov. 22, 1947, to United States Rubber Company, New York, N. Y., a corporation of New Jersey. BOOTS AND SHOES OF RUBBER OR RUBBER AND FABRIC. Class 39.

235,605. NONOX. Registered Nov. 22, 1927. British Dyestuffs Corporation, Ltd., Blackley, Manchester, England. Renewed Nov. 22, 1947, to Imperial Chemical Industries, Limited, Slough, Buckinghamshire, England, a corporation organized under the laws of the Kingdom of Great Britain and Northern Ireland. CHEMICAL SUBSTANCES USED IN THE MANUFACTURE OF INDIA RUBBER TO PREVENT OXIDATION. Class 6.

235,744. "POINSETTIA" AND REPRESENTATION OF POINSETTIA. Registered Nov. 22, 1927. Sun-Maid Raisin Growers of California, Fresno, Calif., a cooperative association of California. Renewed Nov. 22, 1947. DRIED RAISINS. Class 46.

235,747. CONTINUOUS. Registered Nov. 22, 1927. American Sales Book Company, Limited, Toronto, Ontario, Canada, Niagara Falls and Elmira, N. Y. Renewed Nov. 22, 1947, to Moore Business Forms, Inc., Elmira and Niagara Falls, N. Y., a corporation of Delaware. PAPER SHEETS, STRIPS, AND ROLLS SUITABLE FOR MANIFOLDING USE; PRINTED FORMS FOR ALL KINDS OF BUSINESS TRANSACTIONS AND OTHER NAMED PAPER AND STATIONERY ITEMS. Class 37.

235,773. CARAMEX. Registered Nov. 22, 1927. Wallerstein Company, Inc., New York, N. Y., a corporation of New York. Renewed Nov. 22, 1947. CARAMEL SUGAR COLOR. Class 6.

236,007. AUTO-KLEAN. Registered Nov. 29, 1927. Auto-Klean Strainers, Limited, London, England. Renewed Nov. 29, 1947, to The Cuno Engineering Corporation, Meriden, Conn., a corporation of Connecticut. MECHANICAL LIQUID STRAINING AND FILTERING APPARATUS. Class 23.

236,014. "RATTLE CAP" ETC. AND CIRCULAR DESIGN. Registered Nov. 29, 1927. Johnson, Carvell and Murphy, Los Angeles, Calif., a corporation of California. Renewed Nov. 29, 1947. ANT PASTE. Class 6.

236,413. HI-KO. Registered Dec. 13, 1927. Hillyard Chemical Company, St. Joseph, Mo., a corporation of Missouri. Renewed Dec. 13, 1947. DISINFECTANT. Class 6.

236,478. "BRILLO" ETC. AND REPRESENTATION OF CARTOON LINING OF WHICH INDICATES RED AND GREEN. Registered Dec. 13, 1927. Brillo Manufacturing Company, Inc., Brooklyn, N. Y., a corporation of New York. Renewed Dec. 13, 1947. SOAPS, CLEANING, SCOURING, AND POLISHING WADS, AND OTHER NAMED POLISHING MATERIALS. Class 4.

236,488. DICTAGRAM. Registered Dec. 13, 1927. Dictaphone Corporation, Bridgeport, Conn., a corporation of New York. Renewed Dec. 13, 1947. MEMORANDUM PADS. Class 37.

236,872. NELVIAN. Registered Dec. 27, 1927. Vivian Ragland and Company, Philadelphia, Pa., a firm. Renewed Dec. 27, 1947. HAIRDRESSING AND PREPARATION TO PROMOTE THE GROWTH OF HAIR. Class 6.

236,953. "CONTINUOUS INTERFOLDED" WITH DESIGN. Registered Dec. 27, 1927. American Sales Book Company, Limited, Toronto, Ontario, Canada, Niagara Falls and Elmira, N. Y. Renewed Dec. 27, 1947, to Moore Business Forms, Inc., Elmira and Niagara Falls, N. Y., a corporation of Delaware. PAPER SHEETS, STRIPS, ROLLS, PADS, AND THE LIKE SUITABLE FOR MANIFOLDING USE, PRINTED FORMS FOR ALL KINDS OF BUSINESS TRANSACTIONS, AND OTHER NAMED PAPER AND STATIONERY ITEMS. Class 37.

237,233. HAPPY JACK. Registered Jan. 3, 1928. The E. V. Benjamin Company, Inc., doing business as Maginnis Cotton Mills, New Orleans, La. Renewed Jan. 3, 1948, to Washington Manufacturing Company, Nashville, Tenn., a corporation of Tennessee. MEN'S, BOYS', AND CHILDREN'S GARMENTS—NAMELY, WORK SHIRTS, OVERALLS, AND OTHER ARTICLES OF CLOTHING. Class 39.

237,260. "FLIGHT" ETC. AND DESIGN. Registered Jan. 3, 1928. Standard Oil Company of California, Wilmington, Del., and San Francisco, Calif. Renewed Jan. 3, 1948, to Standard Oil Company of California, San Francisco, Calif., a corporation of Delaware. GASOLINE. Class 15.

238,253. HILCO. Registered Jan. 31, 1928. Hillyard Chemical Company, St. Joseph, Mo., a corporation of Missouri. Renewed Jan. 31, 1948. INSECTICIDES. Class 6.

238,624. "JEMCO" AND DESIGN. Registered Feb. 14, 1928. Jordan Marsh Company, Boston, Mass., a corporation of Massachusetts. Renewed Feb. 14, 1948. SATEEN BLANKET BINDING. Class 40.

238,735. BUCK CREEK FLANNELS. Registered Feb. 14, 1928. Buck Creek Cotton Mills, Inc., Siluria, Ala., a corporation of Alabama. Renewed Feb. 14, 1948. COTTON FLANNELS AND WOVEN COTTON NAPPED GOODS IN THE PIECE. Class 42.

238,807. BIJOU. Registered Feb. 14, 1928. Henry Siedenburg. Renewed Feb. 14, 1948, to Bijou Hosiery Mills, Inc., New York, N. Y., a corporation of Pennsylvania. HOSIERY, Class 39.

239,041. 3 VVV 3. Registered Feb. 21, 1928. C. C. Swan, Kansas City, Mo. Renewed Feb. 21, 1947. PREPARATION FOR USE IN TREATING STOMACH AND LIVER TROUBLES. Class 6.

239,494. U—SEE. Registered Mar. 6, 1928. Roy Baldwin, doing business as Baldwin's Extract & Flavor Co., Columbus, Ohio. Renewed Mar. 6, 1948. NONALCOHOLIC, MALTLESS BEVERAGES AND EXTRACTS OR SYRUPS FOR PRODUCING THE SAME. Class 45.

239,739. FORMART. Registered Mar. 13, 1928. The Denver Fire Clay Company, Denver, Colo., a corporation of Delaware. Renewed Mar. 13, 1948. PREPARED CLAY FOR USE IN MODELING AND ART WORK. Class 1.

239,740. LATITE. Registered Mar. 13, 1928. The Denver Fire Clay Company, Denver, Colo., a corporation of Delaware. Renewed Mar. 13, 1948. REFRACTORY CEMENT OR MORTAR FOR USE IN THE BUILDING OF FURNACES AND OTHER NAMED CONSTRUCTION MATERIALS. Class 12.

240,656. HIFIRE. Registered Apr. 3, 1928. The Denver Fire Clay Company, Denver, Colo., a corporation of Delaware. Renewed Apr. 3, 1948. FIRE BRICK AND FIRE CLAY TILE AND HIGH-TEMPERATURE CEMENT OR MORTAR. Class 12.

240,709. "BEST FOODS FANNING'S" ETC. AND DESIGN. Registered Apr. 3, 1928. Fanning Bread and Butter Pickle Company, Inc., New York, N. Y., and Streator, Ill. Renewed Apr. 3, 1948, to The Best Foods, Inc., New York, N. Y., a corporation of New Jersey. PICKLES. Class 46.

240,711. IBEX. Registered Apr. 3, 1928. The Denver Fire Clay Company, Denver, Colo., a corporation of Delaware. Renewed Apr. 3, 1948. FIRE BRICK AND FIRE-CLAY TILE. Class 12.

240,712. CHAMPA. Registered Apr. 3, 1928. The Denver Fire Clay Company, Denver, Colo., a corporation of Delaware. Renewed Apr. 3, 1948. FIRE BRICK AND FIRE-CLAY TILE. Class 12.

240,974. G D MONOGRAM. Registered Apr. 10, 1928. Gardner-Denver Company, Denver, Colo., a corporation of Delaware. Renewed Apr. 10, 1948. DRILL BITS; DRILL SHARPENERS, PNEUMATIC AND MANUAL OPERATED; DRILL RETAINERS AND OTHER NAMED CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF. Class 23.

241,026. BELLODGIA. Registered Apr. 17, 1928. E. Daltroff & Cie., doing business as Parfumerie Caron, Paris, France. Renewed Apr. 17, 1948, to Caron Corporation, New York, N. Y., a corporation of New York. PASTES AND POWDERS FOR BEAUTIFYING AND PRESERVING THE TEETH, SKIN, AND HAIR, AND PERFUMERY. Class 6.

241,206. THERMO. Registered Apr. 17, 1928. Thermo Mills, Inc., Hudson, N. Y. Renewed Apr. 17, 1948, to Worcester Knitting Company, Worcester, Mass., a corporation of Massachusetts. MEN'S, WOMEN'S, AND CHILDREN'S GLOVES OF WOOL, COTTON, RAYON, OR SILK OR COMBINATIONS THEREOF, STOCKINGS, SOCKS, AND OTHER NAMED ARTICLES OF CLOTHING. Class 39.

241,219. WEATHERLY CLOTH. Registered Apr. 17, 1928. Rosenberg Brothers & Co. Renewed Apr. 17, 1948, to Fashion Park, Inc., Rochester, N. Y., a corporation of New York. MEN'S AND BOYS' COATS, PANTS, VESTS, AND OVERCOATS. Class 39.

241,695. "JOHNSON'S PREPARED WAX" ETC. AND RECTANGULAR DESIGN. Registered May 8, 1928. S. C. Johnson & Son. Renewed May 8, 1948, to S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin. PREPARED WAX IN PASTE, POWDERED, OR LIQUID FORM. Class 16.

241,743. SALTER'S DENTAL FLOSS. Registered May 8,1928. Belding Heminway Company, New York, N. Y., a corporation of Connecticut. Renewed May 8, 1948. DENTAL FLOSS. Class 44.

241,753. SPUR. Registered May 8, 1928. Hewes & Potter, Inc., Boston, Mass., a corporation of Massachusetts. Renewed May 8, 1948. SUSPENDERS. Class 39.

241,763. U R MONOGRAM. Registered May 8, 1928. Untermeyer, Robbins & Company, New York, N. Y., a corporation of New York. Renewed May 8, 1948. FINGER RINGS. Class 28.

241,803. SPUR. Registered May 8, 1928. Hewes & Potter, Inc., Boston, Mass., a corporation of Massachusetts. Renewed May 8, 1948. GARTERS. Class 39.

242,080. NATIONAL GEOGRAPHIC SOCIETY. Registered May 15, 1928. National Geographic Society, Washington, D. C., a corporation of the District of Columbia. Renewed May 15, 1948. PERIODICAL PUBLICATIONS. Class 38.

242,365. NATIONAL CASH REGISTER. Registered May 22, 1928. The National Cash Register Company, Dayton, Ohio, a corporation of Maryland. Renewed May 22, 1948. CASH AND CREDIT REGISTERING APPARATUS AND THEIR PARTS, WITH OR WITHOUT RECORDING MECHANISM, INDICATING MECHANISM, AND CASH DRAWERS, FOR REGISTERING, ACCOUNTING, AND CALCULATING. Class 26.

242,820. ROYSTON. Registered June 5, 1928. Stix, Baer & Fuller Co., St. Louis, Mo., a corporation of Missouri. Renewed June 5, 1948. MEN'S AND BOYS' WEARING APPAREL—NAMELY, SUITS, TOPCOATS, OVERCOATS, FELT AND STRAW HATS, CAPS; KID, LEATHER, SILK, WOOL, AND COTTON GLOVES; AND OTHER NAMED ARTICLES OF CLOTHING. Class 39.

TRADE-MARK REGISTRATIONS AMENDED, SURRENDERED, DISCLAIMED, CORRECTED, ETC.

230,677. "BLUE BIRD TOOLS" DRAWING AND LINING INDICATES RED. Registered Aug. 2, 1927. Bergman Tool Mfg. Co., Buffalo, N. Y. TOOLS—VIZ., TINNERS' SNIPS AND HAND SHEARS. Class 23. Corrected as follows: In the renewal certificate, lines 1 and 2, for "Bergman Tool Mfg. Co., of Buffalo, New York, a firm," read *Bergman Tool Mfg. Co., Inc., of Buffalo, New York, a corporation of New York, which has made a showing of ownership of the trade-mark originally registered to Bergman Tool Mfg. Co.*

249,320, PACO. Registered Nov. 13, 1928. Publicker Incorporated, Philadelphia, Pa. ETHYL ACETATE, BUTYL ACETATE, AMYL ACETATE, ETC., Class 6. Corrected as follows: In the certificate, lines 2 and 16, for "Publiker Incorporated" read *Publicker, Inc.*; in the heading to the statement, in the statement, line 1, and in the printed signature to the statement, for "Publicker Incorporated" read *Publicker, Inc.*; in the certificate, line 4, and in the statement, lines 3 and 4, for "State of Pennsylvania" read *State of Delaware.*

434,395. CUPRUNDECYN. Registered Nov. 18, 1947. Wallace & Tiernan Products, Inc., Belleville, N. J. OINTMENTS HAVING ANTIMYCOTIC OR FUNGICIDAL PROPERTIES. Class 6. Corrected as follows: In the signature to the statement, name of secretary, for "Gerald T. Peet" read *Gerald D. Peet.*

TRADE-MARK REGISTRATIONS REPUBLISHED

The following marks registered under the act of 1905, or the act of 1881, are published under the provisions of section 12(c) of the Trade-Mark Act of 1946. These registrations are not subject to opposition but are subject to cancellation under section 14 of the act of 1946.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Reg. No. 277,710. Registered Nov. 25, 1930. A. C. OCHS BRICK & TILE CO., Springfield, Minn., a corporation of Minnesota. Republished by registrant, present location Minneapolis, Minn.

CEM-MIX

The word "Mix" is disclaimed.
FOR DIATOMACEOUS EARTH, A MATERIAL FOR STRENGTHENING AND WATERPROOFING CONCRETE, MORTAR, PLASTER, AND STUCCO MIXTURES.
Claims use since Mar. 10, 1930.

Reg. No. 301,371. Registered Feb. 28, 1933. THE AMERICAN OAK LEATHER COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

Am O Flex

FOR SOLE LEATHER.
Claims use since June 27, 1925.

Reg. No. 304,100. Registered June 20, 1933. NORTHRUP, KING & Co., Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

KINGSCROST

FOR FIELD CORN SEED AND SWEET CORN SEED.
Claims use since Mar. 25, 1932.

Reg. No. 320,406. Registered Dec. 25, 1934. E. CLEMENS HORST CO., San Francisco, Calif., a corporation of New Jersey. Republished by registrant.

VALLEY

FOR HOPS.
Claims use since Apr. 1, 1887.

Reg. No. 330,019. Registered Nov. 19, 1935. GEORGE O. JENKINS COMPANY, Bridgewater, Mass., a corporation of Massachusetts. Republished by registrant.

SPECTRO

FOR FIBER-BOARD OR LEATHERBOARD FOR USE IN MAKING BUILT-UP HEELS FOR SHOES.
Claims use since July 15, 1935.

Reg. No. 331,745. Registered Jan. 21, 1936. RED JACKET COAL COMPANY, Columbus, Ohio. Republished by Red Jacket Coal Sales Company, Columbus, Ohio, a corporation of Delaware.

RED INDIAN

FOR COAL.
Claims use since Jan. 1, 1929.

Reg. No. 332,304. Registered Feb. 11, 1936. RED JACKET COAL COMPANY, Columbus, Ohio. Republished by Red Jacket Coal Sales Company, Columbus, Ohio, a corporation of Delaware.



The word "Smokeless" is disclaimed.
FOR COAL.
Claims use since July 5, 1935.

Reg. No. 339,562. Registered Oct. 13, 1936. I. F. LAUCKS, INC., Seattle, Wash. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.

LAUXITE

FOR SYNTHETIC RESINS.
Claims use since Mar. 7, 1936.

Reg. No. 344,420. Registered Mar. 23, 1937. RED JACKET COAL SALES COMPANY, Columbus, Ohio, a corporation of Delaware. Republished by registrant.



The word "Smokeless" is disclaimed.
FOR COAL.
Claims use since Sept. 1, 1936.

CLASS 2

RECEPTACLES

Reg. No. 322,767. Registered Mar. 19, 1935. THE MASON BOX COMPANY, Attleboro Falls, Mass., a corporation of Massachusetts. Republished by registrant.

MAILMASTER

FOR PAPER, PAPER BOARD, BOX BOARD, AND FIBER SHIPPING CARTONS AND BOXES.
Claims use since Sept. 1, 1934.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Reg. No. 296,886. Registered Aug. 23, 1932. HARTMANN TRUNK COMPANY, Racine, Wis. Republished by Hartmann Company, Racine, Wis., a corporation of Wisconsin.

SKY-ROBE

FOR SUITCASES, HAT BOXES FOR LUGGAGE PURPOSES, AND WARDROBE HAND LUGGAGE.
Claims use since Feb. 2, 1932.

Reg. No. 329,965. Registered Nov. 19, 1935. HARTMANN TRUNK COMPANY, Racine, Wis. Republished by Hartmann Company, Racine, Wis., a corporation of Wisconsin.

BONDSTREETER

FOR SUITCASES AND WARDROBE HAND LUGGAGE.
Claims use since Apr. 30, 1935.

Reg. No. 331,795. Registered Jan. 21, 1936. JAY J. SINDLER, Malden, Mass. Republished by Spir-It, Inc., Malden, Mass., a corporation of Massachusetts.

KEY—TEE

The word "Key" is disclaimed.
FOR KEY RETAINERS MADE OF RUBBER OR OTHER RESILIENT MATERIAL.
Claims use since Aug. 20, 1935.

Reg. No. 333,370. Registered Mar. 17, 1936. HARTMANN TRUNK COMPANY, Racine, Wis. Republished by Hartmann Company, Racine, Wis., a corporation of Wisconsin.

CONTINENTAL

FOR SUITCASES, TRUNKS, LUGGAGE CARRIERS, HAT BOXES FOR LUGGAGE PURPOSES, AND WARDROBE HAND LUGGAGE.
Claims use since Apr. 18, 1934.

Reg. No. 333,400. Registered Mar. 17, 1936. HARTMANN TRUNK COMPANY, Racine, Wis. Republished by Hartmann Company, Racine, Wis., a corporation of Wisconsin.

REGIMENTAL

FOR SUITCASES, TRUNKS, LUGGAGE CARRIERS, HAT BOXES FOR LUGGAGE PURPOSES, AND WARDROBE HAND LUGGAGE.
Claims use since Oct. 18, 1935.

Reg. No. 333,402. Registered Mar. 17, 1936. HARTMANN TRUNK COMPANY, Racine, Wis. Republished by Hartmann Company, Racine, Wis., a corporation of Wisconsin.

TRIPROBE

FOR SUITCASES, HAT BOXES FOR LUGGAGE PURPOSES, AND WARDROBE HAND LUGGAGE.
Claims use since May 10, 1928.

Reg. No. 343,180. Registered Feb. 9, 1937. HARTMANN TRUNK COMPANY, Racine, Wis. Republished by Hartmann Company, Racine, Wis., a corporation of Wisconsin.

KNOCABOUT

FOR SUITCASES, LUGGAGE CARRIERS, AND WARDROBE HAND LUGGAGE.
Claims use since Oct. 1, 1936.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Reg. No. 252,095. Registered Jan. 22, 1929. KATHERINE M. RISCH, St. Louis, Mo. Republished by registrant.



FOR CLEANING FLUID USED IN DRY CLEANING.
Claims use since on or about June 15, 1928.

Reg. No. 279,221. Registered Jan. 13, 1931. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

"GLUV-NU"

FOR LIQUID GLOVE-CLEANING SOAP.
Claims use since July 20, 1929.

Reg. No. 279,289. Registered Jan. 13, 1931. AMERICAN DISINFECTING COMPANY, Sedalia, Mo. Republished by Adco, Inc., Sedalia, Mo., a corporation of Missouri



The word "Spots" is disclaimed.
FOR LIQUID SOAP SOLUBLE IN GASOLINE.
Claims use since July 1, 1930.

Reg. No. 295,142. Registered June 21, 1932. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

PENNANT

FOR DRY CLEANING SOAP.
Claims use since Dec. 1, 1931.

Reg. No. 295,143. Registered June 21, 1932. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

TRI-KLOR-SOL

FOR LIQUID DRY CLEANING SOAP.
Claims use since Dec. 1, 1931.

Reg. No. 295,144. Registered June 21, 1932. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

ZOR-O-SOL

FOR LIQUID DRY CLEANING SOAP.
Claims use since Dec. 1, 1931.

Reg. No. 301,520. Registered Mar. 7, 1933. AMERICAN DISINFECTING COMPANY, Sedalia, Mo. Republished by Adco, Inc., Sedalia, Mo., a corporation of Missouri.

DRI-SHEEN

FOR DETERGENTS FOR USE IN DRY-CLEANING.
Claims use since Oct. 10, 1932.

Reg. No. 326,653. Registered July 30, 1935. CARMAN & CO. INC., New York, N. Y. Republished by The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio.

THREADS

FOR SOAP.
Claims use since Feb. 17, 1933.

Reg. No. 333,553. Registered Mar. 24, 1936. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

KLOR-LENE

FOR LIQUID SPOTTING SOLUTION FOR USE IN DRY CLEANING.
Claims use since July 15, 1935.

Reg. No. 338,614. Registered Sept. 8, 1936. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.



FOR TOILET AND BATH SOAP.
Claims use since Apr. 5, 1932.

Reg. No. 340,703. Registered Nov. 17, 1936. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

CALICO

FOR SOAP.
Claims use since May 12, 1936.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Reg. No. 277,935. Registered Dec. 2, 1930. WATSON-PARK COMPANY, Boston, Mass.,.a corporation of Maine. Republished by registrant.

WAPACO

FOR VARIOUS CHEMICAL PREPARATIONS FOR USE IN DYEING AND FINISHING AND PREPARING FOR DYEING AND FINISHING TEXTILE MATERIALS AND TEXTILE FABRICS.
Claims use since on or about Sept. 1, 1928.

Reg. No. 278,708. Registered Dec. 30, 1930. ARIZONA MINERALS CORPORATION, Yuma, Ariz., a corporation of Minnesota. Republished by registrant.

ARIDZONE

FOR WATER-SOFTENING MATERIAL, BEING EITHER ARTIFICIAL OR NATURAL ZEOLITES.
Claims use since Dec. 27, 1929.

Reg. No. 291,387. Registered Feb. 9, 1932. SATISH C. GHOSE, Chicago, Ill. Republished by registrant.



The word "Incense" is disclaimed.
FOR INCENSE.
Claims use since Apr. 2, 1931.

Reg. No. 296,945. Registered Aug. 30, 1932. RESINOX CORPORATION, New York, N. Y. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.

RESINOX

FOR SOLUTIONS OF SYNTHETIC RESINS, MOLDING COMPOUNDS CONTAINING SYNTHETIC RESINS, MIXTURES OBTAINED BY MELTING SYNTHETIC RESINS WITH OTHER CHEMICAL COMPOUNDS, ALL BEING USED AS A RAW MATERIAL FOR MAKING SUCH PRODUCTS AS RADIO PARTS, ELECTRICAL APPLIANCES, ASH TRAYS, AUTOMOBILE DISTRIBUTOR HEADS, CLOSURES FOR BOTTLES AND TUBES, AND SIMILAR ARTICLES.
Claims use since Oct. 15, 1931.

Reg. No. 304,996. Registered July 25, 1933. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.



The word "Brand" is disclaimed. The drawing is lined for the colors brown and yellow.
FOR RED OIL.
Claims use since Feb. 23, 1932.

Reg. No. 311,244. Registered Mar. 20, 1934. CAMPANA CORPORATION, Batavia, Ill., a corporation of Delaware. Republished by registrant.

CAMPANA

FOR ASTRINGENTS, SKIN LOTIONS, AFTER SHAVING LOTIONS, FACE POWDERS, LIPSTICKS, BEAUTY CREAMS, AND REFRESHING CREAMS.
Claims use since Oct. 7, 1933.

Reg. No. 319,212. Registered Nov. 20, 1934. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SANTOSITE

FOR SULPHITES, SPECIFICALLY SODIUM SULPHITE, AND BOILER WATER TREATING CHEMICALS.
Claims use since about June 1934.

Reg. No. 320,644. Registered Jan. 1, 1935. E. DALTROFF & CIE., doing business as Parfumerie Caron, Paris, France. Republished by Caron Corporation, New York, N. Y., a corporation of New York.

POUR UN HOMME
LES PLUS BELLES LAVANDES

The words "Les Plus Belles Lavandes" are disclaimed.
FOR PERFUME, TOILET WATER.
Claims use since Apr. 20, 1934.

Reg. No. 322,065. Registered Feb. 26, 1935. CAMPANA CORPORATION, Batavia, Ill., a corporation of Delaware. Republished by registrant.

Campana

Dreskin

FOR TOILET PREPARATION—NAMELY, A LIQUID PREPARATION FOR USE AFTER SHAVING, AFTER THE BATH, AND AT OTHER TIMES TO PRESERVE AND BEAUTIFY THE SKIN AND COMPLEXION.
Claims use since Dec. 28, 1933.

Reg. No. 322,889. Registered Mar. 26, 1935. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

RUSTOSCALE

FOR PREPARATION FOR THE TREATMENT OF WATER USED IN BOILERS FOR POWER PLANTS, HEATING SYSTEMS, AND HOT WATER SUPPLY BOILERS AND HEATING UNITS AND DESIGNED TO ELIMINATE SCALE, RUST, CONGESTION, CORROSION AND PITTING IN BOILERS, TANKS AND SYSTEMS.
Claims use since Sept. 29, 1928.

Reg. No. 325,518. Registered June 25, 1935. JAMES L. YOUNGHUSBAND, Chicago, Ill. Republished by registrant.

ETERNO

FOR LIPSTICKS, ROUGE, FACE POWDER, PERFUMES, AND TOILET WATERS.
Claims use on lipstick since June 11, 1933; and on perfumes, face powder, toilet water since June 29, 1914.

Reg. No. 326,467. Registered July 23, 1935. THE JOHN PUHL PRODUCTS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

OEHME

FOR AMMONIA.
Claims use since Feb. 18, 1935.

Reg. No. 326,946. Registered Aug. 13, 1935. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SANTOPHEN

FOR INSECTICIDES, GERMICIDES, BACTERICIDES, FUNGICIDES, AND DISINFECTANTS.
Claims use since Apr. 4, 1935.

Reg. No. 329,471. Registered Oct. 29, 1935. GEORGE MARTIN BROEMMEL, doing business as Broemmel Pharmaceuticals, San Francisco, Calif. Republished by registrant.

No'squito

FOR MOSQUITO IMMUNIZING AGENT.
Claims use since on or about June 10, 1935.

Reg. No. 332,624. Registered Feb. 18, 1936. THE RUBBER SERVICE LABORATORIES COMPANY, Akron, Ohio. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.

PERFLECTOL

FOR CHEMICAL COMPOUNDS EMPLOYED AS ANTI-OXIDANTS IN THE MANUFACTURE OF VULCANIZED RUBBER ARTICLES.
Claims use since Aug. 8, 1935.

Reg. No. 337,066. Registered July 28, 1936. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

KURB

FOR ANALGESIC TABLETS.
Claims use since Feb. 7, 1936.

Reg. No. 339,666. Registered Oct. 13, 1936. E. DALTROFF & CIE., doing business as Parfumerie Caron, Paris, France. Republished by Caron Corporation, New York, N. Y., a corporation of New York.

REFLET DE BEAUTÉ

FOR ROUGE.
Claims use since Dec. 24, 1935.

Reg. No. 340,702. Registered Nov. 17, 1936. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

AGATE

FOR STEARIC ACID.
Claims use since June 9, 1936.

Reg. No. 341,517. Registered Dec. 8, 1936. RUDOLPH MOOSBRUGGER, Glenside, Pa. Republished by The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio.

GLEEM-O

FOR TOOTH POWDER.
Claims use since Jan. 11, 1934.

Reg. No. 343,822. Registered Mar. 9, 1937. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SANTOLUBE

FOR CHEMICAL ADJUVANTS FOR PETROLEUM OILS ADAPTED TO IMPROVE THE LUBRICATING CHARACTERISTICS OF SUCH PETROLEUM OILS.
Claims use since about Mar. 12, 1936.

Reg. No. 343,823. Registered Mar. 9, 1937. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SANTOPOUR

FOR CHEMICAL ADJUVANTS FOR PETROLEUM OILS ADAPTED TO REDUCE THE POUR POINT AND OTHERWISE IMPROVE THE LUBRICANT VALUE OF SAID PETROLEUM OILS.
Claims use since November 1935.

Reg. No. 343,827. Registered Mar. 9, 1937. E. DALTROFF & CIE., doing business as Parfumerie Caron, Paris, France. Republished by Caron Corporation, New York, N. Y., a corporation of New York.

LES CENT FARDS

The word "Fards" is disclaimed.
FOR ROUGE.
Claims use since Dec. 24, 1935.

Reg. No. 343,897. Registered Mar. 9, 1937. ASSOCIATED DISTRIBUTORS, INC., Chicago, Ill. Republished by Consolidated Cosmetics, Chicago, Ill., a firm.

TABOO

FOR ANTI-PERSPIRANT, LIPSTICK, ROUGE, FACE POWDER, EYELASH AND EYEBROW MASCARA, CREAMS FOR THE HANDS AND FACE, PREPARATIONS FOR SKIN, HAIR AND FINGER NAILS AND PERFUMES.
Claims use since Dec. 10, 1932.

Reg. No. 345,036. Registered Apr. 13, 1937. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SANTOFLEX

FOR CHEMICAL COMPOUNDS EMPLOYED AS ANTI-OXIDANTS IN THE MANUFACTURE OF VULCANIZED RUBBER ARTICLES.
Claims use since Oct. 17, 1936.

CLASS 7

CORDAGE

Reg. No. 252,779. Registered Feb. 12, 1929. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill., a corporation of New Jersey. Republished by registrant.

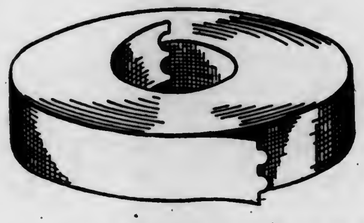
McCORMICK-DEERING

FOR TWINE.
Claims use since Sept. 13, 1927.

CLASS 11

INKS AND INKING MATERIALS

Reg. No. 333,341. Registered Mar. 17, 1936. BURROUGHS ADDING MACHINE COMPANY, Detroit, Mich., a corporation of Michigan. Republished by registrant.



The representation of a roll of ribbon per se is disclaimed.
FOR INKING RIBBONS.
Claims use since Aug. 1, 1927.

Reg. No. 335,607. Registered June 9, 1936. BURROUGHS ADDING MACHINE COMPANY, Detroit, Mich., a corporation of Michigan. Republished by registrant.

Burroughs

FOR INKING RIBBONS USED WITH BUSINESS MACHINES—NAMELY, CALCULATING MACHINES, CASH REGISTERS, TYPEWRITERS, AND THE LIKE, AND CARBON PAPER.
Claims use since March 1910.

CLASS 12

CONSTRUCTION MATERIALS

Reg. No. 296,768. Registered Aug. 23, 1932. KIMBERLY-CLARK CORPORATION, Neenah, Wis., a corporation of Delaware. Republished by registrant.

Kimsul

FOR WOOD PULP INSULATING MATERIAL IN PANELS FOR THERMAL INSULATING PURPOSES.
Claims use since on or about Oct. 26, 1931.

Reg. No. 303,096. Registered May 9, 1933. KEASBEY & MATTISON COMPANY, Ambler, Pa. Republished by Keasbey & Mattison Company (1934), Ambler, Pa., a corporation of Pennsylvania.

DUPLEX

FOR INSULATION PRODUCTS ESPECIALLY ADAPTED AS A PIPE COVERING.
Claims use since about September 1932.

Reg. No. 303,097. Registered May 9, 1933. KEASBEY & MATTISON COMPANY, Ambler, Pa. Republished by Keasbey & Mattison Company (1934), Ambler, Pa., a corporation of Pennsylvania.

SIMPLEX

FOR INSULATION PRODUCTS, ESPECIALLY ADAPTED AS A PIPE COVERING.
Claims use since about September 1932.

Reg. No. 322,560. Registered Mar. 12, 1935. THE S. OBERMAYER COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

FRACTO-CRETE

FOR REFRACTORY CONCRETE OR PLASTIC MONOLITHIC REFRACTORY.
Claims use since Oct. 16, 1934.

Reg. No. 328,934. Registered Oct. 8, 1935. SEAMAN PAPER COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

SEAPAK

FOR THERMAL AND SOUND INSULATING PAPER AND BOARD.
Claims use since Sept. 8, 1932.

Reg. No. 332,256. Registered Feb. 4, 1936. W. M. RITTER LUMBER COMPANY, Columbus, Ohio, a corporation of West Virginia. Republished by registrant.

UTILITY

FOR OAK FLOORING.
Claims use since Sept. 1, 1935.

Reg. No. 338,094. Registered Aug. 25, 1936. OWENS-ILLINOIS GLASS COMPANY, Toledo, Ohio, a corporation of Ohio. Republished by registrant.

INSULUX GLASS BLOCK

The words "Glass Block" are disclaimed.
FOR GLASS BUILDING BLOCKS.
Claims use since Oct. 12, 1935.

Reg. No. 346,136. Registered May 18, 1937. KEASBEY & MATTISON COMPANY, Ambler, Pa. Republished by Keasbey & Mattison Company (1934), Ambler, Pa., a corporation of Pennsylvania.

MONOBESTOS

FOR ASBESTOS BOARDS, ASBESTOS SHEETS, ASBESTOS LUMBER, AND ASBESTOS BUILDING MATERIALS IN FLAT AND SHEET FORM.
Claims use since about Oct. 31, 1936.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Reg. No. 111,995. Registered Aug. 15, 1916. CALIFORNIA CORRUGATED CULVERT CO., Oakland and Berkeley, Calif. Republished by Armco Drainage & Metal Products, Inc., Middletown, Ohio, a corporation of Delaware.

CALCO

FOR IRON FLUMES, INVERTED SIPHONS, STORM DRAINS AND WELL CURBING; LATERAL HEADGATES, IRRIGATION GATES, CHECKS OR TAPPOONS, SLIDE HEADGATES, HINGE HEADGATES, AUTOMATIC DRAINAGE GATES, AND RESERVOIR OUTLETS.
Claims use since Feb. 1, 1916.

Reg. No. 295,023. Registered June 14, 1932. COLUMBIAN ENAMELING & STAMPING CO., Terre Haute, Ind. Republished by Columbian Enameling & Stamping Co., Inc., Terre Haute, Ind., a corporation of Indiana.

MODERN ONYX

The word "Modern" is disclaimed.
FOR ENAMELED WARE—NAMELY, BASINS, BATH TUBS, COFFEE BOILERS, DOUBLE BOILERS, BOWLS, COMBINETS, CUPS, DIPPERS, DISHES, FUNNELS, KETTLES, LADLES, PAILS, PANS, POTS, COFFEE POTS, TEA POTS, ROASTERS, STRAINERS, AND PERCOLATORS.
Claims use since July 15, 1931.

Reg. No. 296,996. Registered Aug. 30, 1932. PARKER-KALON CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.

P·K

FOR NAILS, DRIVE SCREWS, SCREWS, DRIVE PINS, RIVETS, STUDS, NUTS, BOLTS, AND METAL WASHERS.
Claims use since on or about Jan. 2, 1923.

Reg. No. 316,151. Registered Aug. 14, 1934. HOOKLESS FASTENER COMPANY, Meadville, Pa. Republished by Talon, Inc., Meadville, Pa., a corporation of Pennsylvania.

SPECTRA

FOR SEPARABLE FASTENERS OF THE SLIDER-CONTROLLED TYPE.
Claims use since Feb. 15, 1934.

Reg. No. 319,009. Registered Nov. 13, 1934. HOOKLESS FASTENER COMPANY, Meadville, Pa. Republished by Talon, Inc., Meadville, Pa., a corporation of Pennsylvania.

TALON

FOR CHAINS OF ALL DESCRIPTIONS USED IN CONNECTION WITH SLIDE FASTENERS.
Claims use since Oct. 28, 1933.

Reg. No. 321,744. Registered Feb. 12, 1935. PARKER-KALON CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.

PARKER-KALON

FOR DRIVE PINS, SCREWS, DRIVE SCREWS, SCREWNAILS, NAILS, RIVETS, SET SCREWS, STUDS, WING-NUTS, CAP-NUTS, EXPANSION BOLTS, AND EXPANSION SLEEVES.
Claims use since on or about Dec. 20, 1922.

Reg. No. 326,458. Registered July 23, 1935. HOOKLESS FASTENER COMPANY, Meadville, Pa. Republished by Talon, Inc., Meadville, Pa., a corporation of Pennsylvania.

DRESS ALONE

FOR SLIDE FASTENERS.
Claims use since Feb. 27, 1935.

Reg. No. 338,535. Registered Sept. 8, 1936. DIAMOND CHAIN AND MANUFACTURING COMPANY, Indianapolis, Ind. Republished by The Diamond Chain Company, Inc., Indianapolis, Ind., a corporation of Indiana.



The representation of the chain is disclaimed, except those portions which are combined in mannikin form.
FOR CHAINS FOR THE TRANSMISSION OF POWER.
Claims use since Aug. 10, 1927.

Reg. No. 340,196. Registered Nov. 3, 1936. CHICAGO SPECIALTY MFG. CO., Chicago, Ill. Republished by Chicago Specialty Manufacturing Co., Inc., Chicago, Ill., a corporation of Illinois.

"5 in 1"

FOR RADIATOR HANDLE.
Claims use since Sept. 15, 1933.

Reg. No. 346,202. Registered May 18, 1937. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.



FOR FURNITURE CASTERS.
Claims use since about Nov. 1, 1931.

Reg. No. 346,203. Registered May 18, 1937. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.



FOR FURNITURE CASTERS AND SLIDES, METAL DRAWER PULLS, AND KNOBS, KEYHOLE ESCUTCHEONS, TOILET SCREWS, COAT AND HAT HOOKS, SOCKETS FOR END OF TABLE AND CHAIR LEGS, NAME PLATES FOR FILES, METAL FURNITURE TRIMMINGS, HOOD CATCHES, HOOD-CATCH BRACKETS, HOOD HANDLES, AND FLOOR HANDLES; CHAIR HARDWARE—NAMELY, TILTING CHAIR IRONS, SWIVEL SEAT SUPPORTS, AND BACK SUPPORTS.
Claims use since about Oct. 19, 1932.

Reg. No. 346,206. Registered May 18, 1937. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.



FOR FURNITURE CASTERS.
Claims use since about Nov. 1, 1931.

Reg. No. 346,207. Registered May 18, 1937. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.

DIAMOND-DART

FOR FURNITURE CASTERS.
Claims use since about Sept. 27, 1934.

Reg. No. 346,208. Registered May 18, 1937. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.

DIAMOND VELVET

FOR FURNITURE CASTERS.
Claims use since about Sept. 1, 1909.

Reg. No. 346,209. Registered May 18, 1937. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.



FOR FURNITURE CASTERS.
Claims use since about Sept. 1, 1909.

Reg. No. 346,210. Registered May 18, 1937. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.

"Flotilt"

FOR CHAIR HARDWARE—NAMELY, TILTING CHAIR IRONS.
Claims use since about Oct. 9, 1935.

Reg. No. 346,392. Registered May 25, 1937. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.

Baco

FOR FURNITURE CASTER WHEELS.
Claims use since about Apr. 1, 1931.

Reg. No. 346,854. Registered June 8, 1937. G. E. PRENTICE MANUFACTURING COMPANY, Berlin, Conn. Republished by registrant, present location Kensington, Conn.

Streamline

FOR SLIDE OPERATED FASTENERS.
Claims use since Dec. 8, 1936.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Reg. No. 340,335. Registered Nov. 3, 1936. HARNISCHFEGER CORPORATION, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

SMOOTHARC

FOR WELDING RODS (ELECTRODES).
Claims use since Feb. 1, 1936.

Reg. No. 340,894. Registered Nov. 24, 1936. MAGNOLIA METAL COMPANY, Elizabeth, N. J., a corporation of West Virginia. Republished by registrant.

DUX

FOR ANTI-FRICTION METAL.
Claims use since May 16, 1935.

CLASS 15

OILS AND GREASES

Reg. No. 296,258. Registered Aug. 2, 1932. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

PUROPALE

FOR LUBRICATING OILS.
Claims use since Feb. 4, 1932.

Reg. No. 296,931. Registered Aug. 23, 1932. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

THE PURE OIL COMPANY, U.S.A. PURE

The letters "U. S. A." and the word "Pure" are disclaimed.
FOR ILLUMINATING OILS, MOTOR FUEL OILS, LUBRICATING OILS, LUBRICATING GREASES, AND FUEL OILS.
Claims use since Apr. 1, 1930.

Reg. No. 305,057. Registered July 25, 1933. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

GUARDIAN

FOR LUBRICATING OILS.
Claims use since May 1910.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Reg. No. 278,149. Registered Dec. 9, 1930. AMERICAN DISINFECTING COMPANY, Sedalia, Mo. Republished by Adco, Inc., Sedalia, Mo., a corporation of Missouri.

NOX-DUS

FOR FLOOR DRESSING—NAMELY, A PREPARATION FOR THE TREATMENT OF AND FOR CLEANSING FLOORS AND CERTAIN FLOOR COVERINGS SUCH AS LINOLEUM.
Claims use since 1909.

Reg. No. 293,103. Registered Apr. 12, 1932. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

BEAMAX

FOR PREPARED LIQUID WAX FOR USE ON FLOORS.
Claims use since Nov. 13, 1931.

Reg. No. 302,385. Registered Apr. 18, 1933. AMERICAN DISINFECTING COMPANY, Sedalia, Mo. Republished by Adco, Inc., Sedalia, Mo., a corporation of Missouri.

VANBRITE

FOR LIQUID WAX PREPARATION FOR POLISHING PURPOSES.
Claims use since Oct. 25, 1932.

Reg. No. 326,753. Registered July 30, 1935. I. F. LAUCKS, INC., Seattle, Wash. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.

LAUX
Ex-Te-Ro

FOR CASEIN PAINTS.
Claims use since Apr. 2, 1935.

CLASS 19

VEHICLES

Reg. No. 296,592. Registered Aug. 16, 1932. BENDIX AVIATION CORPORATION, Chicago, Ill., and South Bend, Ind., a corporation of Delaware. Republished by registrant, present location South Bend, Ind.

PNEUDRAULIC SHOCK STRUT

The words "Shock Strut" are disclaimed.
FOR SHOCK STRUTS.
Claims use since May 29, 1931.

Reg. No. 319,956. Registered Dec. 11, 1934. LOCKHEED AIRCRAFT CORPORATION, Burbank, Calif., a corporation of California. Republished by registrant.



FOR AEROPLANES AND PARTS THEREFOR NOT IN OTHER CLASSES.
Claims use since July 1927.

Reg. No. 320,151. Registered Dec. 18, 1934. LOCKHEED AIRCRAFT CORPORATION, Burbank, Calif., a corporation of California. Republished by registrant.

LOCKHEED

FOR AEROPLANES AND PARTS THEREOF, EXCLUSIVE OF HYDRAULIC BRAKES OR BRAKING EQUIPMENT NOT IN OTHER CLASSES.
Claims use since July 1927.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Reg. No. 231,891. Registered Aug. 30, 1927. MINNEAPOLIS HEAT REGULATOR CO., Minneapolis 8, Minn. Republished by Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware.

PYROSTAT

FOR TEMPERATURE-OPERATED ELECTRIC STACK SWITCHES FOR THE AUTOMATIC SAFETY CONTROL OF OIL HEATING PLANTS.
Claims use since Nov. 15, 1926.

Reg. No. 320,629. Registered Jan. 1, 1935. BELDEN MANUFACTURING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

CELENAMEL

FOR MAGNET-WIRES.
Claims use since Aug. 6, 1934.

Reg. No. 333,110. Registered Mar. 10, 1936. BURROUGHS ADDING MACHINE COMPANY, Detroit, Mich., a corporation of Michigan. Republished by registrant.

Burroughs

FOR ELECTRICAL APPLIANCES—NAMELY, ELECTRIC MOTORS, INTERFERENCE ELIMINATORS, RADIO FILTERS, CONDENSERS, CIRCUIT PROTECTORS, AND THE PARTS THEREOF.
Claims use since about 1906.

Reg. No. 339,776. Registered Oct. 20, 1936. HENRY L. CROWLEY & CO., INC., West Orange, N. J., a corporation of New Jersey. Republished by registrant.

CROLITE
MAGICORE

FOR CORES FOR TRANSFORMER AND COIL WINDINGS.
Claims use since Aug. 6, 1935.

Reg. No. 346,828. Registered June 8, 1937. ERIE RESISTOR CORPORATION, Erie, Pa., a corporation of Pennsylvania. Republished by registrant.

CERAMICONS

FOR ELECTRICAL CURRENT CONTROLLING DEVICES—NAMELY, RESISTORS AND CONDENSERS.
Claims use since Dec. 28, 1936.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Reg. No. 319,002. Registered Nov. 13, 1934. GLOBE-UNION MFG. CO., Milwaukee, Wis. Republished by Globe-Union Inc., Milwaukee, Wis., a corporation of Delaware.

JACK·N·JILL

FOR ICE SKATES.
Claims use since July 17, 1934.

Reg. No. 324,717. Registered May 28, 1935. MARSHALL FIELD & COMPANY, Chicago, Ill. Republished by Globe-Union Inc., Milwaukee, Wis., a corporation of Delaware.

BLUE WHIZ

FOR ROLLER SKATES.
Claims use since Dec. 15, 1934.

Reg. No. 341,046. Registered Dec. 1, 1936. THE AMERICAN FORK AND HOE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

SHIMMY

FOR FISHING LURES AND BAITS.
Claims use since October 1919.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Reg. No. 279,452. Registered Jan. 13, 1931. GREENFIELD TAP AND DIE CORPORATION, Greenfield, Mass., a corporation of Massachusetts. Republished by registrant.



The representation of the drill and the words "Copper Flute" are disclaimed.
FOR TWIST DRILLS FOR METAL WORKING.
Claims use since July 2, 1930.

Reg. No. 301,321. Registered Feb. 28, 1933. GRAY COMPANY, INC., Minneapolis, Minn., a corporation of South Dakota. Republished by registrant.

GRACO Lubricators

The word "Lubricators" is disclaimed.
FOR LUBRICATING EQUIPMENT, APPARATUS, AND MACHINERY—NAMELY, MANUALLY AS WELL AS POWER OPERATED GREASE GUNS, OIL SPRAYERS, LUBRICANT DISPENSING COMPRESSORS, PUMPS, AND OTHER DEVICES USED IN AND ABOUT THE LUBRICATION OF AUTOMOBILES AND OTHER MACHINERY, AND IN THE HANDLING OF LUBRICANTS SUCH AS OILS AND GREASES.
Claims use since June 1, 1926.

Reg. No. 323,096. Registered Apr. 2, 1935. APEX HOSIERY COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

EN-VO-PAK

FOR APPARATUS FOR MECHANICALLY PLACING ARTICLES IN MAILING ENVELOPES OR SIMILAR TYPES OF MAILING CONTAINERS.
Claims use since Oct. 8, 1934.

Reg. No. 329,141. Registered Oct. 15, 1935. E. C. ATKINS AND COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

ECONOMY

FOR ONE-MAN CROSSCUT SAWS, TWO-MAN CROSSCUT SAWS AND CIRCULAR CORDWOOD SAWS.
Claims use since March 1918.

Reg. No. 332,117. Registered Feb. 4, 1936. ROBBINS & MYERS, INC., Springfield, Ohio, a corporation of Ohio. Republished by registrant.

RM

FOR ELECTRIC HOISTS, HAND HOISTS, CRANES, TROLLEYS, AND WINCHES.
Claims use since on or about Jan. 1, 1930.

Reg. No. 332,952. Registered Mar. 3, 1936. E. C. ATKINS AND COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.



FOR SAWS.
Claims use since Oct. 10, 1934.

Reg. No. 339,044. Registered Sept. 22, 1936. NILES-BEMENT-POND COMPANY, New York, N. Y., a corporation of New Jersey. Republished by registrant, present location West Hartford, Conn.

DUOCONE

FOR THREAD CUTTING DIES.
Claims use since Apr. 28, 1936.

Reg. No. 341,589. Registered Dec. 15, 1936. THE VAUGHN MACHINERY COMPANY, Cuyahoga Falls, Ohio, a corporation of Ohio. Republished by registrant.

MOTOBLOX

FOR WIRE DRAWING MACHINES AND PARTS THEREOF AND ACCESSORIES THEREFOR.
Claims use since Aug. 12, 1936.

Reg. No. 341,774. Registered Dec. 22, 1936. NILES-BEMENT-POND COMPANY, Hartford, Conn., a corporation of New Jersey. Republished by registrant, present location West Hartford, Conn.

BLUE HELIX

FOR METAL CUTTING TOOLS SUCH AS REAMERS, DRILLS, AND MILLING CUTTERS.
Claims use since Aug. 5, 1936.

Reg. No. 342,352. Registered Jan. 12, 1937. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill., a corporation of New Jersey. Republished by registrant.

INTERNATIONAL

FOR MILKING MACHINES AND PARTS THEREOF.
Claims use since on or about Dec. 1, 1929.

Reg. No. 343,467. Registered Feb. 23, 1937. BURROUGHS ADDING MACHINE COMPANY, Detroit, Mich., a corporation of Michigan. Republished by registrant.

Burroughs

FOR TYPEWRITERS, INCLUDING PLATEN TWIRLERS, RUBBER FEET, AND RUBBER KEY TOPS.
Claims use since about Oct. 29, 1931.

Reg. No. 343,690. Registered Mar. 2, 1937. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill., a corporation of New Jersey. Republished by registrant.

DEERING

FOR MILKING MACHINES AND PARTS THEREOF.
Claims use since on or about Dec. 1, 1929.

Reg. No. 343,691. Registered Mar. 2, 1937. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill., a corporation of New Jersey. Republished by registrant.

McCORMICK

FOR MILKING MACHINES AND PARTS THEREOF.
Claims use since on or about Dec. 1, 1929.

Reg. No. 343,692. Registered Mar. 2, 1937. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill., a corporation of New Jersey. Republished by registrant.

McCORMICK-DEERING

FOR MILKING MACHINES AND PARTS THEREOF.
Claims use since on or about Dec. 1, 1929.

Reg. No. 344,065. Registered Mar. 9, 1937. GREENFIELD TAP AND DIE CORPORATION, Greenfield, Mass., a corporation of Massachusetts. Republished by registrant.

GUN

FOR TAPS.
Claims use since Feb. 8, 1915.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Reg. No. 286,706. Registered Sept. 1, 1931. AGFA ANSCO CORPORATION, Binghamton, N. Y. Republished by General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware.

INDIATONE

FOR SENSITIZED PHOTOGRAPHIC PAPER.
Claims use since Nov. 1, 1929.

Reg. No. 295,015. Registered June 14, 1932. PRATT & WHITNEY COMPANY, Hartford, Conn. Republished by Niles-Bement-Pond Company, West Hartford, Conn., a corporation of New Jersey.

Electrolimit Gage

The word "Gage" is disclaimed.
FOR DIMENSIONAL GAGES.
Claims use since Jan. 16, 1932.

Reg. No. 331,846. Registered Jan. 21, 1936. MINNEAPOLIS-HONEYWELL REGULATOR COMPANY, Minneapolis, Minn., a corporation of Delaware. Republished by registrant.

PRESSURETROL

FOR PRESSURE RESPONSIVE ELECTRICAL CONTROL APPARATUS FOR HEATING OR OTHER AIR CONDITION CHANGING SYSTEMS.
Claims use since March 1928.

Reg. No. 339,642. Registered Oct. 13, 1936. AGFA ANSCO CORPORATION, Binghamton, N. Y. Republished by General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware.

FINEX

FOR SENSITIZED PHOTOGRAPHIC FILM.
Claims use since Apr. 12, 1936.

Reg. No. 340,438. Registered Nov. 10, 1936. AGFA ANSCO CORPORATION, Binghamton, N. Y. Republished by General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware.

SUPERAY

FOR SENSITIZED PHOTOGRAPHIC FILM.
Claims use since June 10, 1936.

Reg. No. 342,365. Registered Jan. 12, 1937. MINNEAPOLIS-HONEYWELL REGULATOR COMPANY, Minneapolis, Minn., a corporation of Delaware. Republished by registrant.

OPTIMATIC

FOR AUTOMATIC OPTICAL PYROMETERS.
Claims use since March 1936.

Reg. No. 343,430. Registered Feb. 23, 1937. BURROUGHS ADDING MACHINE COMPANY, Detroit, Mich., a corporation of Michigan. Republished by registrant.

Burroughs

FOR BUSINESS MACHINES—NAMELY, ADDING MACHINES, LISTING MACHINES, CALCULATING MACHINES, KEY OPERATED CALCULATORS, AUTOMATIC CALCULATORS, BOOKKEEPING MACHINES, ACCOUNTING MACHINES, STATISTICAL MACHINES, BILLING MACHINES, TYPEWRITER-CALCULATING MACHINES, CASH MACHINES, CASH REGISTERS, AND PARTS FOR ALL OF SAID MACHINES, INCLUDING PLATEN TWIRLERS, RUBBER FEET, AND RUBBER KEY TOPS.
Claims use since 1886.

Reg. No. 345,512. Registered Apr. 27, 1937. AGFA ANSCO CORPORATION, Binghamton, N. Y. Republished by General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware.

CLIPPER

FOR PHOTOGRAPHIC CAMERAS.
Claims use since Dec. 1, 1936.

CLASS 27

HOROLOGICAL INSTRUMENTS

Reg. No. 294,972. Registered June 14, 1932. THE NEWALL MANUFACTURING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

SECURITY

FOR MAINSPRINGS FOR WATCHES.
Claims use since May 1925.

Reg. No. 336,750. Registered July 14, 1936. THE LUX CLOCK MANUFACTURING COMPANY, Waterbury, Conn., a corporation of Connecticut. Republished by registrant.

MINUTE MINDER

FOR ALARM CLOCKS, AND TIMERS FOR COOKING, PHOTOGRAPHIC, ATHLETIC, AND SCIENTIFIC PURPOSES.
Claims use since about Nov. 1, 1933.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Reg. No. 281,073. Registered Mar. 10, 1931. WILKENING MANUFACTURING COMPANY, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

Pedrick

FOR PISTON RINGS FOR INTERNAL-COMBUSTION ENGINES AND OTHER MACHINERY.
Claims use since January 1894.

Reg. No. 326,584. Registered July 30, 1935. MARSHALL ASBESTOS CORPORATION, Troy, N. Y. Republished by Bendix Aviation Corporation, Green Island, N. Y., a corporation of Delaware.

ECLIPSE BRAKE LININGS

The words "Brake Linings" are disclaimed.
FOR BRAKE LINING.
Claims use since July 6, 1934.

Reg. No. 342,083. Registered Jan. 5, 1937. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio, a corporation of Ohio. Republished by registrant.

Dual 10

FOR PNEUMATIC TIRES.
Claims use since Nov. 18, 1935.

Reg. No. 343,452. Registered Feb. 23, 1937. THE GATES RUBBER COMPANY, Denver, Colo., a corporation of Colorado. Republished by registrant.

THEFTPROOF

FOR GARDEN HOSE.
Claims use since Nov. 7, 1925.

Reg. No. 346,494. Registered June 1, 1937. VOGUE RUBBER COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

MIRACLETREAD

The word "Tread" is disclaimed.
FOR AUTOMOBILE TIRES AND TUBES.
Claims use since Dec. 22, 1934.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Reg. No. 325,334. Registered June 18, 1935. THE H. N. WHITE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

THE "GLADIATOR" AMERICAN MADE

The words "American Made" are disclaimed.
FOR MUSICAL INSTRUMENTS INCLUDING CORNETS, TRUMPETS, CLARINETS, TROMBONES, SAXOPHONES, ALTO HORNS, BARITONES AND BASSES.
Claims use since Jan. 14, 1935.

CLASS 37

PAPER AND STATIONERY

Reg. No. 265,402. Registered Dec. 24, 1929. CROWN ZELLERBACH CORPORATION, San Francisco, Calif., a corporation of California. Republished by registrant.



FOR PAPER TOWELS.
Claims use since May 7, 1929.

Reg. No. 302,293. Registered Apr. 11, 1933. GEORGE B. GRAFF COMPANY, Cambridge, Mass., a corporation of Massachusetts. Republished by registrant.

CELLUGRAF

FOR INDICATOR TABS OR FILE SIGNALS.
Claims use since Apr. 20, 1932.

Reg. No. 304,183. Registered June 27, 1933. KIMBERLY-CLARK CORPORATION, Neenah, Wis., a corporation of Delaware. Republished by registrant.

KLEERFECT

FOR BOOK PAPER.
Claims use since on or about Feb. 7, 1933.

Reg. No. 308,418. Registered Dec. 5, 1933. THE PARKER PEN COMPANY, Janesville, Wis., a corporation of Wisconsin. Republished by registrant.

VACUMATIC

PROPERTY OF THE PARKER PEN CO.

The words "Property of The Parker Pen Co." are disclaimed.
FOR FOUNTAIN PENS, MECHANICAL PENCILS, AND DESK SETS.
Claims use since July 26, 1933.

Reg. No. 327,633. Registered Sept. 3, 1935. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

Jo-Etta

FOR CLEANSING TISSUES.
Claims use since Feb. 11, 1935.

Reg. No. 328,117. Registered Sept. 17, 1935. SPAULDING-MOSS COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.



FOR TRACING PAPER AND DRAWING PAPER.
Claims use since May 3, 1935.

Reg. No. 331,232. Registered Dec. 31, 1935. COMFORT PAPER CORPORATION, San Francisco, Calif., a corporation of Nevada. Republished by registrant.

Comfort

FOR TOILET TISSUE.
Claims use since Jan. 13, 1932.

Reg. No. 331,774. Registered Jan. 21, 1936. COMFORT PAPER CORPORATION, San Francisco, Calif., a corporation of Nevada. Republished by registrant.

ZEE

FOR PAPER TOWELS.
Claims use since Sept. 10, 1935.

Reg. No. 332,351. Registered Feb. 11, 1936. ACE FASTENER CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

CADET

FOR STAPLING MACHINES OF THE DESK AND TACKER TYPES, AND STAPLES THEREFOR.
Claims use since Jan. 16, 1934.

Reg. No. 335,153. Registered May 26, 1936. BURROUGHS ADDING MACHINE COMPANY, Detroit, Mich., a corporation of Michigan. Republished by registrant.

Burroughs

FOR STATIONERY AND SUPPLIES — NAMELY, ROLL AND FLAT STOCK PAPER FOR USE IN BUSINESS MACHINES, JOURNAL SHEETS, AND THE LIKE.
Claims use since 1928.

Reg. No. 335,574. Registered June 9, 1936. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

WONDERSOFT

FOR TOILET PAPER.
Claims use since Nov. 22, 1935.

Reg. No. 338,064. Registered Aug. 25, 1938. THE APPLETON COATED PAPER CO., Appleton, Wis. Republished by Marshall Field & Company, Chicago, Ill., a corporation of Illinois.



The wording which appears on the drawing with the exception of the word "Shelvette" is disclaimed.
FOR SHELF AND LINING PAPER, SURFACE COATED ON ONE SIDE WITH A SPECIAL PREPARATION TO WITHSTAND MOISTURE.
Claims use since Apr. 1, 1930.

Reg. No. 339,429. Registered Oct. 6, 1936. THE PARKER PEN COMPANY, Janesville, Wis., a corporation of Wisconsin. Republished by registrant.

VACUMATIC

FOR FOUNTAIN PENS, MECHANICAL PENCILS, AND DESK SETS.
Claims use since July 26, 1933.

Reg. No. 341,884. Registered Dec. 29, 1936. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

Bon-Ton

FOR ABSORBENT FACE CLEANSING SHEETS, MADE OF PAPER.
Claims use since Mar. 10, 1933.

Reg. No. 342,738. Registered Jan. 26, 1937. ACME CARD SYSTEM COMPANY, Chicago, Ill. Republished by Acme Visible Records, Inc., Chicago, Ill., a corporation of Delaware.

ACME

FOR CARDS FOR VISIBLE INDEX OR RECORD EQUIPMENT, DESK DIARIES, INDEX OR RECORD STRIPS, CARD SIGNALS, AND CORRESPONDENCE CLIPS.
Claims use since June 1, 1917.

Reg. No. 344,672. Registered Mar. 30, 1937. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

LARAY

FOR ABSORBENT FACE CLEANSING SHEETS MADE OF PAPER.
Claims use since Oct. 23, 1936.

Reg. No. 344,673. Registered Mar. 30, 1937. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

JERZETS

FOR ABSORBENT FACE CLEANSING SHEETS MADE OF PAPER.
Claims use since Oct. 23, 1936.

Reg. No. 344,680. Registered Mar. 30, 1937. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

VARSITY

FOR ABSORBENT FACE CLEANSING SHEETS MADE OF PAPER.
Claims use since Nov. 14, 1936.

Reg. No. 344,681. Registered Mar. 30, 1937. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

GEORGIAN

FOR ABSORBENT FACE CLEANSING SHEETS MADE OF PAPER.
Claims use since Nov. 14, 1936.

Reg. No. 344,682. Registered Mar. 30, 1937. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

LADYSHIP

FOR ABSORBENT FACE CLEANSING SHEETS MADE OF PAPER.
Claims use since Nov. 14, 1936.

Reg. No. 344,683. Registered Mar. 30, 1937. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

ZENITH

FOR ABSORBENT FACE CLEANSING SHEETS MADE OF PAPER.
Claims use since Nov. 14, 1936.

Reg. No. 344,857. Registered Apr. 6, 1937. SENOUSCH SELF-CLOSING INKSTAND COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

handi-pen

The word "Pen" is disclaimed.
FOR WRITING PENS, AND DESK SETS COMPRISING INKSTANDS AND WRITING PENS.
Claims use since Aug. 10, 1936.

Reg. No. 345,728. Registered May 4, 1937. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

TROPIC

FOR ABSORBENT FACE CLEANSING SHEETS, MADE OF PAPER.
Claims use since Oct. 23, 1936.

Reg. No. 346,243. Registered May 18, 1937. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

ESTELLE

FOR ABSORBENT FACE CLEANSING SHEETS, MADE OF PAPER.
Claims use since Dec. 14, 1936.

CLASS 38

PRINTS AND PUBLICATIONS

Reg. No. 325,258. Registered June 18, 1935. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

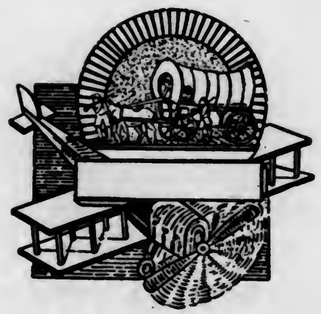
SELLING TO MEN

FOR BOOKLETS ISSUED FROM TIME TO TIME.
Claims use since February 1934.

CLASS 39

CLOTHING

Reg. No. 277,669. Registered Nov. 25, 1930. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR SUSPENDERS, GARTERS, ARM BANDS, AND BELTS FOR OUTER WEAR.
Claims use since about May 1, 1930.

Reg. No. 303,778. Registered June 6, 1933. MILFORD SHOE COMPANY, Milford, Mass., a corporation of Massachusetts. Republished by registrant.

MILFORD ARTISANS
ART IN SHOES

The words "Art in Shoes," are disclaimed.
FOR BOOTS AND SHOES OF LEATHER, RUBBER, FABRIC AND COMBINATIONS THEREOF.
Claims use since Nov. 15, 1932.

Reg. No. 304,667. Registered July 11, 1933. F. L. DUNNE CO., Boston, Mass., and New York, N. Y., a corporation of Massachusetts. Republished by registrant, present location Boston, Mass.



FOR CERTAIN ARTICLES OF CLOTHING FOR MEN OR WOMEN—NAMELY, HATS, CAPS, MUFFLERS, APPAREL BELTS, SPATS, SWEATERS, GLOVES MADE WHOLLY OR IN PART OF LEATHER OR FABRIC, HOSIERY, NECKTIES, COLLARS, COATS, WAISTCOATS, TROUSERS, KNICKERBOCKERS, RIDING BREECHES, ULSTERS, AND OVERCOATS.
Claims use since June 1929 on hats, caps, mufflers, belts, spats, sweaters, gloves, hosiery, neckties and collars; and since 1893 as to the other goods.

Reg. No. 316,771. Registered Sept. 4, 1934. CINDERELLA HAT COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

knit-knacks

FOR KNITTED AND CROCHETED HATS, BERETS, TURBANS, CAPS, SCARFS, MUFFLERS, COLLARS AND CUFFS FOR WOMEN, MISSES AND CHILDREN.
Claims use since January 1933.

Reg. No. 320,604. Registered Jan. 1, 1935. PHILIP S. BLOOM CO., Chicago, Ill. Republished by Phil-Maid, Inc., Chicago, Ill., a corporation of Delaware.

UniSlip

The word "Slip" is disclaimed.
FOR WOMEN'S UNDERWEAR SLIPS AND BRASSIERES.
Claims use since Jan. 2, 1933.

Reg. No. 327,143. Registered Aug. 20, 1935. MOE LEVY & SON, INC., New York, N. Y. Republished by Stuarts Clothes, Inc., New York, N. Y., a corporation of New York.

Bruce Dayl

FOR MEN'S SUITS AND OVERCOATS.
Claims use since Mar. 28, 1935.

Reg. No. 327,745. Registered Sept. 3, 1935. MILFORD SHOE COMPANY, Milford, Mass., a corporation of Massachusetts. Republished by registrant.

EXTREFLEX

FOR BOOTS AND SHOES OF LEATHER, RUBBER, FABRIC, AND COMBINATIONS THEREOF.
Claims use since Feb. 26, 1935.

Reg. No. 336,385. Registered July 7, 1936. MILFORD SHOE COMPANY, Milford, Mass., a corporation of Massachusetts. Republished by registrant.

POSTURE TRED

The word "Tred" is disclaimed.
FOR BOOTS AND SHOES OF LEATHER, RUBBER, FABRIC AND COMBINATIONS THEREOF.
Claims use since Nov. 1, 1935.

Reg. No. 344,681. Registered Mar. 30, 1937. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

GEORGIAN

FOR ABSORBENT FACE CLEANSING SHEETS MADE OF PAPER.
Claims use since Nov. 14, 1936.

Reg. No. 344,682. Registered Mar. 30, 1937. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

LADYSHIP

FOR ABSORBENT FACE CLEANSING SHEETS MADE OF PAPER.
Claims use since Nov. 14, 1936.

Reg. No. 344,683. Registered Mar. 30, 1937. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

ZENITH

FOR ABSORBENT FACE CLEANSING SHEETS MADE OF PAPER.
Claims use since Nov. 14, 1936.

Reg. No. 344,857. Registered Apr. 6, 1937. SENOBUSCH SELF-CLOSING INKSTAND COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

handi-pen

The word "Pen" is disclaimed.
FOR WRITING PENS, AND DESK SETS COMPRISING INKSTANDS AND WRITING PENS.
Claims use since Aug. 10, 1936.

Reg. No. 345,728. Registered May 4, 1937. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

TROPIC

FOR ABSORBENT FACE CLEANSING SHEETS, MADE OF PAPER.
Claims use since Oct. 23, 1936.

Reg. No. 346,243. Registered May 18, 1937. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

ESTELLE

FOR ABSORBENT FACE CLEANSING SHEETS, MADE OF PAPER.
Claims use since Dec. 14, 1936.

CLASS 38

PRINTS AND PUBLICATIONS

Reg. No. 325,258. Registered June 18, 1935. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

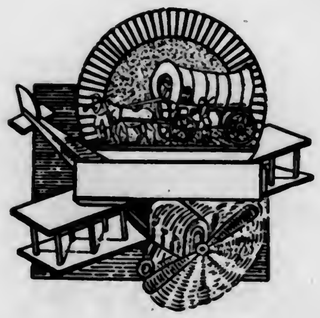
SELLING TO MEN

FOR BOOKLETS ISSUED FROM TIME TO TIME.
Claims use since February 1934.

CLASS 39

CLOTHING

Reg. No. 277,669. Registered Nov. 25, 1930. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR SUSPENDERS, GARTERS, ARM BANDS, AND BELTS FOR OUTER WEAR.
Claims use since about May 1, 1930.

Reg. No. 303,778. Registered June 6, 1933. MILFORD SHOE COMPANY, Milford, Mass., a corporation of Massachusetts. Republished by registrant.



The words "Art in Shoes," are disclaimed.
FOR BOOTS AND SHOES OF LEATHER, RUBBER, FABRIC AND COMBINATIONS THEREOF.
Claims use since Nov. 15, 1932.

Reg. No. 304,667. Registered July 11, 1933. F. L. DUNNE Co., Boston, Mass., and New York, N. Y., a corporation of Massachusetts. Republished by registrant, present location Boston, Mass.



FOR CERTAIN ARTICLES OF CLOTHING FOR MEN OR WOMEN—NAMELY, HATS, CAPS, MUFFLERS, APPAREL BELTS, SPATS, SWEATERS, GLOVES MADE WHOLLY OR IN PART OF LEATHER OR FABRIC, HOSIERY, NECKTIES, COLLARS, COATS, WAISTCOATS, TROUSERS, KNICKERBOCKERS, RIDING BREECHES, ULSTERS, AND OVERCOATS.
Claims use since June 1929 on hats, caps, mufflers, belts, spats, sweaters, gloves, hosiery, neckties and collars; and since 1893 as to the other goods.

Reg. No. 316,771. Registered Sept. 4, 1934. CINDERELLA HAT COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

knit-knacks

FOR KNITTED AND CROCHETED HATS, BERETS, TURBANS, CAPS, SCARFS, MUFFLERS, COLLARS AND CUFFS FOR WOMEN, MISSES AND CHILDREN.
Claims use since January 1933.

Reg. No. 320,604. Registered Jan. 1, 1935. PHILIP S. BLOOM CO., Chicago, Ill. Republished by Phil-Maid, Inc., Chicago, Ill., a corporation of Delaware.

UniSlip

The word "Slip" is disclaimed.
FOR WOMEN'S UNDERWEAR SLIPS AND BRASSIERES.
Claims use since Jan. 2, 1933.

Reg. No. 327,143. Registered Aug. 20, 1935. MOE LEVY & SON, INC., New York, N. Y. Republished by Stuarts Clothes, Inc., New York, N. Y., a corporation of New York.

Bruce Dayl

FOR MEN'S SUITS AND OVERCOATS.
Claims use since Mar. 28, 1935.

Reg. No. 327,745. Registered Sept. 3, 1935. MILFORD SHOE COMPANY, Milford, Mass., a corporation of Massachusetts. Republished by registrant.

EXTREFLEX

FOR BOOTS AND SHOES OF LEATHER, RUBBER, FABRIC, AND COMBINATIONS THEREOF.
Claims use since Feb. 26, 1935.

Reg. No. 336,385. Registered July 7, 1936. MILFORD SHOE COMPANY, Milford, Mass., a corporation of Massachusetts. Republished by registrant.

POSTURE TRED

The word "Tred" is disclaimed.
FOR BOOTS AND SHOES OF LEATHER, RUBBER, FABRIC AND COMBINATIONS THEREOF.
Claims use since Nov. 1, 1935.

Reg. No. 338,608. Registered Sept. 8, 1936. THE UNITED STATES SHOE CORPORATION, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

GOLD CROSS SHOE

The word "Shoe" is disclaimed.
FOR SHOES COMPOSED OF LEATHER, RUBBER OR FABRIC, OR A COMBINATION OF THESE MATERIALS.
Claims use since Oct. 10, 1932.

Reg. No. 342,494. Registered Jan. 19, 1937. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Fieldcrest

FOR MEN'S AND BOYS' HATS.
Claims use since Apr. 15, 1928.

Reg. No. 342,615. Registered Jan. 19, 1937. W. B. FOUNDATIONS, INCORPORATED, Newark, N. J., a corporation of New Jersey. Republished by registrant.

W·B

FOR CORSETS, GIRDLES, BRASSIÈRES, AND FOUNDATION GARMENTS.
Claims use since Nov. 1, 1887.

Reg. No. 342,678. Registered Jan. 26, 1937. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

FIELDCREST

FOR WOMEN'S HOSIERY AND FABRIC GLOVES.
Claims use since June 30, 1936.

Reg. No. 345,443. Registered Apr. 27, 1937. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

HOUSE & TOWN

The word "House" is disclaimed.
FOR WOMEN'S AND CHILDREN'S DRESSES.
Claims use since Sept. 15, 1936.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Reg. No. 31,769. Registered July 5, 1898. THE MORLEY BUTTON MANUFACTURING COMPANY, Boston, Mass. Republished by The Morley Company, Portsmouth, N. H., a corporation of Maine.

MILONITE

FOR BUTTONS.
Claims use since Feb. 1, 1898.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Reg. No. 294,706. Registered June 7, 1932. AMERICAN WOOLEN COMPANY, Boston, Mass., and New York, N. Y., a corporation of Massachusetts. Republished by registrant, present location New York, N. Y.

Tambo

FOR WOOLEN PIECE GOODS.
Claims use since Nov. 3, 1931.

Reg. No. 330,038. Registered Nov. 19, 1935. AMERICAN WOOLEN COMPANY, New York, N. Y., a corporation of Massachusetts. Republished by registrant.

GLOBE

FOR WORSTED PIECE GOODS.
Claims use since 1911.

Reg. No. 333,506. Registered Mar. 24, 1936. AMERICAN WOOLEN COMPANY, New York, N. Y., a corporation of Massachusetts. Republished by registrant.

BEAVERBROOK

FOR BLANKETS COMPOSED WHOLLY OR IN PART OF WOOL.
Claims use since Nov. 9, 1931.

Reg. No. 335,673. Registered June 9, 1936. AMERICAN WOOLEN COMPANY, New York, N. Y., a corporation of Massachusetts. Republished by registrant.



The words "Ski" and "Wet-N-Wind Proofed" are disclaimed.
FOR PIECE GOODS COMPRISED WHOLLY OR IN PART OF WOOL OR WORSTED.
Claims use since Dec. 19, 1935.

Reg. No. 343,526. Registered Feb. 23, 1937. AMERICAN WOOLEN COMPANY, New York, N. Y., a corporation of Massachusetts. Republished by registrant.

AMERICAN·WOOLEN·COMPANY

FOR WOOLEN GOODS—NAMELY, PIECE GOODS AND BLANKETS.
Claims use since June 7, 1904.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Reg. No. 302,079. Registered Mar. 28, 1933. BERKELEY COMPANY, Chicago, Ill. Republished by International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware.

Bon-Ton

FOR SANITARY NAPKINS.
Claims use since Jan. 3, 1931.

Reg. No. 315,710. Registered Aug. 7, 1934. VELDOWN COMPANY, INC., New York, N. Y. Republished by International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware.



A wide stripe colored blue. The representation of the goods is disclaimed.
FOR CATAMENIAL NAPKINS.
Claims use since Feb. 19, 1929.

Reg. No. 322,949. Registered Mar. 26, 1935. BERKELEY COMPANY, Chicago, Ill. Republished by International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware.

Laray

FOR SANITARY NAPKINS.
Claims use since June 1931.

Reg. No. 322,950. Registered Mar. 26, 1935. BERKELEY COMPANY, Chicago, Ill. Republished by International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware.

JERZETS

FOR SANITARY NAPKINS.
Claims use since March 1929.

Reg. No. 322,951. Registered Mar. 26, 1935. BERKELEY COMPANY, Chicago, Ill. Republished by International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware.

Cena-Naps

FOR SANITARY NAPKINS.
Claims use since April 1931.

Reg. No. 329,193. Registered Oct. 22, 1935. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

FIBS

FOR TAMPONS.
Claims use since Apr. 29, 1935.

Reg. No. 331,770. Registered Jan. 21, 1936. KOTEX COMPANY, assignor to International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware. Republished by International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware.

WONDERSOFT

The word "Soft" is disclaimed.
FOR SANITARY NAPKINS.
Claims use since Sept. 1, 1933.

Reg. No. 331,904. Registered Jan. 21, 1936. KOTEX COMPANY, assignor to International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware. Republished by International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware.

WONDER FORM

The word "Form" is disclaimed.
FOR SANITARY NAPKINS.
Claims use since 1928.

Reg. No. 340,113. Registered Nov. 3, 1936. ROBERT JEROME LINDQUIST, Los Angeles, Calif. Republished by registrant.

DESERT-SUN

The drawing is lined for gold and red.
FOR THERAPEUTIC LAMPS.
Claims use since Feb. 1, 1934.

Reg. No. 341,480. Registered Dec. 8, 1936. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

MODERN MISS

FOR SANITARY NAPKINS.
Claims use since Oct. 24, 1931.

Reg. No. 345,287. Registered Apr. 20, 1937. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

LADYSHIP

FOR SANITARY NAPKINS.
Claims use since Nov. 30, 1936.

Reg. No. 345,288. Registered Apr. 20, 1937. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

ESTELLE

FOR SANITARY NAPKINS.
Claims use since Nov. 30, 1936.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Reg. No. 278,030. Registered Dec. 2, 1930. BOOTH BOTTLING COMPANY, INC., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Booth's

FOR NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS.
Claims use since January 1890.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Reg. No. 78,227. Registered May 31, 1910. CANNON VALLEY MILLING COMPANY, Minneapolis, Minn. Republished by Cannon Valley Milling Co. (1938), Minneapolis, Minn., a corporation of Minnesota.



FOR WHEAT-FLOUR.
Claims use since Jan. 1, 1907.

Reg. No. 136,353. Registered Nov. 2, 1920. CANNON VALLEY MILLING COMPANY, Minneapolis, Minn. Republished by Cannon Valley Milling Co. (1938), Minneapolis, Minn., a corporation of Minnesota.

WINSOME

FOR WHEAT-FLOUR.
Claims use since June 2, 1913.

Reg. No. 136,354. Registered Nov. 2, 1920. CANNON VALLEY MILLING COMPANY, Minneapolis, Minn. Republished by Cannon Valley Milling Co. (1938), Minneapolis, Minn., a corporation of Minnesota.

SKY PILOT

FOR WHEAT-FLOUR.
Claims use since Oct. 26, 1908.

Reg. No. 232,724. Registered Sept. 13, 1927. THE SOUTHWESTERN MILLING CO., INC., New York, N. Y. Republished by Standard Milling Company, Chicago, Ill., a corporation of Illinois.



FOR WHEAT FLOUR.
Claims use since 1907.

Reg. No. 276,944. Registered Nov. 4, 1930. THE BUCKEYE COTTON OIL CO., Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.



The drawing is lined for red and blue. No claim is made for the representation of the bag or sack.
FOR COTTONSEED MEAL.
Claims use since Oct. 12, 1929.

Reg. No. 283,000. Registered May 12, 1931. THE PIONEER HATCHERY, INC., Petaluma, Calif., a corporation of California. Republished by registrant.



The words "Brand" and "Chicks" are disclaimed.
FOR LIVE BABY CHICKENS.
Claims use since Jan. 1, 1926.

Reg. No. 296,115. Registered July 26, 1932. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

XXXX
PATENT

FOR FLOUR MADE FROM WHEAT.
Claims use since Jan. 1, 1870.

Reg. No. 304,824. Registered July 18, 1933. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.



FOR SHORTENINGS—NAMELY, COTTONSEED OIL FOR COOKING, SALAD OILS, COOKING OILS, EDIBLE PEANUT OIL, EDIBLE COCOANUT OIL, SPECIAL HARDENED COCOANUT OIL AND COOKING FATS.
Claims use since July 15, 1931.

Reg. No. 319,548. Registered Nov. 27, 1934. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

OLIVBOTLES

FOR OLIVE OIL.
Claims use since August 1932.

Reg. No. 320,544. Registered Jan. 1, 1935. THE BUCKEYE COTTON OIL CO., Cincinnati, Ohio., a corporation of Ohio. Republished by registrant.

BUCKEYE

FOR COTTONSEED MEAL.
Claims use since 1902.

Reg. No. 322,991. Registered Mar. 26, 1935. STANDARD MILLING COMPANY, New York, N. Y. Republished by Standard Milling Company, Chicago, Ill., a corporation of Illinois.



FOR WHEAT FLOUR.
Claims use since Oct. 5, 1934.

Reg. No. 324,562. Registered May 21, 1935. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

VELDO

FOR SHORTENING.
Claims use since Jan. 9, 1935.

Reg. No. 326,833. Registered Aug. 6, 1935. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

PEER-AMID
BOTTLES

The word "Bottles" is disclaimed.
FOR OLIVE OIL.
Claims use since Feb. 6, 1935.

Reg. No. 329,941. Registered Nov. 19, 1935. BLANKE-BAER EXTRACT & PRESERVING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

WISHMORE

FOR JELLIES, FRUIT BUTTERS, FRUIT PRESERVES, PRESERVED FRUITS, OLIVES, SALAD DRESSING, RELISH SPREAD, MAYONNAISE AND PEANUT BUTTER.
Claims use since Nov. 18, 1924, on jellies, jams, fruit butters, fruit preserves, and preserved fruits; and since Apr. 1, 1933, on olives, salad dressing, sandwich spread, mayonnaise, and peanut butter.

Reg. No. 330,694. Registered Dec. 10, 1935. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Frango

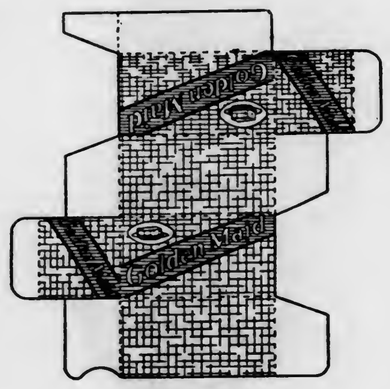
FOR CANDIES.
Claims use since June 1, 1918.

Reg. No. 336,050. Registered June 23, 1936. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Filbert's

FOR CANDIES.
Claims use since September 1935.

Reg. No. 338,124. Registered Sept. 1, 1936. THE MIAMI BUTTERINE CO., Cincinnati, Ohio. Republished by The Miami Margarine Company, Cincinnati, Ohio, a corporation of Ohio.



The representation of the carton is disclaimed. The drawing is lined for yellow, gold, and blue.
FOR MARGARINE.
Claims use since on or about Sept. 1, 1927.

Reg. No. 341,810. Registered Dec. 22, 1936. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.



FOR COPRA VEGETABLE CONCENTRATE FOR LIVESTOCK FEED.
Claims use since about 1917.

CLASS 47
WINES

Reg. No. 320,290. Registered Dec. 25, 1934. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.



The word "Bouquet" is disclaimed.
FOR WINE.
Claims use since February 1913.

CLASS 48
MALT BEVERAGES AND LIQUORS

Reg. No. 332,889. Registered Mar. 3, 1936. P. BALLANTINE & SONS, Newark, N. J., a corporation of New Jersey. Republished by registrant.



The words on the drawing are disclaimed.
FOR BEER, ALE, AND PORTER.
Claims use since Sept. 25, 1935.

Reg. No. 336,563. Registered July 7, 1936. P. BALLANTINE & SONS, Newark, N. J., a corporation of New Jersey. Republished by registrant.

BALLANTINE'S

FOR BEER, ALE, PORTER, AND STOUT.
Claims use since 1840.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Reg. No. 320,197. Registered Dec. 18, 1934. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

BOUQUET

The word "Bouquet" is disclaimed.
FOR COGNAC AND CREME DE MENTHE.
Claims use since February 1913.

Reg. No. 324,878. Registered June 4, 1935. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

CARLSHAMNS

FOR BLENDED WHISKEY, AMERICAN WHISKEY, DANISH WHISKEY, SCOTCH WHISKEY, IRISH WHISKEY, CANADIAN WHISKEY, PREPARED COCKTAILS, LIQUEUR, APRICOT LIQUEUR, CASSIS LIQUEUR, BRANVIN, BRANDY, CHERRY BRANDY, BLACKBERRY BRANDY, APPLE BRANDY, COGNAC, AQUAVIT, CREME DE MENTHE, DISTILLED GIN, SLOE GIN, AKVAVIT, KIRSCHWASSER, APPLE JACK, RUM, VODKA, MARASCHINO.
Claims use since 1882.

Reg. No. 331,301. Registered Dec. 31, 1935. FELTON & SON, INC., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

PILGRIM

FOR RUM.
Claims use since Nov. 14, 1933.

Reg. No. 331,782. Registered Jan. 21, 1936. ALEXANDER YOUNG DISTILLING CO., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Y.P.M.

FOR WHISKEY.
Claims use since 1856.

Reg. No. 333,462. Registered Mar. 24, 1936. BUSHMILL WINE PRODUCTS COMPANY, INC., Scranton, Pa. Republished by Brookside Distilling Products Corporation, Scranton, Pa., a corporation of Delaware.

Overbrook

FOR WHISKEY.
Claims use since Dec. 5, 1933.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Reg. No. 329,389. Registered Oct. 29, 1935. ARMSTRONG CORK & INSULATION COMPANY, Lancaster, Pa. Republished by Armstrong Cork Company, Manheim Township, Lancaster County, Pa., a corporation of Pennsylvania.

A

FOR CLOSURES FOR BOTTLES AND CONTAINERS.
Claims use since about Nov. 8, 1934.

REISSUES

MARCH 16, 1948

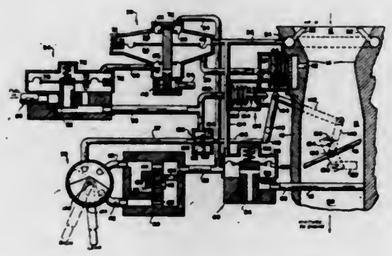
22,984

CONTROL APPARATUS

Milton E. Chandler, New Britain, Conn., assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn., a corporation of New Jersey

Original No. 2,394,664, dated February 12, 1946, Serial No. 519,611, January 25, 1944. Application for reissue October 1, 1946, Serial No. 700,359

14 Claims. (Cl. 261—50)



8. Control apparatus for an internal combustion engine in an aircraft, comprising throttle means for controlling the flow of air to said engine for combustion purposes, a manually movable control member remote from said throttle means, linkage connecting said member and said throttle means, a conduit for fuel flowing to said engine, valve means in said conduit for controlling the fuel flow therethru, means for applying an opening force to said valve means including a diaphragm subject to fuel pressure in said fuel conduit, and a member connected to said throttle means for movement therewith, said member being positioned adjacent said valve means and adapted to engage said valve means to cause a following movement thereof whenever said throttle means is in a position adjacent its closed position, said force applying means being effective upon failure of said linkage to move said throttle means to a partially open position.

22,985

LUBRICANT COMPOSITION

Austin T. Collins, deceased, late of Detroit, Mich., by Miracle Lubricating Corporation, assignee, Detroit, Mich.

No Drawing. Original No. 2,426,983, dated September 9, 1947, Serial No. 576,509, February 6, 1945. Application for reissue January 23, 1948, Serial No. 3,883

3 Claims. (Cl. 252—29)

1. A dispersion of synthetic graphite in a volatile liquid for coating surfaces by drying through volatilization consisting essentially of a mixture of about one part by weight of synthetic graphite to about four parts by weight of methyl alcohol, one part of said graphite-alcohol mixture being mixed with about nine to twelve parts by volume of a volatile chlorinated hydrocarbon of the class consisting of carbon tetrachloride and trichlorethylene.

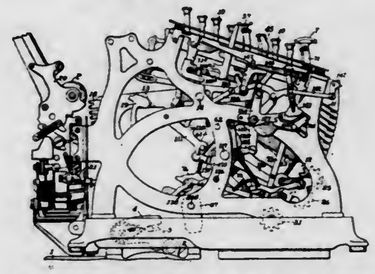
22,986

CALCULATING MACHINE

Arthur J. Fettig, Detroit, Mich., assignor to Burroughs Adding Machine Company, Detroit, Mich., a corporation of Michigan

Original No. 2,261,242, dated November 4, 1941, Serial No. 97,091, August 21, 1936. Application for reissue June 1, 1942, Serial No. 445,355

17 Claims. (Cl. 235—60)



1. A calculating machine of the class described having a plurality of actuators, an add subtract register, mechanism for movably supporting said register for engagement with the actuators in different relations for addition and positive total taking, and subtraction and true negative total taking, respectively, means for shifting said register to condition it for either type of engagement, and means operating to enter a fugitive one in said register during said shifting movement.

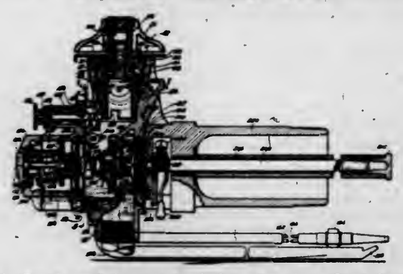
22,987

SAFETY CONTROL FOR GASEOUS FUEL BURNERS

Wilbur F. Jackson, Compton, and Thomas H. Jeffers, Inglewood, Calif., assignors to Robertshaw-Fulton Controls Company, a corporation of Delaware

Original No. 2,361,944, dated November 7, 1944, Serial No. 393,396, May 14, 1941. Application for reissue August 3, 1945, Serial No. 608,839½

27 Claims. (Cl. 158—117.1)

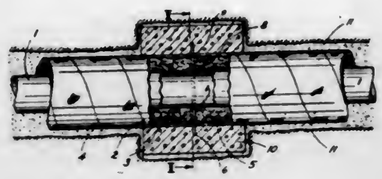


1. In a safety control for gaseous fuel burners, the combination of a main fuel valve movable between positions for controlling supply of fuel to the burner, a control valve positioned normal to said main valve for intercepting the supply of fuel to the burner, electromagnetic means in axial alignment with said control valve and adapted to govern the operation thereof, manually actuable means extending substantially

parallel with the axis of said control valve and into the path of movement of said main valve to set said electromagnetic means for governing operation, said manually actuable means being operable in only one position of said main valve, and a pivoted member extending between said electromagnetic and manually actuable means for transmitting movements of one to the other.

22,988
ANCHOR
William S. McLeish, Barberton, Ohio, assignor to The Ric-wiL Company, Cleveland, Ohio, a corporation of Ohio
Original No. 2,360,067, dated October 10, 1944, Serial No. 441,991, May 6, 1942. Application for reissue January 19, 1948, Serial No. 2,984
6 Claims. (Cl. 138—48)

1. An underground conduit securing means comprising a perforated plate through the perforation of which a pipe extends, the plate being permanently and unitarily fixed to the exterior of the pipe, a casing consisting of two parts surrounding the pipe, and abutting opposite sides of



the plate, sealing means connecting the parts of the casing to the sides of the plate, the plate extending substantially beyond the periphery of the casing to transmit pressure to the ground.

PLANT PATENTS

GRANTED MARCH 16, 1948

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

789
ROSE PLANT
Eugene S. Boerner, Newark, N. Y., assignor to Jackson & Perkins Company, Newark, N. Y., a corporation of New York
Application January 27, 1947, Serial No. 724,624
1 Claim. (Cl. 47—61)

A new and distinct variety of rose plant characterized as to novelty by the color of the bud and flower; the distinctive fragrance of the cut flowers; the perfect high-centered shape in miniature and opening up into graceful flat flowers; the habit and unique effect of blooming both in large clusters and in individual flowers; and the staunch nature of the foliage, substantially as shown and described.

790
CHRYSANTHEMUM PLANT
Emil Prushek, Niles, Mich., assignor to Jackson & Perkins Company, Newark, N. Y., a corporation of New York
Application December 16, 1946, Serial No. 716,483
1 Claim. (Cl. 47—60)

A new and distinct variety of chrysanthemum plant characterized as to novelty by its hardiness and permanence, freedom of growth, its habit of producing many underground stems and great numbers of wiry flower-producing stems, its habit in mature plants of sending up many stems with clusters of blooms at the top and formation of later blooms in axils of the leaves along the stems, thereby creating a long blooming period, the flat shape of the blossoms and the distinctive color of such blossoms, substantially as shown and described.

791
ROSE PLANT
Herbert C. Swim, Ontario, Calif., assignor, by mesne assignments, to Mount Arbor Nurseries, Shenandoah, Iowa, a corporation of Iowa
Application February 13, 1947, Serial No. 728,339
1 Claim. (Cl. 47—61)

A new and distinct variety of Hybrid Tea rose plant, characterized as to novelty by the color of the flowers; by the greater length and the form, of the bud as compared with other varieties in the same petalage and color class; by the upright-growing habit of the plant, of greater vigor and floriferousness than found in other very double roses in the same color class; by the abundance of large, flat, leathery leaves; the above-average resistance of the leaves to mildew for roses of the color range of this variety; and the scarcity of large and small prickles on the main stems but relatively greater number of small prickles on the branches, substantially as shown and described.

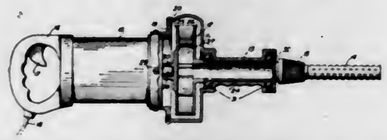
792
ROSE PLANT
Herbert C. Swim, Ontario, Calif., assignor to Armstrong Nurseries, Inc., Ontario, Calif., a corporation of California
Application February 19, 1947, Serial No. 729,599
1 Claim. (Cl. 47—61)

A new and distinct variety of rose plant, characterized as to novelty by the vigorous upright-growing habit; the production of flat, glossy dark-green medium size foliage during spring growing with increase in size until attainment of large proportions during late summer and fall; high resistance to mildew and anthracnose; by its long moderately heavy stems having a fairly large number of medium to large thorns in the spring which diminish in late season until relative freedom of thorns is reached; by the shape of bud and open bloom combined with wide contrast between outer surface petal color and inner surface petal color and extreme brilliance of the latter in the opening bud and newly opening flower, substantially as shown and described.

PATENTS

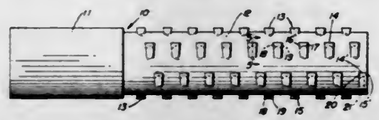
GRANTED MARCH 16, 1948

2,437,668
POWER-DRIVEN ROTARY CYLINDRICAL SAW
Robert E. Adams, McDonough, Ga., assignor of one-half to Richard P. Bernhardt, McDonough, Ga.
Application April 29, 1946, Serial No. 665,785
2 Claims. (Cl. 143—43)



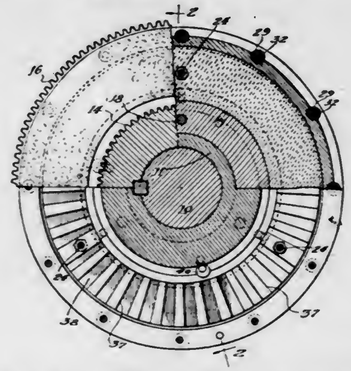
1. In a portable power-operated rotary cutting tool, a casing having a motor housing at its rear provided with a hand grip and a hollow portion at its front provided with an exit opening and an elongated tubular extension forming a second hand grip, a motor in said housing, a suction fan connected to said motor mounted in said hollow portion and having a tubular shaft projecting through said tubular extension, a tubular cutting member detachably connected to said tubular shaft and having its hollow interior communicating with the hollow interior of said shaft, said tubular cutting member having a plurality of cutting teeth formed on its outer surface and having an opening located beneath each tooth leading into its hollow interior, whereby, when said tool is operated, the saw dust will be sucked through said openings in the tubular cutting member, pass through the tubular shaft and be expelled through the exit opening in the casing.

2,437,669
LATERALLY-CUTTING ROTARY CYLINDRICAL SAW
Robert E. Adams, McDonough, Ga., assignor of one-half to Richard P. Bernhardt, McDonough, Ga.
Application May 20, 1946, Serial No. 670,978
2 Claims. (Cl. 143—133)



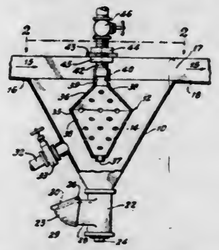
1. A rotary saw comprising a substantially cylindrical member having a plurality of cutting teeth formed on its outer surface, each of said teeth being formed with its outer surface projecting tangentially from the outer surface of said cylindrical member and having its lower forward base portion cut away to define a substantially radial V-shaped cutting edge, and having its upper forward base portion projecting forwardly over the V-shaped edge and the cut away portions to form a pair of diverging side pockets and having its outer edge formed as a horizontal cutting edge spaced angularly forward of and radially above said substantially radial cutting edge.

2,437,670
FLUID OPERATED CLUTCH
Nicholas F. Adamson, Racine, Wis., assignor to Twin Disc Clutch Company, Racine, Wis., a corporation of Wisconsin
Application November 6, 1943, Serial No. 509,332
13 Claims. (Cl. 192—85)



2. In a fluid operated clutch, the combination of an annular cylinder for receiving the fluid medium, a piston movable in the cylinder, a clutch pressure plate operably related to and shiftable by the piston in one direction, grooves formed in the outer wall of the cylinder for increasing the surface area thereof to facilitate cooling, and spring means mounted in the cylinder wall for moving the plate in the opposite direction, portions of the means being exposed through the grooves for cooling.

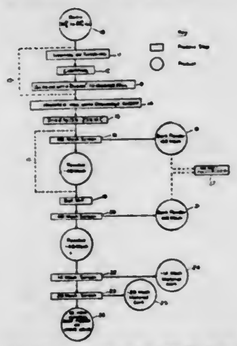
2,437,671
VERTICAL CURRENT MINERAL CONCENTRATOR
John Carter Anderson, Los Angeles, Calif.
Application February 11, 1944, Serial No. 521,921
3 Claims. (Cl. 209—160)



1. Apparatus for concentrating ores comprising: a concentrator receptacle; a water distributing header disposed within said receptacle and establishing a concentrating chamber around the header, said receptacle and header having sloping downwardly converging walls, the receptacle walls being respectively substantially par-

allel to corresponding header walls, said header having a plurality of water discharge ports for distributing water through a mineral bed accumulated in said concentrating chamber; means to supply water to said header; means to supply ore to said receptacle; means adapted to adjust the header and vary the width of the concentrating chamber between said walls to regulate the effects of water distribution into ore in said chamber; means to receive tailings from the top to said receptacle; and means to withdraw concentrate from the lower portion of said receptacle.

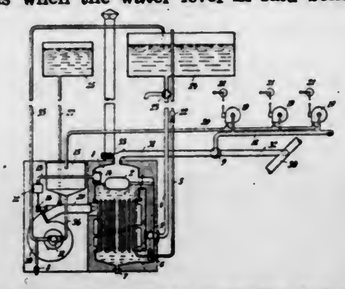
2,437,672
METHOD OF TREATING BARK
Herman W. Anway, Cloquet, Minn., assignor to Weyerhaeuser Timber Company, Longview, Wash., a corporation of Washington
Application September 27, 1944, Serial No. 556,097
6 Claims. (Cl. 241—14)



3. The method of treating bark for the production of cork, fiber and bark powder, which comprises selecting bark having a moisture content of a value to promote comminution to an aggregate of bark matrices of not to exceed a predetermined size and consisting essentially of the several constituents of the whole bark, grinding said bark to provide an aggregate of bark matrices of not to exceed said predetermined size, adjusting the moisture content of the bark matrices to a value at which, in a subsequent comminuting step, a cleavage is effected between the several constituents of the bark, disuniting fiber bundles, cork and the non-fibrous portion of the phloem, finely comminuting the non-fibrous portion of the phloem, and reducing the fibrous portion of the phloem to ultimate fibers without substantial comminution of the cork and individual fibers, for promoting selective segregation of the cork, ultimate fibers and finely comminuted portion of the phloem.

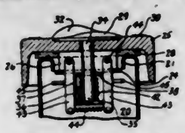
2,437,673
LOW-PRESSURE STEAM HEATING SYSTEM FOR VEHICLES
Hans Appel, Prague, Germany; vested in the Attorney General of the United States
Application January 16, 1941, Serial No. 374,611
In Czechoslovakia December 24, 1938
2 Claims. (Cl. 237—6)

1. A low pressure steam heating system for vehicles, comprising, in combination, a small water capacity steam boiler disposed on the vehicle, radiators, a steam main interconnecting said boiler and said radiators, an automatic heat supply mechanism connected with said boiler for supplying heat thereto and including boiler pressure responsive means controlling the heat supply in accordance with the boiler pressure, a feed water storage tank located in the vehicle above the elevation of said boiler, a conduit connecting the water space of said tank with the water space of said boiler, valve means in said conduit, water level responsive means connected with said boiler and with said valve means and opening said valve means when the water level in said boiler has



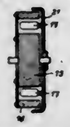
reached a predetermined minimum and closing said valve means when the water level in said boiler has reached a predetermined maximum, and a U-shaped stand pipe having a shorter branch extending from the bottom of the boiler upwardly in the water space of the boiler to the minimum permissible water level, and a longer branch extending from the bottom of the boiler to a level in the storage tank above the water level in said tank.

2,437,674
CONTAINER SAFETY LOCK
John W. Armbruster, East Rockaway, N. Y.
Application August 8, 1942, Serial No. 454,118
6 Claims. (Cl. 70—173)



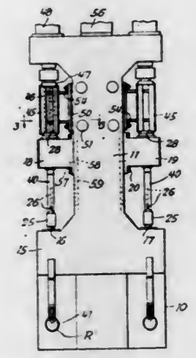
2. In a device of the class described, a cover for a container with an opening having a latching flange, a catch plate on said cover to engage said flange, a pressure relief opening in the cover, a manipulative lock on said cover with lock parts for engaging said flange, a part of said lock being movable relative to the cover and other lock parts, a valve head on said lock part, and resilient means for normally holding said head closed over said pressure relief opening.

2,437,675
CURRENT-GENERATING GEAR FOR POCKET ELECTRIC LAMPS
Georges Bardin, Tournus, France; vested in the Attorney General of the United States
Application April 16, 1941, Serial No. 388,811
In France May 11, 1940
6 Claims. (Cl. 171—209)



1. A current-generating gear for pocket electric lamps comprising an actuator, a unidirectional impeller, a link interconnecting the actuator and impeller and having its pivotal connection with said impeller offset from the impeller axis, a magnetic rotor driven directly by the impeller and fitted with an annular nonmagnetic flywheel, and a stator having oppositely disposed windings and encompassing the rotor, said rotor and stator being circumscribed and peripherally enclosed by the flywheel.

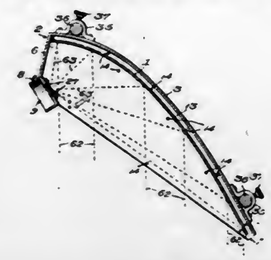
2,437,676
PISTON RING BORING MACHINE
Albert H. Bates, Rockford, Ill.
Application January 1, 1945, Serial No. 570,998
6 Claims. (Cl. 77—1)



1. A ring boring machine, comprising in combination a hollow frame, a housing mounted thereon and supporting a sizing ring for centering rings to be bored by engagement therewith about their peripheries, means for supporting a stack of rings in coaxial face to face relationship and substantially concentric to said sizing ring preliminary to their movement through said sizing ring, means for moving said rings through said sizing ring, a boring head mounted in said housing concentric with said sizing ring for boring the rings as they are moved through said sizing ring past said head, said housing having an exhaust opening therein communicating with the inside of said frame, and an exhaust conduit adapted to be connected with suitable exhaust means and connected to said frame and communicating with the inside thereof.

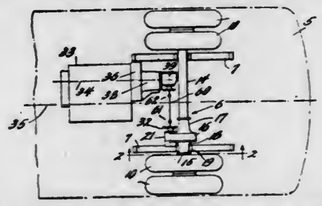
2,437,677
GUN AIMING POST HAVING PARABOLIC REFLECTING SURFACE
Leo H. Brown, Glenville, Conn.
Application June 23, 1944, Serial No. 541,806
8 Claims. (Cl. 88—1)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In an aiming post for laying guns in azimuth, a housing having one side open, a portion of a concave parabolic cylindrical reflector surface mounted in said housing opposite said open side and fully observable through said side from a remote position, illuminable means carried by said housing at the focus of said surface and forming a narrow elongated reticle parallel to the generatrix of said surface, the image of said reticle being observable as a narrow line for all



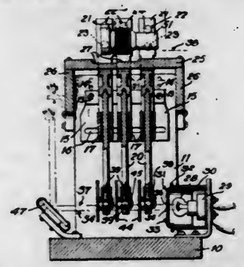
positions of the eye laterally between the boundary reflected rays.

2,437,678
VEHICLE DRIVING MECHANISM
Lawrence R. Buckendale, Detroit, Mich.
Application April 7, 1944, Serial No. 530,023
13 Claims. (Cl. 180—54)



1. In combination with a vehicle drive axle, a gear driven differential unit at one side of the vehicle center line for driving said axle, said unit including a driving shaft therefor in laterally offset substantially parallel relation to the vehicle axle, an engine mounted with its crankshaft at the opposite side of the vehicle center line, transmission and power-take-off units in successive connected relation with the engine, said power-take-off unit having an output shaft substantially parallel with the vehicle axle, and a propeller shaft operatively connecting said output shaft with the differential driving shaft.

2,437,679
MULTIPLE SNAP GAGE
Archie R. Burgess, St. Louis, Mo.
Application November 21, 1945, Serial No. 630,103
9 Claims. (Cl. 33—168)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A gage device comprising a plurality of combined maximum and minimum snap gages for

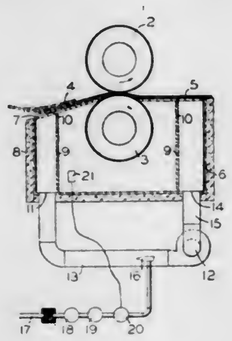
a given work piece of required external cross sectional measurements at longitudinally spaced parts, means to support the gages for independent sliding movement with an engaged work piece translatively in a direction normal to a predetermined axis of the piece, a light source spaced laterally from said axis and control means operatively connected with said gages constructed and cooperative with said light source to pass a beam therefrom in response to engagement of the gages with a standard size work piece at a given position in said sliding movement, and to interrupt at least a part of the beam at other positions of the control means.

2,437,680

MOISTURE CONTROL DEVICE

Frank H. Cornelius, Lancaster, Pa., assignor to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania

Application January 11, 1945, Serial No. 572,409
15 Claims. (Cl. 91—48)



1. In a device for controlling the amount of condensate on the exterior surface of a calender roll, the combination of a housing enclosing the calender roll, means for injecting vapor into said housing, and controlling means responsive to the amount of vapor in said housing for controlling the injecting means.

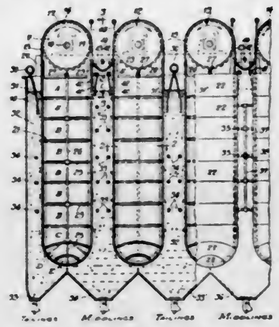
2,437,681

SUBMERGED-BELT TYPE MAGNETIC SEPARATOR

Robert E. Crockett and Page S. Haselton, Montclair, N. J.

Application May 27, 1943, Serial No. 488,668
21 Claims. (Cl. 209—232)

1. A magnetic separator comprising a tank for receiving a liquid mixture of magnetic particles and other material to be separated therefrom, a belt extending in the tank, means for supporting and driving said belt with a stretch thereof running upward substantially vertically from out of the liquid, and whereby an extended portion of such stretch is suspended in a position below the liquid level without substantial sagging or deviation from a vertical plane, means for feeding the mixture into the tank at a position spaced substantially from the region where said stretch portion passes up out of the liquid, and a plurality of magnets with pole pieces in alignment along one surface of said upwardly running stretch of the belt, whereby magnetic particles are caused to adhere to the opposite surface of said upwardly



running stretch and be carried up out of the liquid.

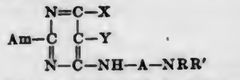
2,437,682

PYRIMIDINE COMPOUNDS AND PROCESSES FOR MAKING THE SAME

Francis Henry Swinden Curd, Clifford Gordon Raison, and Francis Leslie Rose, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application May 26, 1944, Serial No. 537,536. In Great Britain June 11, 1943
13 Claims. (Cl. 260—251)

1. As new compounds, the pyrimidine derivatives of the formula—



wherein Am stands for an arylamino group which is free of acidic substituents, A is a linking radical selected from the group consisting of aliphatic, alicyclic and aliphatic-carbocyclic bivalent radicals, NRR' is a strongly basic radical selected from the group consisting of primary, secondary and tertiary amine radicals and heterocyclic nitrogenous base radicals, X is a member of the group consisting of hydrogen and hydrocarbon radicals, Y is a member of the group consisting of hydrogen, halogen, lower alkyl, phenyl, benzyl and phenoxy.

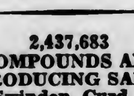
2,437,683

PYRIMIDINE COMPOUNDS AND METHOD OF PRODUCING SAME

Francis Henry Swinden Curd, Clifford Gordon Raison, and Francis Leslie Rose, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application April 5, 1945, Serial No. 586,820. In Great Britain June 11, 1943
16 Claims. (Cl. 260—251)

1. A compound selected from the group consisting of the free base form, salts and tautomers of the pyrimidine derivatives which in form of free base correspond to the following formula



where X stands for a member of the group consisting of hydrogen, lower alkyl and phenyl; Y is

a member selected from the group consisting of hydrogen, lower alkyl, phenyl, benzyl, phenoxy, halogen and nitro; one of the members G and G' is the N-radical of an aromatic amine which contains not more than 10 C-atoms in its cyclic skeleton and whose cyclic carbon atoms have their extranuclear valencies satisfied by attachment to members selected from the group consisting of hydrogen, halogen, lower alkyl, alkoxy, alkyl-thio, alkylamino, carbomethoxy, phenyl, nitro and cyano; while the other of said members G and G' represents a strongly basic radical of the form



wherein R'' stands for a member of the group consisting of hydrogen and methyl, Q is the N-radical of a nitrogenous base selected from the group consisting of lower monoalkyl-amines, lower dialkyl amines, piperidine and pyrrolidine, while A is a divalent, saturated, aliphatic radical which interposes between Q and N not less than 2 and not more than 5 carbon atoms and which has one of the forms: alk, alk—O—alk,

and



"alk" being a lower alkyl radical.

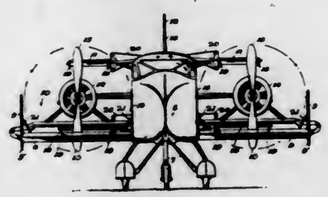
14. A process for producing the organic compounds defined in claim 1, which comprises reacting a diamine of formula Q—A—NHR'', wherein Q, R'' and A have the same significance as in claim 1, with a pyrimidine derivative as therein defined except that it carries a labile group in lieu of the substituent G.

2,437,684

AIRCRAFT HAVING HIGH-LIFT WING CHANNELS

Willard R. Custer, Hagerstown, Md.

Application August 31, 1940, Serial No. 355,055
5 Claims. (Cl. 244—12)



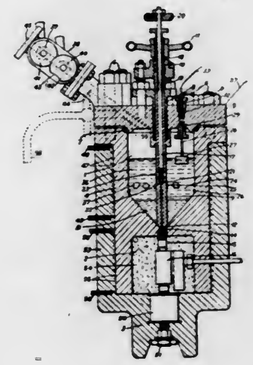
2. An airplane having a lifting surface, said lifting surface provided with an upwardly opening fore-and-aft channel, a propeller mounted adjacent the rear of said channel, with the propeller disc in a plane transverse to the channel axis, the distance of the propeller axis above the bottom of the channel being at least one third the diameter of the propeller, the side walls of said channel extending upwardly from the bottom of the channel a distance of at least one third of the propeller diameter, the center of said propeller being substantially mid-way of the channel side walls, and the width of the channel being substantially equal to the diameter of the propeller whereby material leakage of air between the propeller disc and channel is prevented, the region above the propeller disc being completely unobstructed.

2,437,685

PROCESS AND APPARATUS FOR THE MELT EXTRUSION OF ARTIFICIAL MATERIALS

Henry Dreyfus, London, England; Claude Bonard, administrator of said Henry Dreyfus, deceased, assignor to Celanese Corporation of America, a corporation of Delaware

Application February 15, 1944, Serial No. 522,458
In Great Britain January 4, 1943
Section 1, Public Law 690, August 8, 1946,
Patent expires January 4, 1963
12 Claims. (Cl. 18—8)



1. Process for the extrusion of a fusible organic filament-forming composition, said process comprising supplying fused composition to a point from which it is to be extruded by supplying solid composition to a body of heating liquid that is immiscible with and chemically inert to said composition, passing said composition through said body of heating liquid to said point and maintaining said heating liquid at a temperature sufficiently high to melt the composition in its passage through said heating liquid, and continuously extruding the molten composition, without interruption for the supplying of said solid composition.

2,437,686

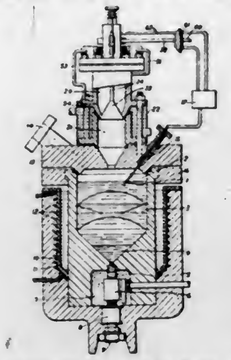
PROCESS FOR THE EXTRUSION OF FUSED ARTIFICIAL MATERIALS

Henry Dreyfus, London, England; Claude Bonard, administrator of said Henry Dreyfus, deceased, assignor to Celanese Corporation of America, a corporation of Delaware

Application November 29, 1944, Serial No. 565,711
In Great Britain November 24, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires November 24, 1963
4 Claims. (Cl. 18—54)

1. Process for the production of artificial materials by the extrusion of fused thermoplastic compositions, said process comprising melting the composition in a vessel containing an atmosphere other than air and inert to the composition by contact in said vessel with a liquid heating medium inert to and of lower density than the composition and withdrawing the molten composition from below the surface of said medium in said vessel for extrusion, and maintaining the supply of composition in said vessel by charging solid composition at intervals into a lock chamber that is closed to said vessel, closing said lock chamber and bringing its atmosphere substan-

tially to the composition of that within said vessel, and then opening said lock chamber to said



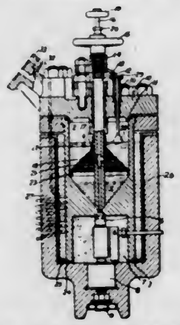
vessel and transferring the charge of solid composition from said lock chamber to the vessel.

2,437,687

MELT EXTRUSION OF ARTIFICIAL FILAMENTS, FILMS AND THE LIKE AND APPARATUS THEREFOR

Henry Dreyfus, London, and William Pool, Spondon, near Derby, England; Claude Bonard, administrator of said Henry Dreyfus, deceased, assignors to Celanese Corporation of America, a corporation of Delaware

Application December 7, 1944, Serial No. 567,062
In Great Britain November 24, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires November 24, 1963
15 Claims. (Cl. 18—8)



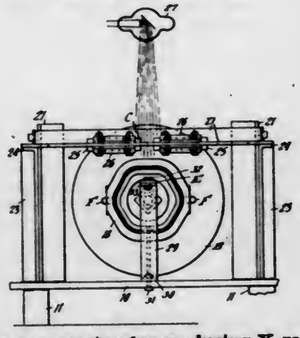
8. Apparatus for the production of artificial materials by the extrusion of fused thermoplastic compositions, said apparatus comprising a melting vessel, a heating medium in said vessel that is liquid at the melting temperature of the composition to be extruded and is adapted to melt solid composition in said vessel by contact therewith, heating means for suppling heat to said heating medium at a locality of said vessel, means for withdrawing fused composition from said vessel and extruding it as it is so withdrawn, and stationary baffle means within said vessel and below the level of said medium, said baffle means extending over substantially the whole area of cross-section of said vessel so as to positively constrain the composition, as it passes through said heating medium to said withdrawing means, into the immediate locality at which heat is supplied by said heating means.

2,437,688

APPARATUS FOR X-RAY PHOTOGRAPHING TUBULAR STEEL CASTINGS

Eric G. Forssell, Kenmore, N. Y., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware

Application January 12, 1945, Serial No. 572,562
4 Claims. (Cl. 250—65)



1. In an apparatus for producing X-ray photographs of tubular steel castings, the combination with a rotary supporting table; of means for transmitting slow rotary motion to said table; means on said table for clamping a tubular steel castings thereon with its central longitudinal axis in alignment with the axis of rotation of the table; a hollow tubular photographic film holder mounted within said casting for rotation in unison therewith, said holder fitting within the tubular casting and having a photographic film arranged annularly therein; a screen of material impervious to X-rays parallel to the axis of rotation of said table at one side of the latter, said screen having an elongated aperture therethrough, the length of said aperture being parallel to said axis of rotation; a screen impervious to X-rays within said film holder, said second named screen being mounted on a fixed support and being of greater width than said aperture; and an X-ray tube remote from said table, said first named screen being introduced between the X-ray tube and the tubular casting on said table.

2,437,689

PROCESS FOR MAKING NEEDLE FELTS

Carleton S. Francis, Jr., West Harwich, Mass., assignor, by mesne assignments, to American Viscose Corporation, Wilmington, Del., a corporation of Delaware

No Drawing. Original application October 23, 1939, Serial No. 300,876. Divided and this application April 11, 1944, Serial No. 530,553
5 Claims. (Cl. 154—101)

1. The process of making self-binding fabric having a woven textile base, which consists in mixing non-fusible and fusible fibres into a bat, needle punching the bat upon a textile base, and then subjecting the two plies thus formed to heat and pressure to fuse the latter fibres into an anchoring web on both sides of the textile base.

2,437,690

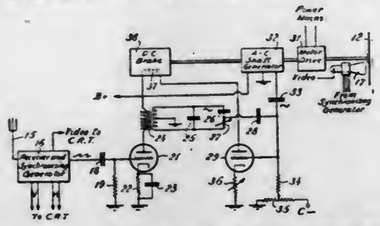
COLOR TELEVISION

Peter C. Goldmark, New Canaan, Conn., assignor to Columbia Broadcasting System, Inc., New York, N. Y., a corporation of New York

Application December 12, 1945, Serial No. 634,464
9 Claims. (Cl. 178—5.2)

1. In a color television system of the sequential type having a synchronizing signal in fixed time

relationship with the video signal, apparatus comprising a scanning device substantially in synchronism with said synchronizing signal, a movable color filter element cooperating with said scanning device, a nonsynchronous motor coupled to drive said color filter element, a generator coupled to said color filter element and adapted to produce a control signal, control means responsive to a change in phase of two



signals supplied thereto to change the speed of movement of said color filter element, an adjustable phase-shifting circuit, and means for supplying one of said synchronizing and control signals to said control means and the other through said adjustable phase-shifting circuit to said control means, whereby the color filter element may be synchronized with said scanning device and the relative phase therebetween electrically adjusted.

2,437,691

MANUFACTURE OF 2:4-DIAMINO-1:3:5-TRIAZINES

Adolf Grün, Basel, Switzerland, assignor to J. R. Geigy A. G., Basel, Switzerland

No Drawing. Application March 13, 1942, Serial No. 434,624. In Switzerland April 25, 1939
10 Claims. (Cl. 260—249.5)

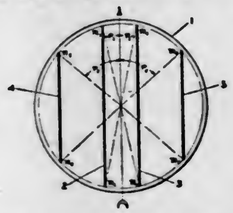
1. A process for the manufacture of derivatives of 2:4-diamino-1:3:5-triazines, comprising causing a diguanide selected from the group consisting of diguanide, a monoalkyl substituted diguanide, a monoaryl substituted diguanide of the benzene series, an alkylaryldiguanide of the benzene series and an alkylbenzyldiguanide to react with a carboxylic acid halide in presence of a hydrohalogen-binding agent selected from the group consisting of the alkali metal carbonates, alkaline earth metal carbonates, alkali metal bicarbonates and alkaline earth metal bicarbonates.

2,437,692

MAGNETIC COMPASS

Edward W. Hart, San Diego, Calif.

Application May 3, 1945, Serial No. 591,770
4 Claims. (Cl. 33—225)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a magnetic compass, a pair of substantially identical inner magnetic needles, a pair of substantially identical outer magnetic needles, said needles being substantially parallel and having their like poles oriented in the same directions and all of their poles lying substantially on the same circle, and having pole strengths and being positioned laterally substantially in accordance with the formula

$$\frac{m_1}{m_2} = -\frac{\cos 3p_2}{\cos 3p_1} = -\frac{\cos 5p_2}{\cos 5p_1}$$

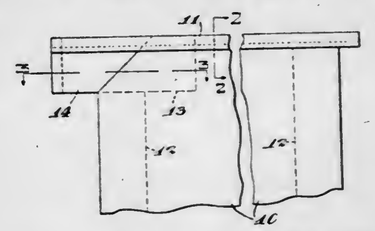
wherein m_1 and m_2 represent the pole strengths of the inner and outer needles respectively, and p_1 and p_2 represent the pole angles of the inner and outer needles respectively, and means to support said needles in the foregoing relationship.

2,437,693

HEAT-SEALED VALVE BAG

Carl Henry Hartman, New Rochelle, N. Y., assignor to St. Regis Paper Company, New York, N. Y., a corporation of New York

Application August 7, 1944, Serial No. 548,393
4 Claims. (Cl. 229—62.5)



1. A multi-ply valve bag comprising a plurality of plies of paper, the inner ply of paper being lined with thermoplastic material, an end-closing sewed seam, a corner of the bag being turned in at one end of the seam to form a valve, a sleeve in the valve formed of a sheet of paper having its outer side covered with thermoplastic material, its inner end folded outward and the thermoplastic material thereon being heat-sealed to the bag lining material on the inner end of the valve, the longitudinal edges of the sheet being folded inward and their thermoplastic coatings being heat-sealed together along the line of said seam and the lining of said bag being heat-sealed the rest of the way along said seam, and the outer end of the sleeve being inturned whereby it may be heat-sealed after the bag has been filled.

2,437,694

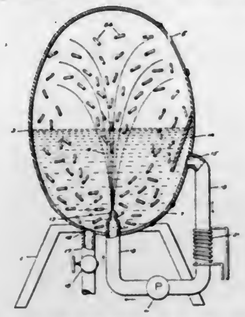
METHOD FOR BLENDING POWDER GRAINS

Clarence N. Hickman, Jackson Heights, N. Y., assignor to United States of America, as represented by the Secretary of War

Application May 15, 1946, Serial No. 669,765
4 Claims. (Cl. 52—20)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

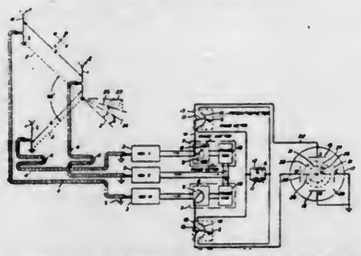
2. A method of blending smokeless powder grains including the steps of placing the powder grains to be blended in a vat, adding water saturated with nitroglycerine, said water being added in quantity sufficient to rise to a substantial height above the grains, and circulating said water by withdrawing it from the vat and projecting it upwardly through the bottom of the vat with sufficient velocity to break through the surface and fan out in a fountain-like manner,

whereby the grains in the path of the jet are propelled upwardly above the surface of the liquid



to fall back in a haphazard manner on top of the other grains therein.

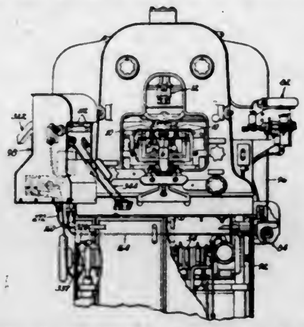
2,437,695
THREE-DIMENSION RADIO DIRECTION FINDER
Karl G. Jansky, Little Silver, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application August 30, 1943, Serial No. 500,541
8 Claims. (Cl. 250—11)



1. A method of determining the absolute direction in space of a radio wave which comprises simultaneously receiving three electric components of said wave, simultaneously obtaining a voltage representing the phase relation of one pair of components and another voltage representing the phase relation of another pair of components, and obtaining from said voltages two simultaneous indications representing the wave arrival angles in two perpendicularly related planes.

2,437,696
MACHINE FOR OPERATING ON SHOES
Bernhardt Jorgensen, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application December 21, 1945, Serial No. 636,289
52 Claims. (Cl. 12—1)

1. In a machine for operating on shoes, a presser constructed and arranged to engage the upper on the bottom of the toe-end portion of a shoe presented thereto after the toe-lasting operation, said presser being formed to extend inwardly over the marginal portion only of the shoe bottom about the end and along the sides of the toe and being flexible to permit it to conform to the contour of the shoe bottom, means for positioning the shoe relatively to the presser, a shoe rest arranged to engage the top the forepart of the shoe, means supporting said presser and shoe rest in predetermined relation to each other to receive the shoe supported by the operator with the upper on the margin of the shoe bottom facing the presser, and means for effecting relative movement of said presser and shoe rest while the operator thus supports the shoe to cause the presser to press the upper on the shoe bottom.

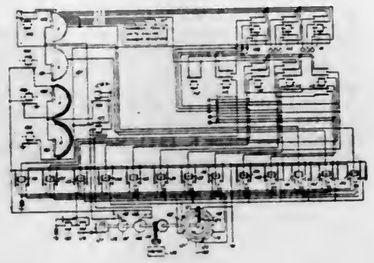


2,437,697
ELECTRICAL PROBE
Lawrence Kalom, Chicago, Ill.
Application April 1, 1946, Serial No. 658,725
4 Claims. (Cl. 128—2.1)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A surgical probe comprising an electrically-conductive hollow probing needle having a convexly beveled operative probing extremity, said hollow probing needle having an aperture in the convexly beveled portion thereof, a single electrode disposed within and electrically insulated from said hollow needle, a portion of said electrode being disposed at the aperture aforesaid and providing a convexly beveled contact surface which is a continuation of the convexly beveled portion of said hollow probing needle and which converges to a point eccentric to the central axis of said needle, said hollow needle and said electrode being constructed and arranged for electrical connection upon being bridged at their outer extremities by contact with a metallic object, and means disposed exteriorly of the operative probing portion of said hollow needle for indicating the completion of an electric circuit through said hollow needle and said electrode.

2,437,698
PRINTER AND CONTROL SYSTEM THEREFOR
Wilmarth Y. Lang, Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 12, 1942, Serial No. 468,789
9 Claims. (Cl. 179—7.1)

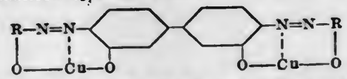


1. In a printer control system, a line, a plurality of character conductors, a distributor, means controllable over said conductors for causing said distributor to selectively transmit codes of impulses over said line in accordance with the characters represented by said conductors, a printer having a type bar for each of said characters, a release magnet for each said type bars, a plurality of relays selectively operable to cause the selective operation of said type bar release magnets, and a receiver having a single magnet operable by code impulses transmitted over said line for selectively operating said relays.

4. In a printer control system, a line, a plurality of character conductors, a distributor, means controllable over said conductors for causing said distributor to selectively transmit codes of impulses over said line in accordance with the characters represented by said conductors, a printer having a type bar for each of said characters, said type bars being positioned parallel to each other with their type faces aligned transversely with respect to the direction of movement of the paper through the printer, each of said type faces carrying a type symbol and a scanning mark, a release magnet for each of said type bars, a plurality of relays selectively operable to cause the selective operation of said type bar release magnets, and a receiver having a single magnet operable by code impulses transmitted over said line for selectively operating said relays.

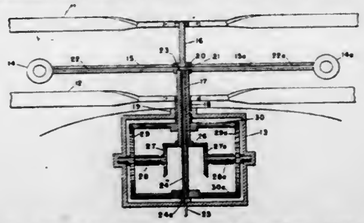
2,437,699
COPPER COMPLEXES OF DIANISIDINE DISAZO DYES
Joseph Francis Laucius, Wilmington, Del., and William W. Williams, Albany, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 11, 1944, Serial No. 517,894
6 Claims. (Cl. 260—148)

1. A symmetrical water-soluble copper complex represented by the formula



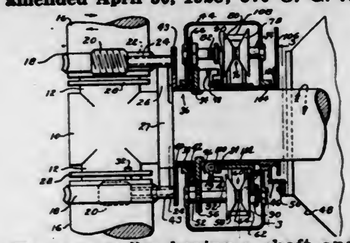
wherein R is the radical of one of the group consisting of 2-naphthol-6-sulfonic acid, 1-naphthol-3-sulfonic acid and 1-naphthol-5-sulfonic acid.

2,437,700
AIRCRAFT
Jay William MacFarland, Jr., United States Navy
Application May 21, 1945, Serial No. 594,883
2 Claims. (Cl. 170—135.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



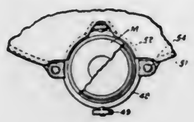
1. In aircraft having a rotary wing, the combination of at least one reaction motor unit mounted on an arm, a hollow arbor supporting said arm, means for supplying fuel to said motor through the said arm and arbor, a gear box, means within the gear box for rotatably supporting said arbor, a beveled driving gear attached to said arbor, two diametrically opposed intermediate beveled gears engaged with said driving gear, two shafts rotatably supported within the gear box attached one to each of said intermediate gears, two other intermediate beveled gears attached one to each of the shafts, two diametrically opposed driven gears engaged with the second intermediate gears, two axially concentric driven shafts attached one to each of the driven gears, means for mounting said concentric shafts in the gear box concentrically on said arbor, and rotary wings radially supported on said shafts whereby rotation of the arm supporting the reaction motor unit causes the wings to rotate in opposite directions with equal strains and torsions on the gears and shafts.

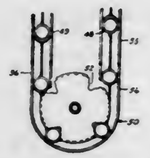
2,437,701
AIRCRAFT PROPELLER
Howard M. McCoy, Fairfield, Ohio
Application June 7, 1943, Serial No. 489,947
18 Claims. (Cl. 170—163)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



9. For a propeller having a shaft and a hub with laterally extending bearing means, and blades rotatable about their radial axes on said bearing means, an improved pitch change mechanism which comprises, in combination, two countershafts with rotational axes parallelly spaced apart from each other and from the hub rotational axis, means drivably connecting one countershaft to the propeller shaft, means drivably connecting the other countershaft to the propeller blades for rotating said blades about their radial axes, a pulley on each countershaft, a belt drivably encircling said pulleys, and means to vary the belt track diameter of at least one of said pulleys.

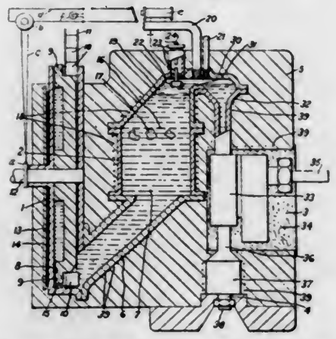
2,437,702
CONVEYER FOR TRANSPORTING POTTERY MOLDS
William J. Miller, Swissvale, and Ashley J. Reek, Carrick, Pa., assignors to Miller Pottery Engineering Company, Swissvale, Pa., a corporation of Pennsylvania
Application May 7, 1943, Serial No. 486,074
7 Claims. (Cl. 198—131)





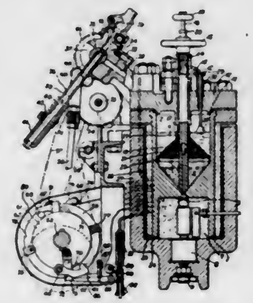
3. A mold conveyor comprising, a plurality of rings each having a pair of oppositely disposed rollable elements and formed with an open seat for supporting a pottery mold so that it is accessible from below, flexible connections between said rings arranged to transmit the pull directly through said rings, a track for rollably supporting said rings and a sprocket having peripheral recesses therein formed for meshing with a ring and one of the rollable elements thereof and establishing a drive connection therewith.

2,437,703
PROCESS AND APPARATUS FOR THE EXTRUSION OF FUSED ARTIFICIAL MATERIALS
Robert Wighton Moncrieff, Spondon, near Derby, England, assignor, by mesne assignments, to Celanese Corporation of America, a corporation of Delaware
Application January 25, 1944, Serial No. 519,613
In Great Britain January 4, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires January 4, 1963
13 Claims. (Cl. 18—8)



1. Process for the extrusion of a fusible organic filament-forming composition comprising feeding the composition upwards through a liquid that is inert to and of greater density than the composition, maintaining said inert liquid at a temperature sufficiently high to melt the composition during its passage through said inert liquid, withdrawing the molten composition from the surface of said inert liquid and extruding said molten composition.

2,437,704
METHOD AND APPARATUS FOR THE MELT EXTRUSION OF ARTIFICIAL MATERIALS
Robert Wighton Moncrieff and William Pool, Spondon, near Derby, England, assignors, by mesne assignments, to Celanese Corporation of America, a corporation of Delaware
Application December 6, 1944, Serial No. 566,901
In Great Britain November 24, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires November 24, 1963
16 Claims. (Cl. 18—8)



1. Method of extruding fusible filament-forming materials, said method comprising melting the material in a confined space containing a gaseous atmosphere at superatmospheric pressure by contact in said space with a liquid heating medium inert to and of lower density than the material, maintaining a supply of solid material in a cavity within a body whose surface forms one boundary of said confined space, withdrawing fused material from below the surface of said heating medium within said space and extruding the material withdrawn, detecting the temperature at a fixed level within said space and, whenever a sharp temperature change indicates that the surface of said heating medium has fallen below said level, moving said body so as to bring said cavity into communication with said space so as to feed the solid material in said cavity into said space and temporarily to raise said surface and reverse said temperature change.

2,437,705
HYDROBLEACHING AND HARDENING GLYCERIDE OILS
William J. Paterson, Newton Highlands, Mass., assignor to Lever Brothers Company, a corporation of Maine
No Drawing. Application February 19, 1943, Serial No. 476,498
12 Claims. (Cl. 260—409)

1. A process for simultaneously hydrobleaching and hardening glyceride oils which comprises treating the oil with hydrogen at a pressure of the order of atmospheric to 200 atmospheres in the presence of a small amount of a coprecipitated catalyst having the general formula

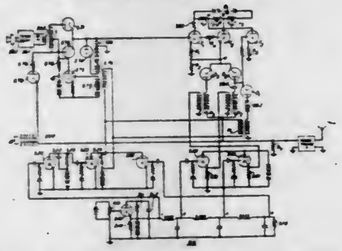
Y-Fe-X-O

in which X represents at least one metal selected from the group consisting of copper, silver and gold and Y represents at least one hydrogenating metal selected from the group consisting of nickel, cobalt, paladium and platinum, at a temperature of at least 170° C. but below the temperature at which the said oils are thermolytically destroyed.

2,437,706
HYDROBLEACHING GLYCERIDE OILS
William J. Paterson, Newton Highlands, Mass., assignor to Lever Brothers Company, Cambridge, Mass., a corporation of Maine
No Drawing. Original application February 19, 1943, Serial No. 476,498. Divided and this application May 18, 1944, Serial No. 536,199
10 Claims. (Cl. 260—409)

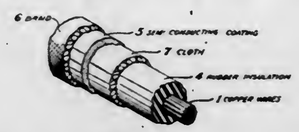
1. A process for hydrobleaching glyceride oils comprising treating the oil at a temperature of the order of about 170 to 250° C. with hydrogen under superatmospheric pressure for not more than about 60 minutes in the presence of not more than about 0.5% of a coprecipitated catalyst having the general formula Fe-X-O in which X represents at least one metal selected from the group consisting of copper, silver and gold.

2,437,707
COMMUNICATION SYSTEM EMPLOYING PULSE CODE MODULATION
John R. Pierce, Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 27, 1945, Serial No. 637,386
13 Claims. (Cl. 179—1.5)



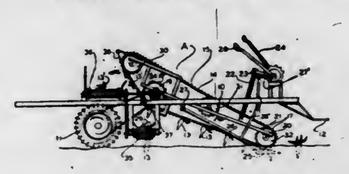
2. In a signaling system for transmitting information relating to a complex wave, a transmitting station comprising a circuit for periodically sampling the wave to charge a storage condenser to the instantaneous voltage V_s, which is a function of the instantaneous amplitude of said wave, an amplifier tube subject to said condenser, said tube including a cathode resistor giving a sample voltage drop aV_s over one portion of the cathode resistor, a gain means for changing the sample drop over the said cathode resistor to bV_s, where b is in excess of a, a source of pulses of predetermined value, a first pulse rendering the said means inactive, a second pulse testing whether aV_s is greater or less than the said second pulse amplitude plus a constant and if larger then leaving the said means inactive but if smaller then rendering the said means active to raise the sample voltage over the cathode resistor to bV_s, a third pulse to test whether the aV_s or the bV_s, whichever is present, is greater or less than the amplitude of the third pulse.

2,437,708
SEMICONDUCTING TAPE FOR ELECTRIC CABLE
Curtis Edward Plass, Worcester, Mass., and David Joseph Sullivan, Fairfield, Conn.; said Sullivan assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware; said Plass assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey
Application February 18, 1944, Serial No. 522,980
7 Claims. (Cl. 174—102)



6. A high tension insulated electric cable comprising a high tension electric conductor, a layer of oil-impregnated insulation therearound, and an oil-impervious organic electric shielding layer over and in contact with the insulation, the shielding layer containing approximately .25 part to 4 parts of an alcohol-soluble synthetic linear polyamide having an intrinsic viscosity of 0.4, a unit length of at least 7, and an average of at least 2 carbon atoms separating the amide groups, said synthetic linear polyamide being selected from the group which consists of (*a*) linear polyamides formed by reacting 30–45% of caprolactum, 10–50% of hexamethylenediammonium adipate, and 10–45% of hexamethylenediammonium sebacate, (*b*) linear polyamides formed by reacting 20–60% of 6-aminocaproic acid and not less than 10% each of at least two of the following polyamide-forming compositions: hexamethylenediammonium sebacate, hexamethylenediammonium adipate, and a mixture of hexamethylenediammonium suberate and hexamethylenediammonium azelate in approximately 15:85–30:70 proportions, and (c) linear polyamides formed by reacting synthetic fiber-forming linear polyamides having hydrogen-bearing amide groups separated by an average of at least 2 carbon atoms with a mixture of formaldehyde and an alcohol in the presence of an oxygen-containing acid catalyst. to 1 part of a carbon black which has a resistance of less than about 1 ohm per 1-inch cube.

2,437,709
SUGAR-BEET HARVESTER
Hugo C. Rassmann, Minneapolis, Minn.
Application August 14, 1944, Serial No. 549,355
5 Claims. (Cl. 55—108)



1. A beet harvester, including a main rigid frame adapted to be supported by carrier wheels, a floating frame hingedly supported on one end in said main rigid frame and freely disposed on the other end to be operated in a manner to raise and lower the same, resilient means con-

nected with the front end of the floating frame to resiliently support the same, lever and quadrant means for setting the free end of said frame in relation to the ground, an endless pick-up belt formed by a series of endless chains traveling over a series of sprocket wheels on the floating frame, a series of bars extending between said chains, each bar carrying a series of pick-up hooks, which endless belt is adapted to roll over the tops of the beets to pick them up as they are plowed loose, a topping knife mounted adjacent said belt, a transversely extending carrier belt extending below said topping knife for carrying the topped beets to one side of the harvester, a stripping device for removing the tops and foliage of the beets from said endless pick-up belt, and a transversely extending conveyor for carrying the tops and foliage of the beet to one side of the harvester.

2,437,710

PRODUCTION OF RESINS FROM A METHYLOL MONOHYDRIC PHENOL AND A POLYHYDRIC PHENOL

Philip Hamilton Rhodes, Portland, Maine, assignor, by mesne assignments, to Koppers Company, Inc., a corporation of Delaware

No Drawing. Application December 3, 1942, Serial No. 467,790

12 Claims. (Cl. 260—54)

1. The method comprising producing a homogeneous resinous mass substantially free of undesirable end products comprising heat-reacting at reflux temperature a molten mass the reactants of which consist of a methylol monohydric phenol and a polyhydric phenol until a viscous resin is formed.

2,437,711

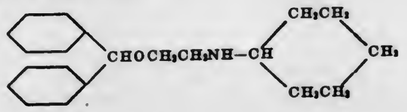
BETA-CYCLOHEXYLAMINOETHYL BENZHYDRYL ETHER AND SALTS THEREOF

George Rieveschl, Jr., Grosse Pointe Woods, Mich., assignor to Parke, Davis & Company, Detroit, Mich., a corporation of Michigan

No Drawing. Application August 5, 1946, Serial No. 688,426

5 Claims. (Cl. 260—570)

1. A compound of the class consisting of a free base and its acid addition salts, said free base having the formula,



2,437,712

ELECTRICAL CONTROL SYSTEM

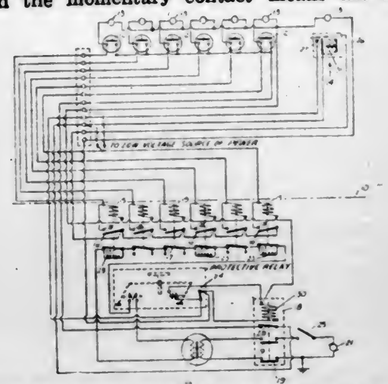
Malcolm H. Sheldon, New York, N. Y.

Application February 15, 1946, Serial No. 647,982

7 Claims. (Cl. 315—320)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In a control circuit for lighting a plurality of airfield taxiways, a bank of lamps for each taxiway, a source of high voltage current for the lamps, shunt means to direct current from each bank of lamps, circuit breaking means for said high-voltage current, a plurality of solenoids associated with said shunt means, a low-voltage power source for said solenoids, momentary contact means for activating said solenoids so as to remove the shunts from said lamps, means for holding said shunts removed from the lamps, when the momentary contact means are released, and switch means for closing the primary circuit so that the selected lamps are lighted.



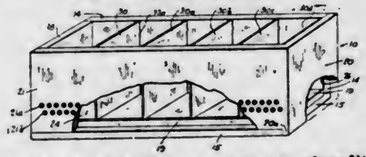
2,437,713

APPARATUS FOR EMBEDDING SIMULTANEOUSLY A PLURALITY OF TISSUES FOR HISTOLOGICAL PURPOSES

Joseph Tannenberg, Batavia, N. Y.

Application February 20, 1945, Serial No. 578,903

5 Claims. (Cl. 18—39)



1. An apparatus for preparing a plurality of tissue blocks for microscopic and similar examinations comprising a container provided with parts relatively removable from each other, a plurality of carrier elements having upright plates and base plates, said base plates being adapted to rest on the bottom of said container, first means provided on said carrier elements, second means provided in predetermined container parts, said second means being complementary to and engageable with said first means provided on said carrier elements to thereby hold the latter in position in said container, said base plates of said carrier elements being adapted to carry tissue samples for preparing tissue blocks between adjacent upright plates of said carrier elements, said container being provided with perforations forming passageways for the introduction of block forming matter for contact with said tissue samples, and slide means embracing said container and maintaining the same in assembled condition, said slide means being adapted to slide over said perforations to obstruct the same upon introduction of said block forming matter.

2,437,714

TROUSER AND SUSPENDER COMBINATION

Walter A. Thomason, Jr., United States Army, Charlotte, N. C.

Application December 22, 1944, Serial No. 569,385

3 Claims. (Cl. 2—310)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In combination: suspenders having at least one front strap and at least one back strap, a belt carried by said suspenders, means for permitting free sliding movement of said front and said back strap relative to said belt, trousers carried by said belt, and at least three spaced means permanently secured to the waistline of said trousers, each of said last-named means having



a free end and releasable fastening means on said free end for selectively engaging and releasing said belt; whereby said trousers are securely supported in operable position by said belt and suspenders, and are readily detachable from and attachable to said belt and suspenders without disarranging upper garments of the wearer.

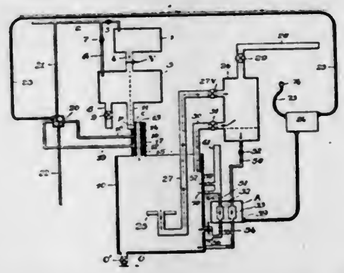
2,437,715

CONSISTENCY CONTROL

Clark E. Thorp, Chicago, and Louis E. Anderson, Chicago Heights, Ill., assignors to Jesse B. Hawley, Babson Park, Fla.; Don M. Hawley and Emmett Donnelly, administrators of Jesse B. Hawley, deceased, assignors to Hawley Products Company, a corporation of Delaware

Application November 29, 1943, Serial No. 512,122

9 Claims. (Cl. 92—46)



1. In consistency control apparatus, a vessel for containing a pulp-liquid mixture, a light absorption cell for continuously receiving liquid from which pulp has been removed, a light absorption cell for continuously receiving pulp-liquid mixture, a separate light source for each cell, a separate light sensitive device for each absorption cell for receiving light emerging from its respective absorption cell, a consistency control unit controlled by the light sensitive devices and having electronic means and a relay, and electrically operated means controlled by said relay for governing the admission of pulp-liquid mixture to the vessel to automatically control the consistency of the pulp-liquid mixture in the vessel.

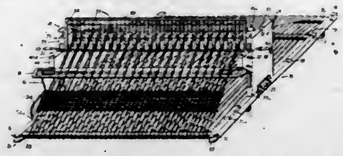
2,437,716

HAND-OPERATED LOOM

Joseph Tiefenthal, West Babylon, N. Y.

Application May 2, 1945, Serial No. 591,451

6 Claims. (Cl. 139—29)



1. In a hand-operated loom having a frame including parallel side bars; a pair of standards, each standard being hinged to a respective side bar, a front beam, a yarn beam, one or more guide rollers extending transversely to said side bars, respective pairs of grooves provided in said side bars to accommodate therein the ends of said front beam, of said yarn beam and of said guide rollers, thereby enhancing stabilization of said frame, said side bars being each provided with an abutment member secured on the respective side bar and forwardly of said standards, and a platform displaceably accommodated in each standard, said platforms and said abutment members forming respective supports for the warp threads carrying reed which may be freely moved by the hands of an operator and independently of and relatively to said frame of the loom.

2,437,717

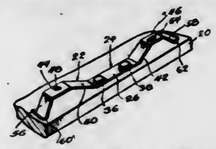
VIBRATION DAMPING MOUNT

Le Roy L. Werner, Washington, D. C.

Application October 27, 1944, Serial No. 560,583

5 Claims. (Cl. 248—20)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A mount for securing a machine subject to vibration to a stationary support comprising a body formed from a single strip of spring-tempered metallic bar, said body having a base section for securement to a support, elevated machine supporting sections, inclined sections connecting said base section and said elevated sections, and extensions from the elevated sections supplementing the inclined sections to provide resilient support for said elevated sections for damping the vibrations of said machine.

2,437,718

EXPANDING MANDREL

Mercer L. Whitson, Norfolk, and Hiawatha F. Collette, Portsmouth, Va.

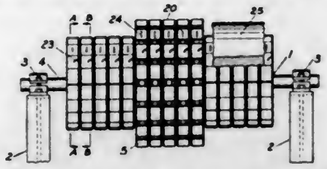
Application March 26, 1945, Serial No. 584,990

6 Claims. (Cl. 18—45)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. An expansible work support, upon which may be formed heat insulators for use on valves, pipe flanges, couplings and the like of a substantially cylindrical hollow shape, mounted for rotation about an axis which is composed of a series of cylindrical sections mounted closely adjacent each other along a common axis, each section including means for varying the diameter of

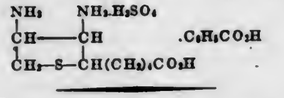
that section independently of all other sections whereby the work support may assume the configuration of a stepped cylinder, and means in



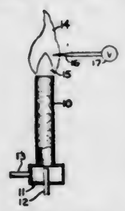
cooperation with each section for locking that section in position independently of all other sections.

2,437,719
A BENZOIC ACID di-CIS-2-(4'-CARBOXY-BUTYL)-3:4-DIAMINO-TETRAHYDRO-THIOPHENE SULFATE COMPLEX
Donald E. Wolf and Anthony C. Shabica, Jr., Rahway, N. J., assignors to Merck & Co., Inc., Rahway, N. J., a corporation of New Jersey
No Drawing. Application September 16, 1944, Serial No. 554,459
9 Claims. (Cl. 260—329)

9. A benzoic acid di-cis-2-(4'-carboxy-butyl)-3:4-diamino-tetrahydrothiophene sulfate complex, sparingly soluble in water, having a melting point of about 255–256° C., the empirical formula $C_{16}H_{26}S_2N_2O_8$ and the structural formula:



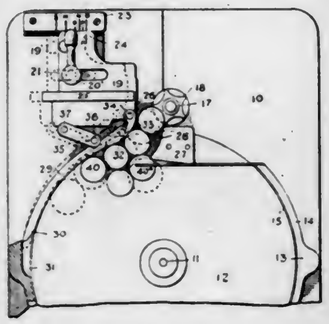
2,437,720
METHOD OF AND APPARATUS FOR MEASURING THE COMPOSITION OF GAS
Robert A. Ackley, Chicago, Ill., assignor to Republic Flow Meters Company, Chicago, Ill., a corporation of Illinois
Application June 14, 1943, Serial No. 490,736
9 Claims. (Cl. 73—25)



2. The method of measuring the oxygen content of a gas sample which comprises mixing the sample with a combustible gas in predetermined proportions, burning the mixture in air to produce a flame, and measuring the temperature of the flame.

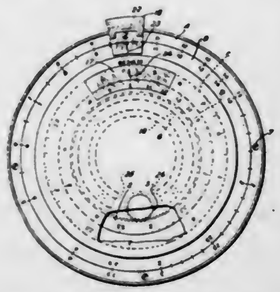
2,437,721
COIN COUNTING MACHINE
Walter A. Barganz and Earl W. Quirk, Watertown, Wis., assignors to Brandt Automatic Cashier Company, Watertown, Wis., a corporation of Wisconsin
Application November 26, 1945, Serial No. 630,763
6 Claims. (Cl. 133—8)

1. A coin counting machine including a hopper for said coins, a coin discharge way, means for delivering coins from said hopper to said coin discharge way and counter-actuating means at the outlet of said coin discharge way, said coin discharge way comprising oppositely disposed guide means one of which is relatively fixed and provided with a coin separating point, and the other guide means comprising pivotally



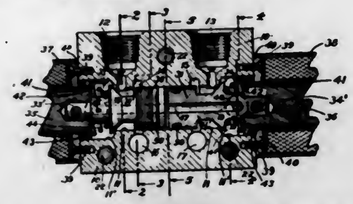
connected members and means for relatively adjusting said pivotally connected members radially and tangentially of said delivery means to move the connected member nearest to the coin discharge way toward or away from the coin separating point according to the size of coins to be counted.

2,437,722
SLIDE RULE
Oscar E. Batori, New York, N. Y.
Application March 16, 1946, Serial No. 654,951
5 Claims. (Cl. 235—84)



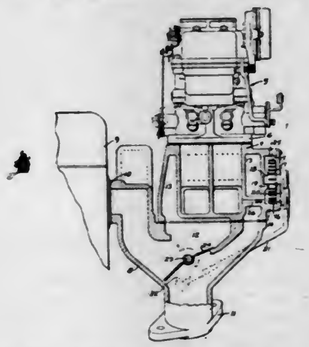
1. A computer comprising a fixed circular base member having thereon an exposed logarithmic scale; a rotatable ring member in front of and within the base member, having an outer exposed logarithmic scale and two inner partly concealed logarithmic scales thereon, one of last said two scales inverted with respect to the other scales; a result indicator member in front of the ring member, fixed to the base member and of a diameter to conceal an inner marginal part of the ring member and the scales thereof and having an annular segmental opening in alignment with said inner concealed scales of the ring member to expose to view parts thereof; a movable peripheral indicator, supported by the outer edges and outer cylindrical surface of the base member, said indicator being cooperative with said exposed scales of the base and ring members, respectively.

2,437,723
POPPET VALVE
Walter R. Brant and Harvey G. Chapman, Jr., Glendale, Calif., assignors to Adel Precision Products Corp., a corporation of California
Application December 4, 1944, Serial No. 566,598
8 Claims. (Cl. 137—144)



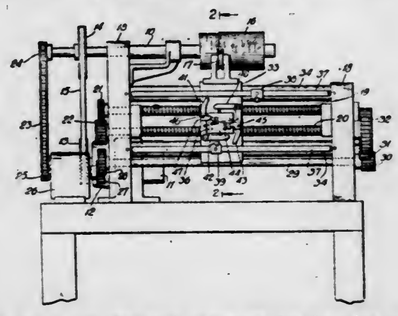
6. In a solenoid operated valve, an elongated valve body having a bore extending from end to end thereof, counterbores at each end of said bore forming a pair of opposed valve seats, a valve seated on each of said seats, each of said valves having a reduced diameter stem portion extending into said bore, a spool valve member on each of said valve stem portions stem engageable with the wall of said bore, interconnected pressure ports communicating with said valve chambers, interconnected return ports in communication with said bore adjacent said spool valve members, a motor port communicating with said bore at points between each of said return ports and the associated valve seat, means operable normally to hold said valves seated and separate solenoid operated means associated with each of said valves for selective operation thereof, each of said valves and its associated spool valve member and ports being so constructed and arranged that when the valve is seated the return port associated therewith will be in communication with the associated motor port.

2,437,724
MANIFOLD HEAT VALVE CONTROL
Morris C. Brown, Richmond Heights, Mo., assignor to Carter Carburetor Corporation, St. Louis, Mo., a corporation of Delaware
Application August 24, 1945, Serial No. 612,475
5 Claims. (Cl. 123—122)



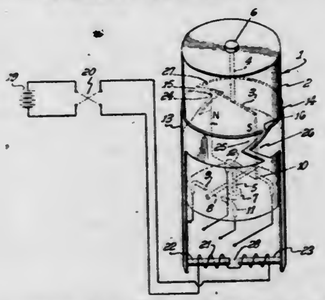
1. In an internal combustion engine, intake and exhaust manifolds, a by-pass for diverting a part of the exhaust from said exhaust manifold in close proximity with said intake manifold, a valve for controlling said by-pass, a thermostat adjacent said exhaust manifold and controlling said valve, said thermostat being exposed to atmosphere, and suction means for drawing air past said thermostat at a variable rate in accordance with the suction in said intake manifold.

2,437,725
WINDING MACHINE
Edward A. Conner, Stratford, Conn., assignor to American Chain & Cable Company, Inc., Bridgeport, Conn., a corporation of New York
Application November 23, 1945, Serial No. 630,245
6 Claims. (Cl. 242—9)



1. In a coil winding machine for forming coils of even successive layers of line of the type including means producing winding motion and relative traversing motion between a line guide and the coil being formed, the combination of a carriage mounted for movement to cause relative traverse, a pair of screw members rotatable in response to winding motion, a nut alternatively engageable with either screw member and operative upon such engagement to cause motion of the carriage, the screw members driving the nut in opposite directions, and means producing lost motion between the winding motion and the motion of the carriage upon disengagement of the nut from one screw member and engagement with the other, whereby a dwell is produced in the motion of the carriage at the end of traverse.

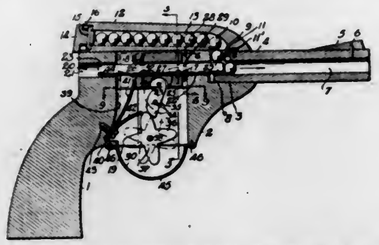
2,437,726
POLARIZED RELAY
Arthur C. Davis, Burbank, Calif.
Application August 18, 1944, Serial No. 550,098
8 Claims. (Cl. 200—93)



1. A polarized relay comprising a circular vacuum tube having an axis, a polarized vane in said tube, contacts in said tube controlled thereby, means supporting said vane for movement about said axis, a pair of arcuate pole pieces arranged end to end around said tube and around said vane concentric with said axis, the adjacent ends of said pole pieces being separated by air

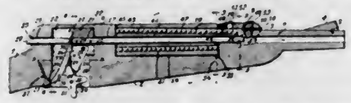
gaps at opposite sides of said tube, said pole pieces having extensions beyond said tube, an air gap between said extensions, and coil means on said extensions for oppositely magnetizing said pole pieces.

2,437,727
TOY GUN
Edward L. Drumheller, Buena Vista, Va.
Application June 4, 1946, Serial No. 674,168
5 Claims. (Cl. 124—27)



1. In a toy gun comprising a handle body, a recess in said handle body, a passage in said handle body, a rod mounted for reciprocation in said passage, a block connected to said rod, said block being located in said recess, a plurality of flat leaf power springs extending upwardly in said recess, the lower ends of said springs being secured to said handle body and the upper end of at least one of said springs pressing against the rearward end of said block, an elongate cam pivotally mounted in said recess, one end of said cam engaging said block to actuate the same rearwardly against the force of said one of said springs, a star-shaped trigger pivotally mounted in said recess, the fingers of said trigger engaging the other end of said cam in turn for actuating the same, and one of said springs extending into the space between two adjacent fingers of said star-trigger, the fingers of said trigger also engaging said last mentioned one of said springs in turn to retract the same.

2,437,728
ROTARY MAGAZINE FOR TOY GUNS
Edward L. Drumheller, Buena Vista, Va.
Application June 4, 1946, Serial No. 674,169
4 Claims. (Cl. 124—48)



1. In a toy gun comprising a body portion, a barrel connected to said body portion, and a plunger rod mounted for reciprocation in said body portion in alignment with said barrel, a magazine rotatably mounted on said rod, said magazine having a plurality of forwardly and inwardly inclined projectile receiving passages therein, and a passage leading into said barrel from said magazine.

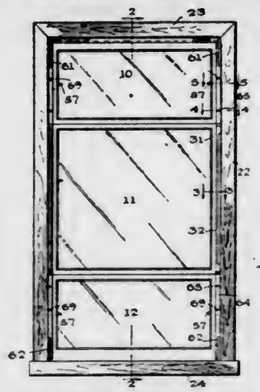
2,437,729
BELT BUCKLE
Edward M. Easter, Detroit, Mich.
Application January 10, 1945, Serial No. 572,227
2 Claims. (Cl. 24—194)

1. A belt buckle including a belt guide adapted for slidably receiving one end of a belt, a transverse rib in the guide, and a locking member including diverging legs and having trunnions slidably and rotatably mounted in the guide for movement of the locking member toward and away from said rib, said legs straddling the rib and



adapted for wedging a belt against the rib upon exertion of a pulling force on the belt in either direction, and means on the guide operable outwardly of the latter for engaging and releasing said locking member.

2,437,730
WINDOW
Roger W. Eisinger, Washington, D. C.
Application April 1, 1943, Serial No. 481,475
10 Claims. (Cl. 20—42)

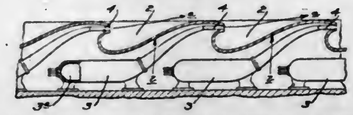


1. In a window of the type described, in combination, a plank frame having a sill, an outside or blind stop, a center sash one-half the height of the frame and engaging said stop, top and bottom sash against the said stop each of one-quarter frame height and receiving support respectively from the center sash and the sill, a parting stop at the top and behind the center sash only, each of the small sash having a bottom rail contoured to fit the support beneath and to provide a water and wind stop, that of the lower sash being constructed to remain tight when the said sash is tilted inwardly at the top through a substantial angle to act as a ventilator and single means to hold the lower sash in adjusted ventilator positions and in adjusted overlapping relation to the center sash.

2,437,731
HYDROCAFFEIC ACID AND ESTERS AS ANTIOXIDANTS
Lucius W. Elder, Madison, and Harold S. Levenson, Orange, N. J., assignors to General Foods Corporation, New York, N. Y., a corporation of Delaware
Application January 29, 1945, Serial No. 575,132
12 Claims. (Cl. 260—398.5)

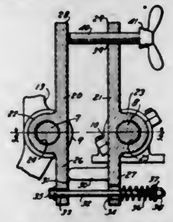
1. A process of stabilizing fats, fatty acids, fatty acid derivatives and oils of animal and vegetable origin against oxidative deterioration which comprises adding thereto a material selected from the group consisting of hydrocaffeic acid and alkyl esters thereof.

2,437,732
APPARATUS FOR PROPELLING AND INCREASING THE LIFT OF AIRPLANES
Clyde B. Ferrel, San Francisco, Calif., assignor to Ferrel Industries, Inc., Reno, Nev., a corporation of Nevada
Application January 12, 1943, Serial No. 472,138
4 Claims. (Cl. 244—12)



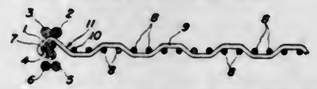
1. In an airplane having a motor-driven propeller for propulsion of the plane, an auxiliary motor for increasing lift and boosting the speed of the plane during the taking off period comprising, a rocket motor having a nozzle discharging a rearwardly directed propelling jet of gases to boost the speed, and a series of pockets formed in the upper surface of the fuselage of the plane and located beyond the inner ends of the wings at said nozzle and beneath and adjacent the rearwardly directed jet of gases so that the pockets will be partially evacuated by the jet action of the gas whereby atmospheric pressure on the plane below the pockets will produce an upward thrust and increase the lift of the plane.

2,437,733
ROLL STABILIZER FOR TAKING UP PLAY IN BEARINGS OF ROLL MILLS
Walter Fincher, Salina, Kans.
Application February 7, 1944, Serial No. 521,361
7 Claims. (Cl. 241—232)



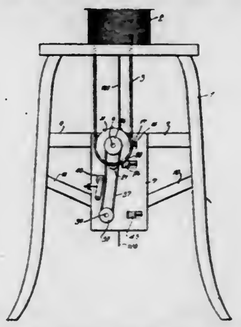
1. In a mill of the character described having a pair of cooperating rolls, shafts for said rolls, bearings supporting the shafts, said shafts having play in the bearings to compensate for expansion and contraction and provide for substantially free rotation of the shafts in said bearings, a pair of arms having support on the shafts and separate from the bearings, a fulcrum supported on one of the arms and having contact with the other of the arms, and means for spreading said arms apart on said fulcrum to selectively position the shafts in said bearings.

2,437,734
TAPE FOR SLIDE FASTENERS
Osborne Firing, Staten Island, N. Y., and Robert M. Gibbons, Jr., Meadville, Pa., assignors to Talon, Inc., a corporation of Pennsylvania
Application March 24, 1945, Serial No. 584,640
5 Claims. (Cl. 139—384)



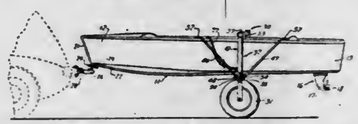
1. In a tape for slide fastener stringers of the class described, a plurality of longitudinally extending warp threads, a weft thread interwoven back and forth through and between said warp threads so as to provide a woven web, a beaded edge arranged along one edge of said tape comprising two oppositely disposed groups of cords with each group consisting of a plurality of longitudinally extending intertwisted cords, the weft thread extending through the web, over and around one of and between the cords of one group, over all of the intertwisted cords of the other group, back over and around one of and between the cords of said last mentioned group, under all of the cords of said first mentioned group, and through the web so that the weft thread is interwoven with both groups of cords and entirely concealed thereby along the beaded edge.

2,437,735
METHOD OF AND APPARATUS FOR SEPARATING KNITTED FABRICS
James L. Getaz, New York, N. Y.
Application July 25, 1945, Serial No. 606,899
6 Claims. (Cl. 66—147)



1. The method of manufacturing knitted articles which includes knitting in a continuous length of fabric a series of articles of body yarn with at least one course of a separating yarn therebetween, said separating yarn having reduced tensile strength under certain conditions which do not adversely affect said body yarn, and, as said length of fabric issues from said knitting point, applying said conditions to weaken said separating yarn and tension to separate said articles.

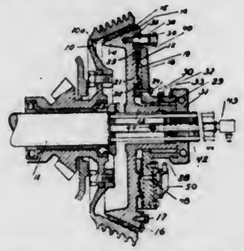
2,437,736
CARRIER FOR MARINE CRAFT HULLS AND THE LIKE
James A. Good, Grosse Pointe, Mich.
Application October 29, 1945, Serial No. 625,333
4 Claims. (Cl. 9—1)



4. A carrier for marine craft having a hull provided with longitudinally spaced oar locks at each side, comprising a bar adapted to extend transversely of the hull between the oar locks, a pair of vertical struts having the upper ends respectively supported on opposite ends of the bar, a pair of ground engaging wheels respectively rotatably supported on the lower ends of the struts,

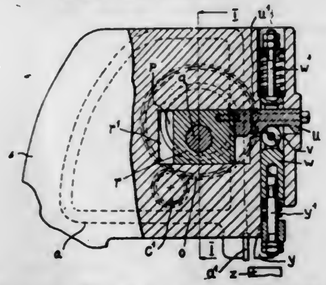
and side braces having the lower ends pivoted to the lower end of each strut and having the upper ends respectively engageable in the oar locks at opposite sides of the bar.

2,437,737
CLUTCH OPERATING MECHANISM
Edwin G. Halby, Marion, Ohio, assignor to Marion Power Shovel Company, a corporation of Ohio
Application September 15, 1943, Serial No. 502,475
17 Claims. (Cl. 192—88)



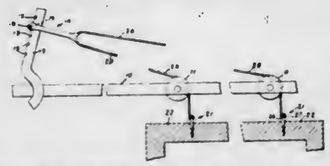
1. In a clutch of the type comprising a pair of opposed clutch members one of which is adapted to be rotatably mounted on a shaft and held against axial movement thereon and the other of which is adapted to be mounted on said shaft for rotation therewith and for axial movement thereon, said clutch members having cooperating clutching surfaces, at least one of which is of friction material, an annular member having means whereby it may be mounted about said shaft on the outer side of said axially movable clutch member for rotation with said shaft and held against axial movement with relation to said shaft, a fluid operated device carried by said annular member and acting on said axially movable clutch member to move the latter into operative engagement with the opposed clutch member, and means for adjusting said axially movable clutch member toward said opposed clutch member to compensate for the wearing away of said friction material while maintaining the same in operative relation to said fluid operated device.

2,437,738
SHEARING MACHINE DRIVE
Max Hänggi, Fehren, Switzerland
Application November 26, 1945, Serial No. 630,860
In Switzerland December 4, 1944
3 Claims. (Cl. 164—47)



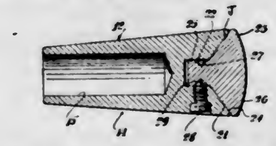
1. In sheet-shearing machines of the character described, a drive for the shear-blade slide vertically guided in fixed lateral machine-frame standards, comprising a drive shaft journaled in said slide, drive means for said drive shaft, a pair of crank shafts also journaled in the said slide, a gear wheel keyed to each end portion of the said drive shaft, a gear wheel fastly secured to each of said crank shafts and adapted to mesh with one of the said drive-shaft gear wheels, a slide block sliding in a horizontal way of each of the said standards and in which an eccentric crank pin on each of the said crank shafts is journaled; the whole in such combination that the rotations transmitted by the said drive shaft onto the said crank shafts are resolved into a vertical drive component effecting the operation of the said slide corresponding to said eccentricity of said crank pins and into a horizontal idling component effecting the displacement of the said slide blocks in said horizontal ways.

2,437,739
MEANS FOR CONNECTING THE DOBBY JACK AND THE HARNESS FRAME OF A LOOM
Clarence E. Harris, Laurens, S. C.
Application February 26, 1946, Serial No. 650,256
1 Claim. (Cl. 139—84)



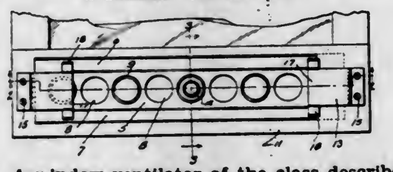
In a loom harness frame actuator connector, the combination, which comprises, a dobby cord and jack associated with a loom frame, said jack adapted for reciprocatory action, a dobby head loop comprising a connecting member with spaced parallel flat prongs integral at one end with a head member of greater width than that of the prongs and having an arcuate eye extending therethrough from side to side with the eye curved in a plane parallel to that of the prongs, a roller pivotally mounted between the opposite ends of the prongs positioned to engage with spaced notches in the harness frame actuator, a screw attached to the end of the dobby cord extending through the dobby head loop for attaching the cord to a harness frame, and a roller pivotally mounted in the end of said screw to which the end of the dobby cord is attached.

2,437,740
REPLACEABLE NOSE FOR SPOT WELDING TIPS
Thomas M. Haynes, Indianapolis, Ind., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
Application October 26, 1945, Serial No. 624,692
6 Claims. (Cl. 219—4)



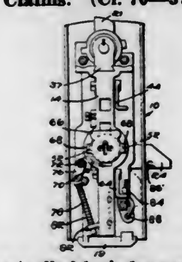
1. A welding tip having a body adapted to fit into a tip holder, the shank of said tip having a cavity formed therein for circulation of cooling fluid; a removable nose for said tip comprising a welding face and a surface complementary with the head of said tip; and a clamping member mounted on said tip to force said complementary surface into intimate contact with the head of the tip whereby a joint having high thermal and electrical conductivity is obtained, said joint being located between the welding face and the end of the cooling fluid cavity in the welding tip shank.

2,437,741
WINDOW VENTILATOR
Roy H. Hoach, Detroit, Mich.
Application September 25, 1946, Serial No. 699,261
2 Claims. (Cl. 98—97)



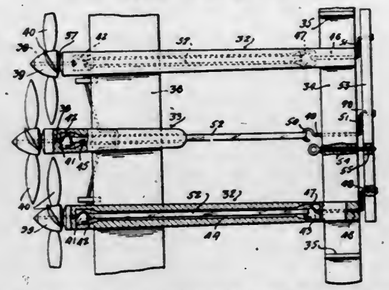
1. A window ventilator of the class described, comprising a rectangular plate having its upper and lower longitudinal edge portions inclined outwardly, a pair of outwardly spaced brackets carried by a window sash having upper and lower tongues inclined outwardly from the sash and frictionally contacting the inclined edge portions of the plate to support the plate, spaced openings in the plate registering with similar openings in the window sash when the device is in an opened position, and a finger gripping means for sliding said plate horizontally to move the openings into and out of registry.

2,437,742
COIN CONTROLLED LOCK
George Hofmann, Boston, Mass., assignor to American Locker Company, Inc., Boston, Mass., a corporation of Delaware
Application July 25, 1945, Serial No. 607,047
9 Claims. (Cl. 70—370)



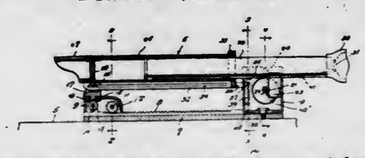
1. A coin controlled lock for use with checking cabinets, comprising a frame, a barrel supporting cradle in the frame, means for securing the frame to a checking cabinet having a door for closing the cabinet, a locking bolt carried by the frame for rotation about the longitudinal axis of the cradle to door locked and unlocked positions, a locking barrel removably mounted in the cradle and having an outer portion non-rotatably fixed to the frame and an inner rotatable portion, means supporting the locking bolt in the frame, independently of the locking barrel, for rotation about said axis, cobperating shoulders keying the inner portion to rotate with the locking bolt when the barrel is in operative position in the cradle, and barrel securing means movable to closed and open positions and cooperating in closed position with the barrel to hold it in said operative position, the barrel being removable from the frame and bolt when said means is moved to the open position.

2,437,743
TOY AIRPLANE
Jakob Hojnowski, Nekoosa, Wis.
Application January 7, 1944, Serial No. 517,427
1 Claim. (Cl. 46—78)



A toy airplane, comprising wing and tail units, a pair of elongated body members having said units joined thereto and disposed transversely thereof, the body members each being longitudinally chambered and having a longitudinal shaft bearing leading through each end from the chamber, a propeller shaft mounted in the bearing at the front end of each body, a crank shaft mounted in the bearing at the rear end of each body, an elastic strand extending through each body chamber and connecting the propeller and crankshafts, a crank upon the rear end of each crankshaft, a propeller unit secured upon the front end of each propeller shaft, a member coupling the cranks for facilitating unitary rotation thereof, comprising a bar extending transversely of the body members at the rear end of the tail unit and means for latching the bar to the tail unit to hold the shafts from turning.

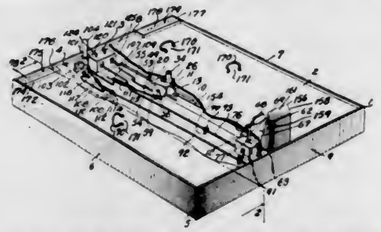
2,437,744
TELESCOPE ATTACHMENT FOR FIREARMS
John W. Horvath, Bronx, N. Y.
Application October 17, 1944, Serial No. 559,040
4 Claims. (Cl. 33—50)



1. In combination with a firearm, a telescope having sighting means therein, said telescope having a forward tube and a draw tube slidable longitudinally in the rear portion of the forward tube, the said parts, as assembled, being mounted for both vertically and horizontally swingable movement, a support for the forward end portion of the telescope on the firearm with means for moving the support forwardly and rearwardly selectively on the firearm and simultaneously tilting the telescope to the proper angular relation on the firearm, means for moving the draw tube longitudinally inwardly and outwardly of the forward tube, said last-mentioned means comprising a longitudinal rack on the draw tube, a gear meshing with the rack, manual means for rotating the gear to move the draw tube in and out of

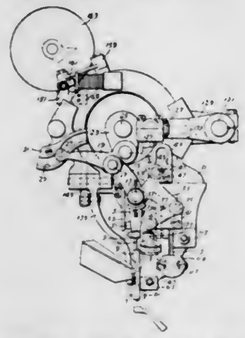
the forward tube with cooperative provision for simultaneously raising and lowering said gear during its rotation in either direction to thereby change the angular relation of the telescope on the firearm during inward and outward longitudinal movement of the drawtube in said forward tube.

2,437,745
MECHANICAL PITCHING AND BATTING DEVICE FOR BASEBALL GAMES
Irvin N. Jacobs, Kansas City, Mo., and Herbert C. Jones, Easton, Kans.
Application November 12, 1946, Serial No. 709,298
7 Claims. (Cl. 273—89)



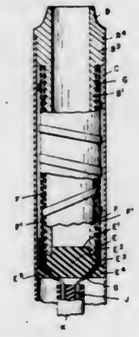
7. In an apparatus of the character described, pitching and batting mechanisms, each including an oscillatably mounted member for effecting actuation of said mechanisms, springs for energizing said member, a latch for each member for retaining the springs in loaded condition, crank arms connected with said members, a pivotally mounted cocking lever, links connected with the cocking lever and having spring engaging terminals, rods connected with said cranks, springs on said rods, means for anchoring the end of said springs to the rods in the direction of said crank arms for retaining the other ends of the springs in position for engagement by said terminals, separate means for independently releasing said latches, a spring tension key for releasing each latch, a rock lever connected with each key, and rods connecting the rock levers with said latches.

2,437,746
FASTENER INSERTING MACHINE
Frank Bycroft Keall, Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application June 13, 1945, Serial No. 599,225
In Great Britain June 29, 1944
2 Claims. (Cl. 1—18)



1. In a fastener inserting machine, a fastener inserting driver, crank operated mechanism for actuating the driver, and means cooperating with said mechanism for accelerating the driver when on its operative fastener inserting stroke.

2,437,747
ELECTRICALLY HEATED TOOL
Frank Kuhn, Detroit, and Laurence H. Thomas, Birmingham, Mich., assignors to American Electrical Heater Company, Detroit, Mich., a corporation of Michigan
Application May 4, 1942, Serial No. 441,698
1 Claim. (Cl. 219—26)



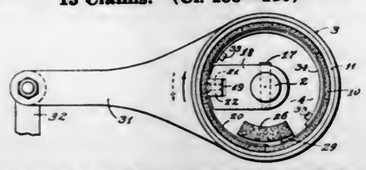
A terminal connection for an electrical heating resistor comprising a longitudinally extending metallic strip wrapping for the end portion of the resistor, a bar of greater thickness and cross section welded to the outer end portion of said wrapping, and a binding screw threadedly engaging said bar and adapted to secure a service conductor thereto.

2,437,748
ADJUSTABLE HEADBAND CONSTRUCTION
Robert L. Malcom, Chicago, Ill., assignor to Chicago Eye Shield Company, a corporation of Illinois
Application June 11, 1945, Serial No. 598,848
2 Claims. (Cl. 2—8)



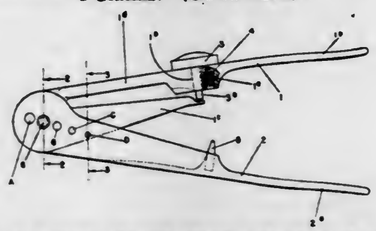
1. A headband which comprises a curved strip having end portions in overlapping relationship, said end portions each having a slot therein formed lengthwise of the strip, a sleeve around the overlapped portions of the strip and having an aperture in the outer wall thereof, and a tension means to clamp the overlapped portions of the strip together in the sleeve, said tension means comprising an inner member engaging one of the end portions of the strip and extending through the slots and the apertures in the outer wall of the sleeve and an outer member extending through the aperture in the outer wall of the sleeve in threaded engagement with the inner member and engaging the other end portion of the strip for directly clamping together the overlapping end portions of the strip in the sleeve.

2,437,749
SHOCK ABSORBER
Bonnie L. Mallory, Cleveland Heights, Ohio, assignor to The B. L. Mallory Company, Hazel Park, Mich., a corporation of Michigan
Application September 28, 1945, Serial No. 619,179
15 Claims. (Cl. 188—130)



5. A shock absorber comprising a stud for nonrotative attachment to a part of a vehicle, a casing journaled on said stud and having an internal cylindrical wall concentric to the stud, a part within the casing fastened to said stud and having a peripheral portion in spaced relation to said cylindrical wall, an energizing band of resilient sheet metal operatively connected, within a single restricted area that is spaced a substantial distance from both ends of the band but considerably nearer one of its ends than the other, to said peripheral portion and extending about said cylindrical wall, a lining of friction material between the energizing band and said wall, said band being free to expand at every point throughout its length, the ends of the band being closely adjacent to, but entirely free from, each other so as to be capable of independent action, and means connecting a part of the casing radially spaced from said stud to a part of the vehicle that is movable toward and from the aforesaid vehicle part.

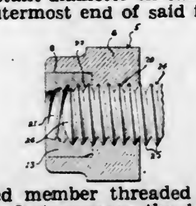
2,437,750
SHEAR TESTING DEVICE
John Daniel Mann, National City, Calif.
Application July 11, 1944, Serial No. 544,440
4 Claims. (Cl. 73—101)



4. In a shear testing device, the combination of a pair of members hinged together, an arm portion on one of said members and said member having a resilient portion to permit flexing relative to the arm portion, an indicator on the member carrying said arm portion engageable with said arm portion, and said members being provided with shearing holes spaced from the hinge axis.

2,437,751
LOCK NUT
Robert Mitchell, Detroit, Mich.
Application February 25, 1943, Serial No. 477,040
5 Claims. (Cl. 151—22)

5. A threaded fastener comprising a body having a threaded opening with substahtially constant diameter threads terminating at one end in an enlarged cylindrical recess, and an annular insert formed of softer metal than said body portion snugly fitted in said recess and having a central opening containing an inner threaded portion having constant diameter threads aligned with and of substantially the same diameter as said body opening threads and also having a gradually-tapered outer threaded portion aligned with and diminishing in diameter from said constant diameter threaded insert portion to the outermost end of said insert, where-

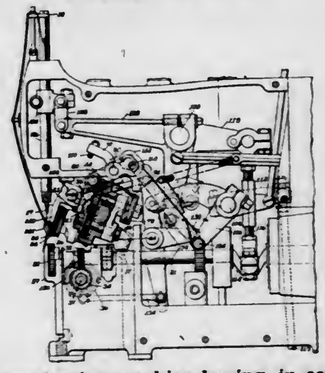


by a threaded member threaded through said body opening first engages the large diameter threads of said insert to firmly anchor said insert in said recess before engaging the gradually-tapered threaded portion thereof with its increased resistance, said insert having the periphery of its inner end bevelled whereby to facilitate its insertion in said recess.

2,437,752
STABILIZATION OF FROZEN GRAPEFRUIT
John T. R. Nickerson, Wakefield, Mass., assignor to General Foods Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application January 29, 1945, Serial No. 575,185
12 Claims. (Cl. 99—193)

1. A method of inhibiting the development of off-flavor in frozen grapefruit, which comprises treating the pulp of grapefruit with a substance selected from the group consisting of alkyl esters of caffeic acid of less than seven carbon atoms in the alkyl radical, hydrocaffeic acid, and alkyl esters of hydrocaffeic acid of less than eleven carbon atoms in the alkyl radical, and thereafter freezing the treated fruit, whereby it will be effectively stabilized against off-flavor development during freezing and subsequent frozen storage.

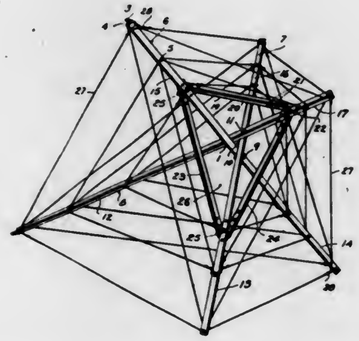
2,437,753
ROUGHENING MACHINE
John R. Oliver, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Original application November 4, 1943, Serial No. 508,913. Divided and this application August 7, 1945, Serial No. 609,460
19 Claims. (Cl. 12—1)



1. A roughening machine having, in combination, a rotary wheel formed about its periphery

to abrade the surface of the work operated upon for the reception of cement, and means for feeding the work past the abrading wheel, comprising rolls mounted substantially coaxially with and disposed one on either side of the abrading wheel.

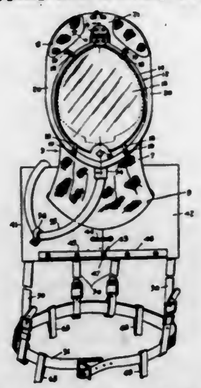
2,437,754
JETTY
George W. Rehfeld, Manhattan, Kans.
Application May 11, 1945, Serial No. 593,125
4 Claims. (Cl. 61—3)



3. A jetty including a pair of main members arranged one crossing the other at a point intermediate ends of said members to provide upwardly and outwardly diverging arms and outwardly and downwardly diverging legs, means for connecting the main members together in said crossing relation, a prop member crossing one of said pair of main members to provide a prop leg cooperating with the legs of the pair of main members to form a tri-point support for said jetty and an upwardly and outwardly diverging arm, means for securing the prop member to said member crossed thereby, a substantially rigid spreader member connecting the arm of the prop member with one of the arms of the pair of members above the crossing point of said crossed members, and similar rigid spreaders connecting said last named arms with the leg of said other member of said pair of members below said crossing points.

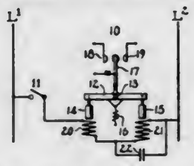
2,437,755
GAS MASK
Carl Rich, Montreal, Quebec, Canada, assignor of one-half to Paul Koenig, Montreal, Quebec, Canada
Application March 3, 1945, Serial No. 580,760
2 Claims. (Cl. 128—141)

1. A gas mask comprising a flexible fabric hood including a head portion and an adjustable metal head frame overlying and secured to the head portion, said head frame including a front portion having an opening therein registering with an opening in the head portion of the hood, a transparent member closing said openings, side plates joined to the front portion of the head frame, and a strap extending rearwardly from the upper edge of the front portion of the head frame across the top and downwardly along the back of the head portion of the hood, said side plates being provided with resiliently connected extensions lapping and slidably secured to com-



plementary extensions of said strap to provide for expansion and contraction of the head frame.

2,437,756
ELECTROMAGNETIC TIMING RELAY
Theodore F. Rosing, Whitefish Bay, and Edwin W. Seeger, Wauwatosa, Wis., assignors to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application November 7, 1945, Serial No. 627,261
4 Claims. (Cl. 175—320)

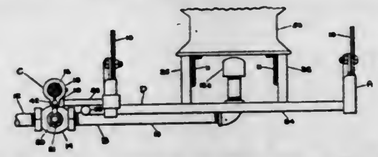


2. In a timing system, a relay comprising an oscillatable armature normally biased to a neutral position, a pair of direct current electromagnets acting upon said armature and tending to move it in opposite directions respectively, the windings of said electromagnets being connected in series with each other for normally passing the same energizing current therethrough, said electromagnets being so constructed and calibrated that the operating effect of one of the same upon said armature for any given current exceeds the effect of the other, and means electrically connected in parallel with the winding of one of said electromagnets to delay the rate of change of the current therein relative to the rate of change of said energizing current upon transient changes thereof.

2,437,757
CAN TREATING DEVICE
Otto B. Rufus, Chicago, Ill., assignor to The Lathrop-Paulson Company, Chicago, Ill., a corporation of Illinois
Application October 14, 1940, Serial No. 361,117
1 Claim. (Cl. 134—49)

A can treating device comprising a frame including a track on which cans are moved for treatment, conduit means for delivering fluid to a can at one position along said track, conduit means for delivering fluid to a can at another position along said track, each of said conduit means being equipped with a valve having a

plunger which is movable to open the valve and release treating fluid through the conduit means, a bar extending longitudinally of said track and mounted for reciprocal longitudinal movement, means for driving said bar in reciprocating movement, separate actuating means pivotally supported by said bar adjacent each of said valve plungers and movable longitudinally with said bar, each of said actuating means being arranged to operate the adjacent plunger to open the valve carrying the same when the actuating means is turned to one angular position and moved longitudinally by the movement of the bar, a weighted arm connected to each of said pivotally-mounted actuating means and normally holding



the actuating means in an angular position wherein the actuating means is not effective to open the adjacent valve, a rocker shaft associated with each of said weighted arms and adapted to be actuated to support the weighted arm, each of said rocker shafts being associated with a finger extending normally above said track and adapted to be depressed by a can moving along said track, the depression of said finger actuating said rocker shaft to support the weighted arm whereby said pivotally-mounted actuating means is turned to said one angular position to operate the adjacent valve upon reciprocating movement of the bar and the actuating means supported thereby.

2,437,758
DARNING LAST
Jay L. Saulsberry, Tucumcari, N. Mex.
Application May 24, 1946, Serial No. 672,034
2 Claims. (Cl. 223—100)



1. A darning last comprising in combination, an elongated base formed with an opening substantially at the center thereof, a frame secured to said base and surrounding said opening, a clamping piece removably receivable in said frame, and a pair of spring clips hingedly connected to said clamping piece, said clips being releasably engageable with the ends of said base.

2,437,759
PROCESS OF PYROLYZING ALPHA-PINENE TO ALLO-OCIMENE IN LIQUID PHASE
Theodore R. Savich and Leo A. Goldblatt, New Orleans, La., assignors to the United States of America as represented by the Secretary of Agriculture
No Drawing. Application September 17, 1945, Serial No. 616,955
1 Claim. (Cl. 260—677)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

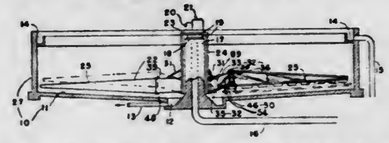
A process of pyrolyzing alpha-pinene to allo-ocimene in the liquid phase, comprising feeding liquid alpha-pinene continuously through a closed reactor maintained at a temperature of about from 400° to 500° C. at a feed rate of about from 480 to 20,000 volumes of the reactor per hour, the higher rates of feed being used at the higher temperatures.

2,437,760
RAKING CLASSIFIER
Charles H. Scott, Summit, N. J., and Frank L. Graner, New York, N. Y., assignors to The Dorr Company, New York, N. Y., a corporation of Delaware
Application April 14, 1945, Serial No. 588,360
18 Claims. (Cl. 198—224)



1. A classifier having a tank with an inclined bottom, a pair of laterally disposed rake structures having transverse raking blades and longitudinally disposed in the tank, and means for imparting longitudinal reciprocating strokes to the rake structures including a rockable shaft longitudinally disposed with respect to the tank, means for supporting the rake structures from the shaft, and means for interruptedly rocking the shaft for alternately raising and lowering the rake structures during transition from one of their strokes to another.

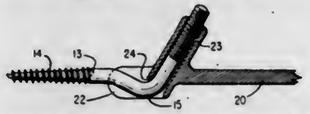
2,437,761
SEDIMENT RAKING MECHANISM FOR A SETTLING TANK COMPRISING A CENTRAL SUPPORT AND A HINGED BODY BETWEEN THE SUPPORT AND THE RAKING MECHANISM
Charles H. Scott, Summit, N. J., assignor to The Dorr Company, New York, N. Y., a corporation of Delaware
Application June 15, 1946, Serial No. 677,004
12 Claims. (Cl. 210—55)



1. A sedimentation unit comprising a tank having a bottom with a depressed portion providing a sediment-receiving sump in the central portion thereof, a marginal wall rising from said bottom, means for supplying liquid mixture to the tank, supernatant liquid withdrawal means leading from the upper portion of the tank, a sediment-discharge leading from said sump and in operative association with the foregoing a sediment raking mechanism having supporting means fixedly positioned with respect to the tank; a main bearing member supported from said supporting means; a movable bearing member mounted on said main bearing member and turnable about a vertically-extending axial line centrally disposed with respect to the marginal wall of the tank; a vertically-extending main carrier supported by said movable bearing member and turnable therewith; means for turning said movable bearing member and said main carrier in a forward direction about said vertically-extending axis; certain yieldably supported rake-carrying arms extending outwardly with respect to said

axis equipped with sediment engaging and impeller elements extending downwardly therefrom and each having a hinge connected section; means for yieldably supporting said certain rake-carrying arms from said turnable main carrier and characterized in that there is included for each yieldably supported rake-carrying arm an outwardly-extending intermediate hinge body of rigid construction, an inner hinge between the turnable main carrier and the inner end portion of said intermediate hinge body whereby the latter is swingably supported from said turnable main carrier, an outer hinge between the swinging end of said intermediate hinge body and the hinge connected section of the arm whereby the latter in turn is carried from the swingable end of said intermediate hinge body, the pintle axes of said inner and outer hinges sloping downwardly and rearwardly with respect to the horizontal paths of the forward turning movement therefor, a compression strut disposed in advance of the lower portion of said intermediate hinge body and hingeably connected at one end of the turnable main carrier and at the other end to the rake-carrying arm whereby the means comprising said intermediate hinge body and the means comprising said strut complete a swingable supporting mechanism; and low limit stop means between the turnable main carrier and a swingably supported member affording support to the rake-carrying arm in a lowermost operative position therefor with respect to the floor of the tank but in a manner to permit a rising of the rake-carrying arm when an abnormal raking load is imposed upon the latter.

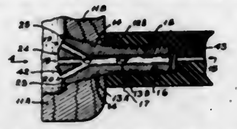
2,437,762
HOOK INSERTING TOOL
Louis Simonin, Hillsboro, Ill.
Application January 17, 1946, Serial No. 641,816
3 Claims. (Cl. 145—50)



1. A tool for inserting a hook formed with a shank portion, a stem portion extending at an obtuse angle to said shank portion and a bent offset portion between said shank and stem portions, the bend of said offset portion lying in the plane passing through the shank and stem portions, said tool comprising a shank, a pair of parallel spaced jaws extending from the end of the shank, the spacing of said jaws being sufficient to embrace the offset portion of said hook, and a tubular extension projecting generally laterally from the jaws and at substantially the same angle to the jaws as that between the shank and stem portions of the hook and adapted to receive the stem of the hook, said tubular extension having a portion projecting between the jaws to engage in the bend of the offset portion of the hook, whereby the shank of the hook and the shank of the tool become axially aligned upon application of end pressure to the shank of the tool and toward the hook.

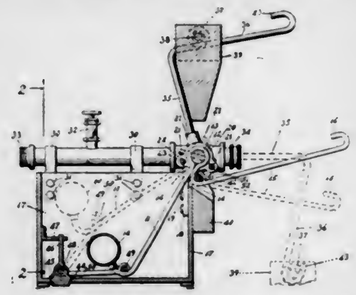
2,437,763
SMOKING PIPE
Emanuel J. Sonn, Riverton, N. J.
Application August 9, 1945, Serial No. 609,846
8 Claims. (Cl. 131—225)

1. A smoking pipe comprising a pipe bowl having a vertical wall provided with a perforation adjacent its bottom wall, said perforation having the form of a truncated cone which tapers from the interior to the exterior of the bowl, the axis of said perforation extending at an angle to the bowl axis, a stem disposed entirely outside the interior surface of said bowl, and terminating adjacent said perforation and provided with a smoke passage and a countersunk hole confronting the bowl and communicating with said smoke passage, a connecting plug consisting of a stem-



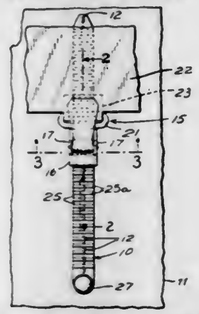
held end and a bowl-held end, said perforation and said bowl-held end being correspondingly tapered, said plug being provided with end surfaces confronting the interior of the bowl and the countersunk hole in the stem, said plug being provided with a main smoke passage extending between said end surfaces and with at least one auxiliary smoke passage providing communication between the interior of said bowl and said main smoke passage.

2,437,764
SPRINKLER CONTROL
John D. Spence, La Crescenta, Calif.
Application December 4, 1945, Serial No. 632,712
5 Claims. (Cl. 137—139)



1. In a mechanism for controlling the flow of liquid from a supply line to a service point; a pipe adapted to be connected between said line and said point, a main valve operable in said pipe line to start and stop the flow therethrough, a timing tank associated with said pipe line; a valve discharge member in said pipe adjustable for varying the rate of flow of liquid from said pipe into said tank when said main valve is opened; a discharge opening in said tank; a normally closed discharge valve controlling said opening; a rock shaft on said tank, means connecting said main valve and said shaft for opening and closing said main valve responsive to the turning of said shaft; a sleeve member mounted on said shaft for limited turning movement relative thereto, coacting drive pins on said sleeve member and said shaft for turning said shaft responsive to turning of said sleeve; an angular crank member fixed at one end to said sleeve member so that when swung into a predetermined elevated position the sleeve member and shaft will be turned to open said main valve, and when swung into a predetermined lowered position, the sleeve member and shaft will be turned to close said main valve; a weight slidable on said crank member so that when the crank member is moved into said elevated position the weight will slide into a balanced position intermediate the ends of said crank member to hold it in said elevated position to open said main valve and when the crank member is tilted out of said elevated position the weight will overbalance and slide along said crank member and swing it into said predetermined lowered position to close said main valve; a float-controlled means operating responsive to the liquid discharged from said pipe into said tank to a predetermined level therein, for turning said sleeve member and tilting said crank member to a position in which the weight will swing the crank member into said lowered position to close said main valve, and means responsive to said float-controlled means for opening said tank discharge valve and emptying said tank.

2,437,765
ADJUSTABLE FASTENING DEVICE
Noel Statham, Greenwich, Conn.
Application March 17, 1945, Serial No. 583,203
1 Claim. (Cl. 24—206)

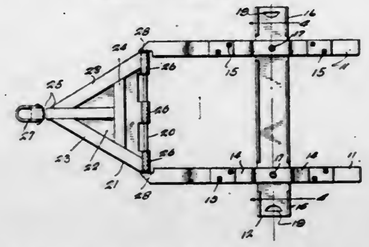


A fastening and adjustment device for securement to two parts together, said device having a track consisting of an integral strip of flexible tape-like material for securement directly to one of said parts, and a slider for securement to the other of said parts, said slider engaging beneath the edges of said track and having its free edges spaced from one another to permit the direct securement of the track along its longitudinal central portion, said slider being movable along the track and having a clamp coacting with the strip for fixedly securing the slide at a desired point on said track by a clamping action directly upon the flexible tape-like material.

2,437,766
METHOD OF CULTURING FUNGI
Elmer C. Stevenson, Takoma Park, and John W. Mitchell, Silver Spring, Md., assignors to United States of America, as represented by the Secretary of Agriculture
No Drawing. Application July 20, 1945, Serial No. 606,296
6 Claims. (Cl. 195—81)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

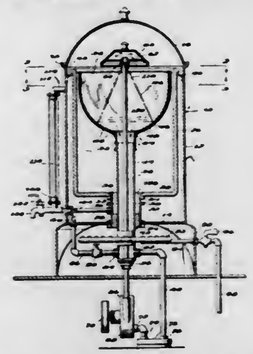
5. A method of cultivating *Penicillium notatum* comprising adding a member selected from the group consisting of 2,4-dichlorophenoxyacetic acid and the alkali metal salts of said acid to a fungus nutrient medium to inhibit the growth of contaminating bacteria therein, inoculating the medium with *Penicillium notatum*, and incubating the inoculated medium.

2,437,767
SLEIGH
Donald W. Thompson, Windham, N. Y., assignor to Thompson Brothers, a copartnership composed of Ferris B. Thompson, Raymond H. Thompson, and Donald W. Thompson, all of Windham, N. Y.
Application April 2, 1945, Serial No. 586,057
1 Claim. (Cl. 280—19)



In a sleigh for logging and lumbering operations consisting of steel girders, runners consisting of I-irons, a bolster consisting of an I-iron provided with two flattened portions, bolster blocks consisting of H-irons cut to a trapezoidal shape and having a seating surface on the runners equal to the width of the same and an enlarged upper surface for seating the bolster, means for fixing said bolster and blocks simultaneously on the runners by means of a joint-like connection said means comprising a band for each side, fixed to the upper flanges of the I-iron forming the runner, and passing over the flattened portions of the bolster, and a bolt passing through said band, bolster and bolster block inclined with respect to the runner and fixed on one flange thereon, said bolt and band clamping the above-named parts firmly together while permitting a relative twisting movement around the bolts between them.

2,437,768
METHOD AND APPARATUS FOR MAKING BEVERAGES
Journey Franklin Timberlake, Charlottesville, Va.
Application February 10, 1944, Serial No. 521,824
8 Claims. (Cl. 99—71)



1. In a device of the type described, a water container, a coffee solution container, a funnel shaped filter adapted to support ground coffee and having a discharge orifice, a baffle plate positioned above said filter, a fluid pump, means connecting said pump to receive water from said

water container, means for directing the output of said pump forcefully against said baffle for distribution to said filter, means connecting said pump to receive fluids passing through said filter orifice, said filter being adapted to pass to said coffee solution container a portion of the fluids received thereby and to cause a portion of the water received thereby to wash a portion of the ground coffee on said filter into said discharge orifice, and means connecting said pump to receive the water and ground coffee passing into said filter orifice, whereby a continuous circulation of water and entrained grounds takes place from said filter to said pump, then to said baffle, and back to said filter.

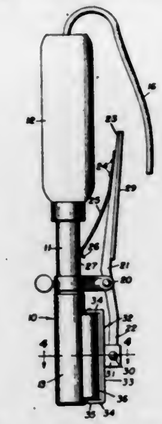
2,437,769
MECHANICAL PENCIL WITH STEP-BY-STEP FEED
John B. Traylor, Denver, Colo.
Application April 24, 1945, Serial No. 590,035
6 Claims. (Cl. 120—17)



1. In a pencil construction, a handle member, a lead guiding tip on one end of said handle through which a lead is fed to expose a short length outwardly of the tip, a lead guide extending longitudinally of said handle, a push rod slidably mounted in said lead guide and having a pawl extending laterally of said push rod, a longitudinally extending slot in said lead guide, through which said pawl extends, the material of the lead guide at one side of said slot being provided with a plurality of ratchet teeth engageable with said pawl, and a weight means mounted in said handle for free longitudinal movement along said handle for imparting an impact to said push rod upon a reciprocatory movement of the assembly to move said push rod and pawl to the next tooth in the direction of the movement of lead out to the tip of the pencil.

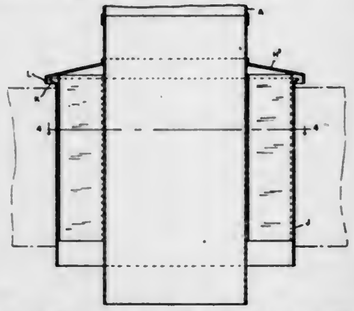
2,437,770
COMBINATION IMPLEMENT
Jacques T. Van Olden, Durban, Natal, Union of South Africa
Application November 26, 1946, Serial No. 712,449
3 Claims. (Cl. 219—19)

1. A combination implement which includes, an elongated circular cylindrical heater, a neck extending from one end thereof in axial alignment therewith, a handle on the end of the neck opposite the heater, a collar adjustably mounted on the neck, a set screw extending through the collar for impingement against the neck to hold the collar in adjusted position on the neck, a pair of ears projecting radially from the collar, a lever pivoted intermediate its ends between the ears to swing about an axis which lies perpendicular to the longitudinal axis of the heater, a yoke pivoted to the end of the lever adjacent the heater to swing about an axis which lies parallel with



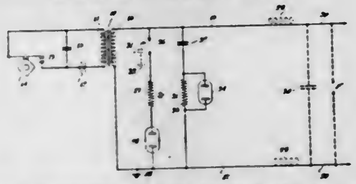
the axis about which the lever swings, at least one roller mounted in said yoke to rotate about an axis which lies perpendicular to the axis about which the yoke swings and a spring between the end of the lever remote from the yoke and the neck yieldingly to urge the roller into peripheral contact with the heater.

2,437,771
STACK
Clyde F. Wait, Flint, Mich., assignor to Palace Corporation, Flint, Mich., a corporation of Michigan
Application December 6, 1943, Serial No. 513,081
2 Claims. (Cl. 98—84)



1. A stack comprising a cylindrical portion extending upward above the roof of the building, a conical cap spaced above and secured to said cylindrical portion to extend radially beyond the same forming projecting eaves, a cylindrical sleeve surrounding and spaced from said cylindrical portion to overlap and extend parallel thereto for a large portion of its length being also spaced from the outer edge of the eaves portion of said cap and extending above the same, said sleeve being open at its lower end, an outwardly flaring flange at the upper end of said cylindrical portion for directing any upward current in the sleeve outward beyond said eaves, a conical contracting portion at the upper end of said sleeve extending above the apex of said conical cap, a conical flange surrounding said cylindrical portion below the lower end of said sleeve for directing current upward through the latter, a second sleeve surrounding the portion of said cylindrical portion which passes through the roof and forming a heat insulation for the latter, said second sleeve extending upward beneath said last mentioned conical flange and spaced therefrom for the escape of air therethrough.

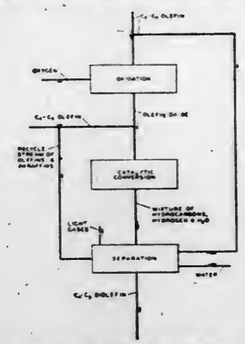
2,437,772
ELECTRICAL HARNESS TESTER CIRCUIT
Alexander C. Wall, Indianapolis, Ind., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
Application December 7, 1943, Serial No. 513,238
5 Claims. (Cl. 175—183)



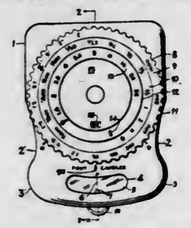
1. An electrical testing apparatus for testing the electrical characteristics of a utility having a breakdown path comprising leads to be connected to the utility to be tested, a source of alternating voltage connected across said leads to supply testing voltage thereto, a shunt discharge path connected across said leads having a gap adapted to break down and pass current when subjected to said testing voltage, said path having impedance characteristics to damp out any high frequency currents produced by the discharge across said gap, a high frequency shunt path connected across said leads having high pass filter means to discriminate against the low frequencies produced by said gap discharge, said high frequency shunt path cooperating with the breakdown path of said utility to form a high frequency circuit in which high frequency oscillations are produced by a discharge across said breakdown path, indicating means for showing passage of current in said shunt discharge path, and an indicator connected in said high frequency circuit, said indicator being operable when the current through said high frequency shunt path reaches a predetermined magnitude.

2,437,773
PROCESS FOR THE PRODUCTION OF DIOLEFINS
Thomas H. Whaley, Bartlesville, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware
Application January 7, 1944, Serial No. 517,451
13 Claims. (Cl. 260—681)

5. A process for the production of a diolefin of four to five carbon atoms per molecule from olefins of two to five carbon atoms per molecule, which comprises passing an olefin of two to three carbon atoms per molecule to an oxidation zone under such conditions as to effect conversion to the olefin oxide; passing said olefin oxide in admixture with an olefin of four to five carbon atoms per molecule to a conversion zone into contact with a dehydrogenation catalyst under such conditions as to effect dehydrogenation of said four to five carbon atom olefin to diolefin, reduction of said olefin oxide to olefin, and condensation of resulting low molecular weight olefin with olefin oxide to form diolefin, olefin oxide also functioning in said dehydrogenation as a hydrogen acceptor; separating olefins of two to three carbon atoms per molecule from the effluent from said conversion zone; and recycling said last named olefins to said oxidation zone.



2,437,774
DIRECT READING PHOTOELECTRIC EXPOSURE METER
Frederick P. Willcox, Arlington, Va.
Application December 16, 1944, Serial No. 568,429
7 Claims. (Cl. 88—23)

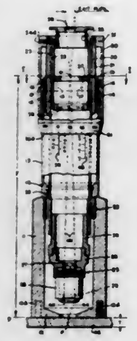


1. In a photoelectric exposure meter, a light sensitive cell, a meter connected to said cell and having a pivoted indicating needle, a continuously variable resistor connected to said meter and said cell, an indicia-bearing element arranged to adjust said variable resistor, a member pivotally mounted upon an axis substantially parallel to the pivotal axis of said needle and bearing a fiducial mark arranged for movement contiguous to the path of said needle to permit alignment of the needle and mark, and a continuous motion-transmitting connection between said member and said element, said connection being so arranged that movement of said element in a direction to reduce the resistance of said variable resistor causes a concomitant movement of said member in that direction of needle movement corresponding to a reduction in energization of said cell.

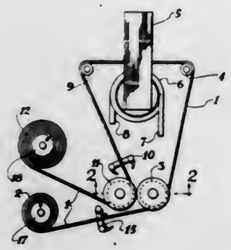
2,437,775
OPTICAL MICROMETER FOR MEASURING THE THICKNESS OF TRANSPARENT OR TRANSLUCENT BODIES
William Ewart Williams, Pasadena, Calif.
Application February 11, 1946, Serial No. 646,787
4 Claims. (Cl. 88—14)

1. An optical micrometer for measuring the thickness of transparent or translucent bodies,

which comprises a support having a reference surface adapted to engage the front surface of the body to be measured, a lens system adapted to be focused on the surfaces of said body, a member carrying said lens system and movable relative to said support in so focusing said lens system, screw means connecting said support and said member for so moving said member, the pitch of said screw means in turns per unit of linear movement between said member and support being ten times the index of refraction of the material to be measured, a rotating decimal graduated micrometer scale, carried by said screw means, and a scale carried by said support, cooperating therewith and graduated in units of rotation of said screw means, whereby the units of said scale indicate the linear movement of the object plane of said lens system rather than the linear movement between said member and support.

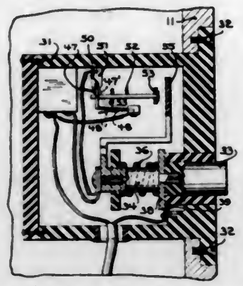


2,437,776
ELECTRIC INDUCTION FURNACE FOR CONTINUOUSLY HEATING METAL STRIP
Golder P. Wilson, Alton, Ill., assignor to Olin Industries, Inc., a corporation of Delaware
Application May 22, 1944, Serial No. 536,750
11 Claims. (Cl. 219—13)



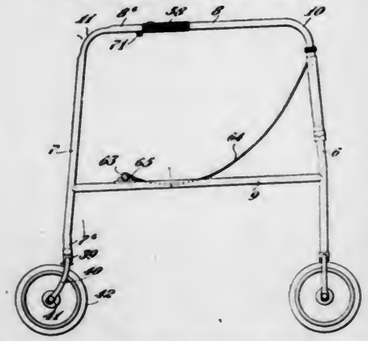
1. An electric induction furnace for heating metal strip comprising a primary induction means, means for advancing said strip about said primary induction means, a metal roll in contact with the portion of the strip advancing toward said induction means, a metal roll in contact with the portion of the strip leaving said induction means, and metal roller means electrically connecting said metal rolls.

2,437,777
DOOR OPEN SIGNAL SYSTEM
Karol Zajc, New York, N. Y.
Application March 20, 1945, Serial No. 583,764
4 Claims. (Cl. 177—311)



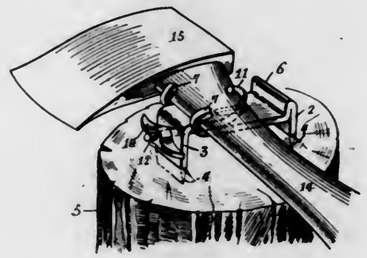
1. In combination with a hinged door, an insulation housing having mounted on the jamb of said door, a push button projecting from said housing to be pressed inwards when said door is closed, resilient means urging said push button outwards, a stationary contact within said housing and a contact carried by said push button to engage said stationary contact when said push button is extended, a bell circuit including in series said contacts and a high resistance circuit interruptor, a shunt circuit by-passing said high resistance and circuit interruptor and including in series a contact arm and a low resistance bi-metal thermostat, means for pivotally supporting said contact arm, means for resiliently urging said contact arm against said bi-metal thermostat when the latter is cool and past the thermostat when the latter is warm, and means operated by said push button for resetting said contact arm against said thermostat when said push button is depressed.

2,437,778
PORTABLE SUPPORT FOR INVALIDS
Butler Ames, Boston, Mass., assignor to The Walkabout Company, Lowell, Mass., a corporation of Massachusetts
Application February 2, 1944, Serial No. 520,745
9 Claims. (Cl. 155—22)



9. A portable support for invalid or similar use comprising a pair of supporting units and a back and hinge means uniting the back to each supporting unit, the hinge means being so constructed and arranged that, at will, the supporting units may be folded into substantially parallel relation to the back, and a seat normally interposed between the supporting units, each unit including lengths of hollow tubular material shaped to provide a substantially horizontal hand-supporting rail and front and rear legs, each hand-supporting rail including a tubular guide member provided with a bore constituting a guideway, a pair of plugs sliding in said guideway, a flexible transmitter attached to each plug and extending through the hollow hand-supporting rail and to the lower end of one of the respective legs, a wheel carried by each leg, a brake for each wheel, each brake being movable axially of the leg and a spring urging each brake toward the periphery of its respective wheel, means connecting the lower end of each transmitter to one of the respective brakes, a cylindrical sleeve mounted to turn on each of said tubular guide members, each sleeve having a pair of axially spaced, oppositely inclined cam slots in its wall, a pin projecting from each plug into one of said cam slots, and means for turning the sleeve, thereby to cause the plugs to move toward or away from each other and thus release or apply the brakes to the several wheels, and a manually-actuable locking element operative at will to connect the cylindrical sleeve to a relatively stationary portion of the hand-supporting rail.

2,437,779
TOOLHOLDER
Leoni Carpentier, Montreal, Quebec, Canada
Application January 3, 1947, Serial No. 720,049
In Canada January 9, 1946
6 Claims. (Cl. 51—218)



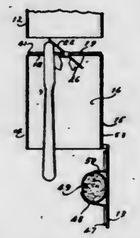
2. A tool holder comprising an inverted U-shaped member having a base and sharpened sides for driving into a body of wood, a pair of hooks formed at the edges of said base and extending outwardly therefrom, said base having a slot perpendicular to the planes of said sides, a hook received in said slot and having a threaded free end extending through one of said sides, and a nut on said end and bearing against the outer surface of the last named side.

2,437,780
GRAIN CAR DOOR IMPLEMENT
Cornell Flagstad, Minneapolis, Minn.
Application April 22, 1944, Serial No. 532,296
7 Claims. (Cl. 254—113)

5. An implement for raising grain car doors each having a rest member and a hook member mounted in vertically spaced relation, comprising in combination, a handle having an operating end, a pin in said operating end, a leg member having an operating end and a pin therein and said member having a pivotal connection between its other end and the handle and permitting swinging and spreading movements of its operating end toward and away from the operating end of the handle in response to manipulation of the handle, the said pins being releasably engageable with the hook and rest members in the doors for exerting vertical spreading movements between the doors, the said leg member including a bifurcated portion, and spring means for urging said bifurcated portion of the leg member into frictional engagement with the handle to hold the leg member in adjusted positions with respect to the handle.

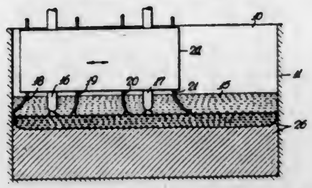


2,437,781
TOOTHBRUSH HOLDER
Eold J. Hagglund, Erie, Pa.
Application March 17, 1945, Serial No. 583,365
5 Claims. (Cl. 206—15.1)



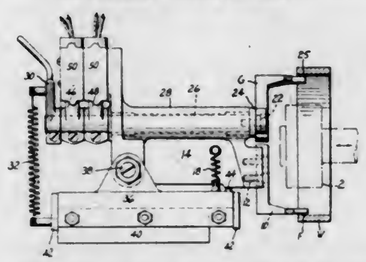
5. A tooth brush holder comprising a container formed by separable upper and lower parts, the upper part constituting a closure for the top opening of the lower part, a continuous ledge extending inwardly of the walls of said container, said ledge serving to divide the interior of said container into two compartments and providing a restricted opening therebetween, said ledge having slots on opposite sides of and joining said restricted opening, a shutter pivotally mounted in said opening in a manner to be oscillatable into and out of the plane of said ledge whereby to open or close the open ends of said slots, and a closure for the bottom opening of the lower part of said container, said closure being pivotally swingable into a position to give access to the interior of the lower part of said container and the mounting and removal of a brush with respect to said ledge and shutter.

2,437,782
MANUFACTURE OF COMPOSITE METAL ARTICLES
Robert K. Hopkins, New York, N. Y., assignor to The M. W. Kellogg Company, New York, N. Y., a corporation of Delaware
Application June 18, 1945, Serial No. 600,174
4 Claims. (Cl. 22—204)



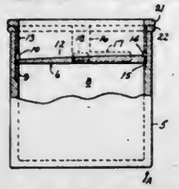
1. In the method of uniting metals in which electrodes are oscillated across the bonding surface of a metal body while they are progressed along said surface to effect progressive areal fusion of said surface and in which variations in electric energy input into said surface by reason of the oscillations of said electrodes result in the fusion of varying depths of the metal of said body, the steps comprising, preparing a metal body with a bonding surface contoured to compensate for variations in electric energy input into said body due to the oscillations of the electrodes employed in fusing said surface, discharging electric current through gaps between a plurality of spaced electrodes and the bonding surface of said metal body to fuse metal of said body, depositing molten metal in contact with the fused surface of said metal body to effect an integral bond between said body and the deposited metal, and oscillating said electrodes in unison across said surface while advancing said electrodes along said surface to effect progressive areal coverage of said surface by said electrodes and to fuse metal of said body to depths required to provide a substantially straight line between the deposited metal and the metal of said body when the deposited metal solidifies.

2,437,783
WORK GAUGING DEVICE FOR BORE GRINDING MACHINES
Philip H. Hutchinson, Montclair, N. J., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application March 17, 1945, Serial No. 583,280
13 Claims. (Cl. 51—165)



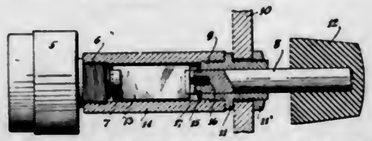
1. In a device of the character indicated, means for rotatably supporting a circular work piece, a gauge carrier floatingly supported on the work, a work engaging feeler mounted on the floating carrier for movement peripherally of the work, and a spring urging the feeler peripherally of the work.

2,437,784
NONSPILLABLE CUP
Louis J. Laskin, Los Angeles, Calif., assignor to William I. Zidell and Louis J. Laskin, both of Los Angeles, Calif., doing business as Lasdell Products Co., Los Angeles, Calif., a partnership
Application September 4, 1944, Serial No. 552,643
6 Claims. (Cl. 65—13)



1. In a cup, a hollow body element having a shoulder extending around the inner circumference thereof, and a dished cover element nesting within the body element and engaging the shoulder, the body element having recesses therein extending through and below the shoulder, the cover element having a passage for the flow of liquid therethrough and having an air vent, the cover element being rotatable to move the passage and vent into register with the respective recesses to communicate the hollow of the body with the interior of the cover element, the passage and vent being arranged to be closed by the shoulder when the cover element is rotated upon the shoulder to a position placing the passage and vent out of register with said recesses.

2,437,785
ELECTRICAL INSTRUMENT COUPLING
George J. Mucher, Brooklyn, N. Y., assignor to Clarostat Mfg. Co., Inc., Brooklyn, N. Y., a corporation of New York
Application May 19, 1945, Serial No. 594,774
6 Claims. (Cl. 64—1)



1. In combination, an electrical unit, a mounting member spaced therefrom, substantially aligned bushings extending from said mounting member and unit and having their ends spaced and extending towards each other, a tube mounted between said bushings and connecting the same, an operating shaft extending from said electrical unit through the adjacent bushing and terminating within said tube, an actuating shaft extending through the bushing supported by said mounting member, into said tube and terminating at a point spaced from said first named shaft, the adjacent ends of said shafts being formed with notches in their end faces and a flat bridging strip having its ends disposed within said notches, said strip being restrained from sidewise displacement from said notches by said tube.

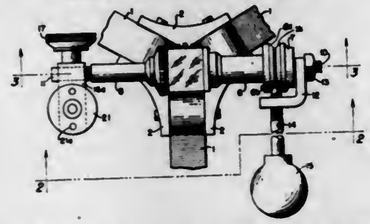
2,437,786
TETHER APPARATUS
George S. Oberdorf and Thelma J. Oberdorf, Chula Vista, Calif.
Application September 25, 1945, Serial No. 618,561
6 Claims. (Cl. 242—107)

1. In a tether apparatus of the class described a combination of a casing having a spike in connection therewith adapted to be forced into the ground, a shaft rotatably mounted in said casing, a spool secured in connection with said shaft, a coil spring having its inner end in connection with said shaft, a disc shaped transfer plate connected to the outer end of said coil spring, a second coil spring connected at its inner end to



said transfer plate and secured at its outer end to said casing, radially disposed pegs connected to the hub of said spool intermediate the ends thereof, said casing provided with a U-shaped slotted portion in its sidewall, the legs of said U-shaped slotted portion aligned with said spool at opposite sides of said radially disposed pegs.

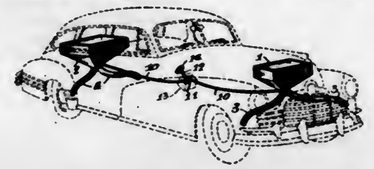
2,437,787
PANORAMIC CAMERA TRIPOD CONTROL
Van A. Parker, San Diego, Calif.
Application February 17, 1945, Serial No. 578,499
5 Claims. (Cl. 248—183)



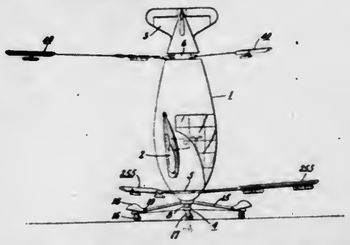
1. In a camera control, a support rotatable on a vertical axis, a fixed bevel gear mounted on said axis, a torque tube rotatably mounted in said support and having rigidly mounted thereon a bevel gear engaging the first mentioned bevel gear, a torque rod within said torque tube and supporting a camera mount at one end thereof and supporting at the other end thereof a lever to lock temporarily said torque tube to said torque rod.

2,437,788
SANDING DEVICE FOR MOTOR VEHICLES
Joseph Ulric Richard, Montreal, Quebec, Canada
Application November 21, 1946, Serial No. 711,332
In Canada February 13, 1946
1 Claim. (Cl. 291—35)

In combination with a motor vehicle, a pair of hoppers mounted thereon, tubes leading from said hoppers to points in front of the forward and rear wheels of said vehicle, said tubes merging at said hoppers, a valve slidable through the merged tubes at each hopper, flexible thrust members extending from lugs pivotally mounted on said valves and having their free ends in proximity to each other, a triangular wedge block movable between said free ends engaged thereby, and a pedal on said wedge, and means to return said slidable valves to normally closed position.



2,437,789
AIRCRAFT PROVIDED WITH FIXED AND ROTARY WINGS FOR CONVERTIBLE TYPES OF FLIGHT
Samuel Davis Robins, New York, N. Y.
Application September 28, 1942, Serial No. 459,897
11 Claims. (Cl. 244—7)



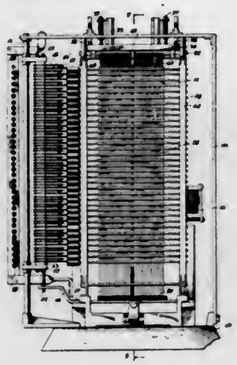
10. An aircraft comprising in combination at least a pair of coaxial counter-rotating free-bladed propellers capable of developing a thrust in either direction of the propeller axis, said propellers being located at either side of the center-of-gravity of the aircraft with said center-of-gravity located at approximately one third the distance from one propeller to the other; and, a fixed wing located between said propellers with its center-of-pressure substantially coincident with said center-of-gravity.

11. In an aircraft rotor, the combination with a blade member of aerodynamic control means, said member and means together forming an aerodynamically stable lift-producing structure, said control means comprising a blade elevator at either end of said blade member, said elevators being angularly related to each other so as to impart a "twist" to said blade member in its flight path sufficient to impart a substantially uniform angle of attack to said blade member throughout its span; and, pilot operated means for angularly adjusting said blade elevators simultaneously so as to vary the stable angle of attack at which said blade assembly meets the air.

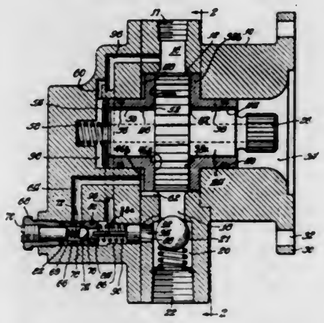
2,437,790
ELECTRIC CIRCUIT CONTROLLER
Bert W. Roth, Riverdale, N. Y., assignor to Trans-Lux Corporation, New York, N. Y., a corporation of Delaware
Application July 27, 1944, Serial No. 546,884
16 Claims. (Cl. 177—353)

5. A controller including in combination movable permutation bars, selector bars, means for

moving one of said selector bars subsequently to the movements of said permutation bars, actuating units connected to be longitudinally shifted by said selector bars, projections and members engaged thereby to effect the control of circuits individual to a projection and member, said projections being disposed in groups, each comprising a multiplicity of projections, the projections in each group providing a different permutation and being of a number less than the total of said members, one each of said groups being connected to each of said actuating units, and said members being disposed in a single group common to the projections of all groups.

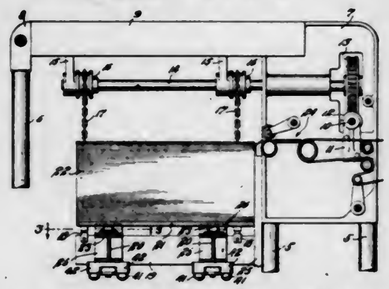


2,437,791
PUMP WITH UNLOADING BUSHING
Jay M. Roth, Euclid, and John A. Lauck, South Euclid, Ohio, assignors, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application June 26, 1943, Serial No. 492,383
9 Claims. (Cl. 103—126)



8. In a liquid pressure pump: means defining a housing having a low pressure liquid inlet, a high pressure liquid outlet and an intervening pump chamber receiving intermeshing gears between the end walls thereof adapted to be driven by an external source of power for generating liquid pressure; axially adjustable bearing and pumping seal defining means in said chamber adjacent at least one side face of each of said gears, said means including a radial flange portion having a first surface on one side thereof radially outwardly coextensive with the gear teeth, said flange portion having a second surface on the opposite side thereof normally separated from the adjacent housing end wall and providing a space for liquid under pressure generated by said gears for urging said radial flange into pumping seal relation with the associated gear face; conduit defining means effective to place said space and second surface in pressure liquid communication with the pressure generated by said gears; and means responsive to the generation of a pressure by said gears having a selected maximum value effective to place said space in communication with said inlet whereby to cause said first surface of said bearing and pumping seal defining means to move axially out of pumping seal engagement with said gear side face and the liquid in said pump to be recirculated from the outlet of said gears back to the inlet to said gears between said gear side face and said flange to thus relieve the load on said pump.

2,437,792
SHEET FEEDING APPARATUS
Walter E. Schneider, Pearl River, N. Y., assignor to Dexter Folder Company, Pearl River, N. Y., a corporation of New York
Application June 1, 1944, Serial No. 538,239
4 Claims. (Cl. 271—62)

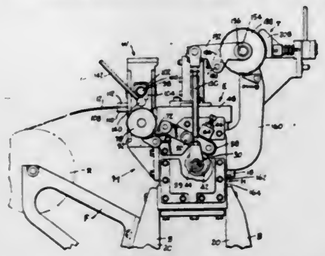


3. In sheet handling apparatus of the type having a pile elevator, means for supporting a pile of sheets on said elevator comprising two longitudinally spaced cross beams, brackets secured to opposite ends of said cross beams and each having vertically spaced laterally projecting arms, a jack screw rotatably mounted in said arms, and a hook member disposed between the arms and having threaded engagement with said jack screw.

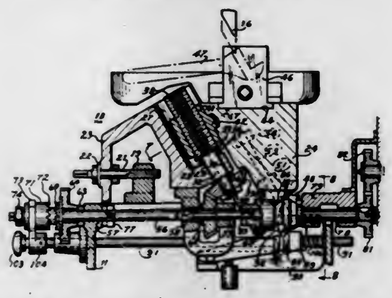
2,437,793
ZIPPER MANUFACTURING MACHINERY
David Silberman, New York, N. Y.
Application September 23, 1944, Serial No. 555,572
40 Claims. (Cl. 153—1)

1. Slide fastener stringer manufacturing apparatus including means for feeding a tape into a predetermined position, means for feeding a metallic member towards that position, and means immediately at that position for performing all operations upon the fed member to form slide fastener elements from the fed member and to attach the elements to the fed tape directly from the fed member, the feeding means including a base, a shaft carried by the base, a ram, and cooperating means carried wholly by the ram and the base and driven from the shaft for forming and cutting elements from the member and attaching the elements to the tape.

5. In punch press construction, a base having a recess formed therein, a die block fitted into said recess and retained therein, a ram retained for movement towards and away from the die block, a punch block fixed to the ram, the punch block having a recess formed therein, means to form a wall at one end of the recess, the die block having a recess immediately below the recess in the punch block, a punch-retaining member clampingly retained in the recess in the punch block to position punches retained thereby towards and away from the recess in the die block, and a die-piece-retaining member clampingly locked in the recess in the die block and having means for interrelation with said punches, the punch-retaining member and the die-piece-retaining member being separable from the press without disturbing the relation of the ram and the punch block or the relation of the ram to the base or the relation of the die block and the base.



2,437,794
METALWORKING MACHINE
Ernest H. Varmee, Jamestown, N. Y., assignor to Rane Tool Company, Inc., Jamestown, N. Y., a corporation of New York
Application September 29, 1943, Serial No. 504,282
8 Claims. (Cl. 90—49)



1. In a machine having an overhead reciprocable cutting tool, a base, a work mounting fixture on said base, said fixture comprising relatively movable parts, one of said parts being secured to said base and the other of said parts including a work piece mounting, guide means associating said parts, a feed mechanism for said other part including means for moving a work piece into and out of the path of operation of said tool, a two directional drive for said mechanism, clutches for connecting said drive with a source of power, manually operable means for actuating one of said clutches and means associated with said drive for actuating the other of said clutches.

2,437,795
PROCESSES OF MAKING ORGANIC PHOSPHINES
Cheves Walling, Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 13, 1944, Serial No. 544,835
3 Claims. (Cl. 260—607)

1. The process which comprises making a mixture of an alkali metal salt of an organic phosphine and an ester of an inorganic acid in an inert liquid medium, said phosphine compound being represented by the formula PR'R''Me, wherein R' is a member of the class consisting of alkyl radicals of 1 to 18 carbon atoms and allyl, benzyl, beta-phenylethyl, tetrahydro-naphthyl, cyclopentyl, borneyl, cyclohexyl, phenyl, tolyl and naphthyl radicals, wherein R'' is a member of the class consisting of hydrogen, alkyl radicals of 1 to 18 carbon atoms and allyl, benzyl, beta-phenylethyl, tetrahydronaphthyl, cyclopentyl, borneyl, cyclohexyl, phenyl, tolyl and naphthyl radicals, and wherein Me designates an alkali metal, said ester compound being represented by the formula RX wherein R is a member of the class consisting of alkyl radicals of 1 to 8 carbon atoms and benzyl, cyclohexyl, allyl and cyclohexenyl radicals, and wherein X is a member of the class consisting of acid radicals of halogen acids, sulfuric, sulfurous, nitric, phosphoric, phosphorous and carbonic acids, and retaining said compounds in admixture at reaction temperature until the metal is replaced by the radical R.

2,437,796
PROCESS FOR MAKING ORGANIC PHOSPHORUS HALIDES
Cheves Walling, Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 13, 1944, Serial No. 544,836
7 Claims. (Cl. 260—607)

1. The process which comprises dissolving in an inert liquid organic solvent an organic phosphine represented by the formula RPH_2, wherein R is a member of the group consisting of alkyl radicals of 1 to 18 carbon atoms, benzyl, cyclohexyl, phenyl, tolyl and naphthyl radicals and the corresponding inertly substituted radicals in which said inert substituent is selected from the group consisting of fluorine, chlorine, bromine, iodine, nitro, —NHCOR, —OR, —SR and $—SO_2R$, wherein R has the meaning hereinbefore defined, adding sufficient of a halogen selected from the group consisting of chlorine, bromine and iodine to replace hydrogen attached to the phosphorus of said phosphine, and maintaining a temperature at least as high as the temperature at which the reaction medium is liquid and not higher than the refluxing temperature of the medium, until said hydrogen which is attached to the trivalent phosphorus is replaced by the halogen.

2,437,797
NEW METAL SALTS OF ORGANIC PHOSPHINES AND PROCESSES OF MAKING THE SAME
Cheves Walling, Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 13, 1944, Serial No. 544,837
6 Claims. (Cl. 260—607)

1. A metal salt of an organic phosphine repre-

sented by the formula PRR'Me, wherein R is a member of the group consisting of alkyl radicals of 2 to 18 carbon atoms and allyl, benzyl, cyclohexyl, cyclopentyl, borneyl, phenyl, tolyl and naphthyl radicals, and wherein R' is a member of the group consisting of hydrogen, alkyl radicals of 1 to 18 carbon atoms and allyl, benzyl, cyclohexyl, cyclopentyl, borneyl, phenyl, tolyl and naphthyl radicals.

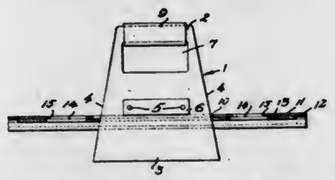
2,437,798
NEW SECONDARY ORGANIC PHOSPHORUS HALIDES AND PROCESSES FOR MAKING THE SAME
Cheves Walling, Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 13, 1944, Serial No. 544,838
5 Claims. (Cl. 260—607)

1. Di-n-butyl bromo phosphine.

2,437,799
CRAZE-RESISTANT SYNTHETIC RESIN COATED PRODUCT AND PROCESS OF MAKING IT
Nelson Richard Yorke, Trenton, N. J., assignor to St. Regis Paper Company, New York, N. Y., a corporation of New York
No Drawing. Application June 22, 1945, Serial No. 601,075
9 Claims. (Cl. 154—121)

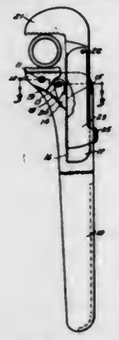
1. The process for producing a laminated product, having a craze-resisting and pigmented surface, which comprises: applying to a foundation body a surface sheet coated with a thermosetting synthetic resin varnish containing pigment and about 2 to 12% of glass fibers by weight of the total solids in said varnish, and consolidating the assembly under heat and pressure to produce a body having a substantially infusible, insoluble and craze-resisting pigmented continuous film on its surface.

2,437,800
BOTTLE HOLDER
Henry C. Andersen, Lancaster, Calif.
Application October 17, 1945, Serial No. 622,901
4 Claims. (Cl. 294—87)



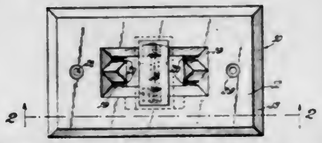
1. A bottle carrier, comprising a pair of relatively superposed slidable plates having openings aligned in one position to receive the bottles, and relatively off-center in another position to clamp the bottles between edges thereof, the plates having slots aligned in one position and relatively off-center in another position, and a handle mounted in the slot and having downwardly and outwardly angled side parts forming a wedge to engage the ends of the slots to move said plates with the slots and openings off-center when the handle and bottles are lifted to clamp the bottles, means for slidably holding the plates together, and means for preventing detachment of the handle, said handle having a cross bar forming a stop to prevent removal of the handle from the slot although allowing limited sliding movement through the slot.

2,437,801
PIVOTALLY AND SLIDABLY MOUNTED OUTER JAW WRENCH
Thomas K. Andersen, Staten Island, N. Y.
Application September 4, 1945, Serial No. 614,252
2 Claims. (Cl. 81—100)



1. A wrench comprising a hollow handle having a jaw at its upper end, a head slidable through the upper end of said handle and tiltable laterally with respect thereto, said head having at its upper end a jaw for coaction with said handle jaw and having a series of teeth along its front edge, a dog pivoted to said handle and having a series of teeth along its back edge for coaction with said head teeth, a spring normally urging the dog teeth into engagement with the head teeth, and a yoke engageable with the dog whereby to disengage the dog from the rack teeth on the head, the arms of which straddle the sides of said head and are fastened at their upper ends thereto, the cross-bar of said yoke being exposed at the back of said handle and constituting a thumb-bearing portion to receive the pressure of the thumb of the hand which grasps the wrench handle.

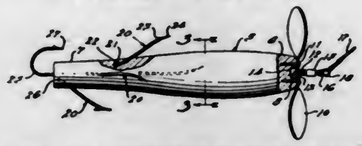
2,437,802
ELECTRICAL WALL OUTLET
Melvin S. Adler, Chicago, Ill.
Application May 13, 1946, Serial No. 669,261
2 Claims. (Cl. 200—115.5)



1. A wall outlet, including a face plate having a longitudinally extending shallow depressed portion of rectangular cross section at the outer face thereof, a chamber of rectangular cross section extending transversely of said plate and underneath thereof opening into said depressed portion, a casing secured to said face plate, two pair of contacts in said casing, a pair of links connecting corresponding contacts of each pair, one of said links having a spring contact intermediate its ends, a terminal plate on said outlet connected with one of said links, and provided with a spring contact, a second terminal plate

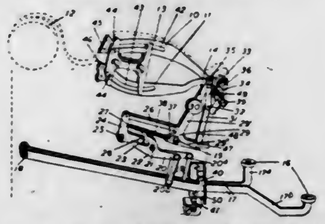
secured to said outlet, and a fuse carrier in said chamber extending with spring clips into engagement with the spring contacts of said link and terminal plate, said fuse carrier having its outer face flush with the outer face of said face plate.

2,437,803
FISH LURE
John Irving Bell, Royal Oak, Mich.
Application December 1, 1943, Serial No. 512,425
3 Claims. (Cl. 43—47)



1. A fish lure comprising a body portion having a series of fish hooks carried thereby, and a propeller mounted on the front of the body portion, said propeller having its axis offset relative to the the axis of said body portion to cause said fish lure to travel through the water in a zigzag path and simultaneously rotate about its own axis.

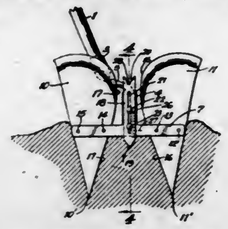
2,437,804
END THRUST TYPE BAR ACTION FOR TYPEWRITING MACHINES
Claude Wellington Brumhill, Leicester, and Arthur Pateman, Rothley, England, assignors to The Imperial Typewriter Company Limited, Leicester, England
Application September 7, 1945, Serial No. 614,898
In Great Britain September 14, 1944
9 Claims. (Cl. 197—25)



1. A typewriting machine having end thrust type bars having type blocks, an upstanding supporting and operating lever for each bar movable about a fixed pivot lower than the bar, curvilinear cam tracks associated with the type bars for producing a substantially rectilinear final movement of the type blocks, a toggle interposed between each type bar and a fixed pivot to straighten as said bar moves forward on its support lever and track, a swinging weight for each toggle, a lever arm for each weight, and a link between said lever arm and the associated toggle.

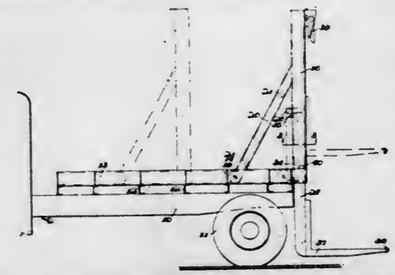
2,437,805
HAND GARDEN CULTIVATOR AND FURROW FORMER
Archibald M. Chilcote, Glen Ellyn, Ill.
Application August 29, 1945, Serial No. 613,325
5 Claims. (Cl. 97—70)

2. In an implement of the class described, a support member having a laterally extending offset portion thereon, one end of said support member having a sleeve incorporated therein for the reception of a handle, the other end of said support member being substantially flat and extending in a vertical plane; a rearwardly curved horizontally extending cross bar integrally secured medially to the free end of said vertically extending end of said support member, furrowing



members of substantially V-shape having the inside edges thereof bent outwardly rigidly secured to said cross bar, and a seed channel-forming member having a pointed end secured to said cross bar medially of said furrowing members.

2,437,806
TRANSPORTING EQUIPMENT
George R. Dempster, Knoxville, Tenn.
Application November 30, 1944, Serial No. 565,837
23 Claims. (Cl. 214—65)

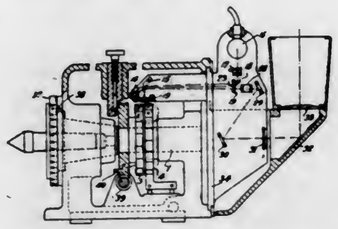


1. In a transporting equipment, in combination with a base provided with horizontal tracks, a carriage having rollers mounted for movement on said tracks said carriage provided with vertically disposed ways, means for moving said carriage along said tracks, a second carriage forming a part of said first carriage and movable on the ways of said first carriage at right angles to said base, means on said first carriage for moving said second carriage on said first carriage, and load carrying means mounted on said second carriage and movable therewith.

2,437,807
OPTICAL PROJECTION DIVIDING HEAD
John Hendri Dowell, London, Robert Siegmund Sternberg, Ilford, and Thomas Curson, Foleshill, Coventry, England, assignors to Alfred Herbert Limited, Coventry, England
Application December 19, 1944, Serial No. 568,874
In Great Britain November 8, 1943
4 Claims. (Cl. 88—24)

1. In a dividing machine, a light source; a collimating device positioned to receive light from said source and including an objective; means providing an index line in the focal plane of said objective; an arrangement of reflecting surfaces together constituting a first polygon; means mounting said polygon and said collimating device for relative rotation and with said polygon in the path of parallel light projected from said

collimating device; a second arrangement of reflecting surfaces constituting a vernier polygon; means mounting said vernier polygon in the path of parallel light projected from said collimating device, the means mounting said collimating device and said vernier polygon providing for relative rotation between said collimating device and said vernier polygon; a device for viewing an image at the focal plane of the objective, said first polygon and said vernier polygon being arranged so that parallel light projected from said collimating device is received angularly by surfaces of said polygons and so that light projected from said collimating device will be re-



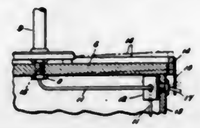
flected back into said objective to form, at the focal plane of the objective, an image of said index line formed by light reflected from one of the faces of said first polygon and an image of said index line formed by light reflected from one of the faces of the vernier polygon; and an indexing device for effecting relative rotation between said first polygon and said collimating device and between said two polygons to move the image of said index line formed by light reflected from said face of said first polygon across the field of said collimating device, and thus to define the angular position of said first polygon relative to said vernier polygon.

2,437,808
LOADING DEVICE
Henry Drettmann, Detroit, Mich.
Application September 15, 1945, Serial No. 616,528
2 Claims. (Cl. 214—140)



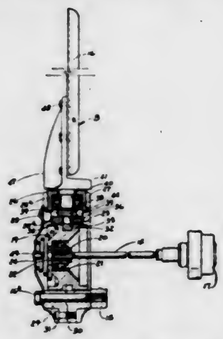
1. A power loader accessory device for tractors comprising a pair of standards adapted to be fixed to the rear axle of a tractor adjacent the wheels thereof, a pair of arms hinged to said standards near the lower end thereof and extending forward to in front of said tractor, a material handling element pivotally mounted at the forward ends of said arms, a pair of cylinders hinged to said standards above said arms and provided with pistons and piston rods connected to said arms at points spaced from the hinges thereof, latch means normally preventing the pivotal movement of said material handling element but releasable to permit such pivotal movement and thereby to dump contained material, means whereby fluid under pressure may be supplied to said cylinders to draw said rods into said cylinders to thereby lift said arms, and means for automatically restoring said material handling element to latched position when said arms are lowered.

2,437,809
SWITCH OPERATOR FOR LAMP TABLES
Henry C. Engelbrecht, Carthage, Mo.
Application November 26, 1945, Serial No. 630,916
2 Claims. (Cl. 200—85)



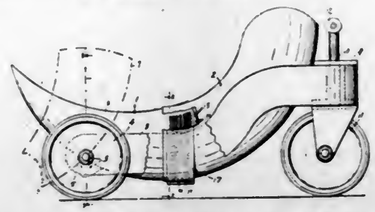
1. In a piece of furniture of the table type, having an elevated planar element constituting a support for an electric lamp, the combination of a switch for controlling the lamp circuit, mounted on the piece of furniture adjacent said planar element; a rim member disposed along the edge of said planar element and leaving the supporting surface thereof exposed, said rim member being mounted for vertical movement relative to the element; and operating connections between said rim member and switch, whereby the latter may be actuated through movements of the former.

2,437,810
VARIABLE PITCH FAN BLADE ASSEMBLY
Samuel C. Earley, Norman B. Earley, Elmore J. Sanders, Willard C. Skareen, Ray L. Davies, and Joseph A. Hughes, Toledo, Ohio, assignors, by mesne assignments, to Evans Products Company, Detroit, Mich., a corporation of Delaware
Application November 20, 1944, Serial No. 564,278
4 Claims. (Cl. 170—163)



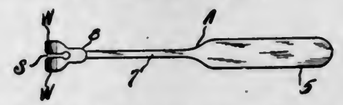
1. A variable pitch fan assembly comprising a pair of abutting hub sections having a central apertured portion, a plurality of fan blades mounted for rotary movement in said hub sections and including fan blade supporting stub shafts extending radially between said sections, bearing means for the respective stub shafts mounted between and supported by said hub sections, a disc fixed to the end portion of each of said stub shafts, a pin disposed parallel to and eccentric with said stub shaft, carried by the respective disc and projecting inwardly therefrom, a sleeve disposed in said apertured hub portion for axial movement, grooves in the peripheral portion of said sleeve arranged at right angles to the axis thereof and extending at right angles to said stub shafts, one groove being provided for each pin, a block fitting in each groove having a bearing socket for the adjacent pin, and means for axially moving said sleeve.

2,437,811
EMERGENCY TIRE CARRIER
Russel E. Folden, Oakland, Calif.
Application March 26, 1945, Serial No. 584,937
8 Claims. (Cl. 280—61)



1. A carrier for supporting a deflated rim-mounted pneumatic tire that is on a vehicle for movement over the ground with the weight of the vehicle off said tire comprising ground wheels and rim engaging means carried thereby for engaging the rim carrying such tire and for supporting said rim a sufficient distance above the ground to relieve the tire thereon of the weight of the vehicle, locking means for releasably securing said rim to said rim engaging means against accidental release of said rim therefrom, means supporting said locking means for movement into and out of locking relation with said rim, means automatically actuated by relative movement of the tire and carrier to the position in which said rim engaging means so supports said rim for moving said locking means into said locking relation.

2,437,812
FRENUM GUIDE
John A. Freel, Bay City, Mich.
Application October 9, 1944, Serial No. 557,841
5 Claims. (Cl. 128—15)



1. A surgical instrument comprising a handle terminating in a flat, relatively wide section, the end portion being turned to overhang said end section and extend upwardly at an angle therefrom, and a slit provided in said section and turned portion and open to the end of the instrument.

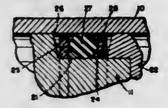
2,437,813
CONTROL FOR MACHINE TOOLS
Harry McMurtry Griffin, Webster Groves, Mo., assignor to Curtiss-Wright Corporation, a corporation of Delaware
Application October 26, 1943, Serial No. 507,768
7 Claims. (Cl. 153—21)

5. In a dimpling machine having support means for a pair of cooperating working members, actuating means for opening and closing said support means respectively to permit introduction of a perforate work piece between the members and to cause the work piece to be deformed between the working faces of the members, said support means comprising a guide slidably supporting one member for extension from seated position thereon in a direction toward the other member and for return from extended position to the seated position, a pilot element carried by said guide and extending through the working face of said member for register with a perforation in the work piece, means for resiliently holding said member in said extended position, and means responsive to seating of said



member for operating said actuating means to close the support means.

2,437,814
SEALING MEANS
Robert O. Hallen, Los Angeles, Calif., assignor to Lockheed Aircraft Corporation, Burbank, Calif.
Application May 25, 1944, Serial No. 537,281
7 Claims. (Cl. 286—26)



1. Means for sealing between two members arranged one within the other, there being an annular space between the members defined by an end wall and a bottom wall as portions of one of said members, said means comprising a sealing ring of flexible resilient material engaged in said space to seal with said members, and an axially-compressible, radially-expansible, yieldable backing ring of pliant material arranged in said space between the sealing ring and said end wall, said backing ring being substantially in contact with the bottom wall of said annular space and the adjacent wall of the other of said members and being adapted to be compressed axially by the sealing ring, when the same is forced axially against it by fluid pressure, and thereby to be expanded radially inwardly and outwardly to contact both of said members to prevent the extrusion of the material of the sealing ring between the surfaces of the members beyond said end wall.

2,437,815
PROCESS OF MAGNESIUM PRODUCTION
Fritz J. Hansgirg, Black Mountain, N. C., assignor to The Permanente Metals Corporation, Oakland, Calif., a corporation of Delaware
Application January 19, 1946, Serial No. 642,384
10 Claims. (Cl. 75—67)

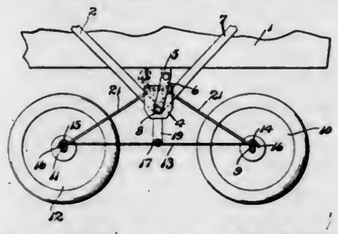
1. In the production of metallic magnesium comprising the reduction of magnesium oxide by carbon, wherein a mixture of magnesium vapor and carbon monoxide is produced and the magnesium vapor is cooled to condense solid magnesium powder, the step which comprises introducing relatively cool dry natural gas into the mixture of magnesium vapor and carbon monoxide

gas emerging from the reduction zone and instantaneously shock-chilling the magnesium and carbon monoxide to a point where they are stable in the presence of each other and thereby simul-



taneously preventing the magnesium from reacting with the natural gas to form magnesium carbides and avoiding the formation of objectionable amounts of magnesium oxide by back-reaction of magnesium and carbon monoxide.

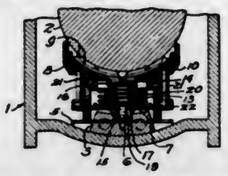
2,437,816
STEERABLE VEHICLE RUNNING GEAR
Edsko Hekman and Louis H. Hekman, Grand Rapids, Mich., assignors to Henri W. Jonkhoff, New York, N. Y.
Application July 24, 1944, Serial No. 546,233
20 Claims. (Cl. 280—48)



18. In a vehicle, a body, and a wheeled carriage for supporting said body, comprising a body supporting member, a flexible quadrangle consisting of front and rear parallel cross wheel axle members and longitudinal side members pivotally connecting the front and rear axle members and pivoted intermediate their ends to the body supporting member, whereby the quadrangle can be transformed when the pivot points of the longitudinal members are moved ahead of the other longitudinal member, and arched longitudinal braces intermediately pivoted to the body supporting member and at their ends to the front and rear axle members.

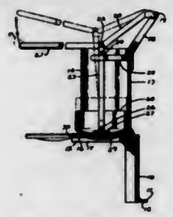
2,437,817
RAILWAY JOURNAL LUBRICATOR
James J. Hennessy, Montclair, N. J.
Application March 11, 1944, Serial No. 526,003
9 Claims. (Cl. 308—84)

1. In a journal lubricator of the class described including a pump and a distributor above the same for application to the journal to be lubricated, and a conduit comprising a bellows leading in a substantially straight line from the pump to the distributor and constructed to automatical-



ly shorten and lengthen along said line to accommodate variations in the distance between the pump and distributor.

2,437,818
MACHINE FOR CUTTING POTATOES, INCLUDING A STATIONARY CUTTER AND RECIPROCATING PLUNGER
Walter A. Hetzler, Decatur, Ill.
Application December 13, 1945, Serial No. 634,677
2 Claims. (Cl. 146—169)

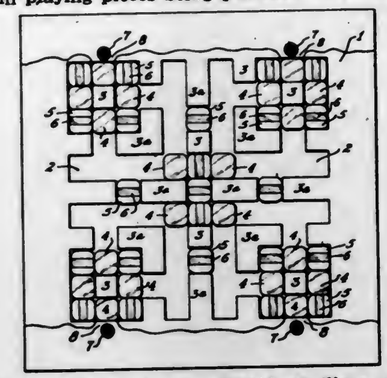


1. A device of the class described, comprising a base having a cylindrical vertically extending body portion open at its upper end and its front, a horizontally extending substantially U-shaped support open at its front end and of closed circular formation at its rear end and formed to provide a recess, a circular plunger mounted for reciprocal movement within said cylindrical body portion, a removable cutting instrument in said recess having a centrally disposed opening therein and a plurality of cutting wires secured across said opening in intersecting relation to one another to form a cutting screen with relatively large meshes, said wires secured at their intersections, said intersecting wires being of dished formation and the lower end of said plunger being convex to fit within said wires, and means including a vertical shaft attached to said plunger and a horizontal lever pivoted at one end to said body portion and having a handle portion at its other, and pivotally secured intermediate its ends to the upper end of said shaft.

2,437,819
GAME APPARATUS
Marion F. Heuser, Cincinnati, Ohio
Application October 15, 1945, Serial No. 622,351
2 Claims. (Cl. 273—131)

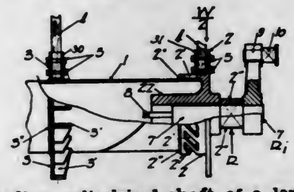
1. A playing board having recessed areas thereon arranged in a definite pattern, the recessed areas having lateral dimensions suitable for receiving main playing pieces of such size and shape as to fit within the recessed areas and be restrained to limited movement therein, said main playing pieces having flat upper surfaces, and auxiliary playing pieces adapted for movement on the flat upper surfaces of the main playing pieces, some of said main playing pieces having no indicia thereon to indicate movement of

said auxiliary playing pieces and other of said main playing pieces being provided with indicia



for blocking movement of said auxiliary playing pieces.

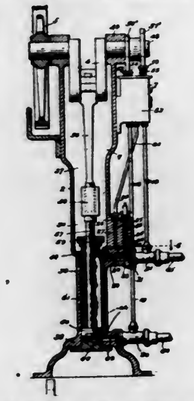
2,437,820
ROTARY SHAFT CONSTRUCTION
Edwin B. Hudson, Middletown, Ohio
Application March 18, 1944, Serial No. 527,103
7 Claims. (Cl. 74—596)



1. A hollow cylindrical shaft of a length several times its diameter, bearing and driving means for said shaft at the opposite ends thereof, and means for preventing mechanical failure of said shaft at said ends comprising a substantially rigid end member mounted on each end thereof having a collar extending interiorly of the shaft and a hollow journal extending exteriorly thereof, and a torque shaft passing through said journal with a snug fit and extending into said collar and rigidly connected to said member at said collar.

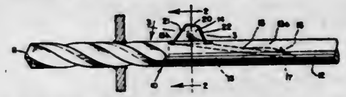
2,437,821
HYDRAULIC PULSATOR SYSTEM AND MAKE-UP MEANS THEREFOR
Leigh E. Hughes, Indianapolis, Ind.
Original application January 29, 1940, Serial No. 316,128, now Patent No. 2,312,337, dated March 2, 1943. Divided and this application February 25, 1943, Serial No. 477,004
6 Claims. (Cl. 60—54.5)

1. In a hydraulically operable system having a working unit including a pressure operable piston and a cylinder therefor, said pressure operable piston being of floating type and a power supplying pressure unit including a cylinder and a piston therein, both pistons being double acting, a power operable rod for actuating the last mentioned piston, a power transmitting rod connected to the first piston, means for maintaining the synchronous movement of said pistons, a conduit connecting the rod end of the second cylinder to the rod end of the first cylinder, and another conduit independent of the first conduit and connecting the opposite rodless end of the second cylinder to the opposite rodless end of the first cylinder, each rod being slidably supported by the first mentioned rod ends of the cylinders, and for balanced operation of the system, the combination of a pressure liquid make-up supply conduit for each of the conduits near one end thereof, said make-up conduits having no direct communication with each other, a single make-up reservoir, dual pump means connected to the reservoir and to each of the make-up conduits, an interdependent adjustable pressure re-



lief valve to maintain the proper relationship of pressure to load on the rod end of both cylinders, and an interdependent adjustable pressure relief valve to maintain the proper relationship of pressure to load on the rodless end of said cylinders, said dual pump means combined with both relief valves and including their mutual interdependence comprising the means for maintaining the floating piston in synchronous movement with the piston of the power supplying unit.

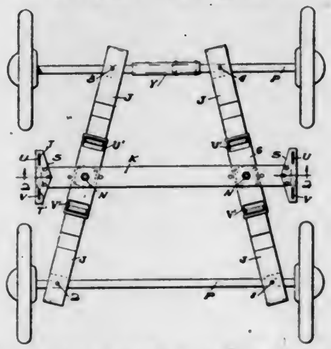
2,437,822
COMBINED DRILL AND DEBURRING TOOL
Dedger Jones, Columbus, Ohio, assignor to Curtiss-Wright Corporation, a corporation of Delaware
Application October 30, 1944, Serial No. 560,938
5 Claims. (Cl. 77—66)



1. A tool for removing burrs from the face and reverse margins of a drilled bore comprising a body having a slot formed therein, a burr removing blade element positioned in said slot, and means for supporting and biasing said blade element including an arm member secured at one end in said slot and carrying said blade at its opposite end for swinging movement from a position projecting from the slot for effective contact with the bore margins to a retracted position within the slot to permit passage of the blade through the bore, said means biasing the blade element to said projecting position, said blade element having opposed and oppositely inclined cutting edges, one cutting edge being effective upon advancement of the tool into the bore to remove burrs on the face margin while simultaneously forcing said blade to swing to retracted position for allowing the blade to pass

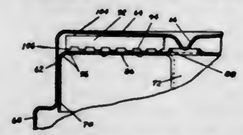
through the bore, and the opposed cutting edge being effective upon withdrawal of the tool from the bore to remove burrs on the reverse margin while simultaneously forcing said blade to swing to retracted position for allowing return passage of the blade through the bore.

2,437,823
WHEELED CARRIAGE FOR VEHICLES
Henri W. Jonkhoff, New York, N. Y.
Application August 23, 1944, Serial No. 550,785
21 Claims. (Cl. 280—48)



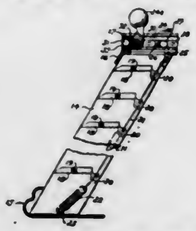
2. In a vehicle, a body, and a wheeled carriage for supporting said body, comprising a body supporting member and a flexible quadrangle consisting of two parallel cross wheels axles, side members pivotally connecting the front and rear axles and disposed in angular position relative to each other and constituting the side members of the quadrangle and pivotally connected at their centers to the body supporting member, whereby the quadrangle can be transformed when the pivot points of one of the members are moved ahead of the pivot points of the other member.

2,437,824
METHOD OF ASSEMBLING PISTONS
Floyd F. Kishline, Kenosha, Wis., assignor to Nash-Kelvinator Corporation, Kenosha, Wis., a corporation of Maryland
Original application June 19, 1942, Serial No. 447,636. Divided and this application August 26, 1944, Serial No. 551,357
7 Claims. (Cl. 29—156.5)



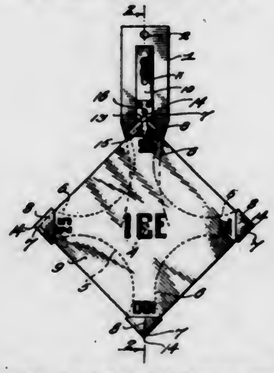
1. A method of assembling pistons for an internal combustion engine which comprises providing a stamped outer member having a head forming element, providing a stamped inner member having an inner head reinforcing element, deforming the head forming element of said outer member downwardly, deforming the head reinforcing element of said inner member upwardly, placing a rosette of ribbon metal within said outer member and against the underside of the head forming element, placing said inner member within said outer member, pressing said inner and outer members and the interposed rosette together with sufficient force to return to normal the deformed portions of said head forming and reinforcing elements, and, while the parts are so held, subjecting the so-assembled piston to a hydrogen brazing operation.

2,437,825
LAMP SHADE
Max Kohn, Brooklyn, N. Y.
Application April 19, 1946, Serial No. 663,548
6 Claims. (Cl. 240—108)



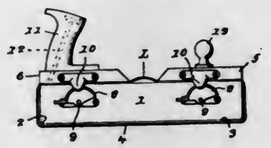
1. In a lamp shade of the class described, a body including a plurality of panels each formed by a set of spaced angularly adjustable vanes, means operatively connecting the vanes in each set in substantial parallelism, biasing means yieldingly urging the vanes of each set toward one extreme position, a manually operable control member comprising a rotatable ring member, adjustable connections operatively connecting said control member with the vanes of each panel and providing therewith common control for the adjustment thereof, and detent means for releasably securing said rotatable ring control member in any one of a plurality of vane adjusting positions in opposition to said biasing means, the adjustable connection between said control member and each set of operatively connected vanes providing for individual adjustment of the vanes of each panel independent of adjustment of said control member, said control member being disposed adjacent the upper end of the body formed by said panels and substantially coaxial with the body formed by said panels.

2,437,826
ROTATABLE HOLDER FOR ICE CARDS
Alvin M. La Brant, San Diego, Calif.
Application January 14, 1946, Serial No. 641,026
6 Claims. (Cl. 40—70)



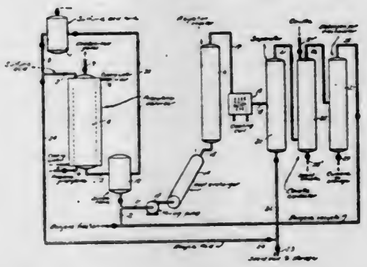
1. A holder for ice cards comprising, in combination, a base, a pivot on said base, a support rotatable on said pivot, a plurality of arms on said support, means for removably securing said card to said arms, an indicator pointing to a number inscribed on said card, and slidable means on said base for releasably engaging said arms.

2,437,827
HAND OPERATED ABRADING AND POLISHING TOOL
Werner John Lund, Staples, Minn.
Application April 16, 1946, Serial No. 662,520
1 Claim. (Cl. 51—187)



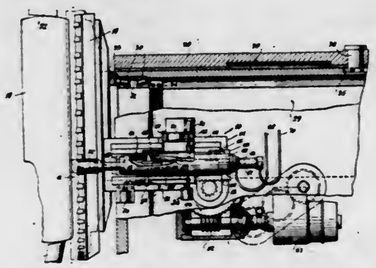
In a manually actuated sander, an elongated rectangular-shaped brick-like block, a felt pad covering the lower surface of the block, an endless band having an abrasive outer surface longitudinally positioned around said block, a vertically disposed plane handle positioned on the rear end of said block, a clamp block on which said handle is mounted, a gripping knob positioned on the forward end of said block, a clamp block complementary to the former clamp block positioned on the forward end of the block on which the knob is mounted, hinges hinging the said clamp blocks to the block at one side, projections extending downwardly from the opposite sides of the said clamp blocks, and latches with arcuate cam surfaces clamping the clamp blocks against the abrasive band on the block, the inner edges of said clamp blocks spaced apart providing a gap to receive slack in the abrasive band.

2,437,828
ALKYLATION OF AROMATIC HYDROCARBONS WITH SULFURIC ACID CATALYST AVOIDING SULFONATION OF PRODUCT
Daniel J. Lyons, Martinez, Arthur Lazar, Berkeley, and Lloyd L. Ingraham, Los Angeles, Calif., assignors to Tide Water Associated Oil Company, San Francisco, Calif., a corporation of Delaware
Application February 14, 1944, Serial No. 522,304
3 Claims. (Cl. 260—671)



1. The method of alkylating benzene hydrocarbons with olefines in which the presence of water is utilized to dilute sulphuric acid present during the reaction below sulphonating strength, which comprises reacting an olefin with sulphuric acid of a concentration between 65% and 90% and in quantity not greater than two mols of acid per mol of olefin, contacting the reacted mixture with an excess of benzene hydrocarbon, while maintaining the temperature between about 60° F. and about 150° F., water at all times being present in sufficient quantity to dilute all sulphuric acid present during and formed by the reaction below 90% strength to avoid sulphonation, separating the contacted mixture into an oil layer and an acid layer, removing the acid layer, neutralizing the acidity of the oil layer, and fractionally distilling the neutral oil layer to separate alkylated hydrocarbons from unreacted hydrocarbons.

2,437,829
SCALPING MACHINE CONTROL APPARATUS
Elliott W. Mason, Spokane, Wash., assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
Application July 25, 1944, Serial No. 546,538
9 Claims. (Cl. 90—16)

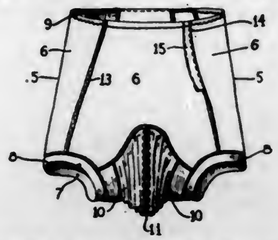


1. In a machine tool of the type described, a rotary cutter, a feeler associated therewith, power means for moving said cutter and said feeler in unison toward a work piece disposed forwardly thereof but outside the circle described by said cutter, said feeler being adapted to engage the outer face of said work piece whereby its forward motion is terminated while said cutter continues to advance relative to said feeler into a cutting position behind the plane of the outer face of said work piece, control means operable responsively to said relative movement between said cutter and said feeler for stopping said power means with said cutter in a feeler determined position with respect to said outer face of said work piece, control means responsive solely to cutter advance for stopping said power means with said cutter in a fixed distance relation with respect to the inner face of said work piece, and means for rendering each of said control means operable alternately in the order named in a first cut and a second cut sequence on opposite faces of said work piece respectively.

2,437,830
COMBINATION GIRDLE AND PANTIE
Alma S. McAllister, Morris, Minn.
Application December 28, 1944, Serial No. 570,159
2 Claims. (Cl. 2—43)

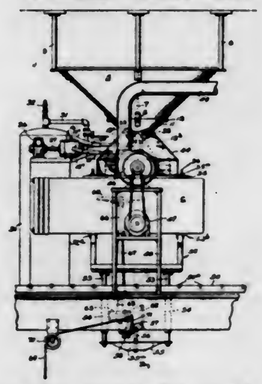
1. A nether garment as a combination girdle and panties comprising a front panel, a rear panel and side panels joined together along adjacent edges to form a form-fitting trunk-embracing portion, a pair of elastic bands each joined along a portion of its circumference to the lower edge of a side panel and adapted to encircle a leg of the wearer near the crotch and an exten-

sible crotch panel joined to the lower edges of the front and rear panels and to portions of the



elastic bands remote from the junctions of the elastic bands and the side panels.

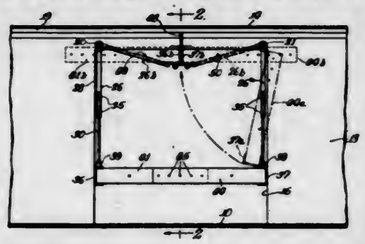
2,437,831
APPARATUS FOR APPLYING INSULATION
John C. Moore, Connersville, Ind., assignor to Rex Manufacturing Company, Inc., Connersville, Ind., a corporation of Indiana
Application May 9, 1940, Serial No. 334,296
8 Claims. (Cl. 20—101)



8. In a machine for transferring loose insulation material to a space to be insulated, a hopper, a series of conduits arranged to direct material from said hopper to said space, said conduits having their discharge ends arranged to deliver material into said space at different points over the latter, a master plate overlying said space and substantially closing off the latter around said conduits, an adapter mounting said master plate to accommodate said plate to different sizes and shapes of articles to be insulated, a source of air under pressure, means for conducting air from said source and applying it to the material in said conduits towards the discharge end of the latter and means for periodically interrupting the flow of air into said conduits to thereby cause the material to be discharged from said conduits in batches distributed over the space.

2,437,832
LADING BRACE FOR FREIGHT CARS
John P. Murphy, Jr., Chicago, Ill.
Application September 27, 1944, Serial No. 555,918
3 Claims. (Cl. 105—369)

1. A lading brace for use in freight cars having a floor, sides and door openings in the sides, and comprising, in combination, a pair of beams extending practically across the car in separated and substantially parallel relation near the door openings, a pair of arms secured at their ends to each of the beams, each pair of arms being spaced apart and projecting from one beam toward the other longitudinally of the car, means for adjustably connecting the arms of one pair to the arms of the other in a manner such that said beams and said arms form a substantially rigid frame of adjustable longitudinal extent when in operative bracing position, pairs of hangers, means for pivotally connecting an end of each of the hangers of each pair to one of the beams, means fixed in position for rotatably supporting the other ends of the hangers near the top of the car, and means for adjusting the lengths of said hangers for determining the distance of the frame from the floor of the car, said arms, when disconnected, being swingable to positions of substantial parallelism adjacent the hangers, means for holding said arms adjacent the hangers, said hangers, together with the arms, being swingable to an out-of-the-way position near the top of the car, and hook means secured to the top of the car and releasably engageable with said beams for holding the hangers and arms in said out-of-the-way position.



2,437,833
N-BENZYL-N-MYRISTYL MORPHOLINIUM HALIDES
Joseph B. Niederl, Brooklyn, and Victor Niederl, Round Top, N. Y., and Martin E. McGreal, Somersworth, N. H.
No Drawing. Application June 29, 1946, Serial No. 680,522
4 Claims. (Cl. 260—247)

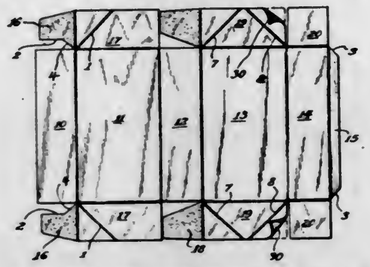
1. A new class of compounds N-myristyl-N-benzyl morpholinium halides.

2,437,834
CUTICLE STICK AND NAIL CLEANER
Bernard Barton Peritz, New York, N. Y.
Application April 2, 1946, Serial No. 658,957
1 Claim. (Cl. 132—75.3)



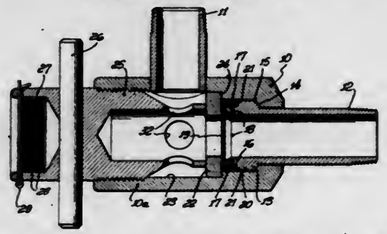
A cuticle stick and nail cleaner having a long curved surface extending from one side to the other side at one end, said end also having flat converging faces at each side of said curved surface to impart a tapered shape to said end, said curved surface having a longitudinal groove therein between said flat faces, the sides of the groove intersecting said faces adjacent said end to form scraping edges for cleaning beneath the nails, said groove providing a space in which foreign particles under the nails are lodged during the cleaning operation.

2,437,835
COLLAPSIBLE CARTON
Harold Riege and Edwin C. Siewert, Wausau, Wis., assignors to Marathon Corporation, Rothschild, Wis., a corporation of Wisconsin
Application September 9, 1944, Serial No. 553,414
1 Claim. (Cl. 229—33)



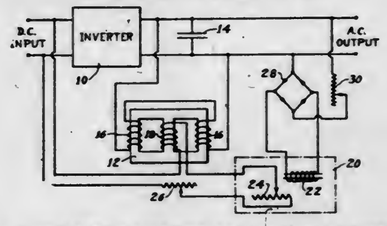
An improved one-piece paper board blank designed for automatic high speed machine assembly into a collapsible carton comprising a folding tray forming part having a bottom wall panel, a front wall panel, a rear wall panel, and two opposite side wall panels of substantially equal height hinged to said bottom wall panel, a score line extending from each corner of said bottom wall panel diagonally across the adjacent side wall panel, said diagonally extending score lines defining a front triangular section and a rear triangular section in each of said tray side wall panels, a connecting flap hinged to each end of said front wall panel and separated from the front edge of the adjacent side wall panel and designed for adhesive attachment to the inside face of the adjacent front triangular section of the tray side wall panel, a connecting flap extending from the rear edge of each of said tray side wall panels and separated from said rear wall panel and designed for adhesive attachment to the adjacent inside face of said rear wall panel, an abutment flap hinged to the upper edge of said tray front wall panel, said diagonally extending score lines permitting folding first of said tray side wall panels into a position substantially parallel to and overlying said bottom wall panel and then folding said front and rear tray wall panels to overlie said tray side wall panels when the assembled carton is in collapsed position, said blank including a folding cover-forming part comprising a top cover panel hinged to the upper edge of said rear wall panel and having an area substantially equal to said bottom wall panel of the tray part, a front cover panel hinged to the front edge of said top cover panel and having an area substantially equal to said tray front wall panel, a pair of opposite side cover panels hinged to the opposite side edges of said top cover panel each substantially equal in area to the side wall panel of said tray part, a score line extending from each front corner of said top cover panel diagonally across the adjacent side cover panel defining a front triangular section in each of said side cover panels, a connecting tab extending from the front end of each of said side cover panels but separated from the adjacent side edge of said front cover panel and designed to be adhesively secured to the inside face of the adjacent front cover panel, said diagonally extending score lines in said side cover panels permitting folding first of said side cover panels to overlie said top cover panel and then folding of said front cover panel to overlie said side cover panels when the assembled cover part is in collapsed position, said tabs having an abutment edge associated therewith adapted to cooperate with the abutment flap associated with the tray front wall panel to releasably retain the cover part in closed position when the carton is assembled and erected.

2,437,836
SAFETY PRESSURE RELEASE
James J. Santiago, Los Angeles, Calif., assignor to Grant Oil Tool Company, Los Angeles, Calif., a corporation of California
Application April 7, 1945, Serial No. 587,099
5 Claims. (Cl. 220—89)



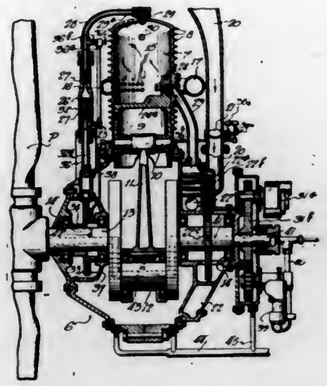
1. A safety device of the character described, comprising a body having an inlet and an outlet, a fluid pressure rupturable disc contained within a bore in the body and normally sealing said inlet from the outlet, a seat engaged by the low pressure side of the disc, means forming an annular wall spaced from the wall of said bore and forming an annular recess, a rubber ring contained within said recess and having its inner surface engaged and confined by said annular wall, said rubber ring engaging and forming a fluid tight seal against the high pressure side of the disc, and means forming a passage for communicating fluid pressure through said annular wall to said inner surface of the ring.

2,437,837
VOLTAGE REGULATOR
Simon Saretzky, Brookline, Mass., assignor to First Industrial Corporation, Boston, Mass., a corporation of Delaware
Application October 28, 1944, Serial No. 560,797
3 Claims. (Cl. 171—242)



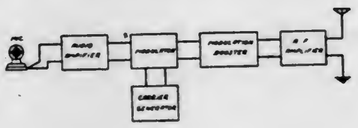
1. A voltage regulating system for an inverter having a direct current input and an alternating current output, said system comprising a compensating load having parallel-connected capacitance and inductance, said inductance being variable to vary the reactance of the compensating load and comprising a direct current saturating winding reactor, an energizing circuit for energizing the saturating winding with direct current from the input side of the inverter, and means under the control of the energizing circuit and responsive to small changes in inverter output voltage for varying the energization of the saturating winding to vary the inductance of the reactor.

2,437,838
FUEL PUMP FOR INTERNAL-COMBUSTION ENGINES
Garlin E. Seals, San Antonio, Tex.
Application December 24, 1942, Serial No. 470,047
6 Claims. (Cl. 103—37)



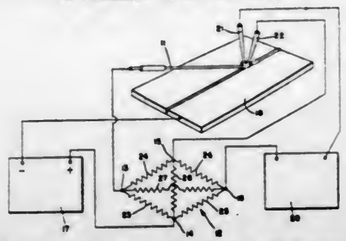
1. A fuel pump including a body having a valve controlled restriction intermediate its ends, a plunger reciprocably arranged in said body below said restriction having a valve controlled axial fuel passage, a fuel supply line in communication with said body below said plunger, an actuating rod on said plunger, a cam adapted to axially move said rod, an oscillatable, multi-toothed cam in juxtapositioned relation to said first cam, and manually actuated means for oscillating said multi-toothed cam to vary the degree of displacement of said plunger rod effected by said cam.

2,437,839
MODULATION BOOSTER
Frank H. Slaymaker, Rochester, N. Y., assignor to Stromberg-Carlson Company, Rochester, N. Y., a corporation of New York
Application April 3, 1946, Serial No. 659,229
5 Claims. (Cl. 179—171.5)



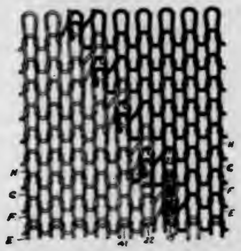
1. Means for producing a high degree of modulation of a source of carrier waves, a plurality of amplifiers of the space current type connected in tandem, means associated with said amplifiers and normally effective to prevent the flow of space current therethrough, an output circuit for the first amplifier in tandem tuned to the frequency of said source, means for coupling said source to said first amplifier, an output circuit for the last amplifier in tandem tuned to a harmonic of the frequency of said source, and means for appreciably increasing the percentage of modulation between said source of carrier waves and said harmonic of said source.

2,437,840
METHOD OF MULTIARC WELDING
Colby Weston Steward, Kenmore, and Malcolm R. Rivenburgh, Williamsville, N. Y., assignors, by mesne assignments, to Cornell Research Foundation, Inc., a corporation of New York
Application March 9, 1944, Serial No. 525,740
8 Claims. (Cl. 219—10)



1. A method of arc welding, comprising preheating an electrically conductive work piece and a metallic welding rod by means of a first electric arc placed adjacent to said work piece and said welding rod until fusion has commenced, thereafter striking a second electric arc between the welding rod and the work piece in the atmosphere of said first arc, and cooperatively moving said arcs along said work piece whereby to accomplish welding of said work piece, said first electric arc being actuated by a source of alternating current and said second electric arc being actuated by a source of direct current.

2,437,841
SUTURE
Eugene St. Pierre, Pawtucket, R. I., assignor to Hemphill Company, a corporation of Massachusetts
Original application December 8, 1945, Serial No. 633,629. Divided and this application May 24, 1947, Serial No. 750,294
1 Claim. (Cl. 66—179)

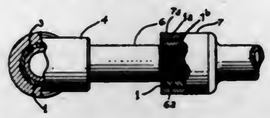


In a split foot stocking, a suture structure joining a widened portion of the sole and the corresponding portion of the instep composed of sole and instep yarns, said structure being made up of suture units each in a different wale and each comprising, in one wale, two consecutive loops of one of said yarns followed by two consecutive loops of the other of said yarns, each suture unit of four loops being in correspondence with two consecutive courses of the instep and sole.

2,437,842
MORTAR AND CEMENT COMPOSITIONS
Frank G. Uhler, Alexandria, Va.
No Drawing. Application March 25, 1946, Serial No. 657,062
9 Claims. (Cl. 106—90)

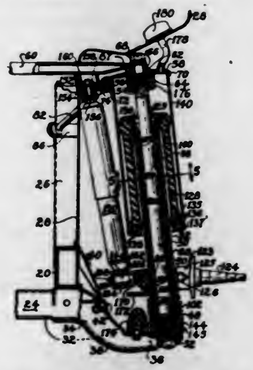
9. The process of increasing the hardness and decreasing the time required for the initial and final "set" of cements and mortars which comprises incorporating water and a water soluble alkanol amine with a mortar material selected from the class consisting of Portland cement and lime, said water soluble alkanol amine being present in an amount not less than 5.3% based on the weight of the mortar material and not more than 42.8% based on the weight of lime and not more than 35.7% based on the weight of Portland cement.

2,437,843
RESILIENT BUSHING
Henry E. Van Ness, Elmira, N. Y.
Application June 6, 1945, Serial No. 597,741
2 Claims. (Cl. 285—160)



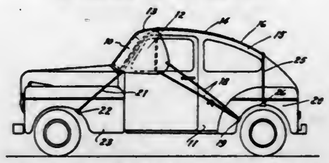
1. In a joint between telescopic pipe or rod ends having internal and external screw threads respectively, means for sealingly connecting the ends together comprising a resilient bushing of rubber-like material having external and internal threads on its outer and inner walls respectively engaging those of the pipe or rod ends respectively.

2,437,844
WHEEL SUSPENSION
Nils Erik Wahlberg, Chicago, Ill., and Gustav V. Hedstrom, Kenosha, Wis., assignors to Nash-Kelvinator Corporation, Kenosha, Wis., a corporation of Maryland
Application January 22, 1942, Serial No. 427,706
14 Claims. (Cl. 280—96.2)



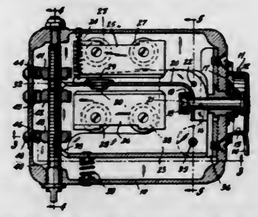
1. Wheel suspension structure for an automobile comprising a generally vertical king pin secured to said automobile, a sleeve positioned telescopically about said king pin and movable longitudinally and rotatably with respect thereto, wheel supporting structure carried by said sleeve, a rigid cylindrical member fixed relative to said automobile and having one end positioned about said king pin and intermediate of the ends thereof, a tubular spring formed of deformable material, rings of rigid material bonded to the ends of said spring and having rim portions extending out of said deformable material, and a bearing positioned on top of said sleeve, the rim portion of the ring at the top of said sleeve being engageable with said bearing, the rim portion of the ring at the bottom of said sleeve being engageable with the end of said rigid cylindrical member.

2,437,845
WINDSHIELD COVER
Ralph S. Wyeth, Newark, Ohio
Application April 7, 1945, Serial No. 587,145
5 Claims. (Cl. 296—84)



1. A windshield protector comprising a flexible cover sheet of the size adapted to extend completely over the outer surfaces of a motor vehicle windshield and at least partially the side windows of a motor vehicle, fastening cables extending rearwardly from the sides of said cover sheet, and fastening means carried by the ends of said cables for detachably connecting the same with the rear wheel fenders of an associated vehicle.

2,437,846
FOLLOW-UP CONTROL
John O. Yeida, Herculaneum, Mo., assignor, by mesne assignments, to Missouri Automatic Control Corporation, a corporation of Missouri
Application October 25, 1943, Serial No. 507,556
15 Claims. (Cl. 318—32)

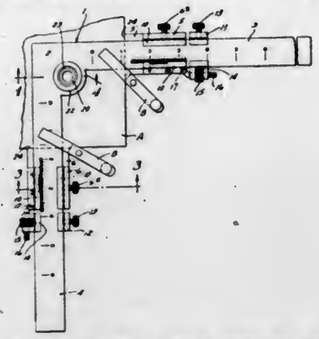


1. In a control, a power means, a motive means operable to effect operation of the power means, and mechanism to control operation of the power means in response to movements of the motive means, comprising a control device adapted to be displaced from an initial position in one direction to effect operation of the power means, and in the other direction to stop operation thereof, a member interposed between the motive means and the control device to apply movement of the former to the latter, a driven element operated upon operation of the power means, and engaging means operated by the driven element displaced in accordance to the amount of movement thereof, and adapted to engage the interposed member to displace the same to maintain the control device in its initial position after predetermined movement of the power means, regardless of the position of the motive means.

2,437,847
PRECISION LOCATING TOOL
Alfred A. Zeise, Minneapolis, Minn.
Application May 2, 1946, Serial No. 666,649
2 Claims. (Cl. 33—189)

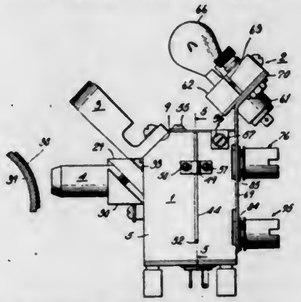
2. In a device of the class described, a frame comprising a body portion and a pair of arms

projecting therefrom at right angles to one another and in the same plane, linear scale indicia on said arms, work piece engaging blocks longitudinally slidably mounted on said arms, scale indicia on said slide blocks cooperating with the



scale indicia on said arms, means for locking said slide blocks on said arms, and a drill-receiving opening in said central body portion having its axis coincidental to the point of intersection of the work-engaging faces of said slide blocks.

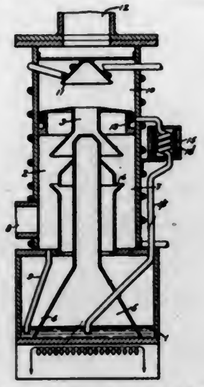
2,437,848
SUPPORT FOR ELECTROOPTICAL APPARATUS
Austin G. Cooley, New York, N. Y., assignor to Times Facsimile Corporation, a corporation of New York
Application December 30, 1944, Serial No. 570,602
3 Claims. (Cl. 248—295)



1. An electro-optical unit comprising a lens system, a lamp, means to support said lamp in optical alignment with said lens system, a pair of eccentric pivots for said lamp support means, said pivots being rotatable independently of each other and thereby to adjust said lamp support means in mutually perpendicular and coplanar directions.

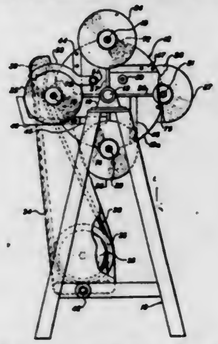
2,437,849
PUMP
Joseph H. Cox, Pittsburgh, August P. Colaiaco, Wilkinsburg, and Herbert A. Rose, Pittsburgh, Pa., assignors, by mesne assignments, to the United States of America, as represented by the United States Atomic Energy Commission
Application November 8, 1944, Serial No. 562,518
7 Claims. (Cl. 230—101)

1. A multistage diffusion pump comprising a boiler compartment for each pump stage, a condensing chamber for each pump stage, a separate condensate return from each condensing chamber to the respective boiler chamber and heating



means associated with one of said condensate returns.

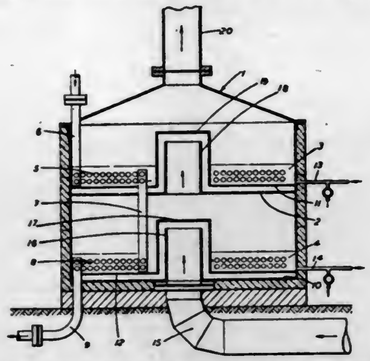
2,437,850
GRINDING APPARATUS
William O. Dennis, San Dimas, Calif.
Application June 13, 1947, Serial No. 754,339
16 Claims. (Cl. 51—166)



1. A grinder comprising a reel rotatably mounted on a supporting stand, a plurality of shafts rotatably mounted to the reel, grinding elements mounted on the respective shafts, and drive means adapted to cause rotation of individual ones of the shafts as the reel is rotated to engage the shafts with the drive means.

2,437,851
COOLING OF FLUIDS
Robert Cowell Godfrey, London, England, assignor to The British Oxygen Company Limited, London, England, a British company
Application November 18, 1944, Serial No. 564,075
In Great Britain January 21, 1944
6 Claims. (Cl. 62—168)

4. Apparatus for cooling a fluid by heat interchange with a gaseous coolant, comprising a plurality of containers each adapted to contain a mass of liquid, a tubular element in each said container located below liquid level, said tubular elements being serially inter-connected for conveying the fluid through the apparatus and an inlet to each said container for a gaseous coolant arranged below the tubular element, the arrangement being such that the gaseous coolant traverses the liquid in each container in succession, the direction of flow of the gaseous



coolant with respect to the successive masses of liquid being in a direction counter to that of the fluid with respect to the successive masses of liquid.

2,437,852
PROCESS FOR SEPARATING DIACETONE AND MONOACETONE SORBOSE
William R. Graff, Plainfield, and William S. Harmon, Elizabeth, N. J., assignors to Merck & Co., Inc., Rahway, N. J., a corporation of New Jersey
No Drawing. Application September 30, 1944, Serial No. 556,676
13 Claims. (Cl. 260—338)

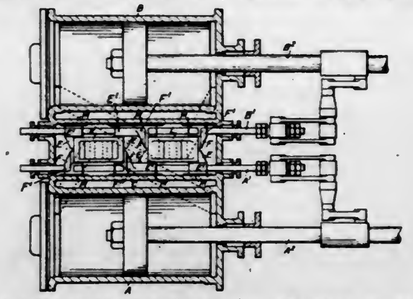
1. The process that comprises continuously distilling a neutral to mildly alkaline solution composed predominantly of acetone, monoacetone sorbose, diacetone sorbose and water to remove volatile fractions composed of acetone and acetone polymers, and at the same time continuously withdrawing as bottoms an aqueous mixture containing monoacetone sorbose and diacetone sorbose essentially free of volatile components.

2,437,853
PREPARATION OF DIHYDROXANTHOPTERIN AND XANTHOPTERIN
George H. Hitchings, Tuckahoe, N. Y., assignor to Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y., a corporation of New York
No Drawing. Application December 1, 1943, Serial No. 512,479
3 Claims. (Cl. 260—251)

1. The process of preparing dihydroxanthopterin comprising the steps of heating 5-chloroacetamino - 2,4 - diamino - 6 - hydroxypyrimidine with excess sodium bicarbonate, and recovering dihydroxanthopterin.

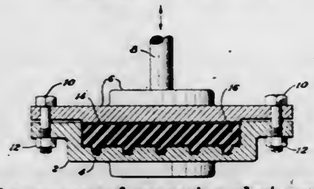
2,437,854
SLIDE VALVE ASSEMBLY FOR THE FLUID PRESSURE POWER CYLINDERS OF DUPLEX RECIPROCATORS
George Kirkpatrick Johnstone, Glasgow, Scotland, assignor to J. H. Carruthers & Company Limited, Glasgow, Scotland, a corporation of Great Britain
Application June 5, 1945, Serial No. 597,706
In Great Britain November 17, 1943
2 Claims. (Cl. 121—114)

1. A slide valve assembly for the fluid pressure power cylinders of a duplex reciprocator, including a valve chest, two main slide valves and two cut-off valves operating on the backs of said main valves within said valve chest, two valve-actuating reciprocatory spindles, lugs attached to said spindles, the lugs on each spindle engaging one



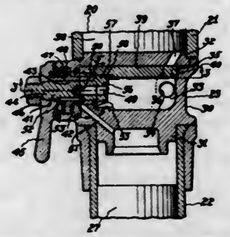
main slide valve and one cut-off valve so as to impart reciprocating movements to said valves, and guide-forming members carried by said spindles and engaging guide surfaces within said valve chest.

2,437,855
VENEERING ELASTOMERS
Elden Earl Leach, Jr., Norristown, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application October 20, 1942, Serial No. 462,755
12 Claims. (Cl. 18—59)



1. The process of veneering elastomers which comprises applying to the surface of a hot mold a coating of a vulcanizable veneering elastomer composition in an inert volatile liquid, drying the coating, placing in the coated mold a mass of a different vulcanizable elastomer composition, applying pressure to force such mass to conform to the mold and then vulcanizing the compositions in the mold.

2,437,856
PRESSURE FLUID CONTROLLING DEVICE
Paul A. Lincoln, Bloomsbury, N. J., assignor to Ingersoll-Rand Company, New York, N. Y., a corporation of New Jersey
Application March 17, 1943, Serial No. 479,455
1 Claim. (Cl. 277—19)



In a pressure fluid controlling device, the combination of a casing having a reservoir for pres-

sure fluid and a pair of outlets and an inlet for the reservoir, a throttle valve of the rotary plate type to control communication between the reservoir and one of the outlets, teeth on a portion only of the periphery of the throttle valve, a rotary plug valve arranged perpendicularly to the axis of rotation of the throttle valve capable of movement independently of the throttle valve and having a passage to afford communication between the reservoir and the other outlet, and teeth on the end of the plug valve for selective engagement with the teeth on the throttle valve for transmitting rotary movement from the plug valve to the throttle valve.

2,437,857
TERPENE PRODUCT
Donald A. Lister, Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application May 11, 1945, Serial No. 593,311
1 Claim. (Cl. 260—631.5)

A water-soluble unsaturated trihydric terpene alcohol prepared by the oxidation of terpinolene, the hydroxyl radicals of which alcohol are secondary and tertiary hydroxyls, two of the hydroxyl radicals being attached to adjacent carbon atoms, said alcohol also having one double bond per molecule and being characterized by the capacity of forming white, triclinic crystals having a melting point of 121°–122° C. and a refractive index of about 1.54 when crystallized from aqueous acetone.

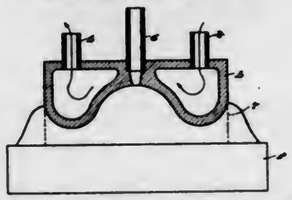
2,437,858
PROCESS FOR TREATING DIACETONE SORBOSE AND MONOACETONE SORBOSE
John F. Mahoney, Westfield, and Henry H. Bassford, Jr., Garwood, N. J., assignors to Merck & Co., Inc., Rahway, N. J., a corporation of New Jersey
No Drawing. Application September 30, 1944, Serial No. 556,674
8 Claims. (Cl. 260—338)

1. In a process for producing diacetone sorbose the step that comprises neutralizing an acidic mixture containing acetone, monoacetone sorbose, and diacetone sorbose by adding said mixture with agitation to an aqueous alkaline solution, the amount of water present being merely sufficient to dissolve substantially all of the salt formed during neutralization, separating the salt formed during neutralization from the neutralized mixture as a saturated aqueous solution, and recovering an acetone solution immiscible with said saturated aqueous solution and containing substantially all of the monoacetone sorbose and diacetone sorbose and a small amount of water.

2,437,859
PROCESS OF PREPARING FRESH GREEN VEGETABLES
Orville Lee Moulthrop, Selma, Calif., assignor to Western Frozen Foods Co., Fresno, Calif., a corporation of California
No Drawing. Application June 25, 1945, Serial No. 601,544
6 Claims. (Cl. 99—154)

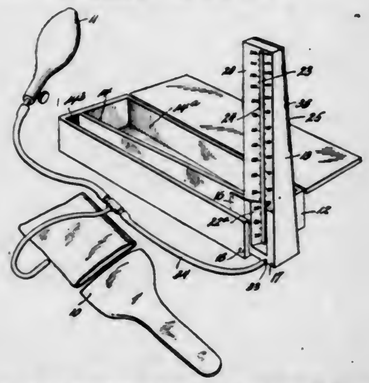
1. In a process of preparing fresh green vegetables for freezing, the steps of: subjecting fresh green vegetables to the action of a forcible spray of an aqueous salt solution at a temperature of between about 100° F. and 130° F. for a period of from about 25 seconds to 60 seconds, said solution having a sodium chloride content of between about 20% and 30% by weight at 60° F., while permitting excess solution to drain from the vegetables, and then subjecting the wet vegetables to the action of steam to raise the temperature thereof to about 190° F.–210° F. within a period of less than 5 minutes, and then rapidly cooling the vegetables to inhibit cooking of the vegetables.

2,437,860
METHOD OF MANUFACTURING OPTICAL ELEMENTS
Herre Rinia, Eindhoven, Netherlands; vested in the Attorney General of the United States
Application January 15, 1941, Serial No. 374,597
In the Netherlands October 10, 1939
4 Claims. (Cl. 18—58)



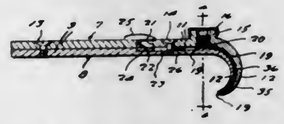
1. A method of manufacturing an optical element of a material which may gel in solution, comprising the steps of placing a quantity of the material in solution upon the surface of a support to which the gelled material adheres, forming the said material in solution into a gelled mass having thicknesses and thickness variations substantially proportional to and greater than those of the element to be formed and length dimensions substantially the same as those of the element to be formed, and desiccating said mass while on the support whereby the thicknesses and thickness variations of said mass are reduced to those of the element to be formed and the said length dimensions are maintained substantially constant.

2,437,861
SPHYGMOMANOMETERS
Charles B. Rohr, Alum Bridge, W. Va.
Application June 8, 1944, Serial No. 539,316
3 Claims. (Cl. 128—2.05)



1. A sphygmomanometer comprising in combination, a mercury chamber having a duct in the wall thereof through which the interior of the chamber may communicate with the surrounding atmosphere and through which air under pressure may be introduced into the chamber, a tube projecting into said chamber the end of which within the chamber is open and is spaced from the chamber bottom, an air chamber in constant communication with the interior of said tube at a point remote from that end thereof which is located within the mercury chamber, the duct or passage connecting the air chamber and tube permitting the ready flow of air therethrough but preventing the passage of mercury, a body of mercury within the mercury chamber and closing the end of the tube within said chamber when the tube is disposed in operative substantially vertical position, displacement of the mercury bringing the interior of the tube, and the interior of the air chamber, into communication with the mercury chamber, whereby atmospheric pressures in said chambers may be equalized.

2,437,862
MAGAZINE RAZOR BLADE HOLDER
Ardie A. Rouse, Orange, Tex.
Application May 14, 1946, Serial No. 669,592
3 Claims. (Cl. 30—40)



1. A magazine razor blade holder comprising a body composed of a pair of substantially similar superimposed sections, means separably securing said sections together, said body comprising a reduced relatively straight handle part terminating at its forward end in a relatively wide, generally rectangular shaving head part having its forward portion thereof curvedly downturned, a blade receptacle on the upper section of the shaving head for containing a stack of blades, blade passage means formed in said shaving head between said sections, and blade-feeding means longitudinally slidably mounted in channel means formed between the sections in said handle part, said channel means communicating with said blade passage means, said blade-feeding means comprising a finger piece projecting through a slot formed in one of the said sections, a shank working in said channel means, and a yoke working in said blade passage means, said yoke in the retracted position of said blade-feeding means being positioned to the rear of the stack of blades and arranged to push the lowermost blade of the stack forwardly into said blade passage means upon forward operation of said blade-feeding means.

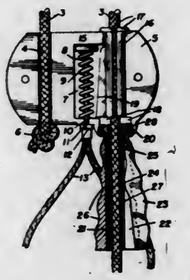
2,437,863
CIRCUIT BREAKER MOVABLE CONTACT
William Maxwell Scott, Jr., Bryn Mawr, Pa., assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa., a corporation of Pennsylvania
Original application June 10, 1940, Serial No. 339,689, now Patent No. 2,375,328, dated May 8, 1945. Divided and this application December 30, 1943, Serial No. 516,218
2 Claims. (Cl. 200—171)

1. A movable contact structure for switching apparatus having a contact movable into and out of engagement with a complementary contact, said movable contact structure comprising a contact arm oscillable between two predetermined positions, a contact lever carrying said movable contact on one end thereof, a pivot pin, the back of said contact arm having a part-cylindrical depression and the front of said lever having a corresponding part-cylindrical depression, the two depressions when in correspondence forming a cylindrical opening for receiving said pivot pin, means on said pin for preventing lateral movement thereof, and a spring member extending between said arm and lever at right angles to said pivot pin for maintaining the inside surface of said part-cylinder formed in said lever in abutting engagement with said pin and for maintaining the inside surface of said part-cylinder formed in said arm in corresponding opposed abutting engagement with said pin, a first connection stud connected to said complementary



contact, a second connection stud, a circuit connection from said second connection stud to the other end of said contact lever opposite from the end carrying said contact, the circuit path from said first to said second connection stud through said contacts and contact lever forming a loop, said circuit connection from said second stud including a pigtail connection extending substantially from the end of said lever in a direction to increase the effective length of said lever, the distance from said pivot point of said lever on said arm to the second connection stud being thereby greater than the distance from said pivot point to the engaging contacts to provide a blow-on action of said contacts.

2,437,864
FIRE ESCAPE
Elmer B. Staley, Natrona Heights, Pa.
Application December 10, 1946, Serial No. 715,266
5 Claims. (Cl. 227—30)



1. A rope or cable and pulley type fire escape including a supporting pulley, a rope or cable supported thereby, a housing secured to one end of said rope or cable, rope clamping jaws in said housing, said rope or cable extending between said jaws, a body supporting loop attached to said housing, a cam shoulder on one of said jaws, and means on said loop engageable therewith when a body is in said loop for controlling the operation of said fire escape.

2,437,865

METHOD OF ELECTRODEPOSITING COPPER AND BATHS AND COMPOSITIONS THEREFOR

Jesse E. Stareck, Detroit, Mich., assignor to United Chromium, Incorporated, New York, N. Y., a corporation of Delaware

No Drawing. Application September 25, 1943, Serial No. 503,846
7 Claims. (Cl. 204—52)

7. A method of depositing dense and adherent copper characterized by the bath having a pH between 6.5 and 7.5, and in which the bath consists essentially of 7.5 to 45 g./l. bivalent copper, 100 to 250 g./l. pyrophosphate (P_2O_7), and 5 to 20 g./l. nitrate (NO_3).

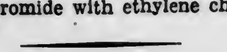
2,437,866

METHOD FOR THE PREPARATION OF 1-CHLORO - 3 - BROMO - 2 - (2-CHLOROETHOXY)-PROPANE AND THE COMPOUND PREPARED

Robert M. Vance, Cleveland, Ohio, and Amos G. Horney, Plattsburg, N. Y., assignors to Air Reduction Company, Incorporated, New York, N. Y., a corporation of Delaware

No Drawing. Application August 14, 1947, Serial No. 768,702
7 Claims. (Cl. 260—614)

1. A new chemical compound, 1-chloro-3-bromo-2-(2-chloroethoxy) - propane, with the structural formula:



2. The method of preparing 1-chloro-3-bromo-2-(2-chloroethoxy)-propane which comprises reacting allyl bromide with ethylene chlorohydrin and chlorine.

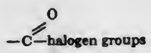
2,437,867

ORGANIC ISOCYANATES

John Joseph Verbanc, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 1, 1946, Serial No. 673,887
19 Claims. (Cl. 260—453)

1. An organic isocyanate which, except for the —NCO groups, consists of carbon and hydrogen, having admixed therewith from about 0.3% to about 5.0% of an organic carboxylic acid halide which, except for the



consists of carbon and hydrogen.

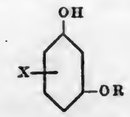
2,437,868

DIAZOTYPE LAYERS CONTAINING RESORCINOL MONOESTERS

William H. von Glahn, Loudonville, and Lester N. Stanley, Delmar, N. Y., assignors to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware

No Drawing. Application June 22, 1946, Serial No. 678,676
8 Claims. (Cl. 95—6)

1. As new products, light-sensitive layers on a suitable base containing a suitable light-sensitive diazo compound and an azo coupling component selected from the class represented by the formula



wherein R is an acyl radical and X is a member of the class consisting of hydrogen and substituents which do not adversely affect coupling capacity.

2,437,869

PHENANTHRIDINE DERIVATIVES

Leslie Percy Walls, Teddington, England, assignor to The Imperial Trust for the Encouragement of Scientific and Industrial Research, Westminster, England

No Drawing. Application February 2, 1945, Serial No. 575,931. In Great Britain January 3, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires January 3, 1964
3 Claims. (Cl. 260—286)

1. Quaternary 2:7-diamino-9-phenyl-10-alkyl phenanthridinium salts.

2. A new compound, 2:7-diamino-9-phenyl-10-methylphenanthridinium bromide which is soluble in water and has trypanocidal properties.

3. A new compound, 2:7-diamino-9-phenyl-10-methylphenanthridinium chloride which is soluble in water and has trypanocidal properties.

2,437,870

PROCESS OF TREATING SULFIDIC TUNGSTEN ORE CONCENTRATES

Thomas Jefferson Williams, Buenos Aires, Argentina

No Drawing. Application September 29, 1942, Serial No. 460,118
6 Claims. (Cl. 23—22)

6. A process of purifying sulphidic tungsten ore concentrate containing bismuth sulphide which comprises mixing the concentrates with sodium nitrate and manganese dioxide, the ratio of sodium nitrate to manganese dioxide being between 8:1 and 4:1, contacting the mixture with an acid of the group consisting of hydrochloric acid, sulphuric acid and mixtures thereof, thereby forming free tungstic oxide and an acid solution containing dissolved bismuth compounds, separating the acid solution from residual concentrates comprising finer grains and coarser grains, recovering the bismuth compounds from the acid solution, separating the finer grains from the coarser grains of the residual concentrate, and leaching the finer grain sizes with a solvent selected from the class consisting of ammonia and alkaline solutions so as to recover the free tungstic oxide as tungstates.

2,437,871

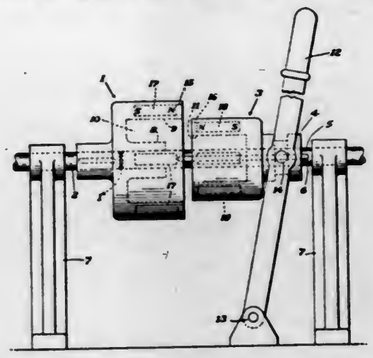
MAGNETIC COUPLING

Alfred R. Wood, Portland, Maine

Application February 9, 1943, Serial No. 475,320
3 Claims. (Cl. 172—284)

1. A clutch comprising a driving member and a driven member, one of said members being slidable with reference to the other, each of said members including annular portions of non-magnetic material, the outside diameter of one of which is less than the inside diameter of the other so that one of said portions may nest within the other without contact therewith, a set of

spaced permanent magnets of the bar type carried by each of said annular portions so that the magnetic action is effective to couple said members when said portions are nested, each set of magnets being disposed parallel to the other set



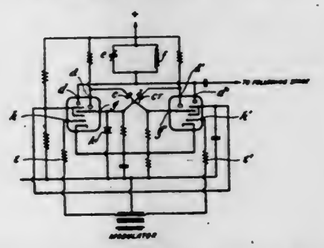
and to the axis of the members with all the north poles of each set being radially alined but disposed in a direction opposite to the other set, and means to slide one of said members relative to the others thereby to bring the annular portions into and out of their nested relation.

2,437,872

PHASE MODULATOR

Christopher E. G. Bailey, Bournemouth, England, assignor to The Mullard Radio Valve Company Limited, London, England, a British company

Application September 14, 1944, Serial No. 554,130
In Great Britain February 5, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires February 5, 1963
5 Claims. (Cl. 179—171.5)



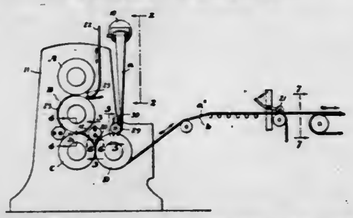
1. Apparatus for producing a phase modulated wave with substantially zero amplitude modulation, comprising a multivibrator type oscillation generator comprising two discharge tubes each having a cathode, a control grid and an anode, coupling capacitors having capacitance values of the order of magnitude of the grid-anode capacitance of said tubes cross-connecting the grids and anodes of said tubes and means to place said oscillation generator in condition for oscillation at a given frequency and to maintain the grids of said tubes at potentials substantially 90° out of phase with respect to each other, said means comprising an element having an inductive reactance at said frequency, means to derive from said grids two voltages substantially 90° out of phase with respect to each other, means to amplitude modulate each of said voltages, and means comprising a common output circuit for combining said modulated voltages to produce a phase modulated wave having substantially zero amplitude modulation.

2,437,873

METHOD OF MAKING VEHICLE TIRES

Chalmer L. Beward, Akron, Ohio, assignor to The General Tire & Rubber Company, Akron, Ohio, a corporation of Ohio

Application February 2, 1942, Serial No. 429,140
10 Claims. (Cl. 154—9)



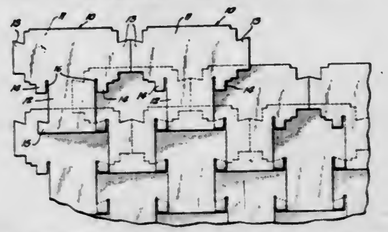
1. A method of preparing composite tread and side wall strips having a tread portion and a base portion of different rubber compounds, which comprises forming a tread strip by shaping a relatively wear-resistant compound to a strip having suitable width for forming the road contacting surface of a tire, separately shaping a different rubber compound, of a type suitable for side wall coverings of a tire, to a base strip having greater width than that of said tread strip, feeding said tread strip against said base strip, and while retaining said tread strip in a form having a curved transverse and longitudinal section causing flow of rubber compound of said base strip of substantially uniform transverse thickness to form longitudinal ridges underlying the edge portions of said tread strip.

2,437,874

SHINGLE

James E. Black, Chicago, Ill., assignor to James E. Black, Elam L. Black, Whitfield J. Black, and Virginia Black, a partnership doing business as Black Systems, Chicago, Ill.

Application June 7, 1945, Serial No. 598,131
2 Claims. (Cl. 108—7)



1. A shingle of flexible weather resistant material comprising a head portion having parallel lateral edges, three downward projections from the head portion which are severally integral with the head portion but otherwise separate and distinct from each other, two of said three projections being symmetrical locking tabs substantially spaced from each other and equidistantly spaced inwardly from the lateral edges of the head; the other of said three projections being a shank portion substantially wider than and lying between and adjacent to said locking tabs and extending substantially downwardly beyond

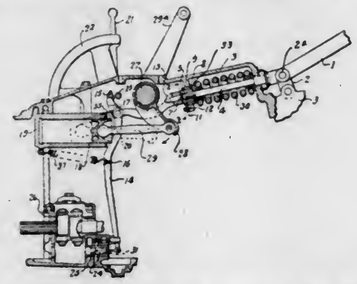
them, and a pair of locking tab engaging tabs projecting laterally in opposite directions from the lower end of the shank portion, each of said locking tabs being adapted to flex relative to the head portion on a transverse line of flexure without causing wind pocket forming flexure of the proximate lateral edge of the shank portion.

2,437,875

AUTOMATIC DEPTH CONTROL FOR GROUNDWORKING IMPLEMENTS

John M. Chambers and Ernest V. Bunting, Dearborn, Mich., assignors to Harry Ferguson, Inc., Dearborn, Mich., a corporation of Delaware

Application January 10, 1945, Serial No. 572,158
10 Claims. (Cl. 97—50)



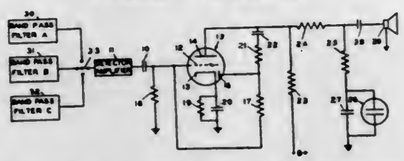
1. In an automatic depth control for groundworking implements of the type in which a link and control rod are moved by forces resulting from an implement working in the ground to operate mechanism to control the depth of the implement in the ground, a spring for resisting said forces, means for making said spring effective to resist said forces coming through the said link and rod and also effective to resist tension forces applied to said link and rod when the forces are insufficient to overcome the moment of the implement due to its weight and leverage, said means comprising a member on the control rod for applying a forward movement of the control rod to the spring, a second member for applying rearward movement of the control rod to the spring, and spring supports at each end of the spring for holding the spring while the movement is applied by one of said members to the opposite end of the spring.

2,437,876

SIGNAL RECEIVER AND WARNING DEVICE

Seymour B. Cohn, Cambridge, Mass., assignor to the United States of America, as represented by the Secretary of War

Application July 9, 1945, Serial No. 604,068
3 Claims. (Cl. 250—20)



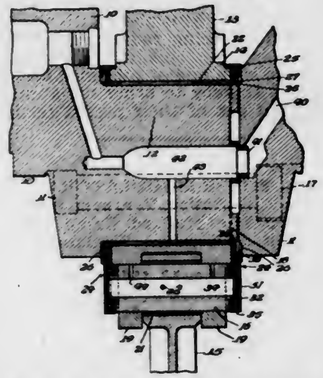
3. In radio receiving circuits, a diode-triode vacuum tube, means for impressing a signal voltage on the grid of the triode portion of said tube, means associated with said triode portion to amplify said signal voltage, audio indicator means for reproducing all received signals, other means including the diode portion of said tube for rectifying said amplified signal voltage and for feeding said amplified and rectified voltage back to said grid whereby the potential on the plate of said triode portion is increased proportionally to the amplitude of the received signal, and a normally non-operative relaxation oscillator, means to impress the varying plate potential on said oscillator, said oscillator being adapted to oscillate when a potential in excess of a predetermined value appears on said plate, said potential resulting from a received signal having an amplitude in excess of a predetermined value, said audio indicator means being responsive to said relaxation oscillator in its operative state.

2,437,877

LINK-PIN RETAINING DEVICE FOR RADIAL ENGINES

William Robert Dittmar, Williamsport, Pa., assignor to Avco Manufacturing Corporation, a corporation of Delaware

Application July 4, 1945, Serial No. 603,159
8 Claims. (Cl. 74—580)



1. In a radial engine, which comprises: a shaft with a crank-pin, means for conducting lubricant to the periphery of the crank-pin, a master connecting rod on the crank-pin, a series of link connecting rods, a series of link-pins journalled in said master rod and on which the link-rods are journalled, and provided with means for conducting lubricant to their bearings in the master rod and to the bearings for the link-rods on the link-pins, and a pair of retainers at the sides of, for holding the link-pins axially in, and secured to move with the master rod, provided with recesses into which the end-portions of the link-pins extend and ducts for lubricant from the crank-pin to the recesses; interfitting parts integral with one of the end-portions of the link-pins and one of the retainers, for securing the link-pins against rotation in the retainers.

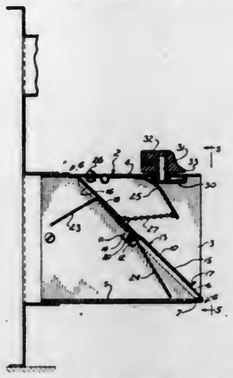
2,437,878

THERMOSTATIC DAMPER CONTROL

John G. Dunville, Chicago, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York

Application June 7, 1943, Serial No. 489,894
4 Claims. (Cl. 236—93)

1. In combination with a stove or the like, an air supply duct therefor, a pivotally mounted main damper for said duct initially biased to closed position, said main damper having an aperture, a pilot damper pivoted coaxially with the main damper and dimensioned to close said aperture, biasing means urging the pilot damper toward open position relative to said aperture, temperature responsive means connected to said pilot damper holding it closed at a predetermined



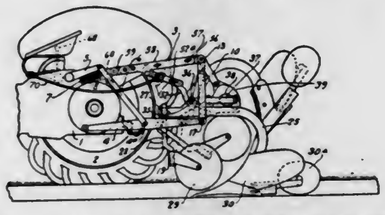
temperature and operative to release it from closed position in response to a drop in temperature, and a lost motion connection through which the pilot damper then acts to bias the main damper toward open position in response to a further drop in temperature.

2,437,879

TWO-WAY PLOW

Henry George Ferguson, Arlington, Belfast, Ireland

Application April 14, 1944, Serial No. 531,018
32 Claims. (Cl. 97—29)



1. In combination a tractor including a power unit, hitch means for connecting an agricultural implement to the tractor comprising link means adapted to be raised and lowered by said power unit and a two-way plough carried by said link means comprising two ploughs capable of relative up and down movement so as to be selectively engageable with the soil, and change-over means for causing said relative up and down movement between the ploughs, said change-over means being connected to the link means so as to be actuated automatically as a result of vertical movement of said link means.

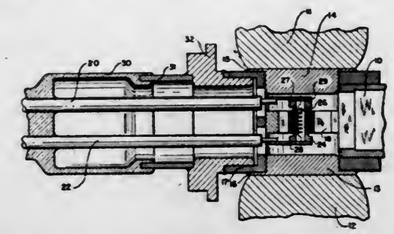
2,437,880

CATHODE SUPPORT STRUCTURE

Polykarp Kusch, New York, N. Y., assignor to the United States of America as represented by the Secretary of War

Application July 9, 1945, Serial No. 604,073
4 Claims. (Cl. 250—27.5)

1. A thermionic tube, including a cylindrical anode structure, a cathode structure, and radially extending lead-in wires connected to said cathode, said wires, holding the axis of said cathode displaced by a small amount from the axis of said anode when the tube is de-energized, said wires being affected by current through the



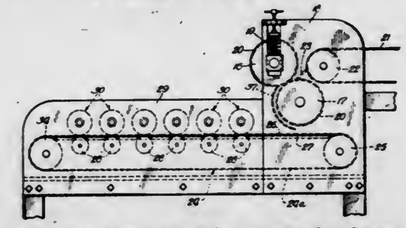
cathode and general heating of said tube causing the axis of said cathode and the axis of said anode to be substantially colinear after the tube has been energized and reached an operating thermal equilibrium.

2,437,881

CRUSHING ROLL APPARATUS FOR REDUCING TO POWDER MATERIALS PACKAGED IN TABLET FORM

Frederick A. Lobley and Walter E. Lowell, Elkhart, Ind., assignors to Miles Laboratories, Inc., Elkhart, Ind., a corporation of Indiana

Application January 12, 1944, Serial No. 517,924
8 Claims. (Cl. 241—159)



1. In means for reducing to powder form materials packaged in tablet form by sealing the tablets in protecting envelopes each with a space therein extending about the enclosed tablet and marginal portions extending outwardly from said space and bonded together peripherally about the tablet, primary crushing rolls, means for delivering the packaged tablets edgewise to said rolls, secondary crushing rolls, a conveyor passing beneath said secondary rolls for delivering edgewise thereto the envelopes discharged from said primary rolls, and means for reversing the envelopes discharged from said primary rolls so that the following and leading edges thereof, while passing through said primary rolls, become the leading and following edges and depositing the envelopes in such reversed position upon the upper face of said conveyor, the latter providing a substantially continuous flat surface supporting the envelope and cooperating with said secondary rolls during the secondary crushing operation.

2,437,882

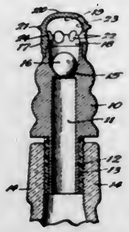
BOTTLE CLOSURE

Leo M. Mallick, Chicago, Ill.

Application September 4, 1945, Serial No. 614,097
3 Claims. (Cl. 215—75)

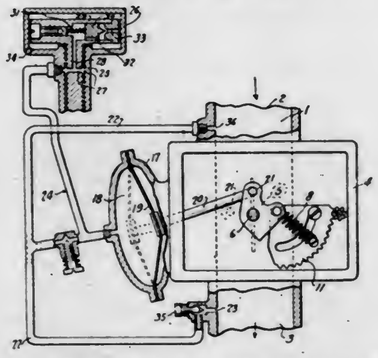
1. A bottle closure comprising a casing having a longitudinal drain passage therethrough, said casing having an end portion adapted to be received within the neck of a bottle and the other

end portion providing a valve seat in said passage and a chamber enclosing said seat, and a ball in said seat heavier than the liquid in the bottle and adapted to seal the passage when the bottle is in an upright position, said casing being provided above said valve seat with a continuous series of closely-spaced openings extending around the casing, said chamber extending beyond said openings and providing a recess adapt-



ed to receive said ball when the bottle is tipped to pouring position without closing any of said openings, said openings being located between said recess and said seat and being large enough to arrest return movement of said ball toward said seat when said bottle is tilted slightly past drain-back position by releasing said ball for return to its seat when a sharper angle of tilt in the drain-back position has been reached.

2,437,883
ENGINE GOVERNOR
Marion Mallory, Detroit, Mich.
Application September 7, 1945, Serial No. 614,910
7 Claims. (Cl. 137—153)



1. A governor for an internal combustion engine having an intake passageway, comprising a throttle valve controlling the flow of motive fluid through said intake passageway, a device actuated by changes in pressure in the intake passageway on the intake passageway outlet side of said valve for imparting movement to said throttle valve, said pressure actuated device tending to move said throttle valve toward closed position in response to a fall in said intake passageway pressure, a valve shaft for supporting said valve, a lever on said shaft, and resilient means connected to said lever tending to open said throttle valve, said resilient means being constructed and arranged for continuously gaining leverage over said throttle valve as it moves toward closed position, said resilient means comprising a spring and an anchor for one end of said spring pivoted eccentrically of said throttle valve shaft and the other end of said spring being connected to said lever whereby pivoting of said anchor changes the tension of said spring.

2,437,884
METHOD FOR MAKING PLASTIC COMB HOLDERS
Charles Edgar Maynard, Florence, Mass., assignor to The Pro-Phy-Lac-Tic Company, Florence, Mass., a corporation of Massachusetts
Application September 18, 1947, Serial No. 774,709
4 Claims. (Cl. 18—47.5)

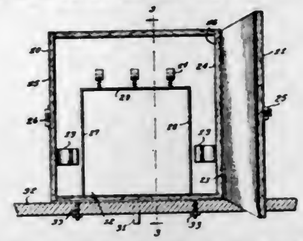


1. The method of making pocket comb holders of thermoplastic material by the use of a tubing machine and its delivery conveyor which consists in tubing the hot material without a core and with a wall thickness to permit slow collapse of the tube form, running the tube, as it is formed, in suspended condition through a working space before it reaches the conveyor, directing cooling jets of air against the outer surface of the tube form all around its circumference to chill its surface to prevent marring when it reaches the conveyor and to help support the tube form until it reaches the conveyor, before it reaches the conveyor squeezing the tube together by identical mechanical action on opposite sides of the tube to heat seal such tube over short portions spaced about double the length of the comb holders wanted, pricking the tube to vent it midway between such portions, carrying the tube form on the conveyor, for partial flattening those portions between the heat sealed portions to neatly receive the form of a comb, cooling the tube to set the material in substantially comb receiving form, and then cutting off the lengths of comb holders midway between such heat sealed portions of the tube and also across such heat sealed portions to form one closed and one open end for each of the cut off comb holders.

2,437,885
MOTOR VEHICLE REFRIGERATOR
Frank W. Merstick, Cleveland, Ohio
Application December 9, 1946, Serial No. 715,025
3 Claims. (Cl. 62—31)

1. In a refrigerating element for motor vehicles and the like, the combination, which comprises, a box-like casing with insulated side, end, top, and bottom walls, an insulated door hinged to the front of the casing providing a substantially sealed closure therefor, a latch for securing the door in the closed position, an inner ice compartment in said casing with side and top walls spaced from corresponding walls of the casing, a drain extending from said ice compartment through the bottom of the casing, and adapted to extend through the floor of a motor vehicle in which the casing may be installed, spring clips

adapted to hold bottles and the like on the inner walls of the casing, and spring product holding



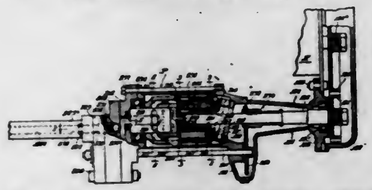
clamps in the casing in the area above the said ice compartment.

2,437,886
PROTECTING DEVICE FOR INDUSTRIAL GLOVES
Irwin W. Millard and Elmer W. Beatty, Danville, Ill.
Application August 11, 1943, Serial No. 498,174
1 Claim. (Cl. 69—21)



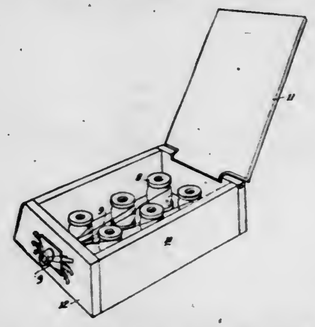
A reenforcement for an industrial glove comprising a generally T-shaped portion of thin flexible leather having one entire face thereof coated with permanently tacky adhesive, one portion of the T being adapted to overlie the glove area to be reenforced and adhesively secured to the same with the other portion of the T projecting as an anchorage strip from said one portion and adhesively secured to an adjacent portion of the glove.

2,437,887
PUMP
Carl W. Mott, La Grange, Ill., assignor to International Harvester Company, a corporation of New Jersey
Application June 30, 1943, Serial No. 492,858
3 Claims. (Cl. 103—162)



1. In a pump, a rotatable carrier having a radially extending web-like body, cylinders on one end of the carrier body with their axes generally parallel with the rotational axis of the carrier and revolvable about said axis pursuant to carrier rotation, pistons reciprocable in said cylinders to cause expansion and contraction of the space therein, cylinder ports leading through the carrier to the opposite end of the carrier body, commutating means having inlet and outlet ports successively communicatively traversed by the cylinder ports respectively during expansion and contraction of the space in their associated cylinders, an annular force-reaction member encircling the carrier axis at the one end of the carrier within a plane oblique thereto to incline diametrically opposite edge portions of said member axially of the carrier, and means for pressing said pistons axially toward said reaction member to cause the pistons to alternately traverse said inclined edge portions and thereby incur the reciprocation of the pistons, the last-named means including a member having an annular force-reaction portion encircling the carrier axis at the other end of the carrier within a plane generally parallel with the first-named plane, and axially reciprocable thrust members extending axially through the carrier body between the pistons and said annular force-reaction portion.

2,437,888
THREAD CASE
Bettie Narki, Cleveland, Ohio
Application December 7, 1945, Serial No. 633,295
2 Claims. (Cl. 223—106)

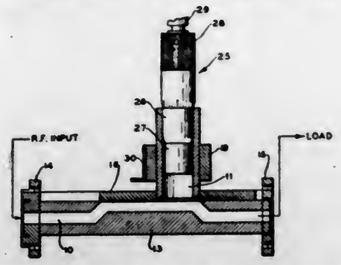


2. A thread case, comprising in combination, a front end wall, said end wall having an opening therethrough, a bottom or base, posts mounted on the base retaining a plurality of equally spaced spools in normally fixed positions, each of said spools having a length of thread thereon, a free end of which passes through the opening in the end wall, said means also including a friction device mounted on the top portion of each of said posts retaining the spools in fixed positions, a spring mounted on each of the posts and engaging the inner surface of the tubular portion of a spool, a retention cutter mounted on the said front wall, said cutter including tension means capable of holding the free ends of the thread against the front end wall, the said cutter also having a tube portion mounted in the end wall opening and receiving the aforesaid threads and having a plurality of blade members engaging the same, said blades being bent at their outer free ends and recessed at their central portions, each capable of engaging and cutting one of the aforesaid threads.

2,437,889
HIGH-FREQUENCY TUNING DEVICE
Arnold T. Nordsieck, New York, N. Y., assignor to the United States of America as represented by the Secretary of War
Application November 27, 1945, Serial No. 631,176
4 Claims. (Cl. 178—44)

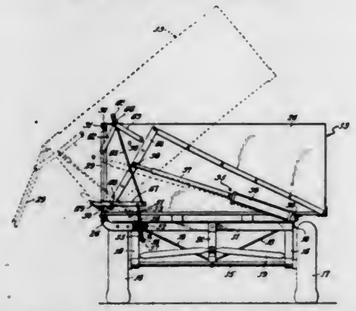
4. A roving stub tuner comprising an element of conducting material having a bore extending therethrough to define a main wave guide, said bore being offset for a portion of its length to

align a surface of said bore with a surface of said element thereby providing an opening along said wave guide, an overlapping sliding wall covering said opening, said sliding wall being movable along said wave guide, a stub wave guide mounted



on said sliding wall and coupled to said main wave guide by an aperture in said wall, means for adjusting the length of said stub wave guide, and means for adjusting the position of said stub wave guide along said main wave guide.

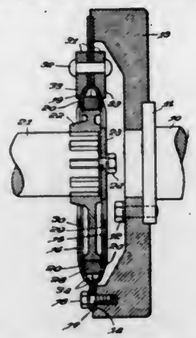
2,437,890
DUMP CART
John W. Orendorff, Canton, Ill., assignor to International Harvester Company, a corporation of New Jersey
Application December 14, 1945, Serial No. 635,007
3 Claims. (Cl. 298—22)



1. A dump cart comprising a wheeled frame, a dump body carried on the frame, a pivoted gate on the body, pivot means connecting the body to the frame for movement thereof to and from dumping position, toggle links pivotally connected to the gate and to the body and actuable to open said gate, latch means for retaining the gate in closed position, link means connecting said latch and said toggle links at the juncture thereof, and resilient means connecting said links to the frame and operative upon movement of the dump body to dumping position to release said latch and actuate said toggle links.

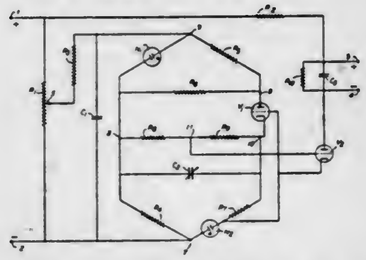
2,437,891
FLEXIBLE COUPLING
Stuart D. Pool, Moline, Ill., assignor to International Harvester Company, a corporation of New Jersey
Application January 19, 1945, Serial No. 573,542
5 Claims. (Cl. 64—14)

1. A flexible shaft coupling comprising a hub member having a plurality of equally spaced radial projections, each projection being curved around at its projecting end and the projections being joined by curved valleys therebetween, a generally annular structure surrounding said hub member and provided with a sinuous recess therein following said projections and said valleys in spaced relation radially and overlapping the projections slightly spaced in an axial direction therefrom, said recess being partially formed by



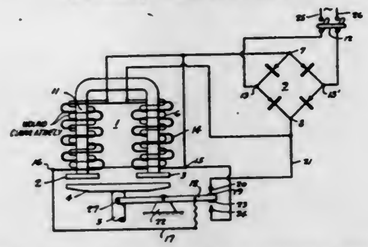
side walls inclined toward each other in a radially outward direction and a V-belt with angled side walls arranged in a sinuous manner over the projections on the hub member and in the recess of the annular structure and contacting at least the circular portions of the projections and having its angled side walls contacting the inclined side walls of the recess.

2,437,892
VOLTAGE CONTROL CIRCUIT
William R. Rambo, Cambridge, Mass., assignor to the United States of America as represented by the Secretary of War
Application October 19, 1945, Serial No. 623,420
3 Claims. (Cl. 250—36)



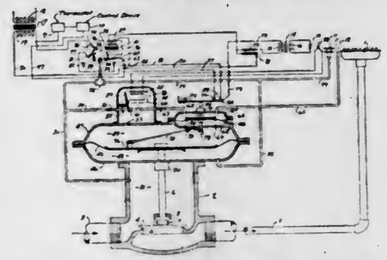
1. A pulse generator of independently adjustable pulse width and frequency comprising: a first capacitor; a main discharge circuit for said capacitor comprising a first discharge tube and resistor in series; means to charge said capacitor at an adjustable rate to determine the pulse frequency; an auxiliary discharge circuit for said first capacitor in parallel with said main circuit comprising controllable means and a second resistor and discharge tube in series, said first discharge tube and said controllable means being connected to the same terminal of said capacitor; a second capacitor having one terminal connected between said first discharge tube and resistor and the other terminal connected between said controllable means and said second resistor, means responsive to current flow in said second resistor to prevent current flow in said controllable means, and means to adjust the discharge rate of said second capacitor through said second resistor and discharge tube to determine the width of the pulse discharge through said second discharge tube.

2,437,893
ELECTROMAGNETIC OPERATOR
William A. Ray, Glendale, Calif., assignor to General Controls Co., a corporation
Application April 13, 1943, Serial No. 482,850
8 Claims. (Cl. 175—335)



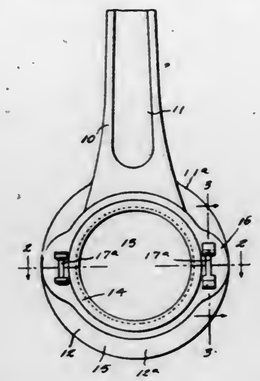
1. In an electromagnet, a magnetic member adapted to be influenced by a magnetomotive force to move from an unattracted position to an attracted position, a coil adapted to be connected to a source of electrical energy, another coil also adapted to be connected to said source, and magnetically coupled in cumulative relation to said first coil and connected to said source in parallel with the first coil, and means operated in response to substantial movement of said member from its unattracted position for successively disconnecting said other coil for parallel arrangement and short-circuiting the said other coil.

2,437,894
FUEL PRESSURE IGNITION CONTROL FOR BURNER SYSTEMS
William A. Ray, Glendale, Calif., assignor to General Controls Co., a corporation
Application January 8, 1945, Serial No. 571,722
12 Claims. (Cl. 158—117.1)



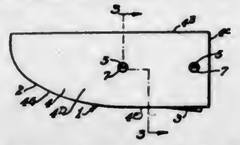
1. In a system of the character described, a fuel burner, an electrically energizable igniter for the burner, a valve for controlling the burner, switch means including a pair of contacts, a fluid pressure mechanism controlled by the fuel supply pressure for operating said valve and said switch means, a control circuit including a control device and said contacts for rendering said igniter active, and means responsive to the existence of a flame at the pilot burner for causing said pressure controlled mechanism to operate the valve to pass fuel to the burner and to render said igniter inactive.

2,437,895
CONNECTING ROD ASSEMBLAGE
Laurence Rose, Washington, D. C.
Application June 2, 1944, Serial No. 538,463
10 Claims. (Cl. 287—93)



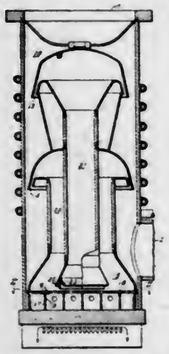
1. In connecting rod assemblies, wherein one end zone of the rod is formed with a bearing opening and is operatively mounted on a crank pin or analogous structure extending within such opening and operative to travel with the pin in a circular path, wherein the assemblage includes an insertable bearing insert mounted on the pin within the bearing opening, and wherein such rod end zone and the bearing insert are each of sectional formation to permit mounting of the assemblage on the pin and the insertion and removal of the bearing insert within the assemblage at will, the combination with such assemblage, of means for operatively securing the end zone sections together about the pin and the interposed bearing insert, said means including an insertable key formation having its lengthwise direction extending in general parallelism with the axis of the bearing insert, and a complemental slot formation in such end zone, said key and slot formations being symmetrically disposed relative to the opposing faces of adjacent sections of the end zone to operatively connect such sections and prevent separation thereof during service, a cross-section of said key formation including a web portion with a pair of spaced head portions integrally united thereto at opposite edges of the web portion and with the head portions projecting laterally beyond a side face of the web portion, the slot formation presenting the web-receiving portion of the slot as crossing the division line between the rod end-zone sections at an angle to such line, said web portion of the key having the depth of its face of gradually-increasing dimension from end to end of its active section-holding length to thereby provide a dimension of tapering characteristic between the opposing inner faces of the laterally-projecting zones of the head portions, whereby key advance after key insertion in the slot formation will cause the adjacent sections to be drawn toward each other, at least one of said key portions having an extension projecting at the advance end of the key and adapted to be bent upon an adjacent exposed face of the end zone to thereby anchor the inserted key against undesired releasing movement of the key due to vibratory effects.

2,437,896
SLIDING WALLPAPER BASE TRIMMER
Marcus Jesse Rutledge, Chicago, Ill.
Application December 29, 1944, Serial No. 570,325
5 Claims. (Cl. 30—286)



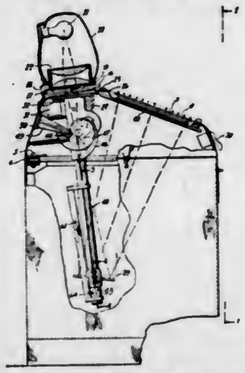
5. A wall paper trimmer which can be held wholly in the palm of the hand of a user with the rear or cutting end extending partly out of the hand for guiding its cutting position, comprising a pair of similarly shaped members forming a blade holder having flat adjacent inner faces and top and rear faces at a right angle to one another, the members being formed of cross-sections which converge to form a combined sharp or narrow leading edge consisting of a rear portion in the form of a straight line which extends forwardly from the rear face of the holder a distance equal to about the length of the cutting blade and the remaining forward portion of the leading edge extending to the forward end of the top face of the holder in the form of a parabolic curve, a pair of dowels on the inner flat face of one of said members, a cutting blade mounted on the dowels and having a triangular cutting edge portion projecting beyond said straight line portion of the leading edge of the holder near the rear face of the holder, and a pair of bolts for securely holding said members in face contact with each other with the cutting blade pressed between them.

2,437,897
PUMP
Glenn R. Stoltenberg, New York, N. Y., and August P. Colaiaco, Wilkinsburg, Pa., assignors, by mesne assignments, to the United States of America as represented by the United States Atomic Energy Commission
Application December 29, 1944, Serial No. 570,418
7 Claims. (Cl. 230—101)



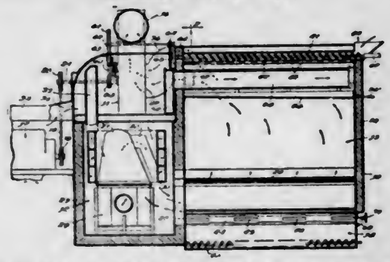
1. A vacuum pump comprising a substantially cylindrical pump chamber, a plurality of axially spaced pumping jets in said chamber, a plurality of coaxial vapor passages for delivering vapor to said jets, a common boiler adapted to contain pumping liquid for producing the pumping vapor, means in closely-spaced relation above the level of said liquid for associating the vapor passages with predetermined portions of the surface of the liquid in the boiler said means including a depending baffle for impeding migration of pumping vapor, and means in said boiler for controlling the quality of the vapor evolved in the several portions of the boiler.

2,437,898
AUTOFOCUS PHOTOGRAPHIC ENLARGER OF THE FOLDED-LIGHT-PATH TYPE
Keith N. Swanson, Hollywood, Calif., assignor to Bell & Howell Company, Chicago, Ill., a corporation of Illinois
Application August 4, 1945, Serial No. 608,937
8 Claims. (Cl. 88—24)



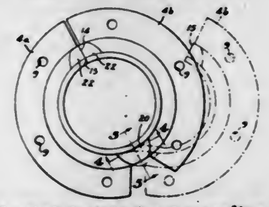
1. In a photographic enlarger, the combination of a master holder, a copy holder and a mirror so arranged that said mirror forms a folded optical path between said master and copy holders and said mirror being mounted for adjustment longitudinally of the folded portions of said optical path, a projection lens disposed between said master holder and mirror for projecting light from said master holder to said mirror and mounted for adjustment along the portion of said light path between said master holder and mirror, and adjusting means conjointly operative on said mirror and lens to simultaneously effect said adjustments thereof at predeterminately portioned velocities maintaining conjugate foci of said lens at the planes of said master and copy holders.

2,437,899
SUCTION-TYPE GRAIN DRYER AND COOLER
Albert B. Welty, Moline, Ill., assignor to International Harvester Company, a corporation of New Jersey
Application June 19, 1944, Serial No. 540,967
4 Claims. (Cl. 34—65)



1. A grain dehydrator having an insulated housing comprising an engine, a vertical grain chamber, an auger for feeding grain along the top of said grain chamber, grain discharge rolls at the bottom of said grain chamber, said auger and discharge rolls rotatably driven by said engine, a heating plant requiring a supply of air, an air intake positioned over said engine, whereby air utilized by the heating plant is preheated, a communicating passage between the heating plant and the grain chamber, and suction means for drawing air in over the engine, through the heating plant and up through the grain chamber, said grain chamber having an auxiliary air entrance located beneath the discharge rolls and bypassing the heating plant and entering said grain chamber at a level beneath the level of the entrance of the hot air communicating passage and whereby the suction means draws cool air up from the auxiliary air entrance around the discharge rolls to mingle with the heated air in the lower portion of the grain chamber.

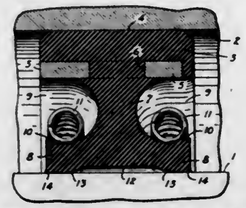
2,437,900
LIQUID SEAL
Thomas H. Winkeljohn, Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio, a corporation of Ohio
Application December 10, 1943, Serial No. 513,663
10 Claims. (Cl. 286—5)



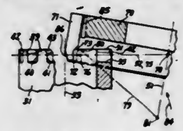
1. An oil retaining device for sealing the space between a housing and a rotatable shaft comprising a backing member to be maintained stationary with respect to said housing and having two sections; a one-piece, centrally apertured molded sealing element of a rubberlike material having a body portion permanently attached to said sections of said backing member by surface adhesion and a sealing portion with a lip adapted to bear against said shaft; said sealing element having one transverse slit between the adjacent sections of said backing member to permit relative movement between portions of said sections, one end of each section of said backing member being spaced from the end of another section nearest thereto more than the other end to permit hinged opening of said annulus to C-shape by distortion of only a relatively small portion of said body portion of said sealing element while preventing concentration of stress at adhered surfaces sufficient to cause relative surface movement between any part of said sealing element and said backing portion.

2,437,901
SEALING RING
Thomas H. Winkeljohn, Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio, a corporation of Ohio
Application December 23, 1944, Serial No. 569,471
1 Claim. (Cl. 288—2)

A sealing ring for insertion between concentric cylindrical surfaces comprising a body of elastic and pliable material having a positioning rim with a cylindrical face engageable with one of said cylindrical surfaces, a flexible central web integral with the rim, flexible flanges extending laterally from said web and spaced radially from said rim to form channels opening to opposite sides of the ring, an endless cylindrical metal reinforcing ring having circumferentially spaced perforations, said ring being embedded in the inner portion of said positioning rim and overlying said web with its perforations alined with the web to firmly anchor said ring and to provide a relatively rigid rim with a layer of elastic material of substantial thickness exteriorly of said reinforcing ring, and springs exerting a radial pressure upon the inner faces of said flanges.



2,437,902
METHOD OF PRODUCING FACE CLUTCHES
Ernest Wildhaber, Brighton, N. Y., assignor to Gleason Works, Rochester, N. Y., a corporation of New York
Original application November 17, 1942, Serial No. 465,862, now Patent No. 2,384,583, dated September 11, 1945. Divided and this application March 14, 1945, Serial No. 582,637
17 Claims. (Cl. 90—9.4)

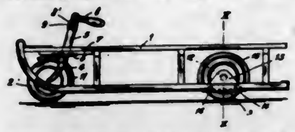


1. The method of cutting and chamfering the teeth of a face clutch member which comprises employing a face mill cutter that has side cutting edges of one pressure angle extending from the tip of the cutter for part of the effective cutting height of the cutter and chamfering edges of greater pressure angle for the rest of the effective cutting height of the cutter, positioning said cutter so that, when it is at full depth cutting position, its axis will pass through points of intersection with a plane containing the clutch axis of normals to a tooth side and a chamfered surface of the work at mean points in the length of said tooth side and chamfered surface, and rotating the cutter in engagement with the work, while holding the work stationary on its axis and while effecting a relative depthwise feed movement between the cutter and the work.

2,437,903
SPORTS VEHICLE
Otto Züllig, Zurich, Switzerland
Application April 18, 1944, Serial No. 531,627
In Switzerland November 27, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires November 27, 1962
1 Claim. (Cl. 280—8)

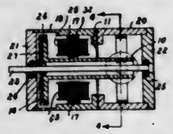
A sports vehicle comprising a toboggan having an upper platform and lower side runners, a dirigible front wheel detachably mounted on the upper platform and a pair of rear wheels detachably mounted on the lower side runners, all of said wheels being disposed between the side

runners, the mounting for the rear wheels including bearing plates having channel portions



at their lower ends embracing the side runners and a cross axle for the wheels mounted in the upper ends of said bearing plate.

2,437,904
ALTERNATING CURRENT OR LIKE MOTOR WITH GYRATORY ARMATURE
Albert Ernest Adams and Dmitri Waloff, Wells, England, assignors to Scophony Limited, London, England
Application April 24, 1946, Serial No. 664,480
In Great Britain January 12, 1945
11 Claims. (Cl. 172—278)



1. A dynamo-electric device comprising a first member mounted upon a flexible support which permits gyration but prevents rotation of said first member relatively thereto, a second member mounted for rotation relatively to said first member and in rolling engagement with a part of said first member which moves in a circular path, and electromagnetic means for imparting gyratory motion to said first member to produce relative rotation between said first and second members.

2,437,905
CYANOALKYL ETHERS OF POLYHYDRIC ALCOHOLS
Herman A. Bruson, Rydal, Pa., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa., a corporation of Delaware
No Drawing. Original application January 15, 1941, Serial No. 374,603. Divided and this application December 29, 1945, Serial No. 638,451
3 Claims. (Cl. 260—464)

1. Compounds of the formula:

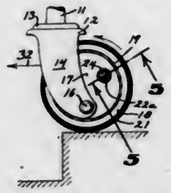
$$NCCH_2CH_2—O—A—O—CH_2CH_2CN$$

wherein A is an alkylene group having ten to twelve carbon atoms between oxygen atoms and containing from ten to eighteen carbon atoms, inclusive.

2,437,906
CYANOETHYLATION OF CARBONYLIC COMPOUNDS
Herman A. Bruson, Rydal, and Warren D. Niederhauser, Philadelphia, Pa., assignors to The Resinous Products & Chemical Company, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application January 3, 1946, Serial No. 638,918
3 Claims. (Cl. 260—464)

1. A process of cyanoethylating a saturated aliphatic ketone having a reactive hydrogen on the carbon atom contiguous to the carbonyl group thereof and having three to five carbon atoms which comprises reacting by condensing together ethylene cyanohydrin and said ketone at about 80° C. to about 110° C. in the presence of 0.5% to 5% (based on the weight of the reactants) of an alkaline catalyst selected from a member of the class consisting of oxides, hydroxides, amides, hydrides, and alcoholates of the alkali metals and the strongly basic quaternary ammonium hydroxides.

2,437,907
CASTER
Ervin J. Casper, Vallejo, Calif., assignor of one-half to Kenneth K. Casper, Vallejo, and one-half to William Henry Wilson, San Francisco, Calif.
Application June 12, 1946, Serial No. 676,213
7 Claims. (Cl. 16—46)

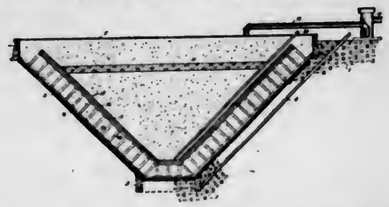


1. A caster comprising a frame, a wheel eccentrically and revolubly carried by said frame, an annulus revolubly mounted around said wheel, whereby the height of the caster is automatically self-adjustable, and means to vary selectively such self-adjustability.

2,437,908
PRINTING INKS
Caesar Frank Chiappe, Philadelphia, and John William Kroeger, Drexel Hill Plaza, Pa., assignors to Fred'k H. Levey Co., Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application May 22, 1946, Serial No. 671,666
4 Claims. (Cl. 106—30)

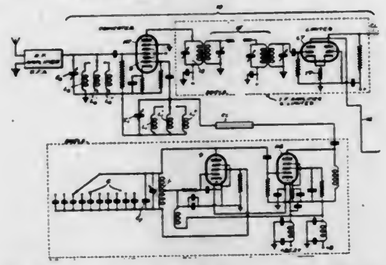
1. A printing ink consisting essentially of coloring material, a solvent consisting of an alkane diol containing five to eight carbon atoms inclusive and a resinous binder for the coloring material which is soluble in the solvent.

2,437,909
STORAGE MEANS FOR LIQUEFIED GAS
Howell C. Cooper, Sewickley, Pa.
Application November 27, 1945, Serial No. 631,021
11 Claims. (Cl. 62—1A)



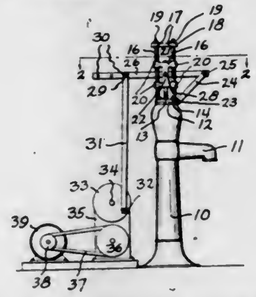
1. In combination with an earth cavity for the purpose described, a receptacle for liquefied natural gas within said cavity, said cavity having a vapor proof sheath including cooperative liner and cover portions and said receptacle having filling and withdrawing means extending through said sheath, and detritus within said sheath about said receptacle forming a matrix defining intercommunicating voids providing an aggregate volume sufficient to accommodate the contents of said receptacle substantially below the level of the surrounding earth.

2,437,910
RECEIVER AND WAVE MONITOR
Murray G. Crosby, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application March 24, 1943, Serial No. 480,281
14 Claims. (Cl. 179—171.5)



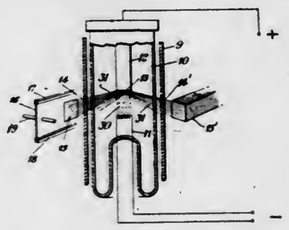
12. In a system of the class described, a converter tube having an anode and a cathode and having a control grid excited by current to be converted in frequency, an amplifier having circuits tuned to a fixed frequency and coupled to said converter, an oscillation generator the frequency of which may be changed in steps through a given range, and a frequency multiplier operative to produce at least one harmonic of the generated frequency coupling said oscillation generator to a control electrode of said converter tube, the steps through which the frequency of said generator may be changed being such that said currents exciting said control grid may fall in several frequency bands and yet provide current to said amplifier of a frequency within the range to which it is tuned.

2,437,911
PUMP JACK
Nicholas W. Franzkowiak, Schaller, Iowa
Application July 23, 1945, Serial No. 606,568
4 Claims. (Cl. 74—41)



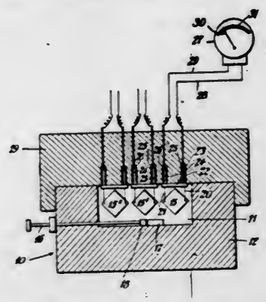
3. A pump jack mechanism comprising a lever pivotally attached to the pump rod, said lever having an extending portion, a fulcrum member pivotally attached at the extremity of said extending portion, a driving rod pivotally attached at the other end of said lever, means for driving said driving rod, a framework attached adjacent to said pump rod including a pair of vertical posts attached to the pump, a bearing member slidably engaged with said posts and pivotally attached to said lever, said posts being parallel to the pump rod, said bearing member including two pairs of spaced sliding bearings each pair of which receives one of said posts, means for varying the stroke and power of said lever including a plurality of openings at the end thereof to provide selective attachment of said driving rod therewith.

2,437,912
QUARTZ OSCILLATOR PLATE
Clifford Frondel, Flushing, N. Y., assignor to Reeves-Ely Laboratories, Inc., New York, N. Y., a corporation of New York
Application December 15, 1944, Serial No. 568,324
21 Claims. (Cl. 171—327)



1. In the manufacture of quartz oscillator plates, the improvement which comprises treating each oscillator plate with X-rays adapted to decrease its frequency of oscillation.

2,437,913
QUARTZ OSCILLATOR PLATE
Clifford Frondel, Flushing, N. Y., assignor to Reeves-Ely Laboratories, Inc., New York, N. Y., a corporation of New York
Application December 15, 1944, Serial No. 568,326
17 Claims. (Cl. 171—327)

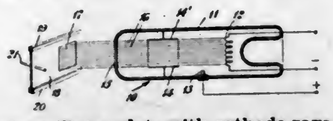


17. In the manufacture of oscillator plates the step comprising decreasing the frequency of the oscillator plate by treating the same with radiations from a radio-active substance.

2,437,914
QUARTZ OSCILLATOR PLATE
Clifford Frondel, Flushing, N. Y., assignor to Reeves-Ely Laboratories, Inc., New York, N. Y., a corporation of New York
Application December 15, 1944, Serial No. 568,328
16 Claims. (Cl. 171—327)

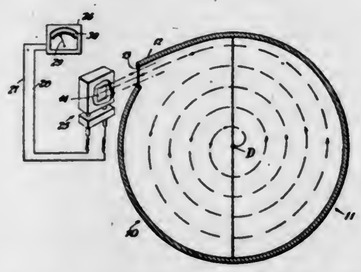
1. In the manufacture of quartz oscillator

plates, the improvement which comprises treat-



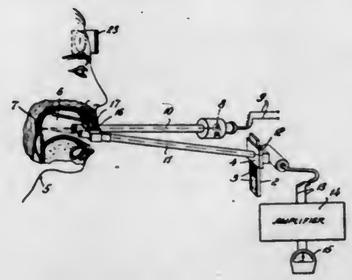
ing each oscillator plate with cathode rays adapted to decrease its frequency of oscillation.

2,437,915
QUARTZ OSCILLATOR PLATE
Clifford Frondel, Flushing, N. Y., assignor to Reeves-Ely Laboratories, Inc., New York, N. Y., a corporation of New York
Application December 15, 1944, Serial No. 568,329
16 Claims. (Cl. 171—327)



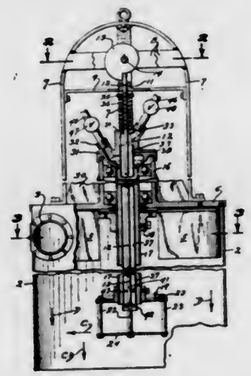
1. In the manufacture of quartz oscillator plates, the improvement which comprises bombarding each oscillator plate with high speed deuterons adapted to decrease its frequency of oscillation.

2,437,916
APPARATUS FOR EXAMINING LIVING TISSUE
Willard F. Greenwald, Woodmere, N. Y., assignor to Philip Morris & Company, Ltd., Inc., New York, N. Y., a corporation of Virginia
Application December 11, 1943, Serial No. 513,912
15 Claims. (Cl. 128—2)



3. An apparatus for determining changes in coloration of living tissue in the human throat comprising a support having means engageable by the teeth to determine the spaced relation of the support with reference to the throat of the patient, means for projecting a beam of light upon a selected portion of the wall of the oral cavity, means for transmitting light reflected from such portion of the wall, means for connecting the light-projecting and reflected-light-transmitting means to the support at one side of the teeth-engaging means for relative adjustment with respect to each other and with respect to said support, means for indicating the relative adjustments of said light-transmitting members, whereby they subsequently may be reset to the same relative positions, a photoelectric cell carried by the reflected-light-transmitting means and disposed in the path of reflected light transmitted therethrough, and means for measuring the electrical output of the photoelectric cell.

2,437,917
APPARATUS FOR PREPARING LIVESTOCK FEED
Charles Hoeh, Santa Rosa, Calif.
Application January 10, 1947, Serial No. 721,303
5 Claims. (Cl. 259—24)

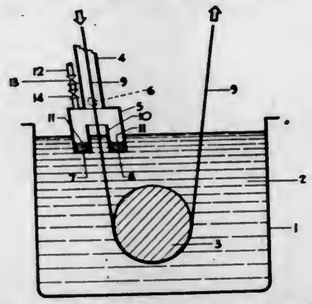


1. A mixing apparatus of the character described comprising a receptacle, a rotatable tube located centrally within said receptacle, propeller vanes attached radially to said tube in line of flow of material conveyed thereto under pressure, a distributer plate carried by said tube and positioned below and in alignment with the bottom end thereof and adapted to rotate therewith, said distributer plate and a portion of said tube disposed within said receptacle, a non-rotatable tube provided within said first named tube, means to control the introduction of additive material to said non-rotatable tube, and means to control emission of said additive material from said non-rotatable tube.

2,437,918
METHOD OF PRODUCING PENICILLIN
Robert B. McCormack, Milltown, N. J., assignor to E. R. Squibb & Sons, New York, N. Y., a corporation of New York
No Drawing. Application January 21, 1944, Serial No. 519,207
4 Claims. (Cl. 195—36)

3. The method of producing penicillin which comprises growing a penicillin-forming mold in submerged culture in a synthetic liquid nutrient medium including an ingredient of the group consisting of inorganic, water-soluble sulfites, bisulfites, metabisulfites, hyposulfites, and thiosulfates, which ingredient is included in amount capable of yielding a proportion of sulfite radical to medium of about 0.02% to about 0.65%.

2,437,919
PROCESS AND MEANS FOR IMPROVING THE ADHERENCE OF ALUMINUM COATINGS
Kasimir Oganowski, Franklin, Ohio, assignor to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio
Application July 19, 1945, Serial No. 605,990
7 Claims. (Cl. 117—114)

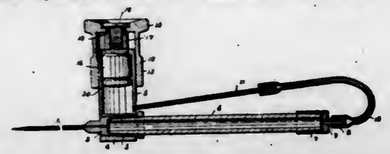


1. In apparatus for the purpose described, in combination with a container for a bath of molten coating metal, a hood terminating in a bell, an end portion of said bell dipping beneath said bath, said hood and said bell serving to protect metal to be coated from the external atmosphere while it is carried into said bath, and an open top container for alkali metal located within said bell and formed in part of the bell walls, including inward and upward extensions thereof, said container extending about said bell on the inside and serving to maintain alkali metal in heat exchange relationship to the metal of said bath, the top of said container being open and located in close proximity to the surface of the bath within said bell, and means for introducing alkali metal into said container through the bell wall without opening up said bell to the surrounding atmosphere, said means comprising means in connection with said bell for accepting said alkali metal, and means operable sequentially to close said last mentioned means to the atmosphere in said bell and open it to the external atmosphere for receiving said metal, and to close it to the external atmosphere and open it to said bell for admitting said metal to said bell.

3. In a process of coating ferrous metal articles with molten coating metal of a class consisting of aluminum and aluminum alloys in which the metal articles are passed through a hood into a bath of said molten coating metal, the steps of maintaining a protective atmosphere in the hood substantially non-oxidizing to ferrous metals and introducing an atmosphere containing alkali metal vapor between the surface of said bath of molten coating metal and said protective atmosphere.

2,437,920
VACCINATION SYRINGE
George N. Overton, Kingston, Jamaica, British West Indies, assignor of one-half to Robert Karl Nunes, Kingston, Jamaica, British West Indies
Application January 19, 1946, Serial No. 642,316
In Great Britain July 26, 1945
3 Claims. (Cl. 128—253)

1. A vaccination syringe, comprising a hollow needle, a tubular lymph reservoir extending from the butt end of the needle and communicating at one of its ends with the bore of the latter, a cylinder mounted on the syringe adjacent the butt end of the needle and disposed laterally of the axis thereof, a piston arranged for sliding movement in said cylinder, a screw-threaded member located close to the butt end of the needle, connected with the piston and engaging with a screw-threaded portion of the cylinder, and a tubular connection between the other end of the lymph reservoir and said cylinder, the



lymph alternatively being drawn into the reservoir through the needle or expelled at the needle point by rotating said screw-threaded member in one direction or the other to cause said piston to move in said cylinder to enlarge or reduce the air space therein which is in communication with the lymph reservoir.

2,437,921
PHENOL RECOVERY
Frank Porter, Syracuse, N. Y., assignor to Allied Chemical & Dye Corporation, a corporation of New York
Application December 28, 1940, Serial No. 372,062
12 Claims. (Cl. 260—621)

1. In the recovery of phenol from the vapor mixture formed by the vapor phase oxidation of benzene to phenol at elevated temperatures, the improvement which comprises washing the reaction vapor mixture containing phenol and water vapor with benzene at ½ to 2 atmospheres pressure and at a temperature above 50° C. at which there is no condensation of water from said vapor mixture, cooling the washed mixture to condense benzene and an aqueous condensate, separating the benzene and aqueous condensate, and using at least a part of the thus dewatered benzene as wash liquid for washing phenol from additional reaction vapor mixture.

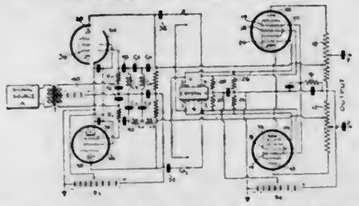
2,437,922
ROTOR FOR SYNCHRONOUS ELECTRIC MOTORS
Jay Rose, New York, N. Y.
Application April 15, 1947, Serial No. 741,615
1 Claim. (Cl. 172—120)



A rotor for a synchronous electric motor as described comprising a plurality of circular iron laminae and two outer identical copper rings, one on each side of the assembled laminae, said laminae having recesses in their rims forming spaced slots in the circumference of the assembled laminae axially thereof, each copper ring having outwardly extending radial arms including a tooth portion at the free end of each arm extending to one side of the arm and abutments formed in the rim integral with said arms at the bases thereof, said tooth portions and said abutments being radially alined on said rings, the tooth portions on one ring extending in a direction opposite to the tooth portions on the other ring, the arms of one of the copper rings being bent in one direction around the edges of the assembled laminae on the one side thereof and embedded in alternate slots in the laminae, the

arms of the other copper ring being bent in the opposite direction around the edges of the assembled laminae on the other side thereof and likewise embedded in alternate slots in the assembled laminae, the tooth portions on each of said rings engaging the laminae on the opposite side in circumferentially alternate positions to clamp said laminae between said tooth portions and the said abutments.

2,437,923
WAVE LENGTH MODULATION
George L. Usselman, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application February 18, 1944, Serial No. 522,878
7 Claims. (Cl. 179—171.5)



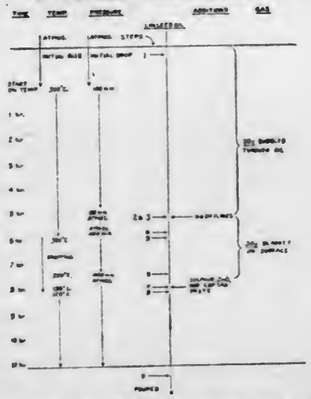
1. In a signalling system, an arrangement for modulating an oscillator of the regenerative type having two tubes each having a plurality of electrodes including a cathode a control grid and an anode-like electrode in a circuit including a piezo electric crystal having two pairs of terminals one of which pairs couples the control grids for differential operation and the other pair of which terminals couples the anode electrodes for differential operation, a pair of modulator tubes having output electrodes coupled differentially to corresponding electrodes of said first two tubes, and having input electrodes coupled to the generating circuits and excited through said last coupling by voltages of like phase displaced in phase with respect to the generated voltages, and a source of modulating potentials coupled to corresponding electrodes of the modulator tubes for differentially modulating the gains of the modulator tubes.

2,437,924
LIGHT-SENSITIVE ELEMENT FOR COLOR PHOTOGRAPHY
Arthur Wright, Forest Hills, N. Y., assignor to Keller-Dorian Colorfilm Corporation, New York, N. Y., a corporation of Delaware
Application July 27, 1944, Serial No. 546,760
7 Claims. (Cl. 95—2)



1. A device for obtaining multicolor pictures comprising a film having therein a transparent support and, accessible to a beam of transmitted light, both a layer of a light sensitive substance and, in light transmitting relationship to said substance between the support and the light sensitive substance, a layer of heterogeneously arranged substantially uniformly distributed fine closely adjacent particles of a pleochroic material in a substantially single particle thickness which exhibits orange, green and red colors, respectively, to polarized transmitted light according to the particular plane in the substance which is parallel to the plane of vibration of the polarized light.

2,437,925
PROCESS FOR MAKING RUBBER EXTENDERS
Laszlo Auer, South Orange, N. J., assignor to Ridbo Laboratories, Inc., Paterson, N. J., a corporation of New Jersey
Application April 18, 1942, Serial No. 439,513
24 Claims. (Cl. 260—399)



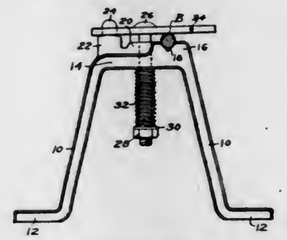
1. A process for making a rubber extender comprising heating a batch of linseed oil to a temperature in the neighborhood of 300° C. under a pressure considerably reduced from atmospheric pressure; for a period of several hours at said temperature and pressure, bubbling sulphur dioxide through the batch; then adding up to 5% sodium hydroxide to the batch at said temperature but under an increased pressure and maintaining said temperature for a period of at least one-half hour after addition of the sodium hydroxide; after addition of the sodium hydroxide again reducing the pressure for a period of time; effecting reduction in temperature of the batch, but without permitting the temperature to drop below about 120° C., adding sulphur to the batch, and vulcanizing the batch by maintaining the temperature thereof at from about 120° C. to 125° C.

2,437,926
CONTAINER
Charles O. Ball, Gerald L. Swope, and Franklin D. Scott, Toledo, Ohio, assignors to Owens-Illinois Glass Company, a corporation of Ohio
Application February 2, 1945, Serial No. 575,781
5 Claims. (Cl. 229—17)



1. A container comprising a rectangular body of sheet material and a plural ply top comprising flaps integral with the side walls of said body and folded inwardly therefrom, said flaps forming a bottom or inner ply, an intermediate ply and a top outer ply, said intermediate ply being adhered to the bottom ply and comprising a removable section unadhered to said bottom ply and integrally united to the adhered portion of the intermediate ply by weakened lines defining said removable section, said top ply comprising a hinged section adapted to be swung up and down, said hinged section being adhered to the said removable section of the intermediate ply for lifting the latter and severing it along said weakened lines when said hinged section is swung upward, said bottom ply and said removable and swinging sections each having an opening therethrough, the openings being in register to provide a pour opening, and a friction plug forming a closure for said openings, said plug being hinged to said removable section of the intermediate ply for swinging movement to and from position for closing said pour opening while the said hinged section of the top ply is in its down position and so that the plug is wthdrawn from the pour opening and swings as a unit with the swinging section when the latter is lifted, the plug having a marginal flange seated on the removable section and fitting within the opening in said swinging section, with the upper surface of the flange substantially flush with the upper surface of the said swinging section.

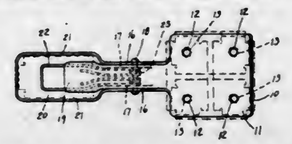
2,437,927
VALVE STEM FACING FIXTURE
Vernie R. Becker, Port Huron, Mich.
Application August 8, 1946, Serial No. 689,303
1 Claim. (Cl. 51—217)



A work holder comprising a flat bridge, a pair of legs connected to opposed ends of said flat bridge and diverging therefrom, said legs being adapted to be attached to a work bench, a V-shaped groove extending transversely on said bridge, a lug extending upwardly from said bridge and above the V-shaped groove, a reduced portion projecting from said lug whereby a shoulder is formed between said lug and said reduced portion, a leaf spring blade seated on said shoulder and having an opening, said reduced portion fitting withing said opening thereby retaining said blade on said shoulder, said blade overlying said V-shaped groove, and tension means for forcing said blade toward said V-shaped groove for gripping a work piece therebetween, said means including a tension bolt through said blade and bridge and extending into the space between said legs, a nut adjustably threaded on said bolt, and a coil spring about said bolt and extending between said bridge and nut whereby said nut adjusts the compression of said spring.

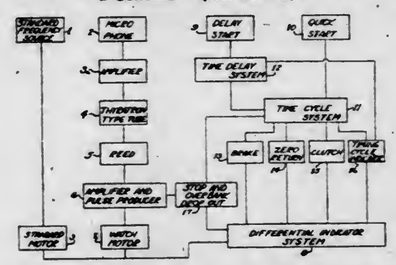
2,437,928
HOLDER FOR DOUBLE-EDGED WAFER TYPE BLADES
Clark F. Bennett, Montpelier, Ind.
Application July 21, 1944, Serial No. 545,965
4 Claims. (Cl. 30—338)

1. A razor blade mount for scraping and cutting purposes including a pair of substantially square outlined jaws having sides slightly less in length than the blade length, four pins carried by one jaw, the other having corresponding pin seating sockets, the pins being positioned relative to each other and the jaw edges so that any two adjacent pins are adapted to retain a blade between the jaws and expose a projecting blade edge therefrom as determined by said pins, handle means for said jaws and of a width appreciably less than that of the jaws and centrally



thereof for blade edge simultaneous exposure at opposite sides of the handle means and immediately adjacent same, and means constraining the jaws into blade clamping position, the blade edge being selectively exposable at any one of the four sides of the jaws.

2,437,929
TIMING APPARATUS
William Ogle Bennett, Jr., Lancaster, Pa., assignor to Hamilton Watch Company, Lancaster, Pa.
Application June 18, 1941, Serial No. 398,633
4 Claims. (Cl. 73—6)



1. In a device of the character described, a differential device adapted to be operated jointly by a current of a given frequency and one of regulated frequency, an indicator adapted to register the result of the operation of said differential device, automatic delay means adapted to maintain said indicator in inoperative relation with said differential device for a controlled period of time, automatically operated means adapted to link and maintain said indicator in operative relation with said differential device for a controlled period of time, means for positively holding said indicator in its final position and means for releasing said holding means.

2,437,930
PRODUCTION AND RECOVERY OF OLEFIN OXIDES
Ingolfur Bergsteinsson, Billings, Mont., and James R. Scheibli, Oakland, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application August 28, 1943, Serial No. 500,456
6 Claims. (Cl. 260—348.5)

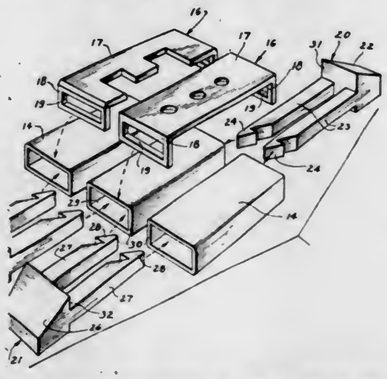
1. A continuous process for preparing ethylene oxide which comprises continuously subjecting an ethylene fraction containing ethylene and paraffin hydrocarbons to the action of oxygen at a temperature of between about 200° C. and about 360° C. in a reaction zone containing a silver catalyst prepared by reducing an ammoniacal silver solution in the presence of a silicon carbide support material, thereby forming a reaction mix-

ture comprising ethylene oxide, unreacted ethylene, paraffin hydrocarbons, oxygen and relatively minor amounts of by-products capable of poisoning the catalyst, continuously withdrawing said reaction mixture from the reaction zone and continuously contacting it with methyl alcohol at a temperature of from about −20° C. to about 0° C. and under conditions substantially inhibiting any reaction between the ethylene oxide and the methyl alcohol, thereby selectively extracting the ethylene oxide and the said undesirable by-products, distilling the resulting methyl alcohol solution to separate the ethylene oxide therefrom, and recycling that portion of the reaction mixture which does not dissolve in the methyl alcohol solvent to the reaction zone for further oxidation of the ethylene present to ethylene oxide, thereby increasing the yield of ethylene oxide and materially prolonging the catalyst life due to the removal of the undesirable by-products which are capable of poisoning the catalyst.

2,437,931
PROCESS OF INDURATING BOARDS OF FIBROUS MATERIALS
Hilding Olof Vidar Bergström, Stocksund, Gustaf Bristol Heijmer, Enebyberg, and Karl Gustaf Trobeck, Stockholm, Sweden
No Drawing. Application November 22, 1944, Serial No. 564,734. In Sweden May 14, 1943
2 Claims. (Cl. 117—149)

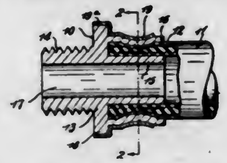
1. In the production of oil-hardened wood fiber boards, the process which comprises impregnating a wood fiber board with an oily product, comprising a distillate produced by distilling tall oil in a vacuum and collecting the distillate from the commencement of the distillation up to the point at which all of the tall resin oil and at least part of the tall fat acid have distilled off and the distillate is no longer capable of forming an emulsion with tenfold its weight of raw linseed oil and double its weight of water which emulsion is stable for at least 24 hours, then heat treating the so-impregnated board to produce drying and hardening of said distillate and consequent hardening of the board.

2,437,932
DECORATIVE CHAIN STRUCTURE
Abraham Blumstein, Forest Hills, N. Y.
Application March 29, 1945, Serial No. 585,476
7 Claims. (Cl. 59—80)



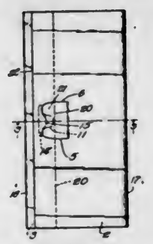
1. In a chain structure, in combination with a series of hollow members arranged side by side, a number of indicia elements each associated with one of said hollow members and having portions extending in juxtaposition to the ends of the member, and a number of link units for interconnecting said hollow members and securing the associated indicia elements thereto, each of said link units extending through a pair of contiguous hollow members and through the portions of the indicia elements juxtaposed to the ends of said contiguous hollow members.

2,437,933
HOSE FITTING
Joseph B. Brennan, Cleveland, Ohio
Application September 16, 1944, Serial No. 554,429
4 Claims. (Cl. 285—84)



1. In a hose connection, a hollow body having a polygonal portion and a pair of spaced coaxial inner and outer sleeve portions, a resilient hose having an end thereof extending into the space between said sleeve portions, and a deformable metal band surrounding said outer sleeve portion and having a polygonal portion engaging the polygonal portion of said body for holding the band against relative rotation, said band and outer sleeve portion being deformable and being annularly indented into said hose for connecting said body with the hose and sealingly pressing the latter against said inner sleeve portion.

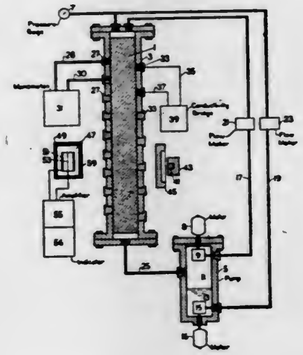
2,437,934
CLOSURE
John G. Brink, Evanston, Ill., assignor to Rand McNally & Company, a corporation of Illinois
Application April 14, 1945, Serial No. 588,274
2 Claims. (Cl. 229—84)



1. A closure for containers and the like, comprising a body portion; a first flap hingedly mounted on said portion and being made of flexible material and having a substantially W-shaped slit therein, said flap being continuous from the slit to the marginal edge opposite the hinged mounting and said slit forming on one side thereof a first tongue having on its outer edge a notch, and forming on the other side thereof a second tongue, and a second flap of flexible material hingedly mounted on said portion, said second flap having a substantially straight continuous marginal edge opposite its hinged mounting of a length greater than the width of the slit,

and said second flap having a slot therein spaced from its said marginal edge a distance less than the length of said first tongue, said slot being adapted to receive said second tongue, said flaps being movable between open and closed positions, said second tongue extending into said notch when said flaps are in open position, and said second flap having its said marginal edge traversing said first tongue when the flaps are in closed position whereby said first tongue may be inserted under said marginal edge of the second flap and said second tongue may be inserted in said slot.

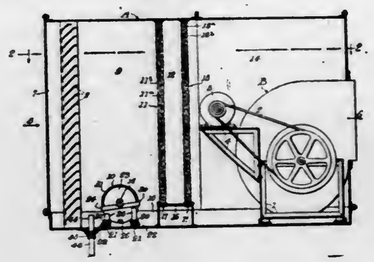
2,437,935
RADIOLOGICAL MEASUREMENT OF THE PERMEABILITY OF POROUS MEDIA
Eugene M. Brunner, El Cerrito, and Edwin S. Mardock, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
Application May 7, 1945, Serial No. 592,512
8 Claims. (Cl. 250—83)



1. In a method for determining the permeability at high pressures of a porous body with regard to a fluid flowing therethrough under polyphase flow conditions, the steps of confining said body in a zone maintained at a high pressure, simultaneously saturating said body with a plurality of fluid phases, at least one of said phases being a fluid containing hydrogen atoms, causing a fluid flow through said body, measuring the rate of said fluid flow, measuring the pressure drop occurring during said flow between points in said body spaced from each other along the line of said flow, subjecting said body to neutron radiation, detecting the neutrons slowed down within said body by collison with hydrogen atoms, and determining the saturation of said body with regard to said hydrogen containing fluid from the amount of the detected slow neutrons.

2,437,936
AIR CONDITIONING APPARATUS
Thomas W. Carraway, Dallas, Tex.
Application November 30, 1944, Serial No. 565,839
7 Claims. (Cl. 261—92)

1. In air conditioning apparatus, a duct; equipment for moving air through said duct; and means for creating in said duct a diffused volume of liquid, said means comprising a disc having a concentric groove in at least one of its faces, means providing a supply of liquid, means mounting said disc to rotate with a portion thereof including said groove running through said liquid, and means for rotating said disc, said groove having an outer annular wall substantially constituting a cylindrical surface whereby liquid picked up in said groove from said supply will gradually and progressively work its way laterally



to the grooved face of the disc thus retarding the discharging of part of the groove-held liquid from the disc and causing the character of the diffused liquid to vary progressively from a forceful spray of relatively coarse separated particles in one part of said duct to finely atomized liquid constituting a fog or mist in another part of said duct.

2,437,937
PROCESS FOR TREATING TOMATOES
David Childs, Albert E. Braun, and James Hanson, Sunnyvale, Calif., assignors to Libby, McNeill & Libby, Chicago, Ill., a corporation of Maine
No Drawing. Application March 29, 1946, Serial No. 658,229
4 Claims. (Cl. 99—186)

2. The process of treating tomatoes, which comprises immersing them in approximately a 60% solution of calcium chloride maintained at a temperature of approximately 280° F., and continuing the immersion treatment for a period of approximately fifteen seconds to sixty seconds depending on the maturity and variety of the tomatoes, and finally removing the exocarp freed by such immersion treatment.

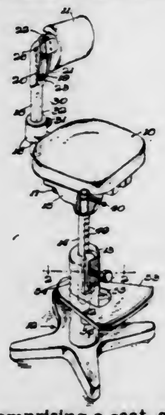
2,437,938
CATALYTIC OXIDATION OF SUBSTITUTED PYRIDINE BASES
Francis E. Cislak and William R. Wheeler, Indianapolis, Ind., assignors to Reilly Tar & Chemical Corporation, Indianapolis, Ind., a corporation of Indiana
No Drawing. Application May 31, 1941, Serial No. 396,175
7 Claims. (Cl. 260—295.5)

1. The process of producing a pyridine carboxylic acid by partial oxidation of an alkyl pyridine, which consists in subjecting the alkyl pyridine to partial oxidation in vapor phase with a mildly oxidizing oxygen-containing gas at elevated temperature in comparison with room temperature, in the presence of an oxidation catalyst essentially comprising an oxide of an element of the A sub-groups of groups V and VI of the periodic system, and in the absence of substantial quantities of contaminants which oxidize selectively with relation to the alkyl pyridine, and recovering the thus produced pyridine carboxylic acid.

2,437,939
PROCESS FOR THE CLARIFICATION OF FERMENTED LIQUORS
Ralph T. K. Cornwell and Donald S. Porter, Fredericksburg, Va., assignors, by mesne assignments, to American Viscose Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application August 6, 1943, Serial No. 497,686
1 Claim. (Cl. 260—637)

A process for the purification of fermented liquors comprising the steps of treating a fermented liquor with a water-soluble sulfide to precipitate iron as iron sulfide, dialyzing the liquor, treating the diffusate with a water-soluble salt of an alkaline earth metal to precipitate sulphates therefrom thereafter making the diffusate acidic and then treating the diffusate with oxalic acid to precipitate alkaline earth metals therefrom, decolorizing the diffusate by contacting it with an absorbent material, and filtering the purified diffusate.

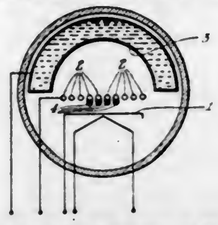
2,437,940
PIVOTED SPRING BACK REST
Roy A. Cramer, Harold W. Cramer, and Roy A. Cramer, Jr., Kansas City, Mo.
Application March 16, 1944, Serial No. 526,734
7 Claims. (Cl. 155—156)



2. A chair comprising a seat, supporting means for the seat, a member carried by and extending upwardly from said supporting means and provided at its upper end with a cut-away portion defining a hollow recess, a back-rest support having a hub portion pivotally mounted on said recessed member within the recess adjacent the upper end thereof, a leaf spring connected with said support and extending downwardly within the recess, said spring being operatively connected at its lower end with the recessed member, and a back rest carried by said support.

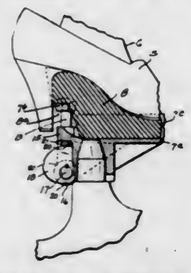
2,437,941
ELECTRON DISCHARGE TUBE WITH PARTIALLY COATED GRID
Eduard Gerardus Dorgelo, Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee
Application April 22, 1946, Serial No. 663,821
In the Netherlands April 11, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires April 11, 1962
3 Claims. (Cl. 250—27.5)

1. An electron discharge device comprising in successive arrangement a cathode, a grid and an anode, and gettering material covering solely



the cathode side of that portion of said grid in the vicinity of the central area of said cathode.

2,437,942
PAD SUPPORT FOR SHOE PRESSES
Ernest Dunford, St. Louis, Mo., assignor to Landis Machine Company, St. Louis, Mo.
Application December 23, 1946, Serial No. 717,946
6 Claims. (Cl. 12—33)



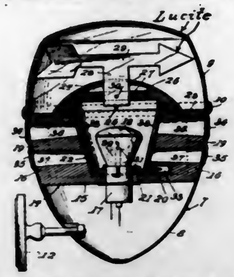
1. A shoe press pad support comprising a member adapted to receive a deformable cushion, a relatively narrow elongated cushion engaging segment having a depending pin slidably mounted in one end portion of said member, and a rotatable cam to adjust said segment relative to said member and having a series of indentations in its periphery to receive said pin to hold said segment in adjusted position.

2,437,943
PONTIC TOOTH
John B. Earman, West Palm Beach, Fla.
Application June 29, 1945, Serial No. 602,329
3 Claims. (Cl. 32—9)



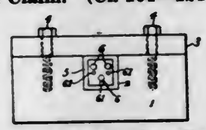
1. A dental pontic comprising an artificial tooth, a pin the head of which is fused to the center of the tooth on the lower half of the longitudinal axis thereof, a backing to fit a portion of the posterior surface of the tooth and a tube open at both ends secured to said backing to form a rigid support therewith for said tooth, said pin protruding from the posterior surface of the tooth at an acute angle to the upper half of the longitudinal axis for insertion into the open tube to which it is cemented for securing the tooth to the backing.

2,437,944
VEHICLE TURN SIGNAL
Charles E. Edwards, Santa Paula, Calif.
Application January 8, 1946, Serial No. 639,853
7 Claims. (Cl. 177—329)



4. A turning signal comprising a casing having a transparent wall portion, an arrow within the confines of said transparent wall portion, said arrow being formed of light-permeable material exposed to view throughout the length of said arrow, a light source in said casing and spaced from an edge portion of said arrow, opaque means in said casing shielding all but said edge portion of said arrow against direct rays from said light source, said opaque means including a hollow rotatably mounted member carrying said arrow and containing said light source, and means for turning said hollow rotatably mounted member to selectively turn said arrow to any of a plurality of signalling positions.

2,437,945
PRESS TOOL
Erich Engel, Tonteg, near Pontypridd, and Maks Salamon, Cardiff, Wales, assignors to Aero Zipp Fasteners Limited, London, England, a British company
Application July 23, 1946, Serial No. 685,752
In Great Britain December 18, 1944
1 Claim. (Cl. 164—124)

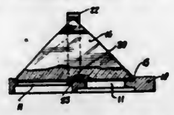


A press tool comprising a plurality of tool parts, a carrier, the said tool parts being set into said carrier by a fusible filling material, a tool head provided with a recess for receiving said carrier, a bridge plate, and means for releasably attaching said bridge plate to said tool head to close the recess in said tool head and thereby to clamp the said carrier to said tool head whereby the said carrier with the tool parts set therein is easily and quickly replaceable.

2,437,946
PLASTICIZED PROLAMINE COMPOSITION
Cyril D. Evans, Peoria, Ill., and Ralph H. Manley, St. Paul, Minn., assignors to United States of America, as represented by the Secretary of Agriculture
No Drawing. Application July 27, 1944, Serial No. 546,900
4 Claims. (Cl. 106—153)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A coating composition consisting essentially of prolamine as the essential film-forming ingredient thereof, and N-butyl lactamide as a plasticizer.

2,437,947
MOUNTING FOR AND INCLUDING OPTICAL REFRACTING MEANS AND METHOD OF FORMING THE SAME
Adin Daniel Falkoff, Brooklyn, N. Y., assignor to Universal Camera Corporation, New York, N. Y., a corporation of New York
Application February 17, 1944, Serial No. 522,828
14 Claims. (Cl. 88—1)



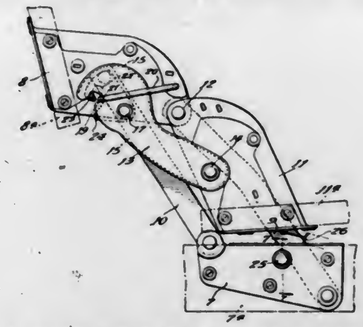
1. A method of mounting an optical element on a support for assembly in an optical instrument, which comprises superimposing a flat thermoplastic element upon the support, placing the optical element upon said thermoplastic element and adjusting the same thereon by movement substantially parallel to the plane of said thermoplastic element to its final position relative to the support, heating the thermoplastic element to soften the same, and producing in the softened thermoplastic element an impression of the base of the optical element to form a depressed recess defining continuous wall surfaces bounding the periphery of said base and adapted to separably maintain the optical element in said adjusted position thereof.

8. A mounting for and including a light refracting element comprising a supporting shelf having openings therein, a flat thermoplastic element extending on said shelf having openings registering with the openings of the shelf and portions in engagement with surfaces of the shelf to maintain the thermoplastic element in fixed position on the shelf, an optical refracting element having a base superimposed upon said thermoplastic element in optically adjusted position and separated thereby from the shelf surface, a depressed recess in the thermoplastic element for the base of the optical element defining continuous wall surfaces bounding the periphery of said base and separably retaining the optical element in its adjusted position, and means for maintaining the optical element in assembled relation with the thermoplastic element.

2,437,948
PRODUCTION OF BRANCHED CHAIN HYDROCARBONS CATALYZED BY A METAL HALIDE CATALYST SUPPORTED BY A COMPOSITE OF ALUMINA AND TITANIA
Eric William Musther Fawcett, Gwilym Islwyn Jenkins, and John Habeshaw, Sunbury-on-Thames, England, assignors to Anglo-Iranian Oil Company Limited, London, England, a British joint-stock corporation
No Drawing. Application May 10, 1943, Serial No. 486,424. In Great Britain March 4, 1942
4 Claims. (Cl. 260—683.5)

1. A catalyst for the isomerisation of normal aliphatic hydrocarbons, consisting of a volatile anhydrous metal halide in intimate association with a porous catalyst support consisting essentially of alpha alumina hydrate and a small proportion of titanium hydroxide prepared by partial dehydration of washed alpha alumina hydrate and titanium hydroxide precipitated in gel form from a mixed solution of an aluminium and a titanium salt the proportion of the titanium being in the range 5% to 25% of the total material of the support, the titanium content being reckoned as parts by weight of titanium dioxide in 100 parts of dry material.

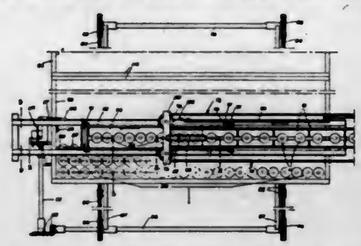
2,437,949
SOFA BED HINGE STRUCTURE
Martin Fox and George F. Hassel, Chicago, Ill., assignors to The Seng Company, a corporation of Illinois
Application December 8, 1944, Serial No. 567,149
6 Claims. (Cl. 5—47)



1. A convertible sofa bed hinge structure for a back section and a seat section comprising: a back plate, adapted to be secured to the back section, and provided with carrying arms for pivotally connecting said back plate to a supporting frame; a small latching finger fixed to the back plate; a seat plate hinged to said back plate and adapted to be secured to the seat section; a transfer pawl pivotally connected to the seat plate and having a large notch which opens downwardly to engage said latching finger when said plates are in sofa position, intermediate position, or between said positions; a disengaging notched tumbler pivotally mounted on said pawl adjacent to said pawl notch, the notch in said tumbler being shaped to provide an inner shouldered carrying portion to receive the latching finger whenever said finger is received by the inner portion of the pawl notch, and said tumbler notch having an outer throw-out portion to receive the latching finger when said finger is moved from the inner portion to the outer portion of the pawl notch, said tumbler having an integrally formed guard extending inwardly across the throw-out portion of the tumbler notch towards the carrying portion of the tumbler notch so that the finger can only enter said throw-out portion after it has entered said carrying portion of the tumbler, a detent on said tumbler adjacent to said carrying portion of the tumbler notch and extending downwardly beyond the lower edge of the pawl so as to engage the finger and move the notched portion of the tumbler above the pawl notch when said pawl is returning from disengaged bed-position; and means for urging the notched portion of said tumbler to swing downwardly from all positions of the pawl.

2,437,950
MACHINE FOR DISTRIBUTING FRUIT IN ROWS ON DRYING TRAYS
Norman E. Gaddini, Winters, Calif.
Original application May 1, 1944, Serial No. 533,548. Divided and this application March 5, 1945, Serial No. 581,036
18 Claims. (Cl. 226—14)

1. A drying tray loading machine comprising, in combination, a substantially horizontal driven conveyor on which cut fruit is adapted to be conveyed, means below said conveyor at one end thereof to support a drying tray for lateral movement, a fruit transfer shuttle mechanism mounted for movement beneath said end of the conveyor lengthwise thereof and transversely of the tray, means to reciprocate the shuttle mechanism, means operative to feed fruit from the conveyor



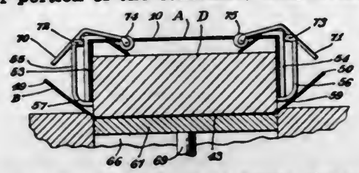
onto the moving shuttle mechanism in a row, and means to release the row of fruit from the shuttle mechanism onto the drying tray when said shuttle mechanism reaches a predetermined position relative to said tray.

2,437,951
FOLLOW-UP CONTROL
Sidney Godet, Albany, N. Y., assignor to General Electric Company, a corporation of New York
Application March 1, 1943, Serial No. 477,508
6 Claims. (Cl. 318—30)

1. A follow-up control comprising in combination, means for producing a periodically varying control voltage, electric valve means for amplifying said voltage, an electric motor supplied from said electric valve means, and stabilizing means comprising a resistance-reactance network included in the connections between said control voltage producing means and said electric valve means for supplying to said electric valve means a periodically varying voltage having the same periodicity as the periodicity of said control voltage and having a modulation envelope which is the first derivative of the modulation envelope of said control voltage.

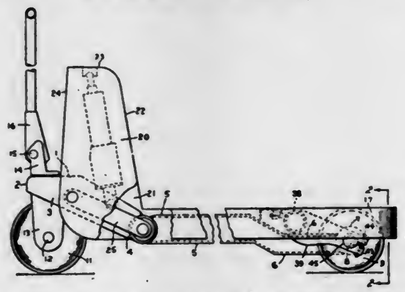
2,437,952
METHOD AND APPARATUS FOR PACKING CONTAINERS
Reynolds Guyer, St. Paul, Minn., assignor to Waldorf Paper Products Company, St. Paul, Minn., a corporation of Minnesota
Application March 3, 1945, Serial No. 580,808
20 Claims. (Cl. 93—3)

1. The method of packing a container having two box-like sections designed to engage in telescoping relation with the side walls of one section enclosing the side walls of the other section, the method consisting of placing in the larger section a plastic mass of a size to substantially fill the larger section, removing the plastic mass from the larger section and simultaneously admitting air between the plastic mass and the larger portion of the container, compressing the



mass and inserting the same within the smaller of the sections, and telescoping the sections.

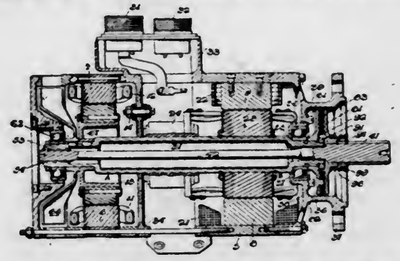
2,437,953
ELEVATING TRUCK
Russell Hastings, Jr., Wellesley, Mass., assignor to Lewis-Shepard Company, Watertown, Mass., a corporation of Massachusetts
Application January 17, 1945, Serial No. 573,283
17 Claims. (Cl. 254—10)



2. An elevating truck comprising a frame having a head provided with wheeled steering mechanism and having a transverse tubular torque-resisting bolster rigid therewith, a transverse shaft journaled in said bolster, a reach rigid with said torque-resisting bolster extending rearwardly therefrom having a relatively narrow rear end portion provided with a horizontal axle-housing, a rear axle mounted in said axle housing, rear wheels mounted on end portions of said axle, removable spacing means extending from the ends of said axle housing engaging the inner faces of the hubs of said rear wheels, means for raising and lowering said load supporting means including a pair of front links pivotally connected at their upper ends to the load supporting means and at their lower ends engaging the ends of said bolster shaft, and a rear link parallel to said front links having at its upper end a horizontal tubular torque-resisting means pivotally mounted on said load supporting means and located in proximity to the load supporting surface thereof and at its lower end mounted upon said axle and said spacing means acting in cooperation with the torque-resisting bolster to stabilize the load supporting means against distortion.

2,437,954
ACCESSORY DRIVE CONTROL
Clinton Hunter Havill, South Orange, N. J., assignor to Bendix Aviation Corporation, Bendix, N. J., a corporation of Delaware
Application January 30, 1943, Serial No. 474,163
3 Claims. (Cl. 74—574)

2. In a machine adapted to be rigidly mounted on and driven from a pulsating power source, a hollow cylindrical housing, a rotor rigidly mounted on a stiff tube, end bearings for said tube and supporting said rotor in said housing, a resilient drive shaft extending longitudinally in said tube and in spaced relation thereto, one end of said shaft being drivingly connected to and within one end of said tube and the other end of said shaft extending from the other end of said tube for an external driving connection, a constricted portion of said housing forming a shield at said other end of the tube, the other end of said tube extending through one of said end bearings and into said end shield, first and second plates positioned within said end shield, means drivingly connecting the first plate to said shaft, other means drivingly connecting the second plate to said tube, a coil spring encircling said shaft to bias one of said plates toward the other plate, one of said connecting means including a spline connection for permitting longitudinal movement of said one plate relative to the other plate under the biasing force of said coil spring so as to maintain a frictional driving relation between said plates to dampen torsional and lateral vibrations of said shaft, and said plates cooperating with said constricted portion of said housing in shielding said one end bearing.



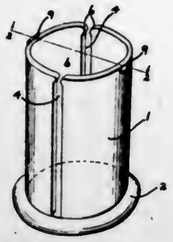
2,437,955
METHODS OF PRODUCING MOLDING COMPOUNDS COMPRISING FURFURYL ALCOHOL REACTION PRODUCTS
Herman I. Hersh, Toledo, Ohio, assignor to Owens-Illinois Glass Company, a corporation of Ohio
No Drawing. Application March 9, 1944, Serial No. 525,794
5 Claims. (Cl. 260—17.4)

3. The method which comprises mixing furfuryl alcohol and a carboxylic compound of the group consisting of maleic acid, maleic anhydride, fumaric acid, and oxalic acid, thereby forming a solution, mixing the solution while in liquid form with a lignin enriched lignocellulose filler material before any substantial polymerization of the alcohol, heating the mixture to a temperature of from 250 degrees F. to 350 degrees F. and reacting the material while held at said temperature from ½ minute to 15 minutes.

2,437,956
TOKEN HOLDER
Ernest R. Hessel, Spokane, Wash.
Application May 17, 1946, Serial No. 670,424
3 Claims. (Cl. 312—42)

1. A token holder comprising a body having a base and an annular wall extending upwardly therefrom, the wall being formed of resilient material and having opposed longitudinally extending slots leading from its upper end for receiving ears of tokens stacked in the body and dividing the wall into yieldable sections, and bosses integral with the wall sections and projecting to-

ward each other from opposite sides of upper ends of the slots for engaging ears of tokens in the



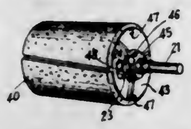
holder and preventing accidental movement of tokens out of the holder.

2,437,957
LATHE CENTER
Bartholomew Holohan, New York, N. Y., assignor to Nelpin Manufacturing Company, Long Island City, N. Y., a firm
Application June 23, 1944, Serial No. 541,678
1 Claim. (Cl. 82—33)



A center for the headstock of a lathe comprising a tapered body provided with a flat face at one end thereof, an axial bore extending into said body from the opposite end of this latter and defining a shoulder in the body, an axial center pin slidably mounted in the body with its end portions projecting respectively outwardly of said flat face of the body and into said bore, a collar on the end portion of said center pin which projects into the bore adapted to engage said shoulder to limit the outward movement of the center pin, a rod extending through the spindle of the lathe headstock having one end portion projecting into said bore and provided with a shoulder, a spring bearing against said shoulder of the end portion of the rod and said collar of the center pin to normally urge this latter to abut against the shoulder of the body, said end portion of the rod being threadedly mounted in the bore for adjustment longitudinally thereof into abutting engagement with the center pin to variably limit the amount of inward movement of the center pin in opposition to the spring.

2,437,958
FLOOR SURFACING MACHINE
William E. Holt, Oakland, Calif.
Application March 14, 1942, Serial No. 434,677
8 Claims. (Cl. 51—194)



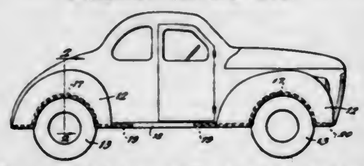
1. A replaceable cushioning device for a rotary drum having a cylindrical peripheral surface provided with a slot arranged lengthwise of and obliquely to the drum axis of rotation, which comprises two substantially semi-cylindrical relatively thin plates of substantially rigid material forming a two-part backing sheet shaped to fit around the peripheral surface of the drum with spaced oblique plate edge portions conforming with the edges of said slot, and a continuous layer of resilient material shaped to fit around the peripheral surface of said drum and cemented to the outer side of said backing sheet substantially throughout its extent.

2,437,959
POULTRY BLINDER CLIP
Milton Horowitz, Farmingdale, N. J., assignor to Harwood Company, Farmingdale, N. J., a firm composed of Milton Gene Harwood and Louis Jay Harwood
Application January 5, 1945, Serial No. 571,461
3 Claims. (Cl. 119—97)



1. A blinder for poultry comprising spaced outer vision obstruction portions and an intermediate bowed connecting portion, the vision obstruction portion having pointed extensions adjacent the ends of the connecting portion and in the space between the vision obstruction portions.

2,437,960
FENDER STRUCTURE
John T. Hughes, Chicago, Ill.
Application September 13, 1945, Serial No. 615,931
3 Claims. (Cl. 280—152)

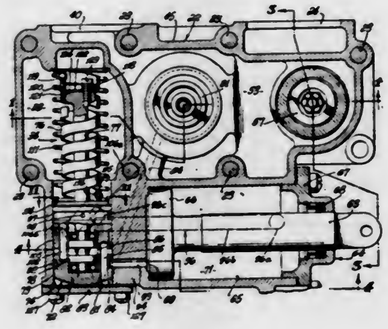


3. In combination with a rigid automobile body equipped with a running board, a pair of spring rods having laterally-extending portions secured to the bottom of said running board and having longitudinally-yieldable portions unsupported except by said board extending upwardly and longitudinally thereof, and a pair of resilient non-metallic webs in the shape of fenders, each having its inner side lying against and secured to said automobile body and having its outer edge spaced from said body, said outer edge of each fender being equipped with a rolled edge portion receiving the rod adjacent thereto, each of said rods having free end portions turned inwardly to support end portions of said fenders.

2,437,961
THERMOSTATIC SHUTTER CONTROL AND SURGE PROTECTION
Raymond W. Jensen, Los Angeles, Calif., assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Los Angeles, Calif., a corporation of California
Application March 12, 1945, Serial No. 582,318
11 Claims. (Cl. 236—35)

1. A combined temperature and overriding pressure control mechanism for a cooler for liquids, including means for passing a coolant in heat exchange relation to said liquid and means for varying the flow of said coolant, comprising:

a servomotor for operating said flow varying means; control valve mechanism for diverting a portion of said liquid into said servomotor for energizing the same, said control valve mechanism including a cylinder having connections with the heat exchanger for receiving liquid from a high pressure region thereof and discharging the liquid back to a low pressure region thereof, connections between said cylinder and said servomotor for delivering the liquid under pressure to one side of the servomotor and permitting liquid from the other side of the servomotor to return to the cylinder, a piston shiftable in said cylinder under pressure in said liquid above a predetermined value and adapted when thus shifted to direct the flow to said servomotor so as to effect the operation of said coolant flow varying means

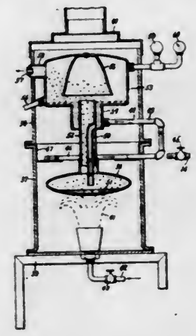


in a manner to substantially shut off the flow of coolant, and thermo-responsive valve means within said piston and operably connected therewith to control the flow through said connection to the servomotor when said piston is in a normal position determined by pressure in said liquid below said predetermined value, said thermo-responsive valve means being adapted, in response to one class of temperature condition, to assume a position in which it effects the circulation of the liquid through said connections to the servomotor in one direction for operating said flow varying means in one direction, and in response to temperature conditions of a different class, to reverse the connections to the servomotor and effect a reverse flow of the fluid to and from said servomotor, causing said flow varying means to be operated in the opposite direction.

2,437,962
COPOLYMERS OF ALLYL ESTERS OF POLYBASIC ACID WITH SATURATED MONOHYDRIC ALCOHOL ESTERS OF UNSATURATED POLYCARBOXYLIC ACID
Edward L. Kropa, Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application August 17, 1943, Serial No. 498,980
10 Claims. (Cl. 260—78.5)

1. A clear colorless resin which is a copolymer of a composition comprising as its sole polymerizable component a mixture of copolymerizable esters consisting of (1) a polyester of allyl alcohol with a polybasic acid and (2) a polyester of a saturated monohydric alcohol and an alpha, beta-unsaturated polycarboxylic acid, said mixture containing at least 5% of each polyester.

2,437,963
METHOD AND APPARATUS FOR PRODUCING AEROSOLS
Irving Langmuir and Vincent J. Schaefer, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York
Application March 24, 1943, Serial No. 480,302
6 Claims. (Cl. 252—359)



3. The method of suspending in the atmosphere minute particles less than about a micron in diameter of a material which is substantially non-evaporating at ordinary atmospheric temperatures which consists in converting said material at an elevated temperature into vapor and projecting said heated vapor into the atmosphere at a high velocity approximating the velocity of sound in said vapor, whereby said vapor by admixture with the relatively cooler atmosphere will be condensed within a few milliseconds of time in the state of desired minute suspended particles.

6. In apparatus for producing an aerosol, the combination comprising a heating chamber, a boiler within said chamber, means for applying heat to said boiler, a source of vaporizable fluid, means connected between said source and said boiler comprising preheat means positioned within said chamber above said boiler, a vapor chamber positioned in said heating chamber above said boiler and preheat means, a vertical vapor conduit connecting said boiler and said vapor chamber, said vapor chamber being provided with a member serving as a sump for collection of condensed fluid therein, and an orifice in communication with said vapor chamber for ejection of said vapor.

2,437,964
FINISH REMOVER COMPOSITION
Paul E. Marling, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application December 1, 1944, Serial No. 566,245
8 Claims. (Cl. 252—140)

1. A fluent finish remover suitable for removing paints, enamels, varnishes and lacquers comprising diethyl phosphite combined with a thickening agent miscible therewith, the proportion of said thickening agent being from 1% to 10% by weight of the weight of said phosphite.

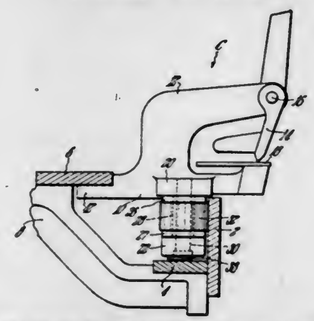
2,437,965
METHOD FOR RELAXING KERATINOUS FIBRES
Edwin B. Michaels and Bernard Lustig, Stamford, Conn., assignors to Lawrence Richard Bruce, Incorporated, Stamford, Conn., a corporation of Connecticut
No Drawing. Application January 18, 1944, Serial No. 518,774
8 Claims. (Cl. 132—31)

1. The method of relaxing keratinous material which comprises treating the same at room temperatures with a water-soluble bisulphite, at a pH between 5 and 6, the cation of which contains a mono-basic nitrogenous organic base having swelling-increasing properties.

2,437,966
INTERPOLYMER OF STYRENE AND FUMARODINITRILE PLASTICIZED WITH AN ALKYL PHTHALYL ALKYL GLYCOLLATE
David T. Mowry, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application April 26, 1944, Serial No. 532,871
3 Claims. (Cl. 260—36)

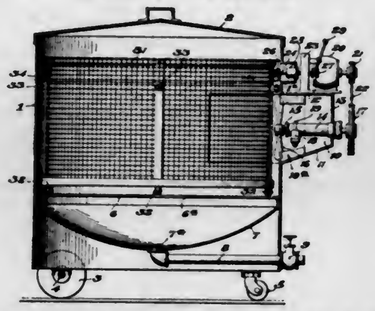
1. A plastic composition comprising an interpolymer consisting of styrene and fumarodinitrile, said interpolymer containing between 10% and 30% by weight of copolymerized fumarodinitrile and an alkyl phthalyl alkyl glycollate compatible therewith.

2,437,967
TENTER MACHINE CLIP
John C. Nash, Providence, R. I.
Application March 12, 1947, Serial No. 734,066
6 Claims. (Cl. 26—61)



1. A tenter clip comprising in combination, a body having a plate and a gate swingable relative thereto at the forward side thereof for clamping a web of material thereto, said body provided with a recess having an opening at the lower side of the body, a roll in said recess rotatable on a member therein and having a portion of its periphery extending below the lower face of the body for rolling along a lower horizontal portion of a rail below said clip and supporting said clip, upper and lower lugs extending outwardly from opposite ends of said body, links at opposite ends of the body having ends between said lugs, pivotal connections between the ends of said links and said lugs, and rolls between said ends of the links rotatable relative to said pivotal connections for rolling along a vertical portion of a rail at the forward side of said clip for guiding said clip.

2,437,968
WASHER FOR ARTICLES OR THE LIKE
John J. Palotsee, Youngstown, Ohio
Application March 17, 1947, Serial No. 735,185
17 Claims. (Cl. 68—148)



1. In a cleaning or washing machine, a cylindrical casing for fluid open at its top and having a bottom; a removable cover for said top; a false bottom within the casing disposed above the casing bottom and having a relatively large central opening therein; said bottom having a valved outlet therein; a rotatable open cylindrical basket within the casing seating upon the false bottom; a hollow lateral protuberance on the side of the casing above the false bottom having its sides communicating with the casing through relatively large openings therethrough; an impeller journaled within the protuberance adjacent one side thereof adapted to set up a swirling motion of the fluid above the false bottom; a motor; means actuated by the motor for rotating the impeller to swirl the fluid in one direction; and means actuated by the motor for rotating the basket in the opposite direction.

2,437,969
DEFORMABLE SWITCH
Nathan Paul, Long Island, N. Y., assignor to Elliott F. Barlow, Yonkers, N. Y.
Application January 24, 1946, Serial No. 643,059
7 Claims. (Cl. 200—86)

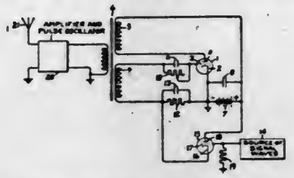


1. A switch comprising a compressible insulating cover; a tubular flexible electrode made of braided springy metal contained within the cover; a second electrode contained within the tubular electrode; and insulating spacer means positioned between and normally separating the two electrodes; said tubular electrode being compressible to establish contact with the second electrode when said insulating cover is compresed, and being restorable by the combined action of said insulating spacer and the natural resiliency of said flexible electrode to its original position when the pressure is released.

2,437,970
PULSE COMMUNICATION
Philip J. Reich, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York
Application October 11, 1944, Serial No. 558,149
5 Claims. (Cl. 179—171.5)

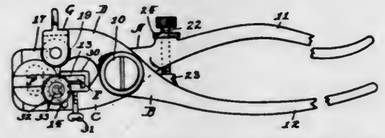
1. In combination, an electron discharge device including an anode circuit and a control elec-

trode circuit coupled to produce oscillations, a grid leak resistor and a capacitor connected in parallel circuit relation in said control electrode circuit, said capacitor and resistor having a time constant sufficiently large intermittently to interrupt said oscillations at a predetermined mean



repetition rate, a source of signal waves, a second resistor in said control electrode circuit, and means for impressing across said second resistor a signal potential derived from said source thereby to modulate said repetition rate in accordance with said signal.

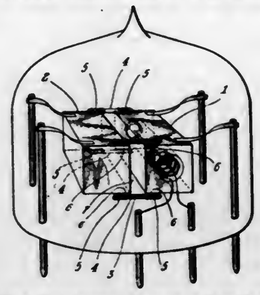
2,437,971
SKIVER
George W. Russell, Los Angeles, Calif., assignor of one-half to Philip V. Ames, Los Angeles, Calif.
Application February 13, 1947, Serial No. 728,273
3 Claims. (Cl. 69—20)



1. A skiver comprising a pair of scissor-like lever arms having a pair of cooperating work arms and a pair of hand operable power arms, a laterally disposed table supported on one of said work arms having a forward edge portion, a laterally disposed cutting blade having a cutting edge juxtaposed to said forward edge portion of said table, said blade being supported by said table supporting work arm, and a gauge roller rotatably supported on the companion work arm in spaced relation above the table, said table, knife blade and gauge roller being supported in outstanding position at one side of said work arm to provide unobstructed passage for the material as it is being skived.

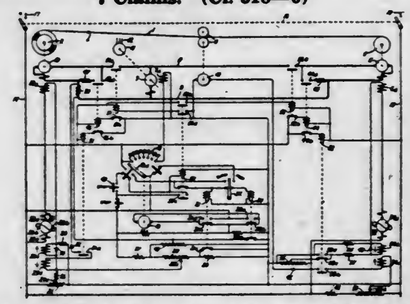
2,437,972
ELECTRODE SPACER FOR ELECTRON DISCHARGE TUBES
Gerrit Schmidt, Eindhoven, Netherlands, assignor to Hartford National Bank and Trust Company, as trustee, Hartford, Conn.
Application April 26, 1946, Serial No. 665,023
In the Netherlands June 16, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires June 16, 1964
5 Claims. (Cl. 250—27.5)

1. An electric discharge tube comprising an envelope, two electrodes within said envelope, means maintaining a fixed distance between said electrodes comprising a spacer having a metallic core, an insulating coating around portions of said core, metal members attached to said coating and insulated from said core by said coating, each of said metal members being attached to one of said electrodes, said spacer having a length between the points of attachment of said metallic pieces to said electrodes of the order of mag-



nitude of the distance of separation between said electrodes.

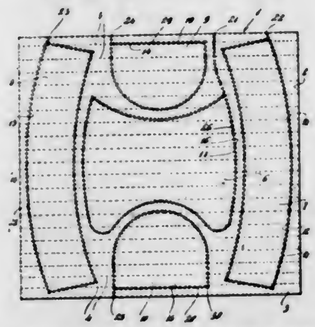
2,437,973
ELECTRICAL TENSIONING CONTROL SYSTEM
Anton W. Schmitz, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application December 28, 1945, Serial No. 637,675
7 Claims. (Cl. 318—6)



7. A control system comprising in combination, an adjustable voltage generator, a dynamo electric machine which is subjected to a constant power variable torque load and is connected to pump back to said generator, a pair of supply conductors, a voltage divider connected across said conductors, an excitation circuit for the field of said machine connected across said conductors, means for producing a reference voltage comprising a second voltage divider connected across said conductors, a potentiometer connected to said supply conductors, means for producing a signal voltage proportional to the armature current of said dynamo electric machine comprising a voltage drop resistor connected in the armature circuit of said machine and having one terminal connected through a selected portion of said potentiometer to one of said supply conductors, a contactor for short circuiting said portion of said potentiometer, an exciter having its armature connected in said excitation circuit and provided with a directional control field connected to be responsive to the difference of the voltages across said first voltage drop device and said selected portion of said first divider and provided with an opposing control field winding connected to be responsive to the difference of said signal and reference voltages for controlling said exciter to counteract changes in said armature current, means for decelerating said dynamo electric machine, and means responsive to operation of said decelerating means for opening said contactor to

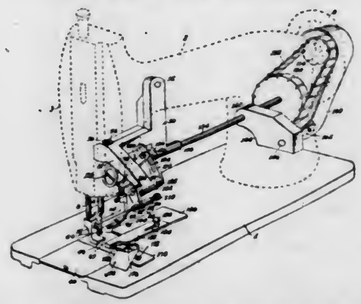
add the voltage across said portion of said potentiometer to said signal voltage thereby to effect a reduction in said armature current during deceleration.

2,437,974
GARMENT ARTICLE AND METHOD OF MAKING THE SAME
Frank M. Schwartz, New York, N. Y.
Application February 8, 1946, Serial No. 646,255
11 Claims. (Cl. 2—278)



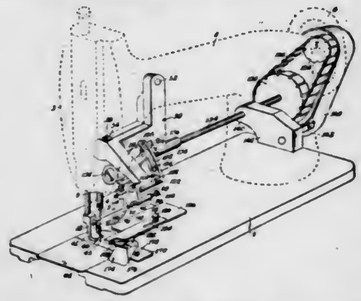
1. An article to be used in making component pieces of garments and the like, comprising a bag receptacle of any desired basic shape, and a filling of a non-matting material, the two faces of said bag receptacle being sealed together for each component piece to be derived from said bag receptacle, along a first line defining the predetermined final outline of the component piece, and along a second line outwardly paralleling said first line, both aforementioned lines being extended to at least one edge of the bag receptacle to provide a cutting path.

2,437,975
SEWING MACHINE AND ATTACHMENT THEREFOR FOR MAKING CROSS-STITCHES
Charles Seaman, Jamaica Estates, N. Y.
Application February 20, 1945, Serial No. 578,848
16 Claims. (Cl. 112—158)



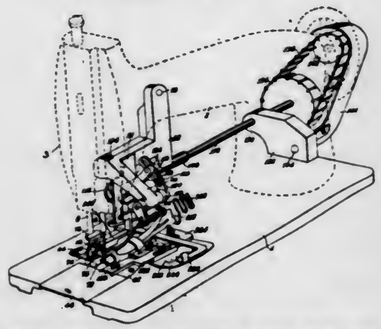
4. In a sewing machine having a head, a normally vertically reciprocating needle carried by said head, drive means including a shaft to actuate said needle, feed dogs and a presser foot cooperating with said feed dogs, a yieldingly mounted support, a needle pusher finger carried by said support and normally disposed laterally of and in spaced relationship to said needle, a pin carried by said support, and means actuated at predetermined times to engage and release said pin to thereby alternately shift said support and permit it to return to its original position whereby the needle pusher finger will alternately engage the needle and bend it below the shank thereof and release said needle.

2,437,976
HEMMED MATERIAL AND METHOD OF MAKING THE SAME
Charles Seaman, Jamaica Estates, N. Y.
Application February 20, 1945, Serial No. 578,849
10 Claims. (Cl. 112—262)



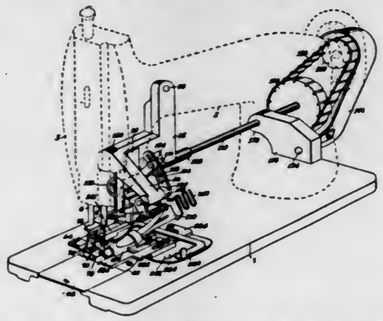
1. A method which comprises forming an edge fold in base material in which the original edge of the material is positioned intermediate top and bottom plies, stitching only the base material adjacent the inner edge of the edge fold with a single line of straight stitches without passing through any of the plies of the edge fold, and at predetermined intervals stitching through the edge fold and the base material to secure the plies of the edge fold to the base material.

2,437,977
BLIND-STITCHED PIPING AND METHOD OF PRODUCING SAME
Charles Seaman, Jamaica Estates, N. Y.
Application February 20, 1945, Serial No. 578,850
12 Claims. (Cl. 112—262)



3. The method of forming a blind-stitched piping which comprises feeding a binding material folded longitudinally thereof with at least one of the edges turned inwardly to form a top edge fold having at least top and bottom plies, bending the said folded binding transversely to the feed thereof, stitching with a vertically reciprocating needle through the bottom ply of the top edge fold at the bend thereof from the under surface thereof whereby the needle enters and emerges from said under surface of said bottom ply without passing through said top ply and without passing through the opposite edge portion of the binding, shifting said bend out of the vertical path of travel of the needle whereby the needle does not pass through the folded binding, thereafter at predetermined times inclining the needle to stitch through the opposite edge portion of the binding with a cross-stitch joined to said first stitch, and causing the needle to assume its normally vertical path of travel at a time to permit the bobbin thread to pass through the loop formed in making the cross-stitch.

2,437,978
SEWING MACHINE
Charles Seaman, Jamaica Estates, N. Y.
Application February 20, 1945, Serial No. 578,851
13 Claims. (Cl. 112—158)



1. A sewing machine comprising feed dogs, a normally vertically reciprocating needle, a folder to fold a binding longitudinally thereof with at least one of the edges turned inwardly to form a top edge fold having at least top and bottom plies, a presser foot under which the folded binding is passed for feeding by the feed dogs, means to position the bend of the edge fold in the path of travel of the needle whereby the needle will enter and emerge from the under surface of the bottom ply of said edge fold without passing through said top ply of said top edge fold and without passing through the opposite edge portion of the binding, means to position the folded binding out of the path of travel of the needle whereby the needle will not pass through any part of the folded binding, and means cooperating with said needle at predetermined times to form a cross-stitch passing through the opposite edge portion of the binding.

2,437,979
PIPING AND METHOD OF PRODUCING SAME
Charles Seaman, Jamaica Estates, N. Y.
Application February 20, 1945, Serial No. 578,852
3 Claims. (Cl. 112—262)



1. A piping comprising a binding material folded longitudinally throughout its length with at least the top edge turned inwardly to form a top edge fold having at least an inner and outer ply, a base fabric having an edge thereof positioned between the inner ply of said top fold and the opposite edge portion of the folded binding, said top edge fold and the opposite edge portion of the folded binding being secured by spaced cross-stitches passing through all the plies of the top edge fold adjacent the inner bend thereof, the base fabric and the opposite edge portion, said spaced cross-stitches being connected by a line of straight stitches which pass only through said base fabric.

2,437,980
CHLOROBENZALACETONE COPOLYMER
Raymond B. Seymour and David T. Mowry, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application April 15, 1944, Serial No. 531,282
6 Claims. (Cl. 260—63)

5. The process which comprises emulsifying in an aqueous solution a polymerizable mixture containing from 2% to 50% by weight of a compound having the general formula:

$$Ar.CH{:}CHC(=O).CH_3$$

where Ar is a phenyl radical containing at least one chlorine substituted in the ring, the balance of said polymerizable mixture consisting of material selected from the group consisting of (A) a compound having the structure:

$$CH_2{:}CR.CR'{:}CH_2$$

where R and R' are selected from the group consisting of hydrogen, chlorine and methyl and (B) a mixture consisting of (A) and sufficient styrene to supply from 5% to 30% of styrene in said polymerizable mixture and polymerizing said mixture by the application of heat thereto.

2,437,981
PHENOLIC RESIN ADHESIVE
John Thomas Stephan, Reino Alexander Jarvi, and Jacob Richard Ash, Seattle, Wash., assignors, by mesne assignments, to Monsanto Chemical Company, Seattle, Wash., a corporation of Delaware
Application October 4, 1944, Serial No. 557,204
5 Claims. (Cl. 260—57)



1. An improved water-soluble phenolic adhesive for making hot press plywood comprising the product of an initial reaction of a phenol having a distillation range between 180° and 220° C. and not containing more than 15% of at least one phenol selected from the group consisting of orthocresol, xylenol, and mixtures

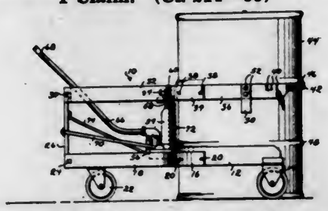
thereof, aqueous formaldehyde and caustic soda, in the range between 2.25 and 3.50 molecules of formaldehyde per molecule of the phenol and caustic soda in the range between 0.15 and 0.50 molecule per molecule of the phenol, said initial reaction product having added to it 0.15 to 0.50 molecule of caustic soda per molecule of the phenol so that the total caustic content lies in the range between 0.3 and 1.0 molecule per molecule of the phenol.

2,437,982

HYDRAULIC DRUM JACK AND CARRIER

Tim Tietsema, Oviedo, Fla.; Oleva I. Tietsema, administratrix of said Tim Tietsema, deceased, assignor of one-half to Oleva I. Tietsema and one-half to Olive M. Packard

Application June 19, 1946, Serial No. 677,779
1 Claim. (Cl. 214—66)



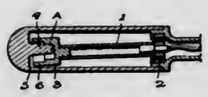
A device of the character described, comprising upper and lower superposed semi-circular bands, parallel superposed arms, outwardly extending arcuate shaped portions on said arms adapted to be secured to the front center of said bands, and extending forwardly thereof, jack means connected to said arms intermediate thereof and forwardly of said arcuate shaped portions, compression means connected to said arms on opposite sides of said jack, an upright secured to the forward end of said lower arm in vertical relation thereto, the forward end of said upper arm being pivotally connected to the upper end of said upright and means secured to the lower arms and lower band whereby articles supported on said upper band may be transported.

2,437,983

VIBRATOR

Harald Svenning Wenander, Riksby, Stockholm, Sweden, assignor to Vibro-Plus Corporation, New York, N. Y., a corporation of Delaware

Application March 24, 1945, Serial No. 584,594
In Sweden May 25, 1944
2 Claims. (Cl. 259—1)



1. In a vibrating device, a vibratory casing, a shaft rotatably supported at one end by and revolving about its axis within said casing, a weighted member fixed to said shaft having a surface of revolution forming a zone of contact with a surface of revolution fixed relatively to said vibratory casing, said weighted member being provided with a part projecting on one side of said zone of such mass as to substantially counterbalance the mass of said shaft on the other side of said zone with said zone serving as a fulcrum, and means for rotating said shaft and weighted member.

2,437,984

PROCESS FOR THE PREPARATION OF GAMMA-DIBUTYLAMINOPROPANOL

Arthur W. Weston, Waukegan, Ill., assignor to Abbott Laboratories, North Chicago, Ill., a corporation of Illinois

No Drawing. Application August 9, 1945, Serial No. 609,921
2 Claims. (Cl. 260—584)

1. The process of preparing the compound gamma-dibutylaminopropanol which consists of combining allyl alcohol with dibutylamine in the presence of a catalyst, selected from the group alkali metals.

2,437,985

PRODUCTION OF THIOKETONES

De Loss E. Winkler, Berkeley, and Seaver A. Ballard, Oakland, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application June 16, 1944, Serial No. 540,750
14 Claims. (Cl. 260—607)

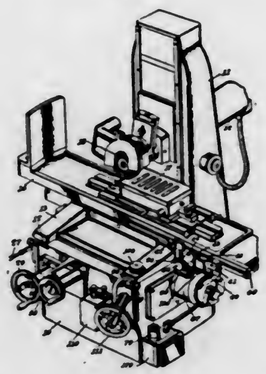
1. A process for the production of thioisophorone which comprises reacting isophorone with hydrogen sulfide in the presence of an activated bauxite at a temperature of about 500° C.

2,437,986

CROSS-FEED MECHANISM

Stephen E. Woodbury, Beverly, Mass., assignor to Reid Brothers Company, Inc., Beverly, Mass., a corporation of Massachusetts

Application September 21, 1945, Serial No. 617,712
9 Claims. (Cl. 51—2)



1. In a feed mechanism, the combination of a main frame, a slide movable on the frame and serving to effect relative cross movements between a cutting tool and a work piece, a rotatable screw and a rotatable nut engaging the screw, one of the last said elements being rotatably connected with the slide and axially movable in unison therewith and the other of the said elements being rotatably connected with the frame and held against axial movement whereby rotation of either element relative to the other causes movement of the slide, means for rotating the screw intermittently relatively to the nut to effect cross feeding movements of the slide, manually operable means for rotating the nut relatively to the screw to effect cross movements of the slide supplemental to those effected by

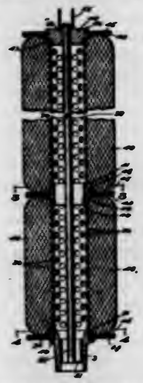
rotation of the screw, frictional means for resisting the rotation of the nut under frictional drag of the screw, and means for establishing a positive rotary connection between the nut and screw.

2,437,987

SPACER AND PROTECTOR FOR YARN-HOLDING DEVICES

Harry C. Wolfenden, Attleboro, Mass.

Application April 24, 1945, Serial No. 590,070
1 Claim. (Cl. 68—198)



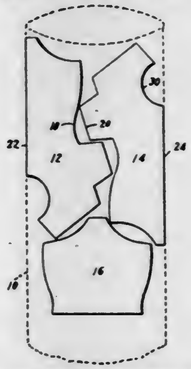
An openwork spacer and protector for yarn-holding tubes comprising a hollow hub, having an interior diameter corresponding to that of the tubes to be held and spaced, said hub having flanges to interlock with adjacent tubes adapted to abut on the hub, said hub having radially extending rods attached at their outer perimeter to an encircling rod, said encircling rod being of a diameter to protect the yarn carried by said tubes and to permit free flowing of liquid or air thru the center of the tube and into the end portions of the yarn adjacent said radial rods.

2,437,988

GARMENT

William W. Artzt, New Rochelle, N. Y., assignor, by mesne assignments, to Lisle Mills, Inc., Allentown, Pa., a corporation of Pennsylvania

Application July 12, 1945, Serial No. 604,571
3 Claims. (Cl. 2—80)



1. A garment of the class described comprising a single piece of fabric including an entire rear panel and front halves of a waist portion, said panel having a neck opening and being folded upon itself along lines which meet the neck opening at points below the center line thereof whereby said halves will lie on the upper portion of the panel with the adjacent edges in aligned overlapping relation, a lower front portion permanently secured adjacent its side edges to the edges of the lower portion of the panel, said lower front portion having its upper edge folded over upon itself to simulate a front belt portion.

2,437,989

GARMENT AND METHOD OF MAKING THE SAME

William W. Artzt, New Rochelle, N. Y., and Ely Lesavoy, Allentown, Pa., assignors to Lisle Mills, Inc., Allentown, Pa., a corporation of Pennsylvania

Application January 29, 1946, Serial No. 643,996
1 Claim. (Cl. 2—78)



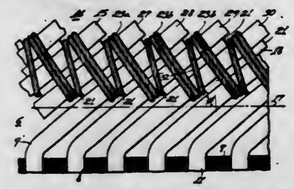
The method of forming a garment of the character described from a fabric tube flattened along lines midway of the portions thereof which are to constitute the front and back of the garment, comprising cutting out portions of the superimposed layers of fabric substantially below the upper end thereof to constitute the complete armholes, severing both layers of the flattened tube on a contoured line above the armholes to form the front and back neck portions of the garment with shoulder straps therebetween, severing both layers of the flattened tube on a contoured line at a predetermined point below and remote from the armholes to form the bottom of the garment, securing the cut-out portions of the fabric to each other and to one of said flaps, and securing separable attaching means to the said portions adjacent the free edge thereof and complementary separable attaching means to the other of said flaps, whereby the said portions will provide a crotch pocket portion when the attaching means are secured to each other.

2,437,990

DYNAMOELECTRIC MACHINE

John S. Askey, Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania

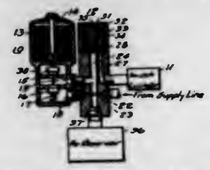
Application July 28, 1945, Serial No. 607,642
3 Claims. (Cl. 171—252)



1. A dynamo-electric machine having a rotor member and a stator member, the stator member having a cylindrically bored core having winding-receiving slots, a winding having coil-sides in said slots and having a plurality of layers of end-winding portions, each end-winding layer comprising a continuous circle of spaced, substantially straight end-winding portions, inclined at an

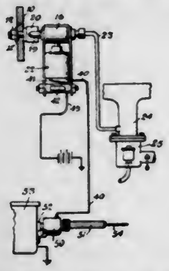
acute angle with respect to the tangent of a circle passing through all of the straight end-winding portions of that layer, one or more arch-bound rings of short spacers disposed in the spaces between the successive spaced, substantially straight end-winding portions of each end-winding layer, all of the spacers which are comprised in any ring of arch-bound spacers being disposed at substantially equal distances from the end of the core, and a roping-means for each arch-bound ring of spacers, each roping-means comprising a plurality of groups of a plurality of turns of twine for binding each spacer in place between its adjacent straight end-winding portions, each group of a plurality of turns of twine extending at substantially right angles across $(n+1)$ straight end-winding portions, so as to bind n spacers, where n is greater than one, successive groups of twine-turns encircling groups of $(n+1)$ straight end-winding portions and including a common end-winding portion or portions.

2,437,991
CONTROL APPARATUS
Cyril E. Baston, Irwin, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 12, 1943, Serial No. 478,898
4 Claims. (Cl. 121—38)



1. In control apparatus, in combination, a fluid-operated device, an electromagnetically operated valve for controlling the flow of a fluid to and from said device, and valve means disposed between said magnet valve and said device for delaying the operation of said device for a predetermined time interval after the operation of said magnet valve, said valve means having an enclosed reservoir of a fixed volume detachably connected thereto and a pressure-operated valve member for controlling the flow of fluid from said reservoir to said device and from said device to atmosphere.

2,437,992
CARBURETOR ATTACHMENT FOR CONSERVING FUEL
Barney Bennett, New York, N. Y.
Application August 14, 1945, Serial No. 610,718
2 Claims. (Cl. 180—82.1)

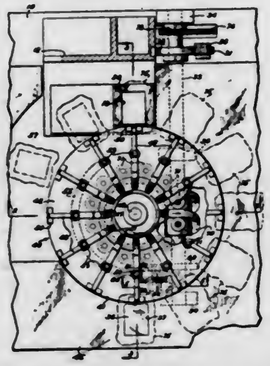


1. In combination with a motor vehicle having a conventional intake manifold through which air is normally supplied, means for supplying additional air to said motor, said means including a valve, an air intake for said valve, means for adjusting the opening of said valve, means for yieldingly holding said valve in closed position, a magnet for opening said valve, a circuit, a centrifugal switch for closing said circuit when said vehicle reaches a predetermined speed and a mercury switch adapted to break said circuit when the front of said vehicle is on a higher plane than the rear thereof.

2,437,993
FLUORINATION OF ACYCLIC OLEFINIC COMPOUNDS
Anthony F. Benning, Woodstown, N. J., and Joseph D. Park, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 12, 1946, Serial No. 683,140
20 Claims. (Cl. 260—653)

1. The process of adding fluorine to a double bond of an acyclic olefinic compound which consists of carbon and at least one of the members of the group consisting of hydrogen, chlorine, bromine and fluorine which comprises mixing, in a reaction vessel at a temperature below 0° C., at least 0.5 mole of the olefinic compound and at least 5 moles of HF with one mole of a member of the group consisting of Co_2O_3 and MnO_2, closing the reaction vessel, causing the temperature to rise above 0° C. to that at which the reaction proceeds rapidly, maintaining the mixture at at least the latter temperature until the reaction is complete and then separating the products.

2,437,994
BLANKING APPARATUS
Charles M. Beyer, Flemington, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application March 5, 1946, Serial No. 652,182
1 Claim. (Cl. 164—20)

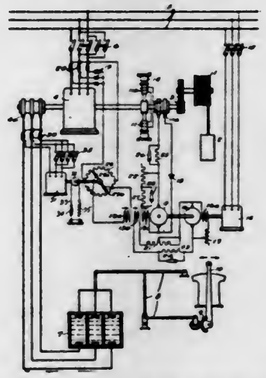


A blanking apparatus comprising a blanking die having an opening of a given contour, an actuatable companion punch therefor, a table having a recess therein spaced from the punch and die, a locating target similar in contour to the die opening disposed in the recess, a spider, mounted for rotation between the target and the punch and die, including a support having an upper surface, a hub mounted centrally of the support, and equally spaced radially extending fingers pivotally carried by the hub and having widened ends normally urged toward the upper surface of the support to grip and firmly hold materials selectively located on the target, a drive shaft, means operated by the shaft to intermittently rotate the spider the distance between the radial centers of the fingers to feed the materials successively between the punch and die, means adjacent the target operated by the shaft to lift the adjacent finger from the support for the location of the next material on the target and to free the finger to grip the material prior to the next rotary movement of the spider, means operated by the shaft to move the punch through an operating cycle to blank a portion from the material positioned between the punch and die leaving the scrap of the material gripped by the adjacent finger and support, and means to move the fingers to free the scrap after they leave the punch and die.

2,437,995
SELENIUM RECTIFIERS
Wayne E. Blackburn, Wilkinsburg, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application November 10, 1943, Serial No. 509,818
5 Claims. (Cl. 175—366)

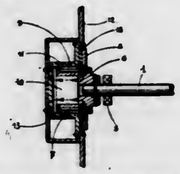
1. The process of making selenium units which comprises depositing a layer of selenium on a metallic plate, forming a contact layer on the free surface of said selenium, annealing the unit thus formed and thereafter applying a direct-current voltage across the selenium in a direction tending to send current in the high resistance direction while maintaining the temperature of said unit at about 155° C., said voltage having an initial value below the maximum which said unit must stand in the reverse current direction in service, and being gradually raised to a value higher than said maximum.

2,437,996
INDUCTION MOTOR CONTROL BY ELECTRIC BRAKE
Herbert Stirling Carnegie and Harry Dolan, Stafford, England, assignors to The English Electric Company Limited, London, England, a British company
Application December 15, 1945, Serial No. 635,352
In Great Britain January 29, 1945
10 Claims. (Cl. 318—302)



1. In combination, an alternating-current motor having a wound rotor, a control means for said motor comprising a resistance circuit connected to said rotor and adjustable means for controlling the resistance of said circuit, an electromagnetic brake for said motor having a brake winding, electric means connected to said field winding to supply energization therefor and having two opposingly acting control windings so that said energization is controlled in dependence upon the differential value of the excitation of said respective control windings, circuit means connected to one of said control windings for providing it with reference excitation, and circuit means connected to said other control winding and associated with said control means for exciting said other control winding substantially in accordance with the motor speed, whereby said brake winding is energized when said speed exceeds a value determined by said reference excitation.

2,437,997
WINDING DEVICE FOR CINEMATOGRAPH FILMS AND OTHER APPLICATIONS
André Marie Bernard Charlin, Montrouge, France
Application September 17, 1945, Serial No. 616,881
In France April 9, 1945
3 Claims. (Cl. 242—55)



1. A winding device for cinematographic films comprising a winding shaft, bearings supporting said shaft, driving means at one end of said shaft, a hub support fixed at the other end of said shaft, a disk made of magnetic material and a hub made of non-magnetic material having a low coefficient of friction fixed on said hub support, a plate made of non-magnetic material having a low coefficient of friction applied on said disk, a magnet presenting a magnetic pole at either end of its axis housed inside said hub, a dome-shaped reel hub having a peripheral flange and being disposed on the hub of said shaft in such a manner that the bottom of said reel hub is maintained in spaced relation from the end of said magnet while said flange is forced against said plate by the magnetic attraction of said magnet on said reel hub, a disk secured to the outer edge of said flange, a reel body fixed on said reel hub, and means on said reel body for securing the end of the film to be wound on.

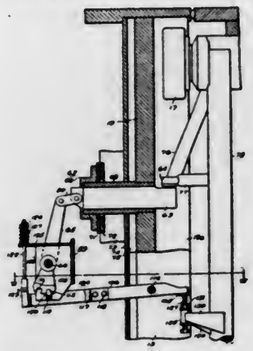
2,437,998
BETA-HALOGENATED UNSATURATED NITRILES
Albert M. Clifford and Joy G. Lichty, Stow, Ohio, assignors to Wingfoot Corporation, Akron, Ohio, a corporation of Delaware
No Drawing. Application November 29, 1940, Serial No. 367,772
3 Claims. (Cl. 260—464)

3. As a new chemical compound, a nitrile having the structural formula

$$\begin{matrix} HC{=}C{-}CN \\ | \quad | \\ X \quad R \end{matrix}$$

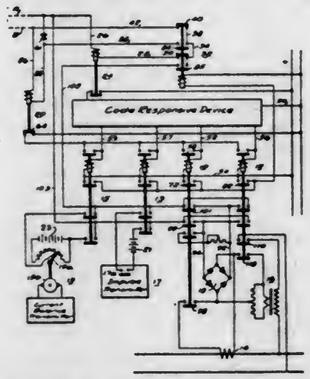
wherein X is a halogen atom and R is a radical of the group consisting of alkyl, halo alkyl, aryl, aralkyl, and alkoxy radicals.

2,437,999
LOCKING APPARATUS FOR ELEVATOR PLATFORMS
Charles A. Dana, North Plainfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application February 28, 1946, Serial No. 650,950
9 Claims. (Cl. 187—75)



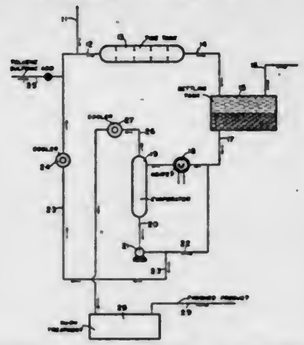
1. In an elevator for serving a floor, a hoisting means for the elevator, dead stop means disposed at the floor for positively stopping the elevator thereat, locking means mounted at the floor for locking the elevator to within a predetermined distance of the floor, and interlocking means responsive to movement of the elevator a predetermined distance from the dead stop means while the locking means is in its locking position for preventing unlocking operation of the locking means.

2,438,000
TELEMETERING SYSTEM
Willard A. Derr, Wilkinsburg, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 31, 1945, Serial No. 625,906
7 Claims. (Cl. 177—351)



1. In a remote signalling system for control and remote stations connected by a signalling channel, transmitting means at the remote station operable to energize the channel with a voltage of one polarity variable in accordance with a condition to be indicated, receiving means at the control station responsive to said energization of the channel, control means at the remote station responsive to a flow of current through the channel in excess of a predetermined value which is greater than that produced by the voltage at the remote station operable to effect disconnection of the transmitting means from the channel, an asymmetric conducting means connected across the channel intermediate the control means and the transmitting means to provide a path of predetermined impedance for a voltage of reverse polarity from the control station, and means at the control station operable to effect energization of the channel with a voltage of said reverse polarity and of sufficient value to produce a current through the control means in the same direction as that produced by the transmitting means and of sufficient value to operate the control means.

2,438,001
TOLUENE SULFONIC ACID TREATMENT OF AROMATIC HYDROCARBONS
Ralph L. Dockendorff, Goose Creek, Tex., assignor to Standard Oil Development Company, a corporation of Delaware
Application April 19, 1946, Serial No. 663,417
9 Claims. (Cl. 260—674)

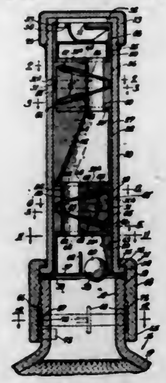


1. A method for treating an unfinished normally liquid fraction comprising a major portion of aromatic hydrocarbon and a minor portion of unsaturated straight chain hydrocarbon contaminant including the steps of mixing said fraction in a liquid state with a sufficient quantity of substantially anhydrous toluene sulphonic acid to form an admixture which will separate into at least two phases upon settling, settling of said admixture to separate it into two immiscible layers one of which is a toluene sulphonic acid layer, withdrawing said toluene sulphonic acid layer and distilling said withdrawn toluene sulphonic acid layer to recover therefrom a finished aromatic fraction substantially free from said contaminant.

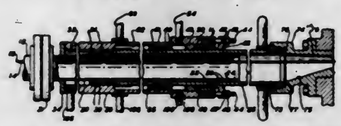
2,438,002
MEASURING DEVICE WITH GRAVITY OPERATED VALVES
William H. Duggan, Chicago, Ill.
Application February 3, 1944, Serial No. 520,899
13 Claims. (Cl. 222—456)

1. A fluid measuring device for a bottle or the like comprising a body having an inlet communicating with the interior of the bottle and an outlet through which fluid is adapted to be discharged, a first valve assembly comprising a pair of valves, means for mounting said pair of valves

at said inlet for movement transversely of the longitudinal axis of said body and angularly toward each other, and a second valve assembly comprising a second pair of valves, means for mounting said second pair of valves at said outlet for movement transversely of the longitudinal axis of said body and angularly toward each other.



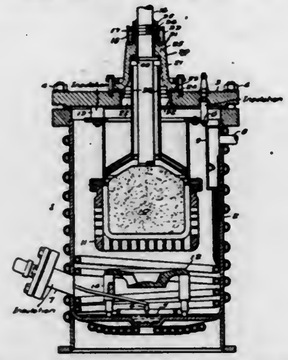
2,438,003
CLOSURE
Karl C. Edwards, Chase, and David D. Jones, Towson, Md., assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application September 13, 1945, Serial No. 616,012
4 Claims. (Cl. 18—6)



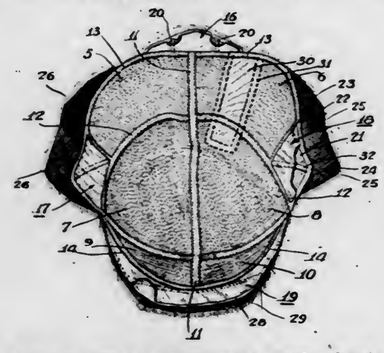
4. In a continuous extrusion and vulcanization apparatus including an extrusion head and a vulcanizing tube, the combination of an adapter designed to be secured to the outlet of the extruding head and having a conical socket in the outer end thereof, a gasket seated in the adapter, a reciprocable tube having a conical plug on the end thereof adjacent to the adapter and designed to cooperate with the gasket and the conical socket in the adapter to form a pressure-tight joint, said reciprocable tube also being provided with an annular piston formed thereon, an annular cylinder designed to be secured to the end of the vulcanizing tube in which the reciprocable tube slides for enclosing the annular piston, piston rings mounted upon the piston to form pressure-tight joints with the vulcanizing tube and the piston, and means for introducing a fluid under pressure on either side of said piston to move the reciprocable tube either toward or away from the adapter.

2,438,004
LEAD-IN BUSHING FOR VAPOR ELECTRIC DEVICES
Max Garbuny and William Elmer Pakala, Pittsburgh, Pa., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application February 24, 1947, Serial No. 730,280
3 Claims. (Cl. 250—27.5)

1. A vacuum electric device comprising a metallic container having an opening therein, an electrode in said container, a heavy glass bushing mechanically secured to said container and embracing said opening, an electrode stem extending through said bushing and mechanically attached thereto whereby said electrode and said stem are supported on said container by said bushing, a substantially annular insert embedded in said bushing adjacent the opening in said container, said insert composed of a metal readily wetted by glass and having a coefficient of expansion closely matching the glass, one edge of said insert being integrally united to the container to provide a vacuum-tight seal between said container and said bushing, a second substantially annular insert in said bushing, the edge of said second insert being integrally connected to said stem to provide a vacuum-tight connection between said stem and said bushing.



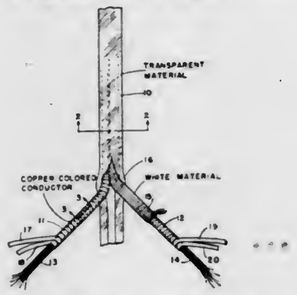
2,438,005
WIG CONSTRUCTION
Samuel J. Goldman, Philadelphia, Pa.
Application April 4, 1946, Serial No. 659,541
8 Claims. (Cl. 132—53)



2. A masculine wig covered with short hair comprising a substantially hemispherical scalp portion of closely woven silk fabric covered with hair, a pair of side fastening portions at either side of said scalp portion so as to be located in front of the ears, a forehead fastening portion attached at the middle of the front of the scalp portion, and a nape fastening portion connected to the rear of the scalp portion and extending substantially from one side fastening portion to the other, said forehead and side fastening portions being formed of at least two layers of fish

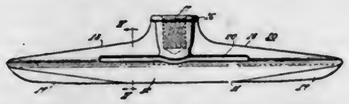
skin, a layer of open mesh netting overlying at least one of said fastening portions and having relatively short hair attached to it and projecting beyond it generally parallel to the plane of the netting so that the hair lies closely against the head of the user in a natural manner.

2,438,006
ELECTRIC CORD
Gilbert E. Gustafson, River Forest, Ill., assignor to Zenith Radio Corporation, a corporation of Illinois
Application June 5, 1944, Serial No. 538,731
4 Claims. (Cl. 174—112)



1. A flesh-colored cord for people of the white race comprising, in combination, a pair of conductors encased in a transparent plastic material, one of said conductors being of copper color and the other conductor being covered with whitish material whereby the assembled cord has a color resembling flesh color.

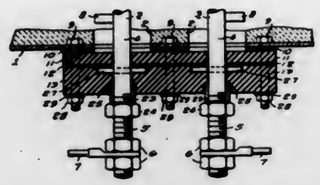
2,438,007
TROLLEY CONDUCTOR DEVICE
Raymond P. Hanna, Wilkinsburg, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application September 7, 1945, Serial No. 614,944
7 Claims. (Cl. 191—43)



1. A trolley conductor support comprising, a unitary die-cast body having an elongated channel portion with depending lips arranged to be peened about a trolley conductor, a support boss, and an elongated web joining the boss and the channel portion throughout the length of the channel portion, said web having an elongated recess adjacent the junction with the channel portion to facilitate bending the channel portion about a conductor.

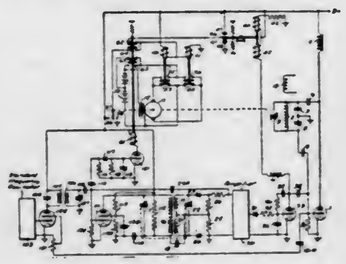
2,438,008
GAS-TIGHT SEAL AND TERMINAL FOR ELECTRIC FURNACES
John G. Hoop, Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 12, 1946, Serial No. 640,783
3 Claims. (Cl. 174—151)

1. A terminal structure primarily for an industrial electric furnace, comprising the combination with a metallic wall-portion for said furnace, a terminal conductor insulatedly passing through a hole in said wall-portion, said conductor having a threaded outer end, and a plurality of spaced bolts; of a plurality of facing insulating boards, each having a central hole, said holes being coaxial, said conductor passing through said coaxial holes, means associated with said bolts, for gas-tightly holding said plurality of boards against said wall-portion, a first of said



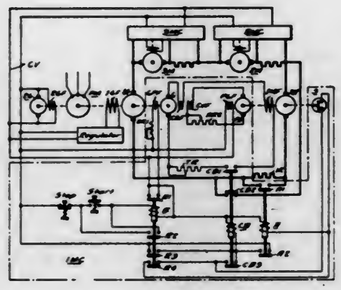
boards having an elongated groove extending from the central hole in said first board, said groove being in a side of said first board, which is adjacent the second of said boards, a transverse extension associated with said conductor and lying in said groove, said hole having an enlarged portion and packing therein, and means comprising a nut screwed on said threaded end of the conductor for compressing said packing for sealing said hole-means against gas-leakage.

2,438,009
CONTROL SYSTEM
Theodore P. Kinn and David R. Tashjian, Baltimore, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 17, 1945, Serial No. 583,293
2 Claims. (Cl. 250—36)



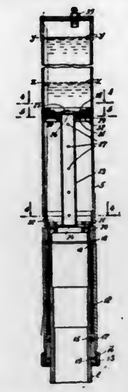
2. In combination with an oscillation generator having a tank circuit embodying an adjustable reactance, a motor for adjusting said reactance, a second oscillation generator, means for beating the frequency of said first oscillation generator and said second oscillation generator, means for impressing the beat frequency thus obtained upon a discriminator having a resonant circuit and having an output voltage which reverses polarity when said impressed voltage passes through the resonant frequency of said resonant circuit, relay means responsive to departure of said beat frequency from said resonant frequency for controlling said motor to make its direction of rotation dependent upon the polarity of the output voltage and said discriminator when said beat frequency departs from said resonant frequency by less than a predetermined amount, a limit switch for said variable reactor, said relay means making the direction of rotation of said motor dependent on the position of said limit switch when said departure is greater than said predetermined amount.

2,438,010
ELECTRIC MOTOR CONTROL SYSTEM
George E. King, Swissvale, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 16, 1944, Serial No. 563,754
5 Claims. (Cl. 318—270)



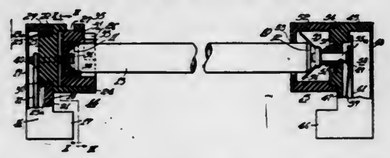
5. In an electric drive, the combination of, a motor having an armature winding and field winding means, a resistor in series with said armature winding, an acceleration relay for shunting said resistor upon energization thereof, a contactor normally shunting said armature winding and resistor which contactor when energized removes said shunt, means for producing a constant electrical current connected in circuit with said motor armature and resistor, means for producing a constant electrical potential, a run relay which when energized connects said means for producing a constant electrical potential to said field winding means to effect normal running operation of said motor, a brake relay which when energized reversely connects said means for producing a constant electrical potential to said field winding means, means including electrical interlocks for the run and brake relays for selectively operating said relays over a complete cycle of operation of the motor, means for producing a variable electrical potential which varies according to the counter voltage of the motor, a voltage relay for connecting the means for producing a variable electrical potential to said field winding means in opposition to said constant potential as applied by said run relay, when said variable potential reaches a certain value, means forming a part of said brake relay for deenergizing the voltage relay upon operation of the brake relay, means for energizing the run relay, means forming a part of the run relay for energizing said contactor, means forming a part of said run relay and said contactor for energizing said accelerating relay, means forming a part of the accelerating relay for maintaining said contactor energized when the run relay is deenergized, a switch responsive to the speed of operation of the motor for maintaining the accelerating relay energized independently of the run relay until the speed of said motor reaches a certain low value, means for deenergizing the run relay, means forming a part of the run relay and operable upon deenergization thereof to energize said brake relay, said switch opening at said certain low motor speed to deenergize the accelerating relay, thereafter said contactor and brake relay drop out in the sequence named.

2,438,011
SHOCK ABSORBING STRUT FOR AIRCRAFT
Thomas Knox, Newtown, Pa., assignor, by mesne assignments, to Kaiser Fleetwings, Inc., a corporation of California
Application May 1, 1945, Serial No. 591,389
8 Claims. (Cl. 267—64)



1. A shock absorbing strut for aircraft comprising telescoping cylinders, the outer cylinder being partially filled with a liquid, a diaphragm in the outer cylinder having an opening, a metering tube of lesser diameter than the opening secured to the inner cylinder and having a plurality of longitudinally spaced metering orifices, the uppermost orifice being in the otherwise closed upper end of the metering tube and communicating directly with the space above the diaphragm when the strut is extended, and a valve associated with the diaphragm and adapted to seal and unseal the opening about the tube as the latter moves inwardly and outwardly with respect to the outer cylinder.

2,438,012
LAMP HOLDERS
Alfred H. Laidig, Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application July 20, 1945, Serial No. 606,149
10 Claims. (Cl. 176—32)

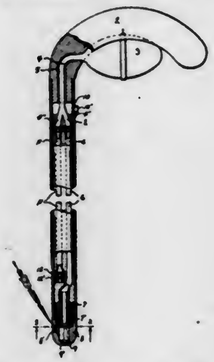


1. In a discharge tube lighting system, the combination with a gaseous discharge tube having a contact element at each end thereof, of a pair of lamp holders for supporting and conducting current to the tube, one of said lamp holders having a receptacle portion disposed to receive one end of the tube and operable to mechanically lock the end of the tube in said holder and embodying a switch actuated by said receptacle portion for controlling the energizing circuit for the tube, and the other of said lamp holders embodying a switch actuated to its closed position when the other end of the tube is inserted into the holder for controlling the tube circuit.

2,438,013
TREATED STEEL SHEET AND PROCESS
Robert R. Tanner, Detroit, Mich., assignor to The Patents Corporation
No Drawing. Application July 22, 1940, Serial No. 346,810
12 Claims. (Cl. 29—195)

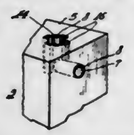
1. A ferrous sheet having thereon a plating not over .0001'' thick of metal of the group consisting of cadmium, nickel, lead, and copper, and having the plating covered with a thin glassy coating formed by baking thereon a solution containing hexavalent chromium and the PO_4 radical.

2,438,014
TRICK WALKING CANE
Bernard V. Lukowitz, Milwaukee, Wis.
Application July 12, 1946, Serial No. 683,237
2 Claims. (Cl. 135—47)



2. In a hollow stemmed cane having an offset handle; a ferrule therefor, comprising a chambered tip having an orifice in communication therewith, a cored plug communicating with the orifice tip, a discharge check valve carried thereby, a squeeze bulb fitted to the cane handle, a tube communicating with the bulb and ferrule, a second tube section in communication with the first mentioned tube and an intake suction valve nipple carried at the end of said last mentioned tube section.

2,438,015
SHUNTED BRUSH
Clarence Lynn, Wilkinsburg, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 10, 1945, Serial No. 572,125
1 Claim. (Cl. 171—325)



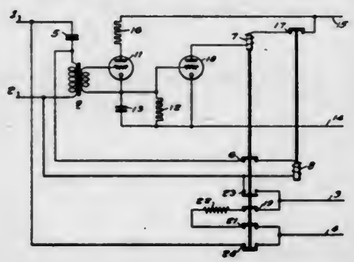
A brush of an electrically conducting composition-material having a fluted hole extending into its top end, said hole having one or more flutes or grooves in its side, a side-hole communicating with a lower portion of said fluted hole, a metallic coating on the walls of said fluted hole, a shunt including a flexible metallic cable extending into said fluted hole, and a soldered connection between said cable and said metallic coating, said flutes or grooves extending approximately straight down along the side of the hole, and having solder therein.

2,438,016
SAFETY SHOE AND PROCESS OF MAKING THE SAME
Harry G. McMurray, Wakefield, Mass., assignor to Safety Box Toe Company, Holliston, Mass., a corporation of Massachusetts
Application January 27, 1947, Serial No. 724,556
5 Claims. (Cl. 36—17)



4. A safety shoe comprising a welt insole, an upper including a steel toe box, welt strips terminating at approximately the tip line of the shoe, a flat toe plug extending between the welt strips and completing the general welt contour of the shoe, an outsole sewn to the welt strips and toe plug, and metallic fastenings securing the toe portion of the outsole in the shoe bottom.

2,438,017
CONTROL SYSTEM
Slavo J. Murcek, Duquesne, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 3, 1945, Serial No. 580,762
5 Claims. (Cl. 177—352)



2. In a transfer relay for connecting an outgoing line to an incoming line in response to initiating signals of a predetermined character, a first relay having an energizing winding connected in series with a first pair of separable contacts across said incoming line, a second relay having an energizing winding connected in series with a second pair of separable contacts which are opened in response to the energization of said first relay, and acting when energized to open said first separable contacts, an electrical discharge tube having a control electrode and having its principal electrodes connected in series with said second relay winding and said second separable contacts, a condenser shunted by a resistor connected to impress its voltage on said control electrode, means responsive to energization of said incoming line to charge said condenser, and means for causing energization of said second relay to connect said outgoing line to said incoming line.

2,438,018
PROCESS FOR TREATING HYDROCARBONS
Alan C. Nixon and David Louis Yabroff, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Original application October 16, 1943, Serial No. 506,612. Divided and this application June 10, 1946, Serial No. 675,843
10 Claims. (Cl. 196—44)

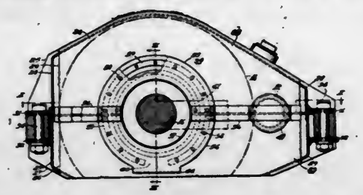
1. In a process for treating a mixture comprising predominately hydrocarbons with an aqueous alkaline treating liquid to effect the separation of components of said mixture which are soluble in the treating liquid from components which are not soluble therein, in which process two phases are produced, a first phase comprising predominately hydrocarbons and a second phase comprising predominately aqueous alkaline treating liquid and at least a substantial portion of components of said mixture which are soluble therein, in which process a relatively stable dispersion of one phase in the other is produced, the improvement comprising the method of reducing the stability of such a dispersion which comprises effecting said treatment in the presence of from about 0.001% to about 1% by volume of said treating liquid of an organic surface-active agent which forms a dispersion itself of particles at least as small as of colloidal dimensions in said aqueous treating liquid, which is substantially insoluble in said mixture and which is a salt of a fatty acid containing between 8 and 14 carbon atoms per molecule.

2,438,019
METHOD FOR PREPARING FUMARIC NITRILE
Henry A. Pace, Akron, Ohio, assignor to Wingfoot Corporation, Akron, Ohio, a corporation of Delaware
No Drawing. Application July 23, 1946, Serial No. 685,781
12 Claims. (Cl. 260—464)

1. A method of preparing fumaric nitrile which comprises heating a mixture of fumaramide, phosphorus pentoxide and a powder of a metal having an electropositive potential less than that of each of the alkali metals and alkali earth metals.

2,438,020
GEAR HOUSING
Rawdon E. Rambo and John E. Pastoret, Wilkinsburg, Pa., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 25, 1944, Serial No. 560,303
8 Claims. (Cl. 74—606)

1. The combination with a motor having a shaft with a pinion thereon for driving a gear, of a stationary end cap positioned about the shaft between the pinion and the motor and having a peripheral groove, and a housing for the gear and pinion comprising opposed sections separable along a line through the shaft and having an opening on the motor side to receive a portion



of the end cap with the edges thereof positionable in the peripheral groove.

2,438,021
ETHYLENE-POLYHALOETHYLENE REACTION PRODUCTS
John Richard Roland, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application August 12, 1943, Serial No. 498,425
10 Claims. (Cl. 260—654)

1. The compound

$$ClCH_2CH_2CH_2CH_2CCl{=}CCl_2$$

4. A mixture of compounds of ethylene and a halogenated ethylene containing at least three halogen atoms of atomic weight greater than 30 said mixture being obtained by the process of claim 7 and the compounds of said mixture containing a chain of two to one hundred ethylene units, a terminal valence of the chain being satisfied by a halogen atom of atomic weight greater than 30 and the other terminal valence of the chain being satisfied by the radical obtained by removing a halogen atom from the halogenated ethylene.

7. Process of forming compounds of the formula

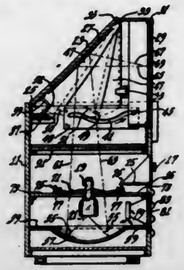
$$X(CH_2CH_2)_nCR{=}CRR$$

wherein X and two of the R's are halogen of atomic weight greater than 30, the remaining R being selected from the class consisting of hydrogen and halogen of atomic weight greater than 30 which comprises reacting ethylene at a pressure of 20 to 1000 atmospheres with a polyhaloethylene having at least three halogens of atomic weight greater than 30 at 25–150° C. in the presence of a catalyst having two directly linked oxygen atoms.

2,438,022
PROJECTION DEVICE FOR TELEVISION APPARATUS
Henry McD. Rundle, Moorestown, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application March 22, 1945, Serial No. 584,095
8 Claims. (Cl. 88—24)

1. A viewing structure for image projection apparatus comprising a cabinet base member, a closure element hinged to said cabinet base member, and a planar viewing screen and support frame unit having one lateral edge hinged to said cabinet closure element, a cam slot positioned on said cabinet base member for guiding the opposite free edge of the viewing screen and support frame unit, and a slidable connection between the free edge of the said screen and support frame and the guide track for positioning the said viewing screen so that its planar surface is in substantially

ly a vertical viewing position when the cabinet closure member is opened to the operating position relative to a predetermined path along which optical images are adapted to be projected from



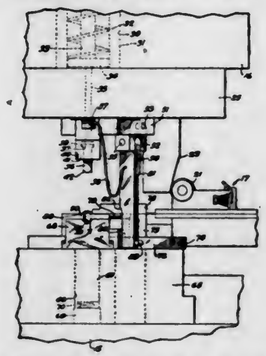
within the cabinet base member and also for locating the said viewing screen in a plane substantially parallel to the closure element when the said closure element is closed upon the cabinet base member.

2,438,023

APPARATUS FOR CUTTING WIRES AND FORMING AND ATTACHING A SLEEVE THERETO

Emil Sirp, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application September 15, 1943, Serial No. 502,495
11 Claims. (Cl. 29—33.5)



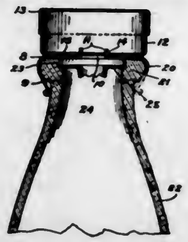
1. An article forming apparatus for severing a length of wire from a supply thereof and forming and attaching a sleeve to the length of wire comprising wire feeding means, strip material feeding means, a ram, means actuated thereby and operable to actuate both of said feeding means, a tool supporting block positioned to cooperate with said ram, cooperating shearing tools on the block and ram for shearing lengths of wire and strip fed to the tools by the separate feeding means, cooperating forming tools on the ram and block for wrapping the sheared length of strip material around the wire to form a sleeve thereon, clamping tools on the ram and block for clamping the wire during the forming operations, and means for releasing one of said clamping tools to resiliently clamp the wire on the operating stroke of the ram, including a cam member mounted on the ram, a latch for normally holding the clamping tool in inoperative position, and means on the latch engageable by the cam member to operate the latch.

2,438,024

MILK BOTTLE UTILITY DEVICE

Joseph Stransky, Chilton, Wis.

Application January 26, 1946, Serial No. 643,736
5 Claims. (Cl. 215—101)



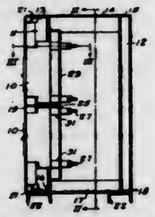
5. A milk bottle utility device comprising, a sheet metal closure cap having integral resilient fingers formed for coaction with the brim of a standard milk bottle to firmly position the cap against the bottle top and also having a medial pouring opening and integral hooks adjoining the opening, and a sheet metal money receptacle cooperable with said hooks to detachably fasten the receptacle to the cap and to thereby seal said opening.

2,438,025

SWITCHBOARD

William R. Taliaferro, Edgewood, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania

Application February 10, 1944, Serial No. 521,809
5 Claims. (Cl. 175—307)



1. In a switchboard structure having a supporting framework, a front panel removably attached to the framework, and a metal pan secured to the framework and spaced from the panel for supporting a plurality of apparatus units, in combination, horizontal and vertical metal barriers extending between the panel and the pan and secured to said pan and disposed between the apparatus units to isolate each unit from the other units and reinforce the pan, said pan having a plurality of openings therein, terminal studs for the apparatus units disposed in said openings, insulating means for spacing the studs and the apparatus units from said pan, means for securing the studs to the pan, and means for connecting the apparatus units to the studs.

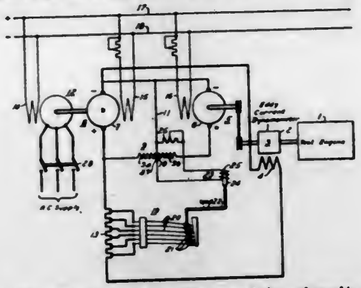
2,438,026

DYNAMOMETER

Jay R. Wrathall, Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania

Application May 1, 1943, Serial No. 485,282
8 Claims. (Cl. 73—134)

1. Apparatus for testing a prime mover comprising, in combination, an eddy current dynamometer and a control field winding for said dynamometer, a source of constant direct potential permanently connected to said control field winding for energizing said control field winding, a source of direct potential variable in response to the speed of rotation of said dynamometer, electrical regulating means disposed in circuit relation with said control field winding and said source of constant direct potential and means including an electromagnetic device which is responsive to said source of variable direct potential for controlling said electrical regulating means.



2,438,027

ELECTRICAL MEASURING INSTRUMENT

Douglass A. Young, East Orange, Lawrence J. Lunas, Cedar Grove, and Bernard E. Lenehan, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsbugh, Pa., a corporation of Pennsylvania

Application September 2, 1943, Serial No. 500,896
16 Claims. (Cl. 171—95)



16. In an electromagnetic device, a pair of similar magnetic structures, each of said magnetic structures comprising a hook-shaped magnetic core having a hook section and having a shank section projecting from said hook section, each of said magnetic structures also comprising a magnetic member connected to the shank section and surrounding, but spaced from, a substantial portion of the associated hook section to form therewith an arcuate air gap, a coil having a coil side disposed in the air gaps for movement therethrough, said hook section, shank section and magnetic member of each of said magnetic structures defining a magnetic path for directing magnetic flux through the associated air gap, and means mounting said magnetic cores with their hook sections extending around a common axis, one of said magnetic cores being reversed relative to the other of the magnetic cores about an axis parallel to said radial direction, said magnetic cores being spaced axially along said first-named axis to complete a passage extending through the magnetic cores to permit insertion and removal of the coil therethrough relative to the magnetic structures.

2,438,028

LOCKING MEANS FOR FASTENER STUDS

Rex W. Allen, Palisades, N. Y., assignor to Camloc Fastener Corporation, New York, N. Y., a corporation of New York

Application December 7, 1943, Serial No. 513,233
4 Claims. (Cl. 24—221)



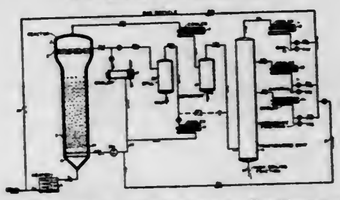
1. A locking means for a fastener stud, comprising a mounting grommet member for said stud and adapted for mounting on a structure, said grommet being provided with a plurality of corrugations on one face, a locking plate fixed against rotation with respect to and axially movable on said stud adjacent said grommet, a plurality of corrugations on said plate adjacent said grommet and for cooperative engagement with the grommet corrugations, and spring means continuously urging the locking plate into engagement with the grommet, whereby rotation of said stud is normally prevented, but, upon exertion of sufficient turning torque in either direction, axial movement of said plate occurs and rotation is permitted.

2,438,029

METHOD OF EFFECTING CATALYTIC CONVERSIONS

Harold V. Atwell, Beacon, N. Y., assignor, by mesne assignments, to The Texas Company, New York, N. Y., a corporation of Delaware

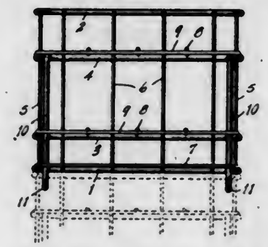
Application May 3, 1944, Serial No. 533,900
3 Claims. (Cl. 23—1)



1. A continuous method for effecting catalytic conversion of gaseous reactants by contact with

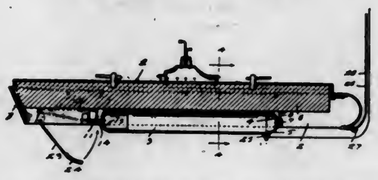
a solid catalyst in particle form at predetermined temperature which comprises continuously passing a liquid upwardly through the particulate solid catalyst in an elongated vertical reaction zone so constructed and arranged that the velocity of flow of liquid through the upper section of the zone is relatively less than that through the lower section at a rate sufficient to disperse and agitate said catalyst particles in said liquid and less than that required to suspend the catalyst particles in said upper section, dispersing gaseous reactants into the lower portion of said zone effecting intimate contact between reactant gas and said catalyst at a temperature determined by said liquid such that substantial conversion of reactants occurs, discharging gases and vaporous products of reaction from the uppermost portion of said reaction zone, and continuously withdrawing said liquid substantially free from catalyst from said upper section of the reaction zone.

2,438,030
TRANSPORTING AND STORAGE CRATE
Dewey H. Bitney, Albion, Mich., assignor to Union Steel Products Company, Albion, Mich., a corporation of Michigan
Application December 7, 1945, Serial No. 633,399
5 Claims. (Cl. 220—19)



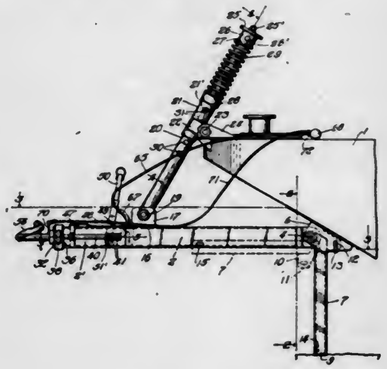
3. In a crate, the combination of top, bottom and intermediate frame members and uprights fixedly secured thereto, and U-shaped runners having their arms disposed within and fixedly secured to the ends of the lower of said frame members supporting the runners substantially below the bottom frame member and terminating below said top frame member, the runners constituting stacking members nestingly engageable within the top frame member of an under-crate on which a crate is superimposed with the bottom frame member in supported engagement with the top frame member of the under-crate.

2,438,031
TOY SUBMARINE
Frank E. Bonner, Pontiac, Mich.
Application September 17, 1946, Serial No. 697,466
2 Claims. (Cl. 46—94)



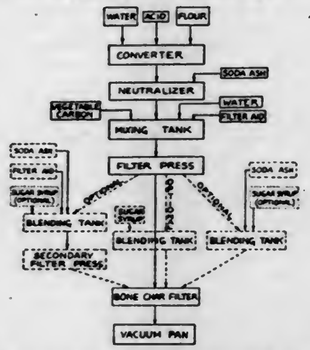
1. A toy submarine of the character specified, comprising a hull formed with a longitudinal space or compartment, a partially concealed ballast tank formed in front end with water inlet opening, rear end with air outlet openings, mounted in said space or compartment of the hull, means for removably suspending the rear end of the ballast tank from the stern of the hull and a trip device for releasing the front end of the tank when the toy submerges and sinks to the bottom of the lake, pond, stream or other body of water.

2,438,032
CARGO TRAILER HITCH
William M. Bready, Milwaukee, Wis., assignor to Cleaver-Brooks Company, Milwaukee, Wis., a corporation of Wisconsin
Application September 21, 1945, Serial No. 617,811
10 Claims. (Cl. 280—33.15)



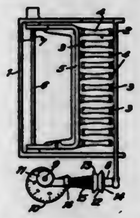
9. A hitch for towing an amphibious watertight cargo trailer on land and water, comprising, a tongue member swingably mounted upon the trailer and having adjacent its forward end a head portion formed with a hollow interior, a coupling member having one end tapered and the other end formed with a circumferential groove, said head portion having an opening leading longitudinally into the hollow interior and a pair of openings leading laterally into the first mentioned opening, a dog slidably mounted in each of said lateral openings, a spring bar for each dog to urge the same inwardly to cause the inner ends of the dogs to enter said groove, a cam for each spring bar to move the bar and its dog outwardly, a release lever to operate said cams, an attaching member extending forwardly from inside the coupling member and having resilient cushioning means on the inside of the coupling member, whereby upon operation of the release lever the coupling member may be released from the hollow interior of the head portion by the cams moving the spring bars and dogs outwardly to remove the dogs from the circumferential groove, and the coupling member may be returned into said hollow interior and fixed therein by a straight longitudinal push, a cable fixed to the coupling member to extend from the interior to the exterior of said hollow interior, and a curved open ended tube leading from the interior to the exterior of the hollow interior adjacent its rear end, said cable being slidable in the curved tube to assist in returning the coupling member into said hollow interior, said tube being curved rearwardly from its bottom open end to its intermediate portion and then forwardly to its open upper end to facilitate sliding movement of the cable therethrough when pulled from a distance in front of the head portion.

2,438,033
DEXTROSE SYRUP
James M. Brown, Melrose, Watson A. Bemis, West Medford, and Frank A. Monroe, Jr., Melrose, Mass., assignors to Revere Sugar Refinery, Charlestown, Mass., a corporation of Massachusetts
Application November 24, 1943, Serial No. 511,580
7 Claims. (Cl. 127—40)



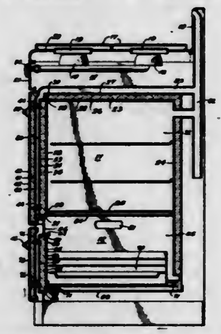
7. The process of manufacturing stable dextrose syrup from commercial wheat flour which comprises adding wheat flour to a starch conversion acid-water mix in the proportion of about five pounds of flour to one gallon of water while maintaining the mix at a temperature exceeding 190° F. during addition of the flour, pressure-heating the flour-acid-water mix at a temperature of 242–250° F. to convert the convertible components of the flour to form a dextrose syrup, then separating unconverted water-insoluble components of the wheat flour from the converted syrup and contacting the converted syrup with both vegetable carbon and bone char to increase the surface tension of the converted syrup to at least 65 dynes per centimeter, whereby said syrup may be concentrated, and then concentrating said syrup under vacuum to a solids content exceeding 67%.

2,438,034
THREAD TENSION ARRANGEMENT IN TEXTILE MACHINES
Albert Brügger, Horgen, Switzerland
Application February 18, 1947, Serial No. 729,314
In Switzerland March 6, 1946
3 Claims. (Cl. 242—147)



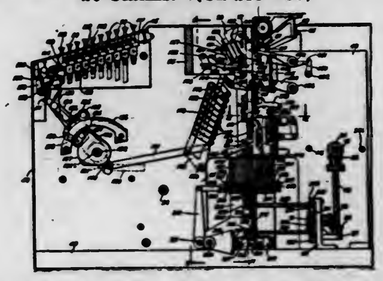
1. In a tension arrangement for running thread in winding and other textile machines with at least one thread-brake, of the character described, a thread-tension adjusting means adapted to subject the thread to a numerically predetermined tension, comprising a spiral-shaped pivoted disc provided with a circumferential scale, clamping means for adjusting the rotary position of the said disc, a feeler collar mounted loose on the thread-brake pivot and provided with an index and adapted to engage the rim of the said disc, and a spring mounted between the thread-brake and the said collar for the purpose of pushing the latter into contact with the said disc and of subjecting the thread-brake to a braking action numerically corresponding to the setting of the disc relative to the said collar.

2,438,035
STOVE
Conrad J. Buhman and Leo E. Mendel, Chicago, Ill., assignors to Cribben and Sexton Company, Chicago, Ill., a corporation of Illinois
Application November 18, 1944, Serial No. 564,032
3 Claims. (Cl. 126—39)



1. In a stove, a casing providing a plurality of vertically-spaced cooking compartments, a top burner section above said cooking compartments and spaced from the compartment below by a passage leading to the rear of the stove, insulated doors carried by said stove and closing the front ends of said compartments, said doors being provided with aligned cooling passages extending vertically therethrough and communicating with the passage below said burner section, and a flue outlet means from at least one of said cooking compartments and rising vertically at the rear of the stove, said flue communicating with said passage below said burner section.

2,438,036
PLURAL STORAGE DEVICE ACCOUNTING MACHINE
Fred M. Carroll, Binghamton, and Alfred B. Benson, Union, N. Y., assignors to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application December 23, 1943, Serial No. 515,374
20 Claims. (Cl. 235—60)



1. In a printing machine, a plurality of manipulative devices for setting up an amount, a

plurality of manipulative devices for setting up an account number, differential devices controlled by said amount devices, a set of type bars each carrying a double set of numeral type, means under control of said differential devices for adjusting said type bars, a magazine, a plurality of amount storage devices assembled in said magazine, each device containing a plurality of settable pins for adjustment to represent amounts, a pair of differential devices adjusted by said manipulative account number devices, means under control of one of said last mentioned differential devices for shifting said magazine laterally, means under control of the other of said pair of differential devices for shifting said magazine longitudinally, said magazine receiving composite movement horizontally to place one of said plurality of storage devices in a selected position, means for elevating the selected storage device into cooperative relation with said type bars, amount reading devices cooperating with the settable pins of said selected storage device, means for moving said amount sensing devices into and out of reading position, operating pawls included in said amount sensing devices and cooperating with said type bars, means for lifting said amount sensing devices while in cooperation with said settable pins to take a reading thereof and transmit the same through said pawls to cause adjustment of said type bars in addition to the adjustment caused by the amount differential, a carrying mechanism cooperating with the type bars to cause additional steps of movement of higher order bars under control of lower order bars, means for effecting a recording impression from the adjusted type bars, means for clearing the selected storage device by resetting the pins therein, means for restoring the type bars with said pawls and sensing means cooperating therewith to reenter a total amount into the pins of the selected storage device, means for preventing restoration of said type bars to maintain the selected storage device in the cleared condition, and means for lowering said selected storage device into the magazine, said restoring means being operated for a second time in each cycle for operation of said type bars to restore them independently of amount storing operations.

2,438,037
FINGER TIP MOISTENER FOR BASEBALL PITCHERS
Matthew H. Chapman, Jr., Providence, R. I.
Application May 1, 1946, Serial No. 666,481
10 Claims. (Cl. 91—54.4)

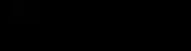


1. A finger tip moistener for a baseball pitcher, comprising a casing having a rear wall having means projecting vertically thereof having means to firmly secure the top and bottom of said casing to the pitcher's clothing in a vertical position, a side wall of such a length as not to interfere with the free movement of the pitcher's arms and a front wall having a wide opening in the upper portion thereof of a width to simultaneously admit a plurality of the pitcher's finger tips, providing a liquid reservoir of substantial relative size in the casing below said opening, a moistening member of resilient material substantially filling said casing and means to rotatably mount said resilient member on an axis extending substantially centrally horizontally of said casing.

2,438,038
METHOD OF REMOVING PAINT, VARNISH, AND LACQUER FILMS FROM SURFACES
John Kenneth Craver, Webster Groves, Mo., assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application October 2, 1944, Serial No. 556,894
2 Claims. (Cl. 252—170)

1. A process for the removal of paint, varnish and lacquer films from surfaces bearing said films comprising applying to said surfaces an aqueous solution consisting essentially of water and 40–80% of a substance selected from the group consisting of gamma-valerolactone and gamma-butyrolactone, allowing said solution to remain on said surface until said film is loosened, removing the loosened film by mechanical means and removing any remaining residue by washing said surface with water.

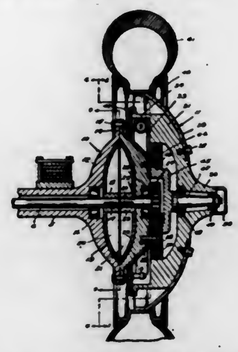
2,438,039
UNITARY SANITARY NAPKIN
Harold Sidney Croft, Elwood, Victoria, Australia
Application August 13, 1945, Serial No. 610,491
In Australia May 29, 1945
5 Claims. (Cl. 128—284)



1. A sanitary napkin or diaper comprising a foundation element of gauze like pervious fabric in the form of an isosceles triangle and having inner and outer walls secured together at two lines extending transversely and spaced lengthwise of the height of the triangle so as to form a pocket, an absorbent pad of disintegrable material removably seated in said pocket, said pocket having an access opening in said outer wall and extending lengthwise of the height of the triangle between said securing lines and which is normally closed by unattached overlapping flaps whereby the component parts of the napkin may be readily separated for independent disposal by withdrawing the pad from its pocket through said access opening without having to handle the soiled part of the inner wall.

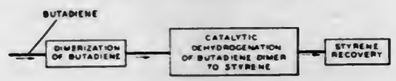
2,438,040
HYDRAULIC WHEEL DRIVE
Marshall D. Duhaime, White Plains, N. Y.
Application August 8, 1944, Serial No. 548,597
1 Claim. (Cl. 74—189.5)

A vehicle wheel drive for the transmission of power from a drive shaft of a vehicle to a wheel, comprising a wheel having an open central portion, a main drive axle, a fixed housing for carrying and journalling the same, an extension on the end of said housing, consisting of curved shells and located within and close to the open central portion of the wheel, hydraulic fluid drive members within said shells, one of said members fixed on the end of the main drive axle, a transmitting stub shaft, aligned with the axle, freely rotatable within said extension and carrying the other hydraulic fluid drive member, a wheel carrier having a wheel supporting stub shaft attached to said housing extension with the last named stub shaft axially aligned with the transmitting stub shaft and axle along the axis of the wheel, a hub structure carrying the wheel and journalled on the wheel supporting stub shaft, a gear wheel centered on and attached to the transmitting stub shaft, a further gear wheel attached



to the hub structure having its center in the axis of the wheel and a freely rotatable eccentric transmission gear wheel carried by the extension of the housing, engaging the two gear wheels centered on the wheel axis.

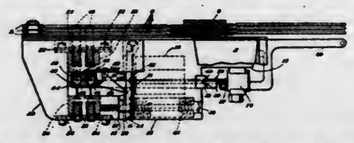
2,438,041
PROCESS OF PRODUCING STYRENE FROM BUTADIENE
Harris A. Dutcher, Borger, Tex., assignor to Phillips Petroleum Company, a corporation of Delaware
Application August 22, 1944, Serial No. 550,553
1 Claim. (Cl. 260—669)



The process of producing styrene from butadiene which comprises passing butadiene over a solid contact catalyst selected from the group consisting of fuller's earth, bauxite, alumina and silica gel in a dimerization zone at a temperature in the range from 150° to 480° C. and at a pressure in the range from 20 to 30 atmospheres, withdrawing an effluent from said dimerization zone containing not less than one mol of butadiene for each mol of butadiene dimer present, separating tar from said effluent, passing said effluent without further cooling or separation over a solid contact catalyst comprising a mixture of chromium and aluminum oxides, controlling the rate of flow so as to insure a contact time of about 1.5 seconds with said last-mentioned catalyst at a temperature in the range from 400° to 600° C. and a pressure of at least one atmosphere, withdrawing the resulting reaction products and separating styrene therefrom.

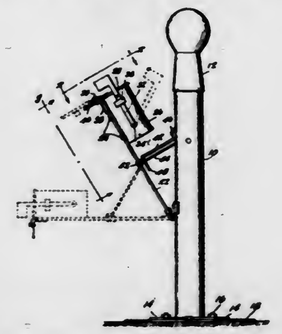
2,438,042
SELECTOR SWITCH
Frank Edgarton, Rochester, N. Y., assignor to Stromberg-Carlson Company, Rochester, N. Y., a corporation of New York
Application April 21, 1945, Serial No. 589,667
18 Claims. (Cl. 179—27.5)

1. In a selector switch having sets of contacts to be operated, a magnet provided with an armature arranged to move toward and away from said magnet in response to the energization thereof, a member movable back and forth under the control of said armature, said member having a ball race therein, a ball contained in said race, ele-



ments projecting into said race for progressively moving said ball along said race as said member moves back and forth, and means including certain of said elements for actuating said sets of contacts in succession under the control of said ball.

2,438,043
MAIL BOX
Gottlieb Ernst, Cordell, Okla.
Application July 8, 1946, Serial No. 681,878
2 Claims. (Cl. 248—145)



1. A hollow support, a lever pivoted to said support, a receptacle carried by said lever, a counterweight reciprocable in said support, a cable connecting said lever and said counterweight, and a stop for said lever carried by said support, said stop comprising a bracket extending from said support, said cable being guided by and underlying said bracket.

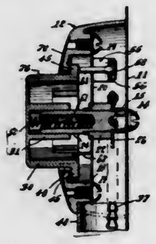
2,438,044
FASTENER CONSTRUCTION
Tibor Freesz, New York, N. Y., assignor to Camloc Fastener Corporation, New York, N. Y., a corporation of New York
Application March 20, 1944, Serial No. 527,193
7 Claims. (Cl. 24—221)



1. A fastener structure, comprising a shell adapted to receive a fastener element, a base for said shell, said base having extending lugs and a substantially vertical wall disposed in spaced relationship to a side of said shell, said wall having an aperture therein, and a retainer for said shell, including a channel having one side wall inwardly curving to overlie the extend-

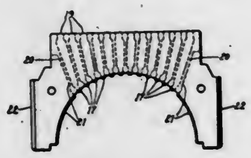
ing lugs of the base, and an opposite wall provided with a projecting tab adapted to pass through said aperture to loosely secure said shell within said retainer.

2,438,045
CONTROL DIAL ASSEMBLY
Andrew H. Gerhardt, Skokie, and Arthur P. Schulz, Hinsdale, Ill., assignors to Thor Corporation, a corporation of Illinois
Application November 1, 1946, Serial No. 707,054
20 Claims. (Cl. 74—527)



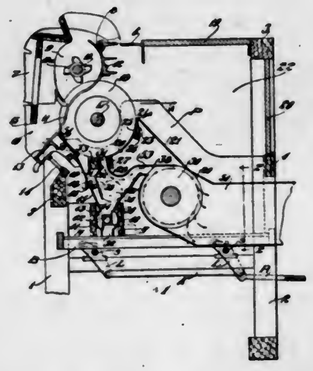
1. A manual control of the character described, comprising a housing, a shaft carried by said housing and rotatably adjustable to a plurality of angularly related positions and adapted to be operably connected to apparatus to be controlled, a finger engaging knob operably connected to said shaft for rotating the latter, means for releasably locking the knob, relatively to the housing, at each of said angularly related positions of adjustment of said shaft, and detent means carried by the housing and cooperating with said knob for enabling step-by-step rotary adjustment of the shaft and serving to positively arrest the knob and shaft, incident to rotation thereof, at the next successive position of adjustment thereof.

2,438,046
PROCESS FOR MAKING ELECTRICAL UNITS, SUCH AS COMMUTATORS
George A. Giannuzzi, Vestal, and Kenneth J. Miller, Binghamton, N. Y., assignors to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application February 2, 1945, Serial No. 575,916
3 Claims. (Cl. 29—155.54)



3. The method of manufacturing an electrical unit which consists of cutting out from a plate of insulating material cover plates of a desired external configuration, cutting out from a metal insert plate of substantially the same configuration a plurality of internal slots closed at both ends by surrounding metal, filling or molding said slots flush with the surfaces of the metal insert with insulating material, cementing said cover plates to each side of the intermediate metal insert plate, cutting the aligned edges of all three of said plates rectilinearly across one of the closed ends of the slots to a point where the filled-in material at said closed ends is reached and cut away with said surrounding metal, and cutting the aligned edges of all three of said plates curvilinearly across the other closed ends of the slots to a point where the filled-in material at said other closed ends is reached and cut away with said surrounding metal, to thereby provide a plurality of isolated metal contact portions insulated from each other by said filled-in material.

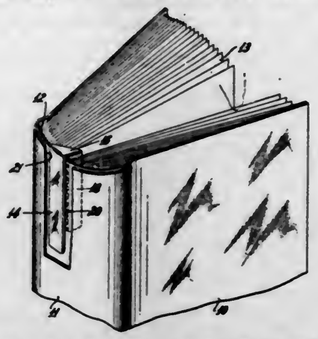
2,438,047
LINTER GIN
Herman C. Graebe, Bridgewater, Mass., assignor to The Murray Company, Dallas, Tex., a corporation of Texas
Application June 17, 1946, Serial No. 677,261
9 Claims. (Cl. 19—58)



1. A brushless linter gin of the kind wherein the lint is removed from the saw cylinder by suction means and which has a roll-box, a grate-fall, a saw cylinder, means, including a floor, defining an overhead moting space above and to the rear of the saw cylinder, means defining a gravity moting chamber below the saw cylinder, means providing a lint delivery throat extending from adjacent to the periphery of the saw cylinder to the gravity moting chamber, said lint delivery throat being narrow from front to rear as compared with the gravity moting chamber and being defined by substantially parallel and vertical front and rear walls and a lint delivery conduit in which subatmospheric pressure is maintained, the gravity moting chamber having a rearwardly directed outlet providing communication between it and the conduit, the gin being characterized in having an imperforate curved shield extending downwardly and in close adjacency to the periphery of the saw cylinder from the forward edge of the floor of the overhead moting space to the rear edge of the lint delivery throat.

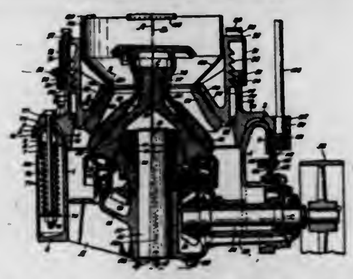
2,438,048
BOOKMARK
William J. Graham, Rego Park, N. Y.
Application January 28, 1947, Serial No. 724,895
4 Claims. (Cl. 116—119)

2. A book mark comprising a top member having substantially the conformation of a right triangle, legs extending at right angles to said top member from the two sides thereof which form the right angle of the triangle, said legs lying in



planes at right angles to each other and having their juxtaposed edges spaced from one another.

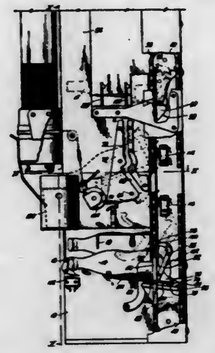
2,438,049
PEDESTAL TYPE GYRATORY CRUSHER
Oscar C. Gruender, Milwaukee, Wis., assignor to Nordberg Manufacturing Company, Milwaukee, Wis., a corporation of Wisconsin
Application November 13, 1943, Serial No. 510,150
9 Claims. (Cl. 241—208)



4. In a gyratory crusher having a bowl and adjusting means for the bowl, a circumferential main frame, a bowl support tiltably mounted on the main frame, and including an upwardly extending generally cylindrical supporting sleeve, said sleeve being inwardly screw threaded and having a plurality of circumferentially spaced depressions in its outer face, a bowl structure including an outer portion threaded to engage the inward screw threading of said supporting sleeve, an outer sealing sleeve mounted on said bowl structure and extending downwardly about the exterior of the supporting sleeve in telescopic relationship and means for locking the sleeves against relative rotation and for thereby preventing relative rotation of bowl structure and supporting sleeve including a locking member movably mounted on said sealing sleeve and adapted to penetrate said depressions.

2,438,050
BOTTLE DECAPPING AND POURING MECHANISM FOR VENDING MACHINES
George H. Hansen, Jr., Kansas City, Mo., assignor to C. Earl Hovey, trustee, Kansas City, Mo.
Application May 29, 1944, Serial No. 537,956
6 Claims. (Cl. 225—21)

1. In a vending machine for bottled goods, having a bottle chamber and a decapper, mechanism for moving a bottle from one part of the chamber into operative engagement with the decapper and to another part of the chamber comprising a bottle clamp; a movable support for the clamp; and parts for tipping the clamp and its contained bottle as the support is moved through its path of travel, said clamp comprising a cradle, and a finger having a pair of pressure members on the



free end thereof for engagement with a bottle contained in the cradle on each side of the medial longitudinal plane thereof, said pressure members being swingably mounted on the cradle for movement toward and from the bottle in a plane parallel to the longitudinal axis of the bottle, said cradle and said pressure members each having means for yieldably clamping the bottle therebetween.

2,438,051
STUD RECEPTACLE
Silas W. Hennessey, Jr., Amityville, N. Y., assignor to Camloc Fastener Corporation, New York, N. Y., a corporation of New York
Application December 21, 1943, Serial No. 515,105
2 Claims. (Cl. 85—36)

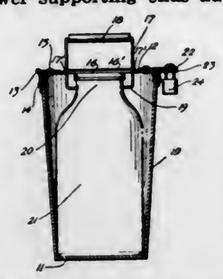


2. A stud-receptacle including a plate formed of resilient stock and provided with an aperture to receive parts of a stud assembly, said plate being formed with notches, mounting members for said plate having a diameter in excess of the diameter of said notches and being formed with grooves of a width such that said plate may be slidably accommodated therein, the diameter of the base of said grooves being substantially less than the diameter of said notches, and projections forming a part of said plate and defining the entrance to said notches; the space between said projections being less than the diameter of the base portions of said grooves.

2,438,052
SAFETY CONTAINER
Norberto Dávila Hernández, Río Piedras, P. R.
Application September 7, 1945, Serial No. 614,974
1 Claim. (Cl. 232—41)

A container having a closed bottom and side walls, a cover hinged to the upper edge of said container having locking means disposed diametrically from said hinge, said cover having an

elongated slot formed through it, a slot covering plate of lesser length than said slot secured to said cover to extend transversely thereof providing spaced apertures at the opposite ends of the slot, an inverted U-shaped handle having inturned lower supporting ends adapted to ex-



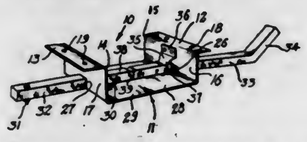
tend through said apertures whereby the inturned lower supporting ends of said inverted U-shaped handle will positively engage a collared object when disposed in said container to support the same, and the top of said object will in turn support said container.

2,438,053
MOTION TRANSMITTING DEVICE
Ralph M. Hettinga, Kalamazoo, Mich., assignor to Shakespeare Products Company, Kalamazoo, Mich., a corporation of Michigan
Application March 5, 1945, Serial No. 581,152
4 Claims. (Cl. 74—501)



1. A motion transmitting member, comprising a center strand, tensional spring strands lying circumferentially about and along the center strand at an acute angle to the center strand whereby said spring strands have a relatively long pitch, and means for securing the strands at their opposite ends to retain them under tension.

2,438,054
SADIRON HOLDER
Margaret May Holliday, Detroit, Mich.
Application September 29, 1945, Serial No. 619,375
2 Claims. (Cl. 248—117.1)

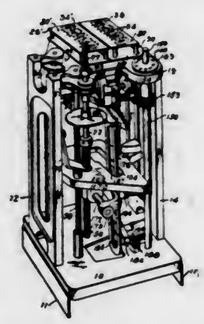


1. A flatiron holder comprising a U-shaped body member formed with oppositely disposed parallel ends terminating in outwardly directed apertured attaching flanges, said ends having aligned rectangular bearing apertures formed therethrough, a flatiron supporting bar slidably disposed through said bearing apertures with one surface thereof contacting the connecting portion of said body member, a hook on the outer end of said bar, means on the inner end of said bar for limiting the outward adjustment thereof, and means for automatically locking said bar in extended position.

2,438,055
PREPARATION OF SALTS OF MONO-ORGANO SILANOLS
James Franklin Hyde and Oscar Kenneth Johannson, Corning, N. Y., assignors to Corning Glass Works, Corning, N. Y., a corporation of New York
No Drawing. Application January 10, 1947, Serial No. 721,460
6 Claims. (Cl. 260—462)

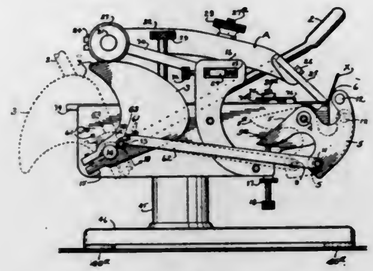
1. The method for the production of salts of mono-organo silanols which comprises interacting the hydrolyzate of a mono-organo silane in which the organic radicals are selected from the group consisting of methyl, ethyl and phenyl and the hydrolyzed radicals are selected from the group consisting of alkoxy and halide with an alkali metal hydroxide in amount between 1 and 3 alkali metal atoms per silicon atom in the presence of between 0.5 and 4 mols of water per atom of alkali metal, and in the presence of an alcohol boiling below water which alcohol is in amount sufficient to dissolve the reactants, and crystallizing from the salt solution so formed a hydrated alkali metal salt of the organosilicon material.

2,438,056
RATIO COMPUTING PHASE SHIFT INDICATOR
Reynold B. Johnson and Clinton E. Larrabee, Binghamton, N. Y., assignors to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application February 21, 1945, Serial No. 580,004
13 Claims. (Cl. 235—61)



1. In an apparatus of the character described, a manually rotatable driving shaft and a driven shaft, rotary differential gear means for imparting motion from said driving shaft to said driven shaft, said differential means comprising a pair of input elements and an output element connected to said driven shaft, gear means directly connecting said driving shaft to one of said input elements, a worm shaft operatively connected to said gear means and adapted to be driven thereby, a carriage mounted on said worm shaft and movable therealong upon rotation of the latter, a splined shaft connected to said other input element and mounted for rotation therewith, a rack slidably mounted on said carriage and having a toothed portion in meshing engagement with said splined shaft, and cam means operable upon movement of said carriage along said worm shaft during rotation thereof for shifting the position of said rack laterally to impart a component of motion to said latter input gear.

2,438,057
BENDING BRAKE HAVING UNITARY ACTUATING MEANS FOR CLAMPING AND BENDING SHEET METAL
Peter Kilham, Attleboro, Mass.
Application March 23, 1944, Serial No. 527,722
12 Claims. (Cl. 153—16)



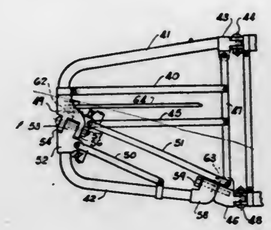
10. In a bending and forming brake, a generally horizontal bed having a free forward edge and an upper surface adapted to receive and support, adjacent said edge, the material to be bent, a clamping blade located adjacent the forward free edge of the bed, and movable downwardly and upwardly toward and away from the upper surface of the bed, an abutment member movable bodily along a generally upright path passing adjacent the free forward edge of the bed, and unitary actuating means adapted first to move the clamping blade downwardly into clamping position and thereafter to move the abutment member upwardly against the lower face of material clamped by the clamping blade, whereby that portion of the material which extends forwardly of the edge of the clamping blade is upwardly bent.

2,438,058
AIR SUPPLY DEVICE FOR RESPIRATORS
Dwight N. Kincheloe, Quincy, Ill.
Application September 15, 1943, Serial No. 502,536
1 Claim. (Cl. 128—141)



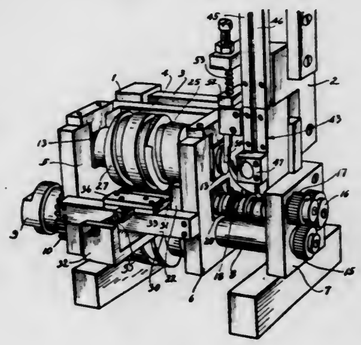
In combination, a respirator, an air filtering unit on one side of the respirator, said air filtering unit comprising a pair of cylindrical cup-like outer and inner members disposed in telescopic relation, one of said members being provided with a perforated sieve-like wall opposed to said side of the respirator with the perforations thereof opening into said respirator, an axial conduit extending from the opposed wall of the other member, an air supply tube connected to the conduit, and an air distributor at the inside of the air filter fixed to said opposed wall of the other member concentrically of said conduit with its perimeter spaced from the circumferential wall of the inner member.

2,438,059
FOLDING COT
Rufus M. Lackey, Birmingham, Ala., assignor to Brown Service Funeral Homes Company, Inc., a corporation of Alabama
Application April 6, 1946, Serial No. 660,155
7 Claims. (Cl. 5—111)



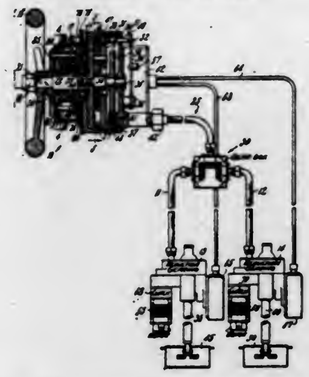
1. In a folding cot of the character described, a main body frame, an end portion hinged to the main body frame transversely thereof and comprising two sections hinged together along a line diagonal to the long axis of the cot.

2,438,060
MECHANISM FOR BENDING SLIDER BODIES
Birdsall P. Lawson, Providence, R. I., assignor to Pilling Chain Company, Providence, R. I., a corporation of Rhode Island
Application January 9, 1946, Serial No. 639,944
17 Claims. (Cl. 153—15)



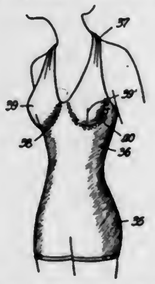
1. A machine for folding sliders for slide fasteners comprising rotating means for engaging and propelling preformed distended sliders along the machine, means for feeding said sliders in succession to said slider-propelling means, a pair of members oppositely rotating in synchronism with said slider-propelling means receiving the sliders therefrom and conveying the sliders to a predetermined folding position in the machine, means mounted for continued rotation about the axes of said members for engaging the wings of the sliders at said predetermined position to fold the sliders, and means functioning in synchronism with the pair of members aforesaid for engaging the folded sliders and conveying the same to a point for discharge from the machine.

2,438,061
REMOTE POSITIONING CONTROL
William P. Lear, North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich., a corporation of Illinois
Application September 27, 1943, Serial No. 503,872
14 Claims. (Cl. 74—407)



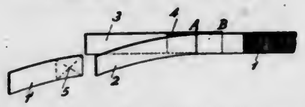
1. A remote position controlling and indicating system comprising, in combination, a driven member; an actuator operatively associated with said driven member; power driving means; mechanism effective upon energization of said power driving means to connect the same to said actuator; a manual driving device; driving mechanism connected to said actuator; planetary gearing connecting said manual driving device to said driving mechanism, said planetary gearing including a gear connected to said manual driving device, a gear connected to said driving mechanism, a movable element, and planetary pinions mounted on said movable element and operatively interconnecting said gears; and switch means operatively associated with said movable element and effective, upon actuation of said manual driving device, to energize said power driving means and operate said driven member.

2,438,062
LADY'S GARMENT
Anna Licht, New York, N. Y., assignor to The French Look, Inc., Paterson, N. J., a corporation of New Jersey
Application February 17, 1945, Serial No. 578,455
3 Claims. (Cl. 2—67)



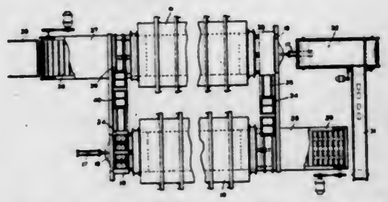
1. A garment, comprising a bodice portion, of laterally stretchable textile fabric, means maintaining said portion upright on the body, said bodice including a pair of spaced cups wholly of textile and integral therewith, and a pair of spaced stiffener braces framing the lower edges of said cups, secured in place thereat, and yieldably connected by the intervening fabric.

2,438,063
RIBBON THREADING MECHANISM
Louise Lorenz-Risler, Zurich, Switzerland, assignor to Alfred Leonard Lutz, Zurich, Switzerland
Application November 2, 1944, Serial No. 561,597
In Switzerland November 2, 1943
2 Claims. (Cl. 197—172)



1. A ribbon for office machines, comprising a fabric strip impregnated with ink, and provided at one of its end parts with two superimposed strips for receiving between them the end part of another ribbon to be inserted into the machine, adhesive located between the two superimposed strips, at least one of the two strips being part of the ribbon fabric.

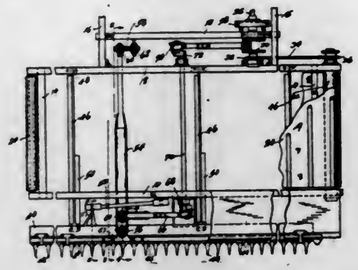
2,438,064
HEATING AND QUENCHING APPARATUS
John H. Loux, Salem, Ohio, assignor to The Salem Engineering Company, Salem, Ohio, a proprietorship
Application January 28, 1942, Serial No. 428,557
3 Claims. (Cl. 266—4)



1. In heat treating apparatus having an elongated hardening furnace, a quench tank adjacent the discharge end of said furnace, and an elongated draw furnace having its charging end adjacent the discharging end of the hardening furnace and its discharging end adjacent the charging end of the hardening furnace, the combination of a plurality of object carrying trays adapted to propel the objects being treated through said furnaces, means to push said trays through said furnaces, means to empty said trays into said tank at the discharge end of said hardening furnace, means to transfer said trays directly from the discharge end of said hardening furnace to the charging end of said draw furnace, and means to convey the objects being treated from said quenching tank to adjacent the charging end of said drawing furnace.

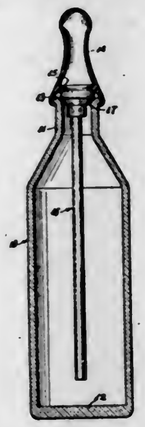
2,438,065
HARVESTING MECHANISM
James E. Love, Garfield, Wash.
Application October 2, 1944, Serial No. 556,762
4 Claims. (Cl. 56—303)

1. In a harvesting mechanism, a frame to be advanced over the ground, a cutter bar including reciprocal cutting means positioned in advance of said frame, means associated with said cutter bar to support the same relative the ground, bar means extending rearwardly from said cutter bar to pivotal connection with said frame whereby the cutter bar may swing about said pivotal connection and have vertical movement of said frame, an oscillator bar operatively



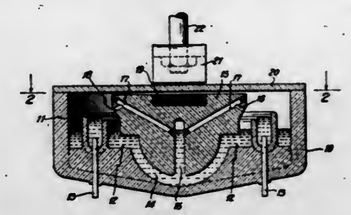
connected forwardly to said cutting means and extending rearwardly therefrom to a connection with said frame, said connection including a pliable member secured to and extending transversely to the axis of the oscillator bar and secured to the frame at a point spaced horizontally from the bar, and means for oscillating said oscillator bar.

2,438,066
NURSING BOTTLE ATTACHMENT
Robert V. Lloyd, New York, N. Y.
Application October 21, 1946, Serial No. 704,638
4 Claims. (Cl. 215—11)



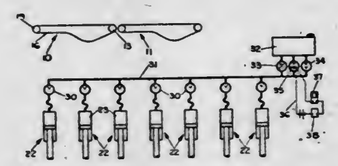
1. In combination, a nursing bottle having a neck portion with an opening therein, a sipper extending through the neck opening of the bottle and into the bottom thereof, said sipper having a flanged head adapted to be secured to the neck portion of the bottle to normally close the same except for the sipper passage extending therethrough, and said flanged head having a valve controlled passage through which the contents of the bottle can be withdrawn when the bottle is tilted up.

2,438,067
CIRCUIT BREAKER
Hans P. Luhn, Armonk, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application March 17, 1945, Serial No. 583,253
3 Claims. (Cl. 200—32)



1. A circuit breaker comprising a receptacle containing electrically conductive liquid, a rotor supported by the surface of said liquid and rotatable therein, rotating means for the rotor, said rotor having a radial duct communicating with the supporting liquid whereby upon rotation, liquid will flow through the duct and emit a stream of liquid, a contact element located in the path of said stream whereby as the rotor turns, an electrical connection is completed between the liquid in the receptacle and said contact element.

2,438,068
CONVEYOR SLACK TAKE-UP MECHANISM
Stanley M. Mercier, Bexley, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company, a corporation of Ohio
Application August 19, 1944, Serial No. 550,259
7 Claims. (Cl. 198—208)



3. A conveyor including a plurality of endless chains, means for driving each of said chains together, individual slack take-up means for each chain, said take-up means each including a hydraulic piston motor, means for feeding hydraulic fluid to all of said motors to provide for their free expansion to take up slack in their associated chains, means providing for restricted contraction of each of said motors, and means responsive to an excessive pressure created by any one of said motors for relieving the pressure of the hydraulic feed means and for actuating a control device.

2,438,069
FACIAL INVIGORATING APPARATUS
John Mingea, Long Island City, N. Y.
Application June 7, 1946, Serial No. 675,260
6 Claims. (Cl. 128—402)

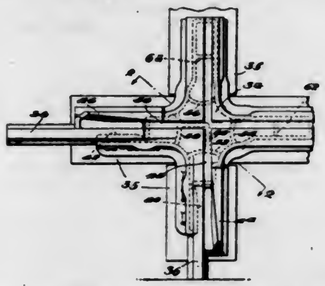
1. A facial mask apparatus comprising a plurality of substantially rigid pipes extending substantially vertically in generally parallel relationship, from a top central point to a lower central

point and midway of said points conforming aggregately to the contours of a human face, and



hydraulic connecting members uniting said pipes at said two points.

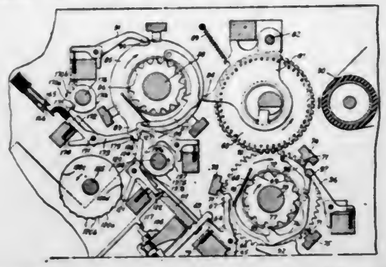
2,438,070
CAST RAIL CROSSING STRUCTURE
Charles H. Nordberg, Chicago Heights, Ill., assignor to Pettibone Mulliken Corporation, a corporation of Illinois
Application May 23, 1944, Serial No. 536,917
9 Claims. (Cl. 246—464)



1. An integrally cast steel railroad crossing element comprising a top having a central portion and armlike portions extending outwardly therefrom, supporting side walls extending around the contour of the top and depending therefrom, the upper surface of said top being provided with car wheel flangeways which cross at the central portion of the element, and at least one integrally cast vertical strengthening rib depending centrally from the base of the flangeways and running longitudinally thereof, a portion of said rib being positioned directly beneath the intersection of said flangeways.

2,438,071
PERFORATED CARD CONTROLLED ALPHABET AND NUMERAL PRINTER
Ralph E. Page, West Orange, N. J., and Horace S. Beattie, Poughkeepsie, N. Y., assignors to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application December 23, 1944, Serial No. 569,444
24 Claims. (Cl. 101—93)

1. In a printing machine controlled by records of the type having holes at digit positions 1–9, O, X, R, a rotatable printing wheel carrying several groups of alphabet type and an auxiliary group of type, means for analyzing said records, means controlled by said analyzing means and operable in response to the analysis of holes at digit positions 1–9 for effecting the rotation of said printing wheel to select a related group of alphabet type, further means operating independently of said last named means and operable in the absence of holes 1–9 to effect the rotation of said printing wheel to select said auxiliary group of type, and type selecting control means controlled by said analyzing means and



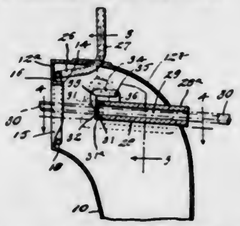
operable in response to the analysis of the O, X, R holes for selecting type of the selected group of alphabet type and said auxiliary group of type when the latter is selected for operation.

2,438,072
SHOULDER PAD
James M. Piccinni, Brooklyn, N. Y.
Application February 28, 1946, Serial No. 650,829
2 Claims. (Cl. 2—268)



1. An all rubber unitary shoulder pad comprising a triangular wedge shaped member having its thick portion at the base of the triangle and its thin portion at the apex of the triangle and having its upper surface curved convexly to simulate a modified shoulder outline and having its lower surface concavely curved to conform with the contour of a wearer's shoulder, said pad having therein at each triangular corner a securing hole for fastening the pad to an article of clothing, and two pairs of grooves along the under surface of the pad, each of the pairs of grooves having a narrow flexible ridge therebetween.

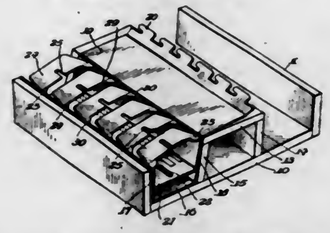
2,438,073
COLOSTOMY TUBE
George E. Saur, St. Louis, Mo.
Application February 8, 1946, Serial No. 646,305
3 Claims. (Cl. 128—283)



3. A colostomy irrigating device comprising a tubular body, an elbow on one end of said body having an inlet port, a tube extending through said elbow for supporting a catheteral hose therethrough, a cap closing said tube within said body, hinge means mounting said cap on said body, said cap being normally biased to tube closing position and movable to opening position upon

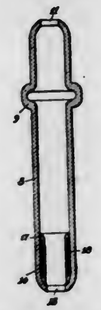
insertion of said hose, and water distributor means in said tube for spraying water into said body and over said cap and tube for flushing said tube.

2,438,074
DEVICE FOR ASSEMBLING COLLAPSIBLE EGG CARTONS
Louis Schwartzberg, Chicago, Ill.
Application June 29, 1944, Serial No. 542,743
5 Claims. (Cl. 93—37)



2. A carton assembler for collapsible egg cartons, comprising a base with a central raised support, means secured to the base and extending parallel to the sides of the support forming troughs for receiving cartons therein and limiting the unfolding movement thereof, one of the troughs having inclined sides converging toward the bottom.

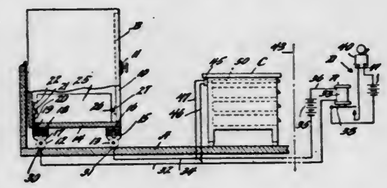
2,438,075
CONTACT PIN AND METHOD OF MAKING THE SAME
Newell R. Smith, Bridgeport, Conn.
Application February 9, 1945, Serial No. 576,979
4 Claims. (Cl. 173—361)



1. An article of manufacture comprising a tubular contact pin having an end opening through which a lead wire may be passed, and an annular-shaped mass of solder through which the lead wire may also be passed located within said contact pin in axial alinement with said contact pin and said opening and intimately bonded in a high thermal conductivity relation to the inside surface of said contact pin.

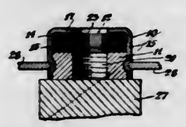
2,438,076
ELECTRICAL BURGLAR ALARM SYSTEM
Francis C. W. Stelter, New York, N. Y.
Application August 3, 1945, Serial No. 608,668
3 Claims. (Cl. 177—314)

3. A protective system for metal wheeled safes, cabinets, or like heavy receptacles, which comprises, in combination, an electric circuit including a source of current, a relay magnet, and a plurality of contacts at the receptacle to be protected, certain of said contacts adapted to be broken upon bodily removal of said receptacle, said contacts comprising minute inconspicuous metal conductor points set in the floor upon which the receptacle rests, and spaced apart a distance equal to the space between the centers of two of the wheels of the receptacle, the receptacle being positioned so that said wheels normally rest respectively on said contacts, electrical insulation interposed between one of said wheels



and the metal body of said receptacle, the other of said wheels being in electrical contact with said body, other of said contacts being disposed within said receptacle in a position to be actuated by the opening of the door of said receptacle or the removal of certain contents thereof, said last-named contacts serving to bridge the gap in between the metal body of the safe and the insulated wheel; all whereby the circuit will be broken upon moving the receptacles thus de-energizing the relay magnet, an alarm circuit including a switch actuated by said relay magnet, an alarm signal, and a source of current.

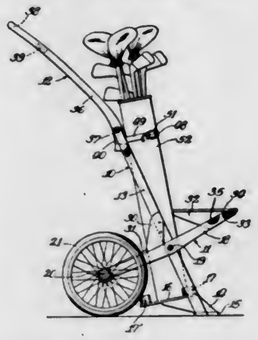
2,438,077
LOCK NUT
J Mills Summers, Englewood, N. J., assignor to Camloc Fastener Corporation, New York, N. Y., a corporation of New York
Application June 23, 1943, Serial No. 491,895
1 Claim. (Cl. 151—7)



A nut comprising a unitary shell stamped from resilient, flat sheet metal and comprising a base portion having means for securement to a member, a housing portion extending upwardly from the base portion, at least two opposed side walls of the housing portion being substantially flat, the upper wall of the housing portion having an opening whose marginal edges are inclined inwardly and downwardly, a separate nut element and a separate locking element positioned within the housing in superimposed relation, each formed with apertures which are generally aligned with the opening in the upper wall, the side walls of the elements conforming generally to the contour of the side walls of the housing and engaging the same to prevent relative rotation between the elements and the shell, the over-all height of such elements being greater than the height of the housing from the base portion to the downwardly-turned edges in the upper wall, the lower-

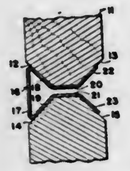
most element having recesses in the side walls thereof, the adjacent side walls of the housing being inwardly moved into such recesses for retaining said elements in the housing under compression against the downwardly-turned edges, the lower surfaces of the lowermost element and the base portion being on substantially the same plane, such normally, downwardly-turned edges being resiliently held upwardly against the upper surface of the uppermost element.

2,438,078
COLLAPSIBLE GOLF CART
Henry R. Sutphen, New York, N. Y.
Application August 14, 1944, Serial No. 549,421
7 Claims. (Cl. 280—36)



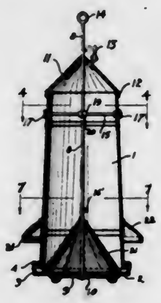
1. In a golf cart, a wheeled structure including a downwardly and forwardly inclined main frame, a platform carried by said main frame at its lower end, adapted to receive the bottom of a golf club container, a handle frame pivoted to said main frame adjacent the upper end thereof adjustable to various desired positions about its pivot axis in the use of said cart, a cross member on said handle frame adjustable therewith disposed to contact a golf club container resting on said platform, for adjusting the center of gravity of the load, and means for locking said handle frame in adjustment about its pivot axis.

2,438,079
PANEL CONSTRUCTION
Carroll V. Sweet, Madison, Wis.; dedicated to the free use of the People in the Territory of the United States
Application January 23, 1945, Serial No. 574,172
2 Claims. (Cl. 20—15)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



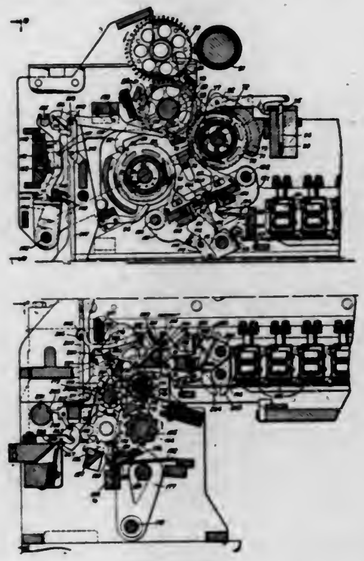
1. A panel construction comprising panels which are subject to contraction and expansion and which are disposed edge to edge in a plane presenting a rear face and a front face of finished appearance, each of said panels at its edge adjacent the edge of another panel having a cut-away corner to provide a plane surface at the front face of the panel extending longitudinally of the edge and at an obtuse angle to the front face, thus to provide a V-shaped groove at the adjacent edges opening toward the front face, at least one of said panels at the said edge having a cut-away portion to provide a plane surface remote from the front face and extending longitudinally of the edge at an obtuse angle to the rear face, and a decorative strip of resilient material bent longitudinally in the form of a triangular prism open along one edge and shaped to fit the V-shaped groove with the side opposite the open edge substantially flush with the front face and the sides adjacent the open edge mating with the sides of the V-shaped groove, said strip having at least one web extending from a side adjacent said open edge, said web having an extension shaped to mate with said plane surface remote from the front face, said strip being inserted between the adjacent panels with the side opposite the open edge flush with the front face and biased to press the sides of the triangular prism adjacent the open edge and the extension into continuous engagement with their mating plane surfaces.

2,438,080
POULTRY FEEDER
Donald Van Meeteren, Sheldon, Iowa
Application November 7, 1945, Serial No. 627,113
1 Claim. (Cl. 119—53)



A poultry feeder comprising a vertically disposed frustoconical container open at the upper and lower ends, a pan over which said container is disposed having an upstanding marginal wall surrounding the lower end portion of the container in spaced relation thereto, a rod extending vertically through the container and having its lower end held to the pan, a conical deflector extending upwardly from said pan into the lower portion of said container and at its apex formed with an opening through which said rod passes, said container being shiftable vertically along the rod to dispose the lower end of the container in desired spaced relation to the conical deflector, a cover for the open, upper end of said container formed with an opening through which the rod passes and being shiftable vertically along the rod into and out of closing relation to the upper end of the container, an eye on the upper end of said rod whereby the feeder may be suspended, and a hook on said cover engageable with said eye to retain the cover out of closing relation with the upper end of the container.

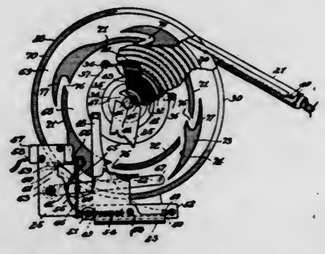
2,438,081
RECORD CONTROLLED ACCOUNTING MACHINE
Thomas J. Watson, New Canaan, Conn., Horace S. Beattie, East Orange, N. J., and Frederick L. Fuller, deceased, late of West Orange, N. J., by Schuyler B. Harrison, East Orange, N. J., and John G. Phillips, New York, N. Y., executors, assignors to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application July 15, 1943, Serial No. 494,820
31 Claims. (Cl. 235—61.8)



3. In combination, a plurality of wheels of a denominationally ordered accumulator and including for each order a digit readout means directly positionable by the related accumulator wheel to represent the tens complement of the digit representation therein, units carry mechanism operable under control of a lower order wheel when the latter passes from 0–1 to carry a unit to the next higher order wheel, further units carry mechanism comprising means operable under control of the highest order wheel when it passes from 0–1 to carry a unit to the lowest order wheel, and entering means for entering the nines complement of the digits or amounts of the first sign and true digits of amounts of the second sign and including means to determine whether the nines complement or true digits are to be entered according to the signs of such amounts, said readout means representing after such entries a positive balance as a true number when amounts of the first sign numerically exceed amounts of the second sign and conversely said readout means representing the nines complement of the digits of the true number of a negative balance when amounts of the second sign numerically exceed the amounts of the first sign.

22. In a record controlled machine, record analyzing means, a drive shaft, a type carrying printing wheel, an accumulator wheel of corresponding denominational order, a printing wheel clutch device intermediate said printing wheel and the drive shaft for effecting the rotation of said printing wheel, means under control of the analyzing means for operating said clutch device to initiate the rotation of said printing wheel to a position for printing from a selected digit, an accumulator wheel clutch device for connecting the accumulator wheel with the drive shaft to rotate said accumulator wheel, and means controlled by the printing wheel clutch device to concurrently operate the accumulator wheel clutch device to cause a digit entry corresponding to the selected digit printed.

2,438,082
REELING DEVICE SWITCH
Edwin J. Wester, Rochester, and Eugene R. Ziegler, Spencerport, N. Y., assignors to Ritter Company, Inc., Rochester, N. Y., a corporation of Delaware
Application March 14, 1945, Serial No. 582,620
11 Claims. (Cl. 200—153)

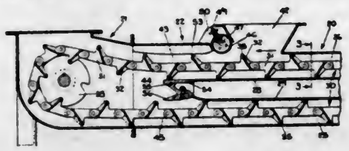


3. In a reeling device, an electrical conductor, a rotary reel adapted to hold a plurality of coils of said conductor for variable extension thereof to different points of use, spring means for rotating said reel to reel and retract said conductor when not in use, said reel being continuously rotatable in opposite directions for said variable extension and retraction of said conductor relative to various points of use, a switch in circuit with said conductor, cam means mounted on said reel in fixed position relative thereto, a movably mounted follower for cooperation with said cam means, a spring for moving said follower in one direction, said follower being arranged to be engaged and moved by said cam means against the action of said spring and said cam means having a portion adapted to be engaged and releasably held by said follower for releasably holding said cam means and reel in predetermined positions against the action of said spring means, and means actuated by the movements of said follower for opening and closing said switch.

2,438,083
CONVEYOR
Paul V. Whitney, Columbus, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company, a corporation of Ohio
Application March 11, 1943, Serial No. 478,781
13 Claims. (Cl. 198—168)

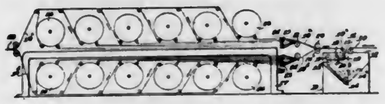
9. A conveyor including a casing providing an enclosed upwardly extending working leg, conveyor mechanism in said leg including a link chain, flights attached to the links of said chain, some of said flights extending forwardly the others rearwardly of said chain during its upward travel thereby to maintain the chain out of contact with the forward and rearward walls

of said working leg while traveling therethrough, none of said flights alone filling the cross-sectional area of the working leg, oppositely extending flights lying in intersecting planes each



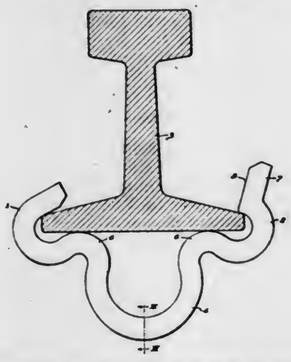
of which makes an acute angle with the axis of the chain during its upward travel, and each flight having a leading edge adjacent the casing and sloping downwardly therefrom while traveling through said working leg.

2,438,084
YARN SMOOTHING APPARATUS AND METHOD
Allison Allen Wood, Lanett, Ala.
Application April 15, 1946, Serial No. 662,238
4 Claims. (Cl. 28—28)



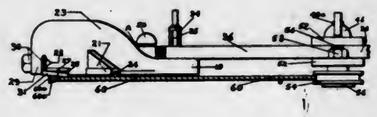
1. Apparatus for sizing a sheet of yarn strands comprising a size box, means for continuously moving the sheet of strands through size in the box, means for separating the sheet of sized strands into equally divided masses, rolls for separating the masses into strands and for smoothing each strand, and means for drying the smoothed strands.

2,438,085
RAIL ANCHOR
Wilbert H. Woodings, Oakmont, and Edmund A. Skowron, Pittsburgh, Pa., and Richard J. McComb, Chicago, Ill., assignors to Woodings-Verona Tool Works, Verona, Pa., a corporation of Pennsylvania
Application March 1, 1946, Serial No. 651,158
1 Claim. (Cl. 238—330)



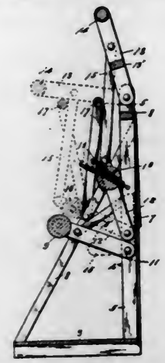
A one-piece rail anchor adapted to extend under a rail base and having at its opposite ends rail-gripping jaws connected beneath the rail by a resilient downwardly bowed portion, said jaws being adapted to receive the opposite sides of the rail base after the jaws have been sprung away from each other far enough to permit the base to enter them, said bowed portion being in the shape of more than half of a circle with its upper ends connected to the adjacent inner ends of the jaws by reverse bends adapted to press against the bottom of the rail base at points spaced inwardly from the sides of the base, and said jaws being formed for engaging tangentially the upper corners of the rail base, the inner surfaces of the jaws between their rail corner-engaging areas and their rail bottom-engaging areas being spaced from the rail, the surfaces of said jaws engageable with said rail corners being substantially flat and extending above the upper surface of the rail base, one of the jaws being formed to overlie the top of the rail base for a greater distance than the other jaw, and said other jaw having at its upper end an upwardly and outwardly projecting lug provided with an inner cam surface adapted to slide upwardly across the adjacent lower corner of the rail base and spring the jaws away from each other while the anchor is being applied to the rail.

2,438,086
SIDE FILE AND JOINTER FOR SPRING AND SWAGE TOOTH SAWS
Ernest G. Wooley, Wichita, Kans.
Application March 2, 1946, Serial No. 651,539
2 Claims. (Cl. 76—47)



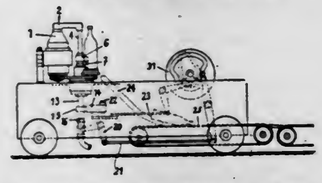
1. In a side file and jointer tool for saws; a body element and a saw tooth cutting element, said body element having a transverse recess in one end thereof for the reception of the said cutting element and means for forcibly narrowing the said recess for rigidly holding the cutting element therein, a gauge element, said gauge element being carried by the said body element and projecting therefrom intermediately the ends of the body element, the other end of said body element having a support therein, said support being adjustable to predetermine the ultimate angle of the body element relative to the saw blade and teeth thereof for the purpose described, said body element having projecting elements thereon that are parallelly positioned and spaced apart as finger holds for moving the tool for saw tooth point cutting purposes, an extension arm for said tool, means for attaching said extension arm to the said body element and means on said extension arm for engaging said finger hold elements of the body element to hold the body element in alignment with the said extension arm, a cross bar, said cross bar being stationable on and along the extension arm, and means for maintaining the cross bar at right angles to the extension arm, and means on the extension arm for engaging the back edge of the band saw for the purpose described, said means for engaging the back edge of a band saw being a pair of grooved rollers, said rollers being revolvable, carried one on each end of said cross bar.

2,438,087
MOP WRINGER WITH PRESSURE ROLLERS AND CARRYING BAIL
Edward Wurdeman, Minneapolis, Minn.
Application January 1, 1945, Serial No. 570,847
1 Claim. (Cl. 15—262)



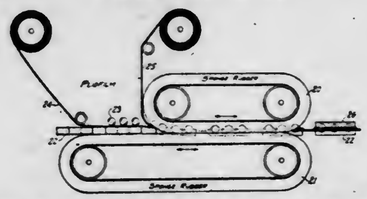
A mop wringer and frame comprising a pail platform, an upright frame on the platform, a fixed lower roll journalled on the frame, a pair of arms pivoted to the frame, an upper roll journalled on the arms for cooperation with the lower roll, a handle bar having a pair of arms pivoted to the frame above the first noted pair of arms, pivoted links connecting the first noted arms to the arms of the handle bar, and a carrying bail for said mop wringer having side members connected by a horizontal member pivoted to the frame, and springs anchored to the frame and attached to the side members of the carrying bail, said springs yieldingly holding said horizontal member against the links and said links in turn holding the pairs of arms, the upper roll in raised inoperative position and the bail in its operative position, when the upper roll is in wringing position over the lower roll, said pairs of arms being substantially horizontally disposed and said links being substantially vertically disposed between the pairs of arms.

2,438,088
DEVICE FOR DISCHARGING HOLLOW GLASSWARE BLOWN IN A FINISHING MOLD
Alphons Wyss, Bottmingen, near Basel, Switzerland
Application January 10, 1946, Serial No. 640,218
In Switzerland January 17, 1945
9 Claims. (Cl. 49—18)



1. A device for discharging hollow glass articles blown in a finishing mould of a machine for fashioning hollow glass articles by blowing, comprising a finishing mould having associated mould halves adapted to be intermittently opened for receiving a parison and for discharging the blown article and to be closed during the blowing action, a turnable carrier, a plurality of mould bottoms supported by said carrier, and means to intermittently turn said carrier in timed relationship to the opening and closing of said mould halves to bring a mould bottom under the finishing mould halves for completing the finishing form before each blowing operation, and to carry away the blown article on continuing said intermittent turning motion, during which travel the blown articles are permitted to cool and set before their conveyance to the lehr.

2,438,089
PACKAGING
Clarence M. Carson, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Akron, Ohio, a corporation of Delaware
Application August 27, 1946, Serial No. 693,310
7 Claims. (Cl. 18—56)



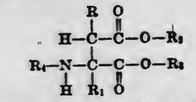
1. The process of packaging an article between two layers of wrapping material which comprises placing the article between them, placing a frame against the outside surface of one of the layers so that its perimeter surrounds the article, and then passing the assembly between resilient pressure means to press the layers of wrapping material together around the article and to press at least a portion of the covered article down into the frame.

2,438,090
DIALKOXY PROPIONITRILES
Albert M. Clifford, Stow, and Joy G. Lichty, Cuyahoga Falls, Ohio, assignors to Wingfoot Corporation, Akron, Ohio, a corporation of Delaware
No Drawing. Application August 26, 1944, Serial No. 551,428
4 Claims. (Cl. 260—464)

1. Alpha beta dimethoxy propionitrile.

2,438,091
ASPARTIC ACID ESTERS AND THEIR PREPARATION
Kathryn L. Lynch, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application September 6, 1943, Serial No. 501,417
5 Claims. (Cl. 260—482)

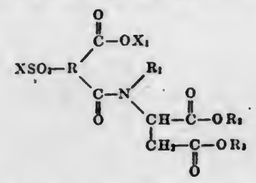
1. N-substituted aspartic acid esters having surface active properties said esters having the general formula:



in which R and R_1 are members of the group consisting of hydrogen, and alkyl radicals having 1 to 3 carbon atoms, R_2 and R_3 are alkyl radicals of from 1 to 18 carbon atoms and R_4 is a member of the group consisting of alkyl and alkoxyalkyl radicals, the total number of carbon atoms in R_2, R_3 and R_4 being at least twelve.

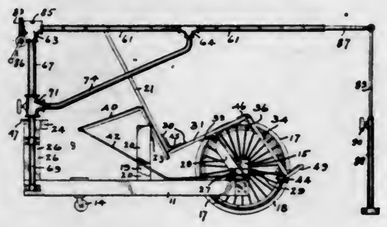
2,438,092
N-SULFODICARBOXYLIC ACID ASPARTATES
Kathryn L. Lynch, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application September 10, 1943, Serial No. 501,851
9 Claims. (Cl. 260—482)

1. Compounds having the general formula



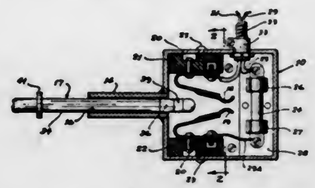
in which X and X_1 are members of the group consisting of hydrogen and cationic salt-forming radicals, R is the residue of an aliphatic polycarboxylic acid, R_1 is a member of the group consisting of alkyl, alkoxyalkyl and hydroxyalkyl radicals of from 1 to 20 carbon atoms and R_2 and R_3 are members of the group consisting of hydrogen, alkyl and cationic salt-forming radicals.

2,438,093
INVALID BED
Elwood A. Miller, Indianapolis, Ind., assignor of fifty per cent to Benjamin V. Klain, Indianapolis, Ind.
Application November 30, 1944, Serial No. 565,878
2 Claims. (Cl. 5—66)



2. An invalid bed and chair comprising a foundation, a fixed support carried by the foundation; a major bed and back panel hingedly carried by said support; an intermediate panel hinged by a rear end to the forward end of said major panel; a rockable, rigid member hingedly carried by one end portion by said foundation and hinged at a fixed location to said intermediate panel, said location being spaced between the rear and forward ends of the intermediate panel removed from the forward end of the intermediate panel; a foot panel hinged by a rear end to the forward end of said intermediate panel; arm means depending from said major panel to the rear of its hinge connection with said fixed support; and rod means rockably connected to said arm means and to the forward end portion of said foot panel, whereby all of said panels may initially be placed in an end to end planar condition for a bed, and upon pressing downwardly on the rear end of said intermediate panel and the forward end of said major panel between said fixed and rockable supports, said panels will shift to a chair conformation under control solely by said rod means.

2,438,094
ELEVATOR SWITCH
Felice Petrullo, Jersey City, N. J., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
Application February 17, 1945, Serial No. 578,373
1 Claim. (Cl. 171—97)



A safety switch for use in association with a system of elevator doors and the like comprising a sealed casing, a pair of spaced contacts supported within said casing, an actuator to complete a circuit through said contacts, an electrically conductive actuator guide member secured to said casing and having an elongated bore extending into said casing to direct the actuator into position between the contacts, said actuator having an insulating portion normally in contact with said guide member and an electrically conductive tip to cooperate with said contacts, said guide element and said contacts being connected through a source of electrical energy, said circuit being arranged so that when completed through the guide member a flow of current may take place through at least one of said contacts, means electrically connected with the guide to render the circuit permanently inoperative when the circuit is completed through the guide, said actuator being moved by the elevator door or the like to render a circuit through the contacts operative when the door or the like is closed and to render said circuit through the contacts inoperative when the door or the like is open, and said guide-member circuit normally being maintained open by reason of its contact with the insulated portion of the actuator but the guide member circuit functioning to render the entire circuit permanently inoperative when a substitute electrically conductive actuator is substituted for the actuator that cooperates with the door or the like whereby the circuit through the guide member is completed.

2,438,095
SEAM-FILLING SHOE WELT
William E. Phinney, Milton, N. H., assignor to Wright-Batchelder Corporation, Boston, Mass., a corporation of Massachusetts
Application July 18, 1946, Serial No. 684,502
1 Claim. (Cl. 36—78)



A seam-filling welt of the kind described for use in the manufacture of welt boots and shoes, comprising a horizontal body portion and with an inner edge portion designed to fit a lasted shoe with a low seam-filling bead, the inner edge being adapted to receive inseam stitching, with the body portion extending in horizontal relation with the shoe, said inner edge portion comprising a lower vertical surface, a slanting intermediate surface formed at an angle of approximately 28° with the vertical surface and extending toward and across the width of the body portion, in combination with the low seam-filling bead projecting from the slanting face in a concave radius and with a convex face extending from the body portion, whereby said bead will be drawn within the area of the feather edge of the insole in the shoe in which said welt is incorporated.

2,438,096
STABILIZATION OF ROSIN SIZES
Edward N. Poor, Stamford, and Kenneth L. Howard, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application August 21, 1945, Serial No. 611,914
4 Claims. (Cl. 106—238)

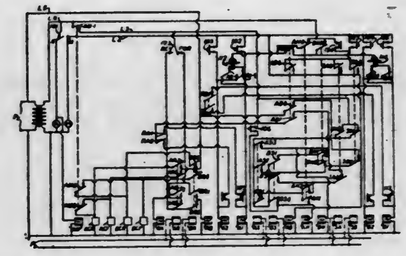
3. An aqueous liquid rosin size composition stabilized against crystallization by the incorporation therein of stabilizing amounts of a crystallization inhibitor comprising a mixture of approximately equal quantities of formaldehyde and an amine.

2,438,097
THERMOSETTING VINYL CHLORIDE-VINYLIDENE CHLORIDE COPOLYMER COMPOSITIONS
Thomas H. Rogers, Jr., and Robert D. Vickers, Akron, Ohio, assignors to Wingfoot Corporation, Akron, Ohio, a corporation of Delaware
No Drawing. Application December 29, 1943, Serial No. 516,052
6 Claims. (Cl. 260—86)

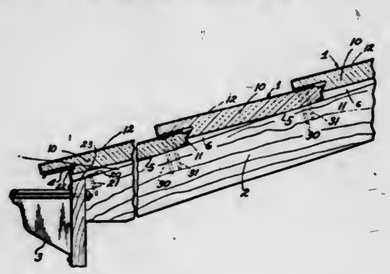
1. A method of preparing a thermoset composition from a thermoplastic copolymer of 75 to 90 percent of vinyl chloride and the balance of vinylidene chloride which comprises incorporating from 1 to 10 percent by weight (based on the copolymer) of a quaternary ammonium compound and thereafter heating the modified copolymer to a temperature between 240° F. and 360° F. for a period of from 15 to 30 minutes.

2,438,098
PHOTOELECTRIC CONTROL MECHANISM FOR FLAME-CUTTING DEVICES
William S. Tandler and David S. Walker, New York, N. Y., assignors, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y., a corporation of the United States
Application October 9, 1942, Serial No. 461,404
15 Claims. (Cl. 318—162)

1. Photoelectrically-controlled apparatus, comprising a tool, motive means for driving said tool in a predetermined direction, a first photoelectric control record driven synchronously with said tool by said motive means, a second motive means for driving said tool in a second independent direction perpendicular to said first direction, a second photoelectric control record driven synchronously with the motion of said tool by said second motive means along said second direction, said first record bearing control indicia having successive spacings corresponding to desired increments of motion of said tool along said first direction, and said second record bearing control indicia having successive spacings corresponding to desired increments of motion of said tool along said second direction, photoelectric pick-up means cooperating with said first record for stopping said first motive means and starting said second motive means under the control of said first control indicia, and photoelectric pickup means cooperating with said second record for stopping said second motive means and starting said first motive means under the control of said second control indicia, whereby said tool is operated in steps to execute an outline corresponding to both said control indicia.



2,438,099
ROOF STRUCTURE
Irving P. Whitehouse, South Euclid, Ohio, assignor to Republic Steel Corporation, Cleveland, Ohio, a corporation of New Jersey
Application July 23, 1945, Serial No. 606,553
9 Claims. (Cl. 108—8)



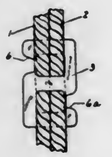
1. A roof structure comprising spaced rafters, a roof member spanning the space between said rafters and resting thereon at its upper end only, and an imperforate metal purlin crimpingly embracing the upper edge of said member and resting on said rafters.

2,438,100
BLEACHING CELLULOSE TEXTILE FIBERS
Thomas C. Whitner, Elizabeth, N. J., assignor to Chemical Laboratories, Inc., a corporation of New Jersey
No Drawing. Application March 17, 1944, Serial No. 527,005
8 Claims. (Cl. 8—111)

1. The process which comprises impregnating undyed cellulose textile fibers at substantially

atmospheric temperature with an aqueous solution of an alkylolamine, said alkylolamine being substantially the only solute in said solution and its concentration being great enough to maintain said fibers in an alkaline condition, separating non-absorbed aqueous solution from said fibers, treating said impregnated fibers at substantially atmospheric temperature with gaseous ozone, and removing substantially all the alkylolamine from the treated fibers.

2,438,101
CORD EQUALIZER FOR VENETIAN BLINDS
Richard H. Wright, Cleveland, Ohio
Application October 9, 1944, Serial No. 557,824
1 Claim. (Cl. 24—129)

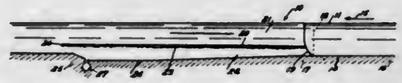


A cord equalizer for Venetian blinds comprising a clamping plate of substantially flat form provided with substantially rectangular clamping openings extending rectilinearly thereof and spaced from each other in the direction of the ends of the plate, said openings having entrance portions leading from a lateral edge of the plate and of smaller diameter than the width of the openings in the direction of the length of the said plate, adapted to be combined with two cord elements passing first through one opening and laced past the side of the middle part of the plate between the openings and then passed through the other opening, each of the said entrance portions to the openings tapering toward the corresponding associated opening from a side portion of the plate and being formed at opposite portions of its inner end and facing toward the said corresponding opening with projections adapted to imbed in the cord members located in said corresponding opening at the inner extremity of each tapered portion, the entrance portions to the openings of the plate leading from opposite side edges thereof so that the plate is of generally S-shaped form in contour, and the two cord elements being adapted to be side by side and of greater transverse diameter than each opening through which they pass so as to be compressed in each opening thereby causing biting engagement of the projections into the cord elements adjacent thereto.

2,438,102
COLOR STABILIZATION OF VINYL HALIDE RESINS
Fred W. Cox, Cuyahoga Falls, and James M. Wallace, Jr., Akron, Ohio, assignors to Wingfoot Corporation, Akron, Ohio, a corporation of Delaware
No Drawing. Application June 25, 1945, Serial No. 601,548
9 Claims. (Cl. 260—78.5)

1. A vinyl halide resin capable of resisting discoloration upon heating which comprises a polymer of from 70 to 100 percent of a vinyl halide and up to 30 percent of another polymerizable mono-olefinic compound, said resin containing intimately dispersed therein from 0.05 to 10 percent by weight of the polymer content, of a compound of the group consisting of magnesium salicylate and alkaline earth metal salicylates.

2,438,103
APPARATUS FOR REGULATING WATER STREAMS AND SAND CLEARING DEVICES
Elisée Montagné, Saint-Girons, France, assignor to Societe L'Entreprise Industrielle, Paris, France, a corporation of France
Application November 20, 1945, Serial No. 629,826
In France July 9, 1941
Section 1, Public Law 690, August 8, 1946, Patent expires October 23, 1964
11 Claims. (Cl. 61—1)

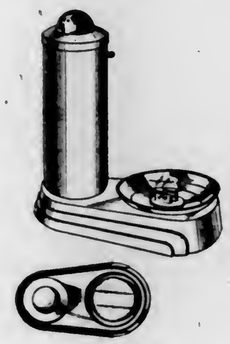


8. Means for clearing suspended matter from a stream of liquid, which means includes: walls forming a first channel section adapted to receive said stream, said first channel section having a substantially constant cross section and gradient and having a length which is large relative to the cross sectional dimensions of said channel; walls forming a second channel section as a downstream continuation of said first channel section, a substantially horizontal plate supported in said second channel section submerged in said flowing stream and adapted to separate said stream into an upper stratum and a lower stratum; walls forming a transverse trench in the bottom of said second channel portion under said plate near the downstream end thereof; walls forming in the bottom of said second channel section a passage of increasing cross section for said lower stratum for a substantial distance of the portion upstream from said trench and diminishing cross section area downstream from said trench; and walls forming an outlet from said trench and adapted to permit the flushing of sand therefrom.

DESIGNS

MARCH 16, 1948

148,971
DESIGN FOR A COMBINATION ASH TRAY AND LIGHT
George David Amato, Astoria, Oreg.
Application October 30, 1946, Serial No. 134,378
Term of patent 14 years
(Cl. D48—20)



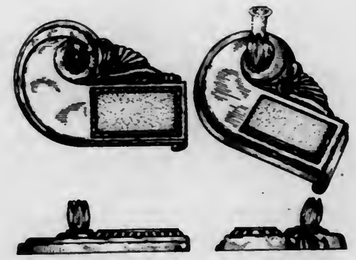
The ornamental design for a combination ash tray and light, as shown.

148,972
DESIGN FOR A CALENDAR STAND
Boris Blecher, Philadelphia, Pa.
Application November 1, 1946, Serial No. 134,442
Term of patent 14 years
(Cl. D74—5)



The ornamental design for a calendar stand, as shown and described.

148,973
DESIGN FOR A PENHOLDER
Boris Blecher, Philadelphia, Pa.
Application November 1, 1946, Serial No. 134,446
Term of patent 14 years
(Cl. D74—1)



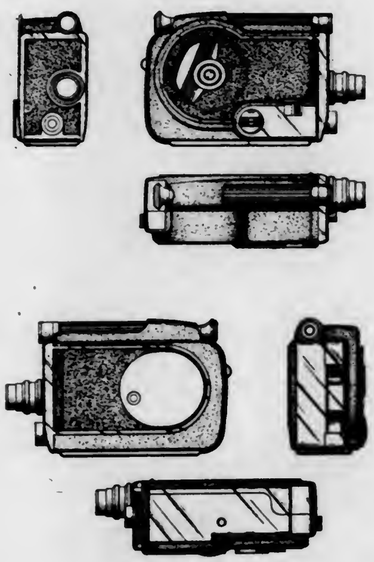
The ornamental design for a pen holder, as shown and described.

148,974
DESIGN FOR A SPECTACLE FRAME
Georges Bolle, Church Way, Wellingborough, England, assignor to Thurgar Bolle Limited, Church Way, Wellingborough, England, a British company
Application June 16, 1947, Serial No. 139,704
Term of patent 14 years
(Cl. D57—1)



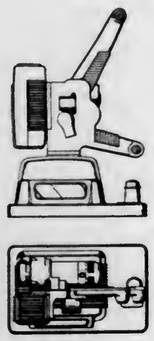
The ornamental design for a spectacle frame, as shown.

148,975
DESIGN FOR A CAMERA
Jack Briskin and Joseph J. Golick, Chicago, Ill., assignors to Revere Camera Company, Chicago, Ill., a corporation of Delaware
Application November 7, 1947, Serial No. 142,374
Term of patent 14 years
(Cl. D61—1)

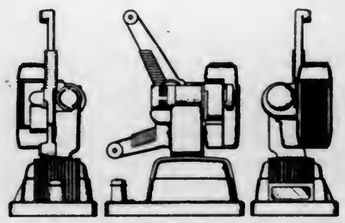


The ornamental design for a camera, as shown.

148,976
DESIGN FOR A MOVIE PROJECTOR
Jack Briskin and Conrad Peto, Chicago, Ill., assignors to Revere Camera Company, Chicago, Ill., a corporation of Delaware
Application November 7, 1947, Serial No. 142,375
Term of patent 14 years
(Cl. D61—1)

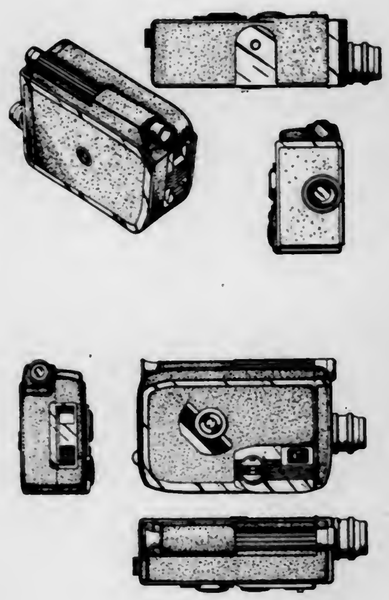


148,976—Continued



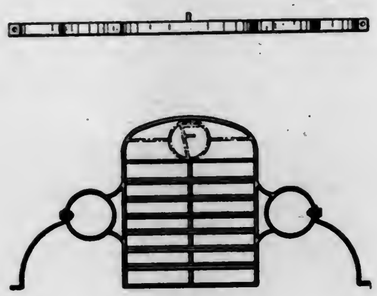
The ornamental design for a movie projector, as shown.

148,977
DESIGN FOR A CAMERA
Jack Briskin and Joseph J. Golick, Chicago, Ill. assignors to Revere Camera Company, Chicago, Ill., a corporation of Delaware
Application November 7, 1947, Serial No. 142,376
Term of patent 14 years
(Cl. D61—1)



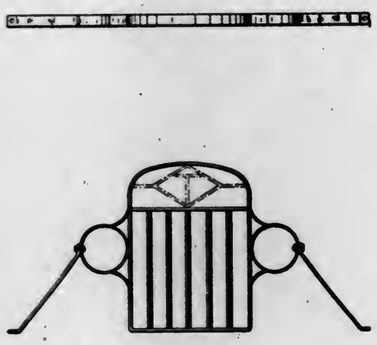
The ornamental design for a camera, as shown.

148,978
DESIGN FOR AN AUTOMOBILE RADIATOR GUARD
Leopold Bustin, Mamaroneck, N. Y.
Application October 1, 1946, Serial No. 133,681
Term of patent 3½ years
(Cl. D14—18)



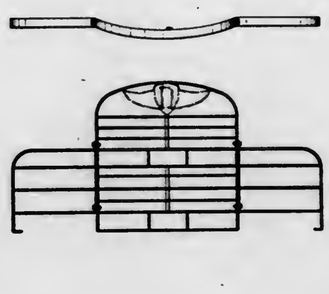
The ornamental design for an automobile radiator guard, substantially as shown and described.

148,979
DESIGN FOR AN AUTOMOBILE RADIATOR GUARD
Leopold Bustin, Mamaroneck, N. Y.
Application October 1, 1946, Serial No. 133,682
Term of patent 3½ years
(Cl. D14—18)



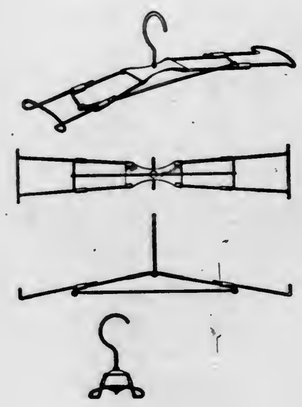
The ornamental design for an automobile radiator guard, substantially as shown and described.

148,980
DESIGN FOR AN AUTOMOBILE RADIATOR GUARD
Leopold Bustin, Mamaroneck, N. Y.
Application November 26, 1946, Serial No. 135,087
Term of patent 3½ years
(Cl. D14—18)



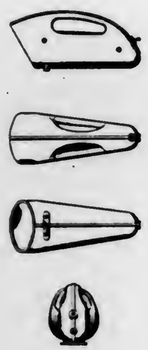
The ornamental design for an automobile radiator guard, substantially as shown and described.

148,981
DESIGN FOR A COAT HANGER
John Martin Cless, West Los Angeles, Calif.
Application January 2, 1947, Serial No. 135,889
Term of patent 3½ years
(Cl. D80—8)



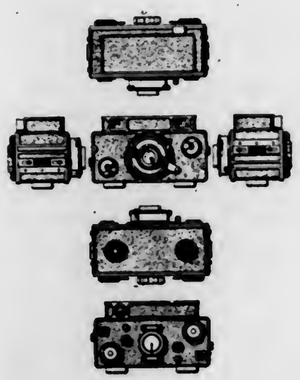
The ornamental design for a coat hanger, substantially as shown.

148,982
DESIGN FOR A LAMP CASING
Charles M. Cruze, Los Angeles, Calif., assignor to The Birtcher Corporation, Los Angeles, Calif., a corporation of California
Application August 26, 1946, Serial No. 132,870
Term of patent 7 years
(Cl. D48—20)



The ornamental design for a lamp casing, substantially as shown.

148,983
DESIGN FOR A CAMERA
Gustave Fassin, Los Gatos, Calif., assignor to Adel Precision Products Corp., Burbank, Calif., a corporation of California
Application February 14, 1947, Serial No. 136,919
Term of patent 14 years
(Cl. D61—1)



The ornamental design for a camera, as shown.

148,984
DESIGN FOR A TABLE FORK
John Gordon Fenety, New York, N. Y.
Application April 26, 1946, Serial No. 129,004
Term of patent 14 years
(Cl. D54—12)



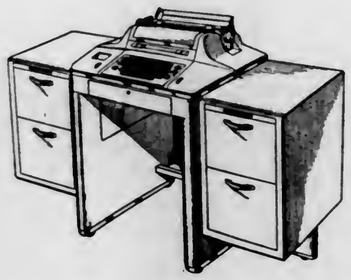
The ornamental design for a table fork, substantially as shown.

148,985
DESIGN FOR A COMBINED TYPEWRITER AND SUPPORT THEREFOR
Frederic S. Grover and Kenneth D. Maier, Rochester, N. Y., assignors to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application November 7, 1946, Serial No. 134,598
Term of patent 14 years
(Cl. D64—11)



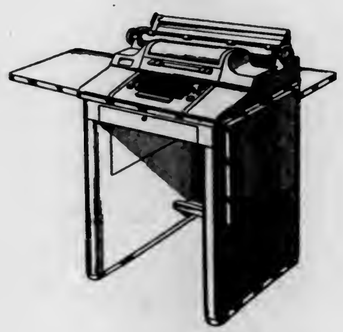
The ornamental design for a combined typewriter and support therefor, substantially as shown and described.

148,986
DESIGN FOR A COMBINED TYPEWRITER AND DESK SUPPORT THEREFOR
Frederic S. Grover, Rochester, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application November 7, 1946, Serial No. 134,599
Term of patent 14 years
(Cl. D64—11)



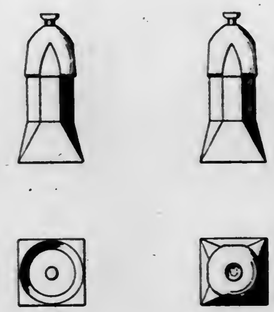
The ornamental design for a combined typewriter and desk support therefor, substantially as shown and described.

148,987
DESIGN FOR A COMBINED TYPEWRITER AND DESK SUPPORT THEREFOR
Frederic S. Grover, Rochester, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application November 7, 1946, Serial No. 134,600
Term of patent 14 years
(Cl. D64—11)



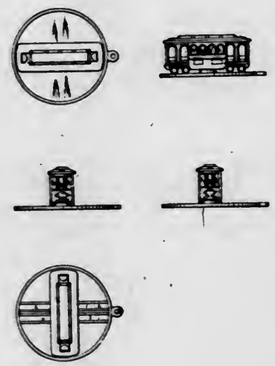
The ornamental design for a combined typewriter and desk support therefor, substantially as shown and described.

148,988
DESIGN FOR A SALT AND PEPPER DISPENSER
Frederick P. Hamrah, near Charlotte, N. C.
Application November 30, 1946, Serial No. 135,189
Term of patent 3½ years
(Cl. D44—22)



The ornamental design for a salt and pepper dispenser, substantially as shown.

148,989
DESIGN FOR A PENDANT OR SIMILAR ARTICLE
King Harrington, San Francisco, Calif.
Application August 30, 1946, Serial No. 132,990
Term of patent 14 years
(Cl. D45—17)



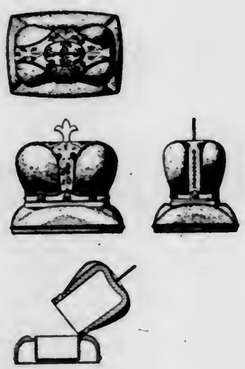
The ornamental design for a pendant or similar article, substantially as shown and described.

148,990
DESIGN FOR A DRESS
Bernard Hurwitz, New York, N. Y.
Application September 8, 1947, Serial No. 141,263
Term of patent 3½ years
(Cl. D3—26)



The ornamental design for a dress, substantially as shown.

148,991
DESIGN FOR A JEWEL BOX OR THE LIKE
Herbert Jacobson, New York, N. Y.
Application April 12, 1947, Serial No. 138,327
Term of patent 14 years
(Cl. D86—9)



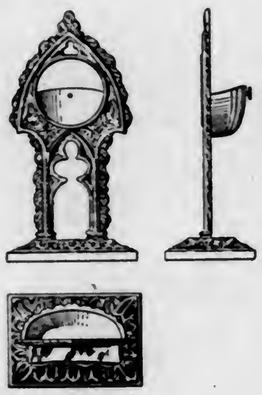
The ornamental design for a jewel box or the like, as shown.

148,992
DESIGN FOR A JEWEL BOX OR THE LIKE
Herbert Jacobson, New York, N. Y.
Application April 12, 1947, Serial No. 138,328
Term of patent 14 years
(Cl. D86—9)



The ornamental design for a jewel box or the like, as shown.

148,993
DESIGN FOR A WATCH STANDARD
Reece W. Johnston and John C. Roberts, Fort Worth, Tex.
Application December 8, 1947, Serial No. 143,024
Term of patent 14 years
(Cl. D42—10)



The ornamental design for a watch standard, as shown.

148,994
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 5, 1947, Serial No. 136,685
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

148,995
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 5, 1947, Serial No. 136,688
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

148,996
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 18, 1947, Serial No. 136,984
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown.

148,997
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 18, 1947, Serial No. 136,987
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

148,998
DESIGN FOR A SEPARABLE BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 18, 1947, Serial No. 136,991
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a separable brooch or similar article, substantially as shown.

148,999
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 18, 1947, Serial No. 136,992
Term of patent 7 years
(Cl. D45—19)



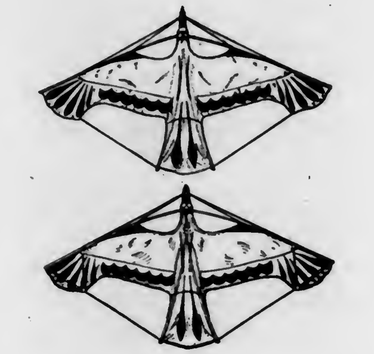
The ornamental design for a brooch or similar article, substantially as shown.

149,000
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 13, 1947, Serial No. 137,576
Term of patent 7 years
(Cl. D45—9)



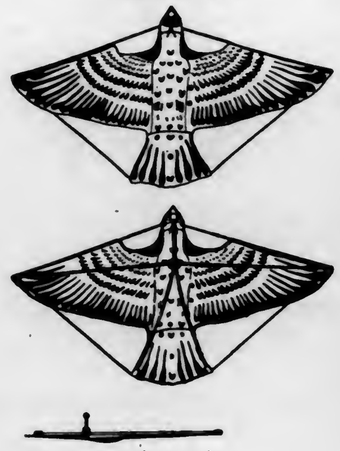
The ornamental design for an earring or similar article, substantially as shown.

149,001
DESIGN FOR A KITE
Sandy Lang, Chicago, Ill.
Application November 14, 1946, Serial No. 134,788
Term of patent 14 years
(Cl. D34—15)



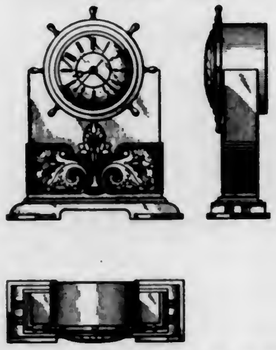
The ornamental design for a kite, substantially as shown.

149,002
DESIGN FOR A KITE
Sandy Lang, Chicago, Ill.
Application November 18, 1946, Serial No. 134,838
Term of patent 14 years
(Cl. D34—15)



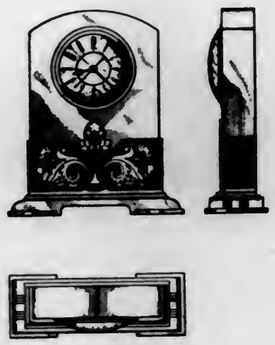
The ornamental design for a kite, substantially as shown.

149,003
DESIGN FOR A CLOCK
Ben Lerman, Chicago, Ill.
Application January 22, 1947, Serial No. 136,297
Term of patent 3½ years
(Cl. D42—7)



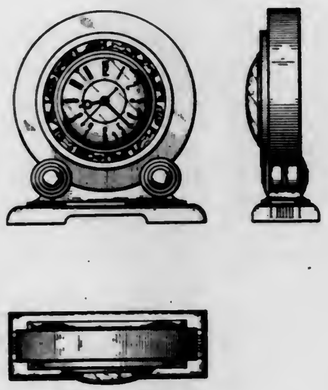
The ornamental design for a clock, substantially as shown.

149,004
DESIGN FOR A CLOCK
Ben Lerman, Chicago, Ill.
Application January 22, 1947, Serial No. 136,298
Term of patent 3½ years
(Cl. D42—7)



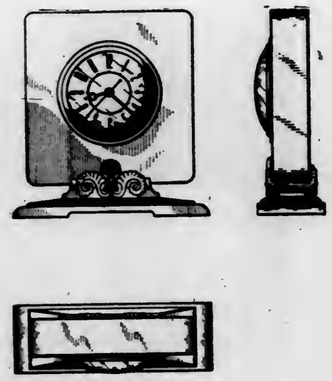
The ornamental design for a clock, substantially as shown.

149,005
DESIGN FOR A CLOCK
Ben Lerman, Chicago, Ill.
Application January 22, 1947, Serial No. 136,300
Term of patent 7 years
(Cl. D42—7)



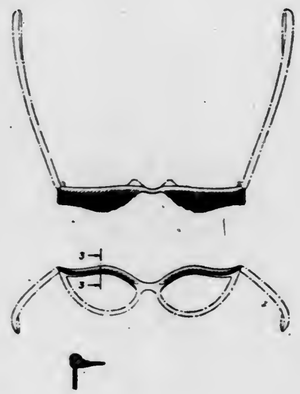
The ornamental design for a clock, substantially as shown.

149,006
DESIGN FOR A CLOCK
Ben Lerman, Chicago, Ill.
Application January 22, 1947, Serial No. 136,301
Term of patent 7 years
(Cl. D42—7)



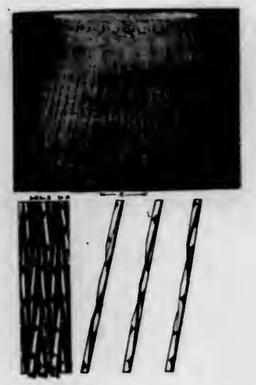
The ornamental design for a clock, substantially as shown.

149,007
DESIGN FOR A SPECTACLE FRAME
Golda Lewis, New York, N. Y.
Application April 24, 1947, Serial No. 138,593
Term of patent 7 years
(Cl. D57—1)



The ornamental design for a spectacle frame, as shown and described.

149,008
DESIGN FOR A LAMP SHADE OR THE LIKE
Louis E. Lindenbaum, Brooklyn, N. Y.
Application March 27, 1946, Serial No. 128,006
Term of patent 7 years
(Cl. D48—16)



The ornamental design for a lamp shade or the like, as shown.

149,009
DESIGN FOR AN ELECTRIC LIGHTING FIXTURE
Max J. Marks and Martin W. Schwartz, Chicago, Ill.
Application July 1, 1946, Serial No. 131,245
Term of patent 14 years
(Cl. D48—4)



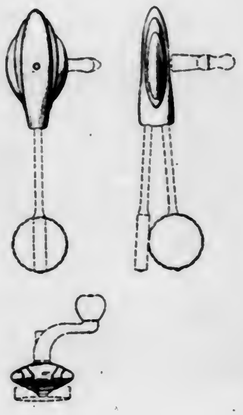
The ornamental design for an electric lighting fixture, as shown.

149,010
DESIGN FOR A TOY FIGURE
Henry A. Nozewski, Detroit, Mich.
Application March 28, 1947, Serial No. 137,995
Term of patent 7 years
(Cl. D34—2)



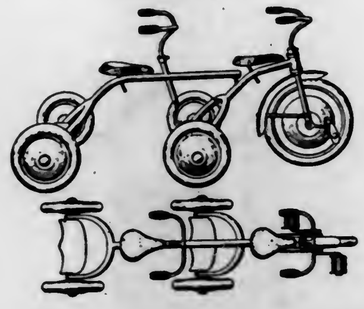
The ornamental design for a toy figure, substantially as shown.

149,011
DESIGN FOR AN EGG BEATER OR THE LIKE
Wayne F. Owens, Sheridan, Wyo., assignor to Boeing Aircraft Company, Seattle, Wash., a corporation of Washington
Application March 23, 1946, Serial No. 127,882
Term of patent 14 years
(Cl. D44—29)



The ornamental design for an egg beater or the like, substantially as shown.

149,012
DESIGN FOR A COMBINED TRICYCLE AND TRAILER
Ralph E. Parker, Wichita, Kans., assignor to J. Paul Carver, Wichita, Kans.
Application September 23, 1946, Serial No. 133,518
Term of patent 7 years
(Cl. D34—15)



The ornamental design for a combined tricycle and trailer, as shown.

149,013
DESIGN FOR A GASOLINE HOIST
Charles F. Peterson, Arlington, Mass., assignor to New England Trawler Equipment Co., Chelsea, Mass., a corporation of Massachusetts
Application April 1, 1946, Serial No. 128,134
Term of patent 14 years
(Cl. D41—1)



The ornamental design for a gasoline hoist, substantially as shown and described.

149,014
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application February 21, 1947, Serial No. 137,058
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

149,015
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application February 21, 1947, Serial No. 137,061
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

149,016
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application February 21, 1947, Serial No. 137,063
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

149,017
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application February 21, 1947, Serial No. 137,064
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

149,018
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application February 28, 1947, Serial No. 137,247
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

149,019
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application February 28, 1947, Serial No. 137,248
Term of patent 7 years
(Cl. D45—9)



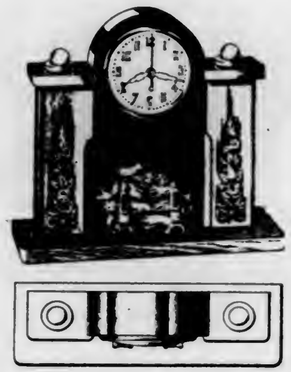
The ornamental design for an earring or similar article, substantially as shown.

149,020
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application February 28, 1947, Serial No. 137,249
Term of patent 7 years
(Cl. D45—19)



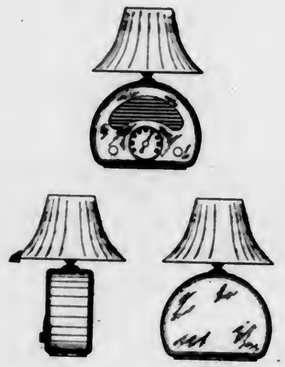
The ornamental design for a brooch or similar article, substantially as shown.

149,021
DESIGN FOR A CLOCK CASE
Joseph F. Punzak and Abraham Levy, Brooklyn, N. Y., assignors to United Metal Goods Manufacturing Co. Inc., Brooklyn, N. Y., a corporation of New York
Application January 14, 1947, Serial No. 136,136
Term of patent 7 years
(Cl. D42—7)



The ornamental design for a clock case, as shown.

149,022
DESIGN FOR A COMBINATION RADIO AND LAMP
James Robinson, Jr., Cleveland, Ohio
Application January 2, 1947, Serial No. 135,902
Term of patent 14 years
(Cl. D56—4)



The ornamental design for a combination radio and lamp, substantially as shown.

149,023
DESIGN FOR A CLASP
Harold C. Rood, Bridgeport, Conn.
Application May 1, 1947, Serial No. 138,745
Term of patent 14 years
(Cl. D17—9)



The ornamental design for a clasp, as shown.

149,024
DESIGN FOR A NEGLIGEE OR SIMILAR ARTICLE
Alexander Roth, New York, N. Y., assignor to Wirth-Gold Underwear Co., Inc., New York, N. Y., a corporation of New York
Application July 3, 1947, Serial No. 140,098
Term of patent 3½ years
(Cl. D3—26)



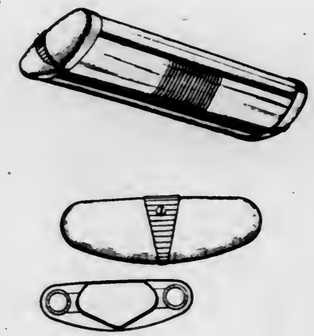
The ornamental design for a negligee or similar article, substantially as shown.

149,025
DESIGN FOR A HAIRPIN OR SIMILAR ARTICLE
Lester T. Sawyer, Leominster, Mass.
Application April 13, 1946, Serial No. 128,577
Term of patent 14 years
(Cl. D86—10)



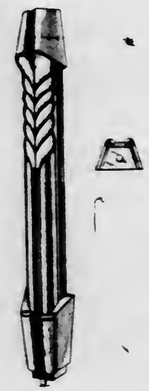
The ornamental design for a hairpin or similar article, substantially as shown and described.

149,026
DESIGN FOR AN ELECTRIC LIGHTING FIXTURE
Martin W. Schwartz and Max J. Marks, Chicago, Ill.
Application July 1, 1946. Serial No. 131,244
Term of patent 14 years
(Cl. D48—4)



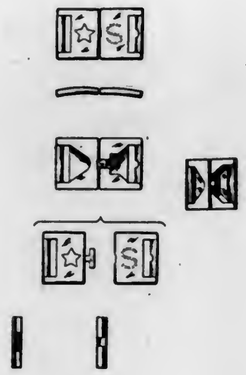
The ornamental design for an electric lighting fixture, as shown.

149,027
DESIGN FOR AN ELECTRIC LIGHTING FIXTURE
Martin W. Schwartz and Max J. Marks, Chicago, Ill.
Application July 1, 1946, Serial No. 131,249
Term of patent 14 years
(Cl. D48—4)



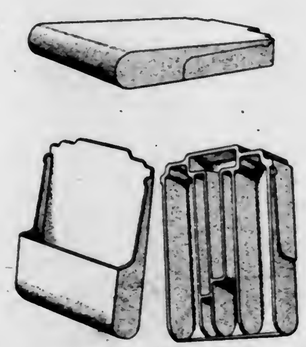
The ornamental design for an electric lighting fixture, as shown.

149,028
DESIGN FOR A BELT BUCKLE
Herbert J. Shepherd, St. Louis, Mo.
Application March 24, 1947, Serial No. 137,837
Term of patent 14 years
(Cl. D17—1)



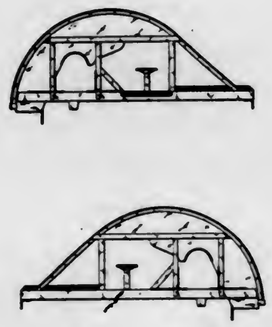
The ornamental design for a belt buckle, as shown and described.

149,029
DESIGN FOR A TOILET KIT
Clyde Sims, Dallas, Tex.
Application March 28, 1946, Serial No. 128,029
Term of patent 14 years
(Cl. D86—10)



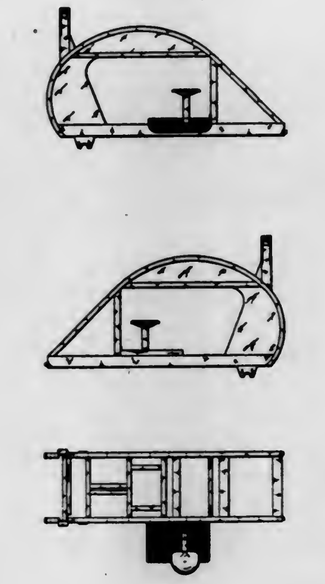
The ornamental design for a toilet kit, as shown.

149,030
DESIGN FOR A TRENCHING MACHINE FRAME
George A. Vaughn, Newton, Iowa
Application November 21, 1946, Serial No. 134,986
Term of patent 14 years
(Cl. D14—3)



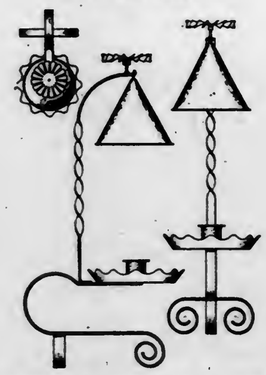
The ornamental design for a trenching machine frame, substantially as shown.

149,031
DESIGN FOR A DITCHING MACHINE FRAME
George A. Vaughn, Newton, Iowa, assignor to The Parsons Company, Newton, Iowa, a corporation
Application November 21, 1946, Serial No. 134,987
Term of patent 14 years
(Cl. D14—3)



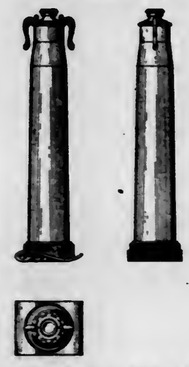
The ornamental design for a ditching machine frame, substantially as shown.

149,032
DESIGN FOR A CANDLESTICK
Michael Vozzella, Malden, Mass.
Application December 4, 1946, Serial No. 135,256
Term of patent 7 years
(Cl. D48—20)



The ornamental design for a candlestick, as shown.

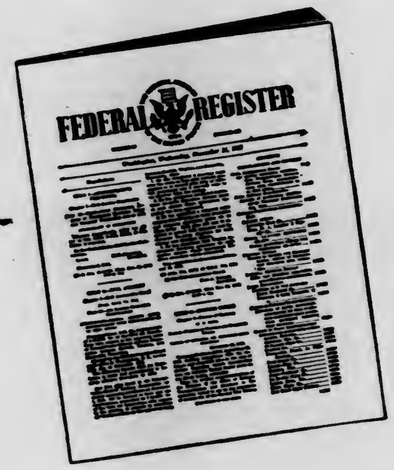
149,033
DESIGN FOR A LAMP BASE
William E. Wagner, Chicago, Ill.
Application August 22, 1946, Serial No. 132,733
Term of patent 7 years
(Cl. D48—20)



The ornamental design for a lamp base, substantially as shown.

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Plant Patents	3—No.	793 to No.	795,	inclusive
Patents	383—No.	2,438,104 to No.	2,438,486,	inclusive
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Patents expiring: Patent Numbers 1,797,218 to 1,798,129, inclusive, issued March 24, 1931, expire March 24, 1948

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

Ackerman, Wayne T., doing business as El Sol Awning Company, Cleveland, Ohio. Metallic awnings. Serial No. 512,558, Mar. 23. Class 12.

Affiliated Retailers, Inc., New York, N. Y. Ladies' nightgowns, brassières, and girdles. Serial No. 504,144, Mar. 23. Class 39.

Akron Brass Mfg. Company, Inc., assignee: *See*—
Fogg Nozzle Company.

American Artists' Color Works, Inc., Brooklyn, N. Y. Artists' brushes. Serial No. 529,222, Mar. 23. Class 29.

American Greeting Publishers Incorporated, Cleveland, Ohio. Greeting cards. Serial No. 516,753, Mar. 23. Class 38.

American Textile Company, Inc., Pawtucket, R. I. Lace piece goods. Serial No. 504,728, Mar. 23. Class 42.

American Woolen Company, New York, N. Y. Woolen piece goods. Serial No. 510,468, Mar. 23. Class 42.

Arnot & Company, Baltimore, Md. Beds, portable couches and settees. Serial No. 498,383, Mar. 23. Class 32.

Atlantic Commission Co. Inc., New York, N. Y. Salted peanuts, roasted peanuts, walnut meats, etc. Serial No. 527,814, Mar. 23. Class 46.

Atlantic Refining Company, The, Philadelphia, Pa. Non-stripping asphalt. Serial No. 492,613, Mar. 23. Class 12.

Atlas Lingerie Co., New York, N. Y. Lingerie. Serial No. 530,280, Mar. 23. Class 39.

Ayerst, McKenna & Harrison Limited, New York and Rouses Point, N. Y. Nickel pectinate compound. Serial No. 534,409, Mar. 23. Class 6.

Baash-Ross Tool Company, Los Angeles, Calif. Oil well equipment, tools and accessories. Serial No. 513,378, Mar. 23. Class 23.

Back, Leigh S., doing business as S. Back Company, New York, N. Y. Fountain pens and mechanical pencils. Serial No. 507,612, Mar. 23. Class 37.

Back, S., Company: *See*—
Back, Leigh S.

Bastard, J. & W., Limited, Leicester, England. Yarns and threads. Serial No. 521,428, Mar. 23. Class 43.

Bauer's: *See*—
House of Bauer, The.

Becky's: *See*—
Grunder, Mildred R.

Bell, Frank F., doing business as Bellvue Orchards, Raymondville, Tex. Fresh citrus fruits and vegetables. Serial No. 520,925, Mar. 23. Class 46.

Bellvue Orchards: *See*—
Bell, Frank F.

Bemis Bro. Bag Company, St. Louis, Mo. Waterproof shipping bags. Serial No. 526,817, Mar. 23. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Bags. Serial Nos. 526,818–19, Mar. 23. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Open mesh woven textile bags. Serial No. 526,820, Mar. 23. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Fabric bags. Serial No. 526,850, Mar. 23. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Paper bags. Serial No. 526,851, Mar. 23. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Waterproof bags. Serial No. 526,854, Mar. 23. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Paper bags. Serial No. 526,872, Mar. 23. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Parcel-post mailing-envelopes. Serial No. 526,896, Mar. 23. Class 2.

Bonheur Co.: *See*—
Hall, Bertrand W.

Boretz, Abraham, doing business as Boretz Manufacturing Company, New York, N. Y. Trunks, traveling bags, pocketbooks, etc. Serial No. 518,747, Mar. 23. Class 3.

Boretz Manufacturing Company: *See*—
Boretz, Abraham.

Brethren in Christ Publication Board, Inc., Elizabethtown, Pa., doing business as The Christian Light Press. Greeting cards, religious pictures, mottoes, etc. Serial No. 520,142, Mar. 23. Class 38.

Brown, L. L., Paper Company, Adams, Mass. Writing paper and correspondence envelopes. Serial No. 528,907, Mar. 23. Class 37.

Brown Manufacturing Company, Clinton, Mo. Fireworks. Serial No. 519,851, Mar. 23. Class 9.

Burma-Vita Company, Minneapolis, Minn. Tooth powder. Serial No. 503,864, Mar. 23. Class 6.

Burnstine, Mack M., Los Angeles, Calif. Finger rings, wedding rings, ornamental pins, etc. Serial No. 517,772, Mar. 23. Class 28.

Campana Sales Company, doing business as Old South Perfumers, Batavia, Ill. Colognes, perfumes, lotions, etc. Serial No. 533,139, Mar. 23. Class 6.

Carbide and Carbon Chemicals Corporation, New York, N. Y. Agricultural fungicides. Serial No. 536,495, Mar. 23. Class 6.

Carnegie, Hattie, Inc., New York, N. Y. Perfumes. Serial Nos. 537,981–2, Mar. 23. Class 6.

Carter Products, Inc., New York, N. Y. Depilatory. Serial No. 528,430, Mar. 23. Class 6.

Christian Light Press, The: *See*—
Brethren In Christ Publication Board, Inc.

Circo Products Company, Cleveland, Ohio. Degreasers. Serial No. 514,251, Mar. 23. Class 23.

Cleevelandt Corporation, New York, N. Y. Fountain pens. Serial No. 513,555, Mar. 23. Class 37.

Columbus Coated Fabrics Corporation, Columbus, Ohio. Plastic coated textile fabrics of cotton and plastic film. Serial No. 517,457, Mar. 23. Class 42.

Colwell Products Co.: *See*—
Colwell, Ruby F.

Colwell, Ruby F., doing business as Colwell Products Co., Los Angeles, Calif. Garment hangers. Serial No. 510,829, Mar. 23. Class 50.

Comart, Roy, doing business as Seatsaver Company, New York, N. Y. Painted display cards. Serial No. 501,717, Mar. 23. Class 38.

Conley, Phil, Charleston, W. Va. Publications. Serial No. 520,796, Mar. 23. Class 38.

Consolidated Cosmetics, Chicago, Ill. Toilet soap and laundry soap. Serial No. 500,796, Mar. 23. Class 4.

Continental Coffee Company, Inc., Chicago, Ill. Soup mix. Serial No. 501,957, Mar. 23. Class 46.

Corbitt, John C., Nashville, Tenn. Remedy for athlete's foot. Serial No. 503,428, Mar. 23. Class 6.

Crucible Steel Company of America, New York, N. Y. Steel rods, bars, plates, etc. Serial No. 524,863, Mar. 23. Class 14.

Culligan Zeolite Company, Northbrook, Ill. Water softening materials. Serial No. 515,085, Mar. 23. Class 6.

Curtis, Helene, Industries, Inc.: *See*—
National Mineral Company, The.

Cutter Laboratories, Berkeley, Calif. Aluminum hydroxide adsorbed biological products. Serial No. 509,640, Mar. 23. Class 6.

Darworth Incorporated, Simsbury, Conn. Insecticides. Serial No. 525,304, Mar. 23. Class 6.

Diana Manufacturing Co., Green Bay, Wis. Crystal-like paper. Serial No. 511,937, Mar. 23. Class 37.

Diversey Corporation, The, Chicago, Ill. Cleaning compound. Serial No. 496,070, Mar. 23. Class 4.

Dollar, Robert, Co., The, San Francisco, Calif. Water transportation of cargo and passengers. Serial No. 527,387, Mar. 23. Class 55.

Dollar, Robert, Co., The, San Francisco, Calif. Water transportation of cargo and passengers. Serial No. 527,395, Mar. 23. Class 55.

Downing, Paul, doing business as The London Manufacturing Chemists, Portland, Oreg. Cosmetic preparations, preparations for the hair, and preparations for permanent waving of the hair. Serial No. 501,836, Mar. 23. Class 6.

Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Fabric cleaner, pre-wax cleaner, chrome polish. Serial No. 513,613, Mar. 23. Class 4.

Elite Watch Case Corp., New York, N. Y. Watch cases. Serial No. 515,747, Mar. 23. Class 27.

El Sol Awning Company: *See*—
Ackerman, Wayne T.

Engineering Products Company, Chicago, Ill. Material conveyors. Serial No. 523,252, Mar. 23. Class 23.

Ernst Slide Fastener Co., Inc., New York, N. Y. Separable fasteners. Serial No. 521,512, Mar. 23. Class 13.

Eutectic Welding Alloys Corporation, New York, N. Y. Alloys. Serial No. 503,716, Mar. 23. Class 14.

Evkob Watch Co., New York, N. Y. Watches. Serial No. 527,044, Mar. 23. Class 27.

First National Laboratories, Inc., Lehighton, Pa. Preparation used in the treatment of coughs. Serial No. 537,032, Mar. 23. Class 6.

Fog Nozzle Company, Los Angeles, Calif., assignor to Akron Brass Mfg. Company, Inc., Wooster, Ohio. Spray nozzles. Serial No. 488,212, Mar. 23. Class 13.

Frank, Philip, New York, N. Y. Monthly periodical. Serial No. 519,937, Mar. 23. Class 38.

Gade, John P., doing business as The Gade Piano Manufacturing Company, Toledo, Ohio. Pianos. Serial No. 518,595, Mar. 23. Class 36.

Gade Piano Manufacturing Company, The: *See*—
Gade, John P.

Gas Machinery Company, The, Cleveland, Ohio. Fuel gas generating and treating apparatus, industrial furnaces, etc. Serial No. 504,042, Mar. 23. Class 34.

General Chemical Company, New York, N. Y. Liquid sulphur trioxide. Serial No. 518,400, Mar. 23. Class 6.

Georgia Marble Company, The, Tate, Ga. Marble. Serial Nos. 529,628–9, Mar. 23. Class 12.

Givaudan-Delawanna, Inc., New York, N. Y. Therapeutic chemical. Serial No. 528,345, Mar. 23. Class 6.

Glemby Company, Inc., The, New York, N. Y. Combs. Serial No. 533,674, Mar. 23. Class 40.

Globe American Corporation, Kokomo, Ind. Gas cooking ranges. Serial No. 530,497, Mar. 23. Class 34.
Globe-Union Inc., Milwaukee, Wis. Ceramic capacitors. Serial No. 529,632, Mar. 23. Class 21.
Goldblum, Sidney, doing business as Majestic Drug Co., New York, N. Y. Bath salts. Serial No. 493,763, Mar. 23. Class 6.
Golden State Company, Ltd., San Francisco, Calif. Powdered milk product. Serial No. 523,309, Mar. 23. Class 46.
Gold Seal Company, Bismarck, N. Dak. Glass cleaner and polish. Serial No. 541,384, Mar. 23. Class 4.
Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Pneumatic tires. Serial No. 528,269, Mar. 23. Class 35.
Grady-Travers Company, Incorporated, The, New York, N. Y. Manila rope. Serial No. 528,784, Mar. 23. Class 7.
Grady-Travers Company, Incorporated, The, New York, N. Y. Cotton and manila fibre rope. Serial No. 528,787, Mar. 23. Class 7.
Graino, Victoriano S., Madrid, Spain. Books, periodicals, catalogues, etc. Serial No. 485,517, Mar. 23. Class 38.
Great Atlantic & Pacific Tea Company, The, New York, N. Y. Cattle food. Serial No. 527,349, Mar. 23. Class 46.
Great Atlantic & Pacific Tea Company, The, New York, N. Y. Coffee. Serial No. 527,358, Mar. 23. Class 46.
Grunder, Mildred R., doing business as Becky's, Anderson, Ind. Root beer beverage base. Serial No. 524,322, Mar. 23. Class 45.
Gulf Oil Corporation, Pittsburgh, Pa. Industrial naphtha. Serial No. 515,173, Mar. 23. Class 15.
Guy, Ralph I., doing business as The Rig Company, Glendale, Calif. Combination of vitamins A and D. Serial No. 513,308, Mar. 23. Class 6.
Guy, Ralph I., doing business as The Rig Company, Glendale, Calif. Concentrated vitamin A in capsule form. Serial No. 513,309, Mar. 23. Class 6.
Hall, Bertrand W., doing business as Bonheur Co., New York, N. Y. Preparation in cream form. Serial No. 528,474, Mar. 23. Class 6.
Halsey Products Company, Cedar Knolls, N. J. Powdered compositions to be applied to the backs of rugs to prevent slipping. Serial No. 523,144, Mar. 23. Class 4.
Hamilton, J. D., Fruit Co.: *See*—
Hamilton, John D.
Hamilton, John D., doing business as J. D. Hamilton Fruit Co., Wenatchee, Wash. Fresh apples. Serial No. 498,516, Mar. 23. Class 46.
Hanchett Manufacturing Company, Big Rapids, Mich. Saw swages, saw hammers, brazing tongs, etc. Serial No. 520,276, Mar. 23. Class 23.
Harrison, Charles, Corporation, Lockport, N. Y. Emulsified preparation. Serial No. 537,688, Mar. 23. Class 6.
Hartmann Company, Racine, Wis. Suitcases, luggage-carrying cases, and wardrobe suitcases. Serial No. 505,898, Mar. 23. Class 3.
Higgins, Inc., New Orleans, La. Plywood furniture. Serial No. 505,203, Mar. 23. Class 32.
Home Gas Company, Minneapolis, Minn. Liquid petroleum gas. Serial No. 516,415, Mar. 23. Class 6.
Hough Shade Corporation, Janesville, Wis. Window curtains. Serial No. 535,966, Mar. 23. Class 42.
House of Bauer, The, doing business as Bauer's, Lincoln, Nebr. Candy. Serial Nos. 531,007–8, Mar. 23. Class 46.
Hubbard Paints Company, Inc., Bremen, Ga. Men's and boys' pants, slack suits, and sport shirts. Serial No. 529,522, Mar. 23. Class 39.
Industrial Products Suppliers, New York, N. Y. Shim stock, gaskets, non-metallic washers, and shims. Serial No. 499,497, Mar. 23. Class 35.
Intertype Corporation, Brooklyn, N. Y. Channeled or partitioned magazines, trays or similar storage receptacles. Serial No. 514,956, Mar. 23. Class 32.
Italian Cook Oil Corp., Brooklyn, N. Y. Mixture of corn and cottonseed oils. Serial No. 484,958, Mar. 23. Class 46.
Ivanhoe Foods Inc., Auburn, N. Y. Mayonnaise, salad dressing, sandwich spreads, etc. Serial No. 513,182, Mar. 23. Class 46.
Jackson Oil Company, Inc., New Orleans, La. Motor oil. Serial No. 520,457, Mar. 23. Class 15.
Jaybra Products, Inc., New York, N. Y. Powder and hair lotion. Serial No. 499,711, Mar. 23. Class 6.
Johnson, Aaron E., doing business as Aaron E. Johnson Jly. Mfg. Co., Minneapolis, Minn. Finger rings. Serial No. 527,371, Mar. 23. Class 28.
Johnson, Aaron E., Jly. Mfg. Co.: *See*—
Johnson, Aaron E.
Johnson, Charles W., doing business as Johnson Novelty Co., Danville, Pa. Garment hangers. Serial No. 509,220, Mar. 23. Class 50.
Johnson Novelty Co.: *See*—
Johnson, Charles W.
Josef Knitted Fabrics Company Incorporated, West Warren, Mass., and New York, N. Y. Knitted fabrics of cotton, wool, rayon, etc. Serial No. 535,159, Mar. 23. Class 42.
Kay, Herman, Co.: *See*—
Kringstein, Herman.
Kayser, Julius, & Co., New York, N. Y. Fabric gloves. Serial No. 529,657, Mar. 23. Class 39.
Keys & Lockwood, New York, N. Y. Woven neckties. Serial No. 514,045, Mar. 23. Class 39.
Kringstein, Herman, doing business as Herman Kay Co., New York, N. Y. Raincoats. Serial No. 521,520, Mar. 23. Class 39.
Lambert Products, Inc., Dayton, Ohio. Hand and power lawn mowers. Serial No. 503,378, Mar. 23. Class 23.
La Vida Bottling Co., Inc., Fullerton, Calif. Mineral water, maltless soft drinks, and carbonated waters. Serial No. 505,420, Mar. 23. Class 45.
Leading Foundations Co., Inc., New York, N. Y. Lingerie. Serial No. 531,218, Mar. 23. Class 39.
Lees, J. B. & S., Ltd., West Bromwich, England. Steel strip. Serial No. 518,406, Mar. 23. Class 14.
Lees, J. B. & S., Ltd., West Bromwich, England. Steel strip. Serial No. 521,134, Mar. 23. Class 14.
"Linda" Company, The, Los Angeles, Calif. Robes, negligees, lounging pajamas, etc. Serial No. 530,532, Mar. 23. Class 39.
London Manufacturing Chemists, The: *See*—
Downing, Paul.
M & R Dietetic Laboratories, Inc., Columbus, Ohio. Ice cream mix. Serial No. 508,912, Mar. 23. Class 46.
Majestic Drug Co.: *See*—
Goldblum, Sidney.
Man-U-L-Craft Engineering and Manufacturing Company: *See*—
Morley, Herbert.
Martin, Glenn L., Company, The, Middle River, and Baltimore, Md. Photographic emulsion. Serial No. 502,705, Mar. 23. Class 6.
Mast, J. B., Co. Inc., New York, N. Y. Rain covers for hats. Serial No. 500,761, Mar. 23. Class 39.
McKay Products Corporation, The, Baltimore, Md. Ladies' and children's underwear. Serial No. 539,537, Mar. 23. Class 39.
Mead Johnson & Company, Evansville, Ind. Pharmaceutical preparation. Serial No. 520,638, Mar. 23. Class 6.
Metal Office Furniture Company, Grand Rapids, Mich. Cabinets built into doors. Serial No. 520,640, Mar. 23. Class 12.
Metals & Controls Corporation, Attleboro, Mass. Thermostatic metal. Serial No. 527,119, Mar. 23. Class 14.
Meyer, Joseph H., Bros., Brooklyn, N. Y. Necklaces, bracelets, finger rings, etc. Serial No. 505,434, Mar. 23. Class 28.
Mido Products, Torrance, Calif. Deodorant and disinfectant compositions. Serial No. 523,973, Mar. 23. Class 6.
Miller, E. S., Laboratories, Inc., Los Angeles, Calif. Iron, vitamin, and liver preparation. Serial No. 527,690, Mar. 23. Class 6.
Miller, James L., New York, N. Y. Chemicals used for moth-proofing. Serial No. 510,334, Mar. 23. Class 6.
Modern Bedding, Inc., Detroit, Mich. Mattresses and pillows. Serial No. 525,919, Mar. 23. Class 32.
Monarch Watch Co., Inc., New York, N. Y. Watches, watch movements, and watch cases. Serial No. 530,106, Mar. 23. Class 27.
Monsanto Chemical Company, St. Louis, Mo. Solvent. Serial No. 529,801, Mar. 23. Class 6.
Monte Caccino Wine Co., Inc., Covington, Ky. Wines. Serial No. 516,560, Mar. 23. Class 47.
Morehouse, John D., Oakhurst, Calif. Handbags, key cases, coin purses, etc. Serial No. 514,715, Mar. 23. Class 3.
Morgan-Rice Coat and Suit Company, Kansas City, Mo. Coats and suits. Serial No. 525,231, Mar. 23. Class 39.
Morley, Herbert, doing business as Man-U-L-Craft Engineering and Manufacturing Company, Detroit, Mich. Bench type saws. Serial No. 501,862, Mar. 23. Class 23.
Mutual Benefit Life Insurance Company, The, Newark, N. J. Services in providing life insurance protection and guaranteed income. Serial No. 527,584, Mar. 23. Class 55.
Myers, E., Lye Corporation, St. Louis, Mo. Chlorinated lime. Serial No. 529,916, Mar. 23. Class 6.
National Carbon Company, Inc., New York, N. Y. Accelerator. Serial No. 525,922, Mar. 23. Class 6.
National Drug Company, The, Philadelphia, Pa. Lozenges. Serial No. 511,176, Mar. 23. Class 6.
National Mineral Company, The, Chicago, Ill., now by change of name, Helene Curtis Industries, Inc. Lipsticks. Serial No. 487,857, Mar. 23. Class 6.
Nedlog Company, The, Chicago, Ill. Carbonated and non-carbonated non-alcoholic beverages. Serial No. 518,965, Mar. 23. Class 45.
Neville, Ames Harris, Co., San Francisco, Calif. Tents, awnings, and sun canopies. Serial No. 513,933, Mar. 23. Class 50.
New Yorker Magazine, Inc., The, New York, N. Y. Magazine column. Serial No. 521,979, Mar. 23. Class 38.
Oakes & Company, Chicago, Ill. Milk pails, milk cans, hand-operated oilers, etc. Serial No. 525,378, Mar. 23. Class 2.
Obear-Nester Glass Co., East St. Louis, Mo. Glass bottles. Serial No. 530,242, Mar. 23. Class 33.
Ohio Brass Company, The, Mansfield, Ohio. Electric car couplers, etc. Serial No. 514,218, Mar. 23. Class 21.

Old South Perfumers: *See*—
Campana Sales Company.
Olin Industries, Inc., East Alton, Ill. Detonators. Serial No. 513,196, Mar. 23. Class 9.
Ornstein, D., & Sons Corp., New York, N. Y. Watch cases. Serial No. 521,205, Mar. 23. Class 27.
P & H Products, Inc., Memphis, Tenn. Paint cleaners. Serial No. 507,141, Mar. 23. Class 4.
Packer, Benjamin M., doing business as Peerless Mattress Company, Philadelphia, Pa. Mattresses. Serial No. 509,871, Mar. 23. Class 32.
Parents' Institute, Inc., The, New York, N. Y. Magazine. Serial No. 535,600, Mar. 23. Class 38.
Parke, Davis & Company, Detroit, Mich. Preparation used as a vasodilator. Serial No. 536,126, Mar. 23. Class 6.
Paulus, Don, doing business as Don Paulus Company, El Centro, Calif. Fresh melons and fresh vegetables. Serial No. 529,197, Mar. 23. Class 46.
Paulus, Don, Company: *See*—
Paulus, Don.
Peerless Mattress Company: *See*—
Packer, Benjamin M.
Perkins, Dan, Company, The, Memphis, Tenn. Curing compound. Serial No. 503,666, Mar. 23. Class 6.
Pfizer, Chas., & Co., Inc., New York, N. Y. Penicillin preparation. Serial No. 526,913, Mar. 23. Class 6.
Plastic Film Corporation, New York, N. Y. Thin plastic films or sheets, with and without cloth backing. Serial Nos. 513,531–2, Mar. 23. Class 42.
Platt-Horner, Inc., New York, N. Y. Junior misses' dresses. Serial No. 525,104, Mar. 23. Class 39.
Premier Peat Moss Corporation, New York, N. Y. Peat moss for fertilizers, combination fertilizer and soil conditioner, etc. Serial No. 523,703, Mar. 23. Class 10.
Progressive Musical Instrument Corporation, New York, N. Y. Banjo heads and drumheads. Serial No. 514,291, Mar. 23. Class 36.
Progressive Musical Instrument Corporation, New York, N. Y. Ukuleles, banjo ukuleles, and mouth harmonicas. Serial No. 514,301, Mar. 23. Class 36.
Pro-Phy-Lac-Tic Brush Company, Northampton, Mass. Insect repellent. Serial No. 517,868, Mar. 23. Class 6.
Quickway Products, Incorporated, Charleston, W. Va. Synthetic compound used as a detergent. Serial No. 508,244, Mar. 23. Class 4.
Quinlan, Kathleen Mary, Inc., New York, N. Y. Skin creams. Serial No. 516,021, Mar. 23. Class 6.
Rabaldo G. M. B. H., Zurich, Switzerland. Razors. Serial No. 512,607, Mar. 23. Class 23.
Redwine & Strain, Inc., Dalton, Ga. Bedspreads. Serial No. 511,289, Mar. 23. Class 42.
Reining, George, doing business as Reining's Physio-Therapy System, Freeport, Ill. Ointment. Serial No. 533,776, Mar. 23. Class 6.
Reining's Physio-Therapy System: *See*—
Reining, George.
Reiss-Premier Corporation, The, West New York, N. J. Smokers' pipes. Serial No. 518,906, Mar. 23. Class 8.
Reiss-Premier Corporation, The, West New York, N. J. Smokers' pipes. Serial No. 518,908, Mar. 23. Class 8.
Reiss-Premier Corporation, The, West New York, N. J. Smokers' pipes. Serial Nos. 521,623–4, Mar. 23. Class 8.
Reynolds Electric Co., Chicago, Ill. Thermostatic flashers. Serial No. 527,920, Mar. 23. Class 21.
Rig Company, The: *See*—
Guy, Ralph I.
Robbins, Anatole, Inc., Los Angeles, Calif. Liquid make-up preparation. Serial No. 521,781, Mar. 23. Class 6.
Rockwell-Barnes Company, Chicago, Ill. Letter trays and card index guides. Serial No. 521,824, Mar. 23. Class 37.
Runnels, G. D., New York, N. Y. Shampoo, flea repellent and insect repellent powder and lotion. Serial No. 513,901, Mar. 23. Class 6.
Sahagen, Robert B., & Company, Inc., Rochdale, Mass. Compressed and liquefied gaseous fuel. Serial No. 516,638, Mar. 23. Class 6.
Sales Affiliates, Inc., New York, N. Y. Oxidizing agent. Serial No. 518,430, Mar. 23. Class 6.
Salsbury's, Dr., Laboratories, Charles City, Iowa. Tonic and alterative. Serial No. 480,527, Mar. 23. Class 6.
Schenley Laboratories, Inc., New York, N. Y. Penicillin. Serial No. 516,581, Mar. 23. Class 6.
Schieren, Chas. A., Company, New York, N. Y. Leather belting, leather pump packing, leather friction disks, etc. Serial No. 530,964, Mar. 23. Class 35.
Schieren, Chas. A., Company, New York, N. Y. Leather belting. Serial No. 530,967, Mar. 23. Class 35.
Schieren, Chas. A., Company, New York, N. Y. Leather belting. Serial No. 530,969, Mar. 23. Class 35.
Schieren, Chas. A., Company, New York, N. Y. Leather belting and leather packing. Serial No. 532,061, Mar. 23. Class 35.
Schoonmaker Laboratories, Inc., Caldwell, N. J. Ointment. Serial No. 528,514, Mar. 23. Class 6.
Seatsaver Company: *See*—
Comart, Roy.
Sexauer, J. A., Mfg. Co. Inc., New York, N. Y. Tank valve bulbs. Serial No. 505,248, Mar. 23. Class 13.
Sharp & Dohme, Incorporated, Philadelphia, Pa. Preparation useful in antibacterial therapy. Serial No. 536,714, Mar. 23. Class 6.
Smith, Albert D., & Co., Inc., New York, N. Y. Book cloth in the piece. Serial No. 503,473, Mar. 23. Class 42.
Solotone Corporation, Los Angeles, Calif. Cabinets. Serial No. 521,034, Mar. 23. Class 32.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Candles. Serial No. 520,536, Mar. 23. Class 15.
Starr Pharmacal Co.: *See*—
Starr, Rose.
Starr, Rose, doing business as Starr Pharmacal Co., New York, N. Y. Preparation for the treatment of obesity. Serial No. 534,203, Mar. 23. Class 6.
Stauffer Chemical Company, San Francisco, Calif. Insecticides. Serial No. 532,357, Mar. 23. Class 6.
Sun Chemical Corporation, New York, N. Y. Oxidized petroleum wax. Serial No. 516,043, Mar. 23. Class 15.
Switzer Brothers, assignor to Switzer Brothers, Inc., Cleveland, Ohio. Ultraviolet lighting equipment. Serial No. 503,480, Mar. 23. Class 21.
Switzer Brothers, Inc., assignee: *See*—
Switzer Brothers.
Tested Features, Kenilworth, Ill. Illustrated features published in newspaper and periodicals. Serial Nos. 528,232–3, Mar. 23. Class 38.
Union Steel Chest Corporation, Leroy, N. Y. Tool chests. Serial No. 513,698, Mar. 23. Class 2.
Van Raalte Company, Inc., New York, N. Y. Women's hosiery and underwear. Serial No. 531,964, Mar. 23. Class 39.
Vermont Store, Inc., The, Northampton, Mass. Wooden bowls, and wooden trays. Serial No. 519,708, Mar. 23. Class 2.
Walker Vitamin Products, Inc., Mount Vernon, N. Y. Capsules containing vitamin A, vitamin D, etc. Serial No. 510,987, Mar. 23. Class 6.
Walker Vitamin Products, Inc., Mount Vernon, N. Y. Medicinal tablets containing vitamins A, B, C, etc. Serial No. 511,308, Mar. 23. Class 6.
Wartes, Lloyd L., Spokane, Wash. Livestock watering apparatus. Serial No. 503,488, Mar. 23. Class 13.
Weiss, Fred, Los Angeles, Calif. Cultured pearls. Serial No. 516,650, Mar. 23. Class 28.
Welcome Wagon Service Company, Inc., New York, N. Y. Periodicals. Serial No. 522,890, Mar. 23. Class 38.
Wimelbacher & Rice, Inc., New York, N. Y. Gloves. Serial No. 520,663, Mar. 23. Class 39.
Wimelbacher & Rice Inc., New York, N. Y. Leather and fabric gloves. Serial No. 538,988, Mar. 23. Class 39.
Wimelbacher & Rice Inc., New York, N. Y. Ladies' leather and fabric gloves. Serial No. 538,991, Mar. 23. Class 39.
Wimelbacher & Rice Inc., New York, N. Y. Leather and fabric gloves. Serial No. 538,992, Mar. 23. Class 39.
Wimelbacher & Rice Inc., New York, N. Y. Ladies' leather and fabric gloves. Serial No. 538,996, Mar. 23. Class 39.
Wimelbacher & Rice Inc., New York, N. Y. Kid and fabric gloves. Serial No. 539,004, Mar. 23. Class 39.
Wimelbacher & Rice Inc., New York, N. Y. Leather and fabric gloves. Serial No. 539,005, Mar. 23. Class 39.
Wimelbacher & Rice Inc., New York, N. Y. Ladies' fabric gloves. Serial No. 539,006, Mar. 23. Class 39.
Wimelbacher & Rice Inc., New York, N. Y. Fabric gloves. Serial No. 539,010, Mar. 23. Class 39.
Wimelbacher & Rice Inc., New York, N. Y. Leather and fabric gloves. Serial No. 539,011, Mar. 23. Class 39.
Wood, G. H., & Company Limited, Toronto, Ontario, Canada. Air freshening deodorant. Serial No. 521,844, Mar. 23. Class 6.
Worumbo Manufacturing Company, Lisbon Falls, Maine. Woolen goods in the piece. Serial No. 498,364, Mar. 23. Class 42.
Yankee Bottled Gas Corp., Westville, N. H., and Lexington, Mass. Bottled liquefied petroleum gas. Serial No. 514,871, Mar. 23. Class 6.
Young Men's Shop, Inc., The, Washington, D. C. Men's, youths', and boys' suits, coats, vests, etc. Serial No. 526,177, Mar. 23. Class 39.

LIST OF REGISTRANTS OF TRADE-MARKS

A. P. W. Products Company, Inc., Albany, N. Y. Dispensing cabinets, and waste cans. 437,434, Mar. 23; Serial No. 496,680, published Jan. 6, 1948. Class 2.

Ace Fastener Corporation, Chicago, Ill. Stapling machines and staple lifters, and staple removers. 363,964, Jan. 17, 1939. Republished Mar. 23. Class 23.

Acme Visible Records, Inc., Chicago, Ill. Visible record cards and index bristol. 379,101, July 2, 1940. Republished Mar. 23. Class 37.

Adco, Inc.: *See*—
American Disinfecting Co., Inc.

Agfa Ansco Corporation, Binghamton, by General Aniline & Film Corporation, New York, N. Y. Sensitized photographic film. 357,337, May 31, 1938. Republished Mar. 23. Class 26.

Agfa Ansco Corporation, Binghamton, by General Aniline & Film Corporation, New York, N. Y. Sensitized photographic film. 358,422, July 12, 1938. Republished Mar. 23. Class 26.

Agfa Ansco Corporation, Binghamton, by General Aniline & Film Corporation, New York, N. Y. Sensitized photographic film. 359,057, Aug. 2, 1938. Republished Mar. 23. Class 26.

Aktiebolaget Karlstads Mekaniska Werkstad, Karlstad, Sweden. Ships' propellers. 437,442, Mar. 23; Serial No. 499,596, published Nov. 11, 1947. Class 19.

American Calendar Company, Greeneville, Tenn. Leather billfolds. 437,466, Mar. 23; Serial No. 511,852, published Jan. 6, 1948. Class 3.

American Disinfecting Co., Inc., by Adco, Inc., Sedalia, Mo. Disinfectants, deodorants, insecticides, etc. 357,094, May 24, 1938. Republished Mar. 23. Class 6.

American Disinfecting Co., Inc., by Adco, Inc., Sedalia, Mo. Alkaline detergents, filter soap, liquid garment stain and spot removers, etc. 361,152, Oct. 11, 1938. Republished Mar. 23. Class 4.

American Fork and Hoe Company, The: *See*—
C-K-R Company, The.

American Fork and Hoe Company, The, Cleveland, Ohio. Fishing rods, fishing-rod handles, etc. 365,954, Mar. 21, 1939. Republished Mar. 23. Class 22.

American Fork and Hoe Company, The, Cleveland, Ohio. Hand tools. 378,897, June 25, 1940. Republished Mar. 23. Class 23.

American Mineral Spirits Company, Chicago, Ill. Naphtha. 272,777–8, July 15, 1930. Republished Mar. 23. Class 15.

American Oil Company, The, Baltimore, Md. Oil filter cartridges. 437,469, Mar. 23; Serial No. 514,404, published Dec. 23, 1947. Class 23.

American Oil Company, The, Baltimore, Md. Oil filter cartridges. 437,476, Mar. 23; Serial No. 516,654, published Dec. 23, 1947. Class 23.

American Rolling Mill Company, The, Middletown, Ohio. Bars, billets, castings, etc. 224,201, Feb. 22, 1927. Republished Mar. 23. Class 14.

American Wine Company, by American Wine Company, St. Louis, Mo. Champagne wine. 28,269, May 19, 1896. Republished Mar. 23. Class 47.

American Wine Company, by American Wine Company, St. Louis, Mo. Champagne or sparkling wine. 44,662, July 18, 1905. Republished Mar. 23. Class 47.

Amoskeag Pajama Co. Inc., by Amoskeag Pajama Co., Inc., Boston, Mass. Pajamas. 387,871, June 3, 1941. Republished Mar. 23. Class 39.

Anco Manufacturing & Supply Company, Tulsa, Okla. Metallic, bulk tanks and cylinders. 437,473, Mar. 23; Serial No. 515,360, published May 6, 1947. Class 2.

Apollo Shirt Company, New York, N. Y. Men's dress, work, and under shirts. 336,803, July 21, 1936. Canceled Feb. 19, 1948. O. G. Mar. 23. Class 39.

Arkansas Soft Pine Bureau, Little Rock, Ark. Lumber, woodwork, paneling, etc. 363,295, Dec. 20, 1938. Republished Mar. 23. Class 12.

Armstrong Cork Company: *See*—
Armstrong Cork Products Company.
Armstrong-Newport Company.
Standard Wall Covering Company, Inc.

Armstrong Cork Products Company, Lancaster, by Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Hard surfaced floor coverings. 348,765, Aug. 10, 1937. Republished Mar. 23. Class 20.

Armstrong Cork Products Company, Lancaster, by Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Resin type adhesives. 360,745, Sept. 27, 1938. Republished Mar. 23. Class 5.

Armstrong-Newport Company, Carrollville, Wis., by Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Fiber board, composite board, construction board, etc. 330,708, Dec. 10, 1935. Republished Mar. 23. Class 12.

Associated Merchandising Corporation, New York, N. Y. Bicycles. 437,456, Mar. 23: Serial No. 506,726, published Nov. 4, 1947. Class 19.

Auto Radiator Manufacturing Company, Chicago, Ill. Electric fog lamps. 361,496, Oct. 18, 1938. Republished Mar. 23. Class 21.

Auto Radiator Manufacturing Company, Chicago, Ill. Electric direction signals for vehicles and switches for such signals. 370,059, Aug. 15, 1939. Republished Mar. 23. Class 21.

Automatic Clutch Corporation of Canada: *See*—
Wilson, N. Bruce.

Automotive Gear Works, Inc., Richmond, Ind. Tools. 367,378, May 16, 1939. Republished Mar. 23. Class 23.

Bailey, George S., Hat Company, Inc., Los Angeles, Calif. Men's hats. 500,012, Mar. 23. Class 39.

Ballantine, P., and Sons, Newark, N. J. Beer and ale. 337,230, Aug. 4, 1936. Republished Mar. 23. Class 48.

Baltimore Publishing Company, The, to Hearst Consolidated Publications, Inc., Baltimore, Md. Daily newspaper section. 218,949, renewed Oct. 5, 1946. O. G. Mar. 23. Class 38.

Banks & Shorr, New Rochelle, N. Y. Greaseless sun tan lotion. 430,458, June 10, 1947. Canceled Feb. 19, 1948. O. G. Mar. 23. Class 6.

Bassick Company, The, Bridgeport, Conn. Hood catches, hood-catch brackets, hood handles, etc. 175,377, Nov. 6, 1923. Republished Mar. 23. Class 13.

Bassick Company, The, Bridgeport, Conn. Furniture casters. 346,204–5, May 18, 1937. Republished Mar. 23. Class 13.

Bassick Company, The, Bridgeport, Conn. Supporting posts. 349,250, Aug. 24, 1937. Republished Mar. 23. Class 13.

Bassick Company, The, Bridgeport, Conn. Tilting chair irons. 349,272, Aug. 24, 1937. Republished Mar. 23. Class 13.

Barrett-Cravens Company, Chicago, Ill. Material handling equipment. 359,340, Aug. 16, 1938. Republished Mar. 23. Class 23.

Barrett-Cravens Company, Chicago, Ill. Material handling equipment. 359,464, Aug. 23, 1938. Republished Mar. 23. Class 32.

Bartlett Hayward Division: *See*—
Koppers Company, Inc.

Bayshore Industries, Inc., Elkton, Md. Toy balloons and wind-operated sound emitting toys. 437,499, Mar. 23; Serial No. 523,561, published Oct. 28, 1947. Class 22.

Bemis Bro. Bag Company, St. Louis, Mo. Cotton, burlap, and paper bags. 173,156, Sept. 18, 1923. Republished Mar. 23. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Fabric bags and sacks. 340,788, Nov. 24, 1936. Republished Mar. 23. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Combination fabric and paper bags. 340,789, Nov. 24, 1936. Republished Mar. 23. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Magazine. 381,225, Sept. 17, 1940. Republished Mar. 23. Class 38.

Bendix Aviation Corporation: *See*—
Bendix Products Corporation.

Bendix Products Corporation, by Bendix Aviation Corporation, South Bend, Ind. Pumps. 359,482, Aug. 23, 1938. Republished Mar. 23. Class 23.

Benger's Food Limited, Manchester, to Benger's Limited, Cheshire, England. Food for infants and invalids. 198,325, renewed May 12, 1945. O. G. Mar. 23. Class 46.

Benger's Food, Limited, Manchester, to Benger's Limited, Cheshire, England. Food for infants and invalids. 223,944, renewed Feb. 15, 1947. O. G. Mar. 23. Class 46.

Benger's Limited: *See*—
Benger's Food, Limited.

Berez, William, doing business as Stanley's Products, New York, N. Y. Cherry peppers. 437,507, Mar. 23. Class 46.

Berkeley Company, Chicago, Ill. Sanitary napkins. 273,877, Aug. 19, 1930. Corrected. O. G. Mar. 23. Class 44.

Berman, Charles D., doing business as Berman Chemical Company, by S. W. Berman, E. S. Straub, and M. Bloom, trustees of the estate of Charles D. Berman (deceased), Toledo, Ohio. Cleaning preparations. 374,090, Jan. 2, 1940. Republished Mar. 23. Class 4.

Berman Chemical Company: *See*—
Berman, Charles D.

Berman, Stanley W., trustee et al.: *See*—
Berman, Charles D.

Blanke-Baer Extract & Preserving Company, St. Louis, Mo. Jelly, apple butter, and fruit preserves. 167,111, Apr. 24, 1923. Republished Mar. 23. Class 46.

Bloom, Milton, trustee et al.: *See*—
Berman, Charles D.

Bowman, Abram S., Sunset Hills, Va. Distilled alcoholic liquors. 347,081, June 15, 1937. Republished Mar. 23. Class 49.

Bowman, Abram S., Sunset Hills, Va. Whiskey. 362,915, Dec. 6, 1938. Republished Mar. 23. Class 49.

Bowyer, Ambrose, Chicago, Ill. Magazine section. 363,135, Dec. 13, 1938. Republished Mar. 23. Class 38.

Bradford, W. J., Paper Company, Chicago, Ill. Slotted box and pail partitions. 334,574, May 5, 1936. Republished Mar. 23. Class 37.

Brazil Wax Co.: *See*—
Stocking, Walter F.

Bright, Elvin M., doing business as Merilite Products Company, Milwaukee, Wis. Golf clubs. 437,496, Mar. 23; Serial No. 522,413, published Oct. 28, 1947. Class 22.

Broemmel, George M., doing business as Broemmel Laboratories, by Broemmel's Pharmaceuticals, San Francisco, Calif. Nasal spray preparation. 355,953, Apr. 5, 1938. Republished Mar. 23. Class 6.

Broemmel Laboratories: *See*—
Broemmel, George M.

Broemmel's Pharmaceuticals: *See*—
Broemmel, George M.

Broquinda Corporation, The: *See*—
Broquinda Inc.

Broquinda Inc., by The Broquinda Corporation, St. Petersburg, Fla. Refrigerators. 348,614, Aug. 3, 1937. Republished Mar. 23. Class 31.

Browdy, Benjamin G., New York, N. Y. Cotton goods in the piece. 413,898, May 15, 1945. Canceled Feb. 19, 1948. O. G. Mar. 23. Class 42.

Brown & Bigelow, St. Paul, Minn. Mailing cards. 235,053, Nov. 8, 1927. Republished Mar. 23. Class 38.

Brown-Rogers-Dixson Co., Winston-Salem, N. C. Food flavoring extracts. 437,413, Mar. 23; Serial No. 462,633, published Nov. 12, 1946. Class 46.

Brown, Roy C., doing business as Trojan Novelties, Troy, Ohio. Miniature airplanes. 437,462, Mar. 23; Serial No. 509,499, published Oct. 28, 1947. Class 22.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Bowling pins. 281,882, Apr. 7, 1931. Cancelled Feb. 11, 1948. O. G. Mar. 23. Class 22.

Bubbles and Supply Company: *See*—
Payne, Ernest W.

C-K-R Company, by The American Fork and Hoe Company, Cleveland, Ohio. Rakes and parts thereof. 360,979, Oct. 4, 1938. Republished Mar. 23. Class 23.

Campana Corporation, by Campana Sales Company, Batavia, Ill. Skin lotions. 380,465, Aug. 20, 1940. Republished Mar. 23. Class 6.

Campana Sales Company: *See*—
Campana Corporation.

Candy & Company, Inc., Chicago, Ill. Candle burning lamps and fixtures. 359,497, Aug. 23, 1938. Republished Mar. 23. Class 34.

Canine Food and Products Co., Philadelphia, Pa. Meat food for dogs and other carnivorous animals. 437,436, Mar. 23; Serial No. 497,294, published Dec. 16, 1947. Class 46.

Carnrick, John, to Reed & Carnrick, Jersey City, N. J. Antitoxine and tissue-builder. 25,787, Jan. 1, 1895. Amended. O. G. Mar. 23. Class 6.

Caron Corporation: *See*—
Daltroff, E., & Cie.

Cello Bag Company: *See*—
Glowacki, Matthew P.

Champion Fibre Company, The, Canton, N. C., by The Champion Paper and Fibre Company, Hamilton, Ohio. Tanning extracts. 337,730, Aug. 18, 1936. Republished Mar. 23. Class 6.

Champion Paper and Fibre Company, The: *See*—
Champion Fibre Company, The.

Champion Paper and Fibre Company, The, Hamilton, Ohio. Talloel sometimes known as tall oil. 358,133, June 28, 1938. Republished Mar. 23. Class 6.

Champion Paper and Fibre Company, The, Hamilton, Ohio. Printing paper. 361,275–6, Oct. 11, 1938. Republished Mar. 23. Class 37.

Chocolate Products Company, Chicago, Ill. Ingredients for making puddings. 368,701, June 27, 1939. Republished Mar. 23. Class 46.

City Mills Company, Columbus, Ga. Feeds for live stock and poultry. 437,439. Mar. 23; Serial No. 497,651, published Dec. 16, 1947. Class 46.

Cleese, John P., Inc., to Specialty Manufacturing Company, San Francisco, Calif. Mattresses, box mattresses, cushions, etc. 225,885, renewed Mar. 29, 1947. O. G. Mar. 23. Class 32.

Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis. Coated paper. 388,396, June 24, 1941. Republished Mar. 23. Class 37.

Cook, L. P., & Son: *See*—
Cook, Lucius P.

Cook, Lucius P., doing business as L. P. Cook & Son, Memphis, Tenn. Seed oats. 356,879, May 17, 1938. Republished Mar. 23. Class 1.

Corn Products Refining Company, New York, N. Y. Dextrose. 437,459, Mar. 23; Serial No. 507,969, published Dec. 23, 1947. Class 46.

Cosmex Corp., New York, N. Y. Liquid preparation for use as a substitute for soap for cleaning the skin. 425,805, Dec. 3, 1946. Cancelled Feb. 27, 1948. O. G. Mar. 23. Class 4.

Cove Creek Industries, Inc., Covesville, Va. Glazing compound. 437,487, Mar. 23; Serial No. 520,324, published Nov. 4, 1947. Class 16.

Cranberry Canners, Inc., South Hanson, by National Cranberry Association, Hanson, Mass. Cranberry juice. 381,245, Sept. 17, 1940. Republished Mar. 23. Class 45.

Crown Willamette Paper Company: *See*—
Crown Zellerbach Corporation.

Crown Zellerbach Corporation, also doing business as Crown Willamette Paper Company, San Francisco, Calif. Wrapping paper. 362,758, Nov. 29, 1938. Republished Mar. 23. Class 37.

Crown Zellerbach Corporation, also doing business as Crown Willamette Paper Company, San Francisco, Calif. Tissue paper. 379,518, July 16, 1940. Republished Mar. 23. Class 37.

Cutcrete Corporation, Van Nuys, Calif. Machines for cutting concrete, pavement and the like. 437,503, Mar. 23; Serial No. 525,553, published Dec. 16, 1947. Class 23.

Cut Flower Food Co.: *See*—
Meyer, August A.

Daltroff, E., & Cie, doing business as Parfumerie Caron, Paris, France, by Caron Corporation, New York, N. Y. Perfume. 378,572, June 11, 1940. Republished Mar. 23. Class 6.

Daniels, C. R., Inc., Baltimore, Md. Sleeping bags in the nature of beds. 437,440, Mar. 23; Serial No. 498,506, published Oct. 28, 1947. Class 22.

Daniels Machine Company: *See*—
Miller, Carroll E.

Davies-Young Soap Company, Dayton, Ohio. Wet-cleaning soap. 157,662, Aug. 15, 1922. Republished Mar. 23. Class 4.

Davies-Young Soap Company, The, Dayton, Ohio. Quick-drying liquid wax. 347,402, June 22, 1937. Republished Mar. 23. Class 16.

Davies-Young Soap Company, The, Dayton, Ohio. Liquid hair and scalp shampoo. 355,933, Apr. 5, 1938. Republished Mar. 23. Class 6.

Detroit Harvester Company, Detroit, Mich. Hydraulically operated vehicle window regulators, hydraulically operated vehicle seat adjusters, etc. 437,427, Mar. 23; Serial No. 492,690, published Jan. 6, 1948. Class 23.

Di-Met Proprietary Limited, Melbourne, Victoria, Australia. Paints. 437,420, Mar. 23; Serial No. 480,050, published Nov. 4, 1947. Class 16.

Dippel, C. E., & Company, Inc., New York, N. Y. Machines for cutting food. 437,461, Mar. 23; Serial No. 509,268, published Dec. 9, 1947. Class 23.

Dix, Henry A., & Sons Corporation, New York, N. Y. Piece goods. 226,821, renewed Apr. 19, 1947. O. G. Mar. 23. Class 42.

Domack, Lawrence C., Elmwood Park, Ill. Fruit and vegetable hand-paring tool. 437,431, Mar. 23; Serial No. 494,824, published Dec. 9, 1947. Class 23.

Duke Manufacturing Co., St. Louis, Mo. Food warmers, covers for food warmers, and top plates. 369,025, July 11, 1939. Republished Mar. 23. Class 13.

Du Mont Corporation, The, Greenfield, Mass. Keyway cutting broach and bushing sets. 437,501, Mar. 23; Serial No. 524,528, published Dec. 16, 1947. Class 23.

Eastman Kodak Company, Rochester, N. Y., and Flemington, N. J. Optical lenses. 437,446, Mar. 23; Serial No. 500,376, published Dec. 16, 1947. Class 26.

Electric Boat Company, Groton, Conn. Truck bodies. 437,454, Mar. 23; Serial No. 506,233, published Dec. 2, 1947. Class 19.

Electronic Measurements Corporation, New York, N. Y. Electronic measuring instruments. 437,463, Mar. 23; Serial No. 509,642, published Dec. 23, 1947. Class 26.

Elgo Shutter & Manufacturing Company, Detroit, Mich. Shutters and dampers. 357,142, May 24, 1938. Republished Mar. 23. Class 34.

Eliscu & Company, New York, N. Y. Toy rattles and baby exercisers. 411,441, Jan. 16, 1945. Canceled Feb. 19, 1948. O. G. Mar. 23. Class 22.

Eliscu & Company, New York, N. Y. Teethers, teething rings, and teething necklaces. 412,046, Feb. 13, 1945. Canceled Feb. 19, 1948. O. G. Mar. 23. Class 44.

Farrington Manufacturing Company, Boston, Mass. Embossing and printing machines and parts thereof. 280,020, Feb. 10, 1931. Amended. O. G. Mar. 23. Class 23.

First National Bank in St. Louis, St. Louis, Mo. Printed books, booklets, and pamphlets. 229,676, renewed July 5, 1947. O. G. Mar. 23. Class 38.

Fischer, B., & Co., to B. Fischer & Co., Inc., New York, N. Y. Coffee. 62,171, re-renewed Apr. 23, 1947. O. G. Mar. 23. Class 46.

Fischer, B., & Co., Inc.: *See*—
Fischer & Co.

Florida Land Clearing Equipment Co., Jacksonville, Fla. Machine operated detachable stumpers and root rakes. 437,498, Mar. 23; Serial No. 523,516, published Jan. 6, 1948. Class 23.

Flower Foods, Inc.: *See*—
Meyer, August A.

Food Machinery Corporation, San Jose, Calif. Vehicle mounted fog projecting fire fighting apparatus. 437,451, Mar. 23; Serial No. 501,968, published Dec. 16, 1947. Class 23.

Forbes and Juilly, San Francisco, Calif. Cleaning fluid. 308,521, Dec. 5, 1933. Canceled Feb. 13, 1948. O. G. Mar. 23. Class 4.

Foreman & Clark, Los Angeles, Calif. Men's overcoats. 429,920, May 27, 1947. Canceled Feb. 27, 1948. O. G. Mar. 23. Class 39.

Franco Corset Company, New York, N. Y. Corsets. 365,340. Mar. 7, 1939. Republished Mar. 23. Class 39.

Frank, Murray & Associates, Chicago, Ill. Pharmaceutical preparations, for use in shampooing the hair. 425,046, Oct. 29, 1946. Canceled Feb. 27, 1948. O. G. Mar. 23. Class 6.

Frankly Fabrics Corp., New York, N. Y. Piece goods. 437,417, Mar. 23; Serial No. 477,411, published Dec. 9, 1947. Class 42.

Fredericks, George E., Company, Bethayres, Pa. Vacuum gauges and instruments for measuring, indicating or recording vacuums. 437,468, Mar. 23; Serial No. 514,265, published Dec. 23, 1947. Class 26.

Gates Rubber Company, The, Denver, Colo. Rubber hose. 337,784, Aug. 18, 1936. Republished Mar. 23. Class 35.

Gates Rubber Company, The, Denver, Colo. Anti-static gasoline dispensing nozzles. 356,938, May 17, 1938. Republished Mar. 23. Class 13.

Geisler, Max, doing business as Max Geisler Bird Co., Omaha, Nebr., and New York, N. Y., to Max Geisler Bird Co., Omaha, Nebr. Bird food. 235,621, renewed Nov. 22, 1947. O. G. Mar. 23. Class 46.

Geisler, Max, Bird Co.: *See*—
Geisler, Max.

General Aniline & Film Corporation: *See*—
Agfa Ansco Corporation.
Ozalid Corporation.

General Fireproofing Co., The, Youngstown, Ohio. Chairs. 357,613, June 7, 1938. Republished Mar. 23. Class 32.

General Fireproofing Co., The, Youngston, Ohio. Metal filing cabinets. 367,503, May 16, 1939. Republished Mar. 23. Class 32.

General Fireproofing Company, The, Youngstown, Ohio. Office, store, hospital and bank furniture. 281,855, Mar. 31, 1931. Republished Mar. 23. Class 32.

General Machinery Company, Spokane, Wash. Stationary drum and cable hoists and quarry drag buckets. 437,416, Mar. 23; Serial No. 475,952, published Dec. 9, 1947. Class 23.

General Motors Corporation, Detroit, Mich. Replacement filtering elements. 437,467, Mar. 23; Serial No. 514,195, published Jan. 6, 1948. Class 23.

General Tire & Rubber Company, The, Akron, Ohio. Pneumatic tires. 355,697–8, Mar. 29, 1938. Republished Mar. 23. Class 35.

Gerber & Gerber, Los Angeles, Calif. Fresh vegetables and canned fish. 382,810, Nov. 12, 1940. Canceled Feb. 27, 1948. O. G. Mar. 23. Class 46.

Germain Seed and Plant Company, Los Angeles, Calif. Flower seeds. 354,209, Feb. 8, 1938. Republished Mar. 23. Class 1.

Germain Seed & Plant Company, Los Angeles, Calif. Flower seeds. 358,429, July 12, 1938. Republished Mar. 23. Class 1.

Globe-Union Inc., Milwaukee, Wis. Storage batteries. 387,665, May 27, 1941. Republished Mar. 23. Class 21.

Glowacki, Matthew P., doing business as Cello Bag Company, Chicago, Ill. Hand abrasive sanding tools, metal can perforators. 437,457, Mar. 23; Serial No. 506,813, published Dec. 9, 1947. Class 23.

Gondert, Clarence A., doing business as Lewisburg Container Company, Lewisburg, Ohio. Fibreboard shipping and packing boxes. 437,415, Mar. 23; Serial No. 473,733, published Jan. 6, 1948. Class 2.

Goodman-Kleiner Co. Inc., New York, N. Y. Tongs. 437,458, Mar. 23; Serial No. 507,000, published Dec. 23, 1947. Class 23.

Graves, Harman, assignee: *See*—
Trapet, Maurice.

Greenhill & Daniel, Brooklyn, to Greenhill & Daniel Co., New York, N. Y. Sport coats. 229,748, renewed July 5, 1947. O. G. Mar. 23. Class 39.

Greenhill & Daniel Co.: *See*—
Greenhill & Daniel.

Haco Gesellschaft A. G., Gumligen, near Berne, Switzerland. Granulated powder. 437,447, Mar. 23; Serial No. 500,654, published Dec. 23. Class 46.

Haddorff Piano Company, Chicago, Ill. Pianos. 349,447, Aug. 31, 1937. Republished Mar. 23. Class 36.

Hamilton, Robert W., by Robert W. Hamilton, Inc., New York, N. Y. Ladies' dresses. 349,005, Aug. 17, 1937. Republished Mar. 23. Class 39.

Hamilton, Robert W., Inc.: *See*—
Hamilton, Robert W.

Hearst Consolidated Publications, Inc.: *See*—
Baltimore Publishing Company, The.

Heinrich, H. H., Inc., New York, N. Y. Apparatus for registering flat bed printing plates with their corresponding fixed registry elements. 437,497, Mar. 23; Serial No. 523,468, published Dec. 23, 1947. Class 23.

Hoffman Radio Corporation, Los Angeles, Calif. Radio receiving apparatus and parts thereof. 424,657, Oct. 15, 1946. Canceled Feb. 19, 1948. O. G. Mar. 23. Class 21.

Home & Hobby House, Orlando, Fla. Decorated wooden trays, wooden salad and nut bowls, wooden trays, etc. 437,437, Mar. 23; Serial No. 497,389, published Jan. 6, 1948. Class 2.

Hook-Fast Specialties, Inc.: *See*—
Vaneman, Carl C.

Hookless Fastener Company, by Talon, Inc., Meadville, Pa. Slide fasteners. 347,835, July 6, 1937. Republished Mar. 23. Class 13.

Horlacher Brewing Company, Allentown, Pa. Beer and ale. 365,939, Mar. 21, 1939. Republished Mar. 23. Class 48.

Howard Hosiery Company, Sinking Spring, Pa. Stockings. 318,108, Oct. 16, 1934. Canceled Feb. 19, 1948. O. G. Mar. 23. Class 39.

Hubrite Informal Frocks, Inc., Boston, Mass. Women's, ladies', and misses' dresses. 357,483, June 17, 1938. Republished Mar. 23. Class 39.

Hydro-Tex Corp., Chicago, Ill. Tablecloths, window curtains, doilies, and table place covers. 437,505, Mar. 23. Class 42.

Imperial Crown Toy Corp., Brooklyn, N. Y. Dolls. 437,504, Mar. 23; Serial No. 526,234, published Oct. 28, 1947. Class 22.

International Cellucotton Products Company, Chicago, Ill. Sanitary napkins. 348,928, Aug. 17, 1937. Republished Mar. 23. Class 44.

International Cellucotton Products Company, Chicago, Ill. Sanitary baby diapers. 349,084, Aug. 17, 1937. Republished Mar. 23. Class 39.

International Cellucotton Products Company, Chicago, Ill. Toilet tissue. 354,948, Mar. 1, 1938. Republished Mar. 23. Class 37.

International Cellucotton Products Company, Chicago, Ill. Sheet metal box. 379,847, July 30, 1940. Republished Mar. 23. Class 2.

International Harvester Company, Chicago, Ill. Coal. 380,334, Aug. 20, 1940. Republished Mar. 23. Class 1.

Ippolito, Domenick, Glendale, Calif. Dolls and dolls' clothes. 429,941, May 27, 1947. Canceled Feb. 17, 1948. O. G. Mar. 23. Class 22.

Iron Fireman Manufacturing Company, Portland, Oreg. Farm machinery. 437,423, Mar. 23; Serial No. 486,488, published Dec. 9, 1947. Class 23.

Jahns Engineering Company: *See*—
Jahns, William, Jr.

Jahns, William, Jr., doing business as Jahns Engineering Company, Los Angeles, Calif. Pistons. 437,495, Mar. 23; Serial No. 522,169, published Jan. 6, 1948. Class 23.

Jessop, William, & Sons Limited, Sheffield, England. Metal cutting tools. 437,464, Mar. 23; Serial No. 510,175, published Dec. 16, 1947. Class 23.

Jones Publishing Corporation, New York, N. Y. Publications issued periodically. 365,666, Mar. 14, 1939. Canceled Feb. 19, 1948. O. G. Mar. 23. Class 38.

Joy Manufacturing Company: *See*—
La-Del Conveyor & Manufacturing Company.

Kari Sent of Hollywood: *See*—
Trapet, Maurice.

Kee Lox Manufacturing Company, Rochester, N. Y. Typewriter ribbons and carbon paper. 69,307, re-renewed June 2, 1948. O. G. Mar. 23. Class 11.

Kee Lox Manufacturing Company, Rochester, N. Y. Carbon paper. 366,921, May 2, 1939. Republished Mar. 23. Class 11.

Kee Lox Manufacturing Company, Rochester, N. Y. Carbon papers and typewriter ribbons. 387,508–10, May 20, 1941. Republished Mar. 23. Class 11.

Kelling Nut Co., The, Chicago, Ill. Salted, candied, and plain nut meats. 359,940, Sept. 6, 1938. Republished Mar. 23. Class 46.

Kellogg Seed Company, Milwaukee, Wis. Food formula for cage birds. 354,361, Feb. 8, 1938. Republished Mar. 23. Class 46.

Kiddyval Products: *See*—
Whatmore, Lois.

Kimberly-Clark Corporation, Neenah, Wis. Book and printing papers. 365,463, Mar. 7, 1939. Republished Mar. 23. Class 37.

Kloster Steel Corporation, Chicago, Ill. Hot work steel. 358,441, July 12, 1938. Republished Mar. 23. Class 14.

Koppers Company, Inc., doing business as Bartlett Hayward Division, Baltimore, Md. Airplane propellers, propeller hubs, and propeller assemblies. 437,418, Mar. 23; Serial No. 479,715, published Nov. 25, 1947. Class 19.

Koret of California, Inc., San Francisco, Calif. Girls' and women's outer shorts. 431,512, July 22, 1947. Canceled Feb. 11, 1948. O. G. Mar. 23. Class 39.

Kraft Foods Company, Chicago, Ill. Stabilizer for use in ice cream manufacture. 437,443, Mar. 23; Serial No. 499,636, published Oct. 15, 1946. Class 46.

La-Del Conveyor & Manufacturing Company, New Philadelphia, Ohio, now by merger Joy Manufacturing Company. Underground mining conveyors. 437,419, Mar. 23; Serial No. 479,881, published Dec. 30, 1947. Class 23.

Lalance & Grosjean Mfg. Co., Woodhaven, N. Y. Sheet metal ware. 437,448, Mar. 23; Serial No. 500,807, published Dec. 23, 1947. Class 23.

Laucks, I. F., Inc., Seattle, Wash., by Monsanto Chemical Company, St. Louis, Mo. Cold water paints. 337,165, July 28, 1936. Republished Mar. 23. Class 16.

Laucks, I. F., Inc., Seattle, Wash., by Monsanto Chemical Company, St. Louis, Mo. Cold water paints and calcimines. 348,716, Aug. 3, 1937. Republished Mar. 23. Class 16.

Laucks, I. F., Inc., Seattle, Wash., by Monsanto Chemical Company, St. Louis, Mo. Spactling compound. 348,976, Aug. 17, 1937. Republished Mar. 23. Class 12.

Leff, D. M.: *See*—
Smith, Kline & French Co.

Les Cisterciennes Réformées, St. Romuald d'Etchemin, Quebec, Canada. Chocolate candy bars. 434,123, Nov. 11, 1947. Corrected. O. G. Mar. 23. Class 46.

Leverton and Company, Houston, Tex. Canned beans, prepared Mexican style. 437,490, Mar. 23; Serial No. 521,141, published Dec. 9, 1947. Class 46.

Levy, Moe, & Son, Inc., by Stuarts Clothes, Inc., New York, N. Y. Men's and boys' suits. 337,346, Aug. 4, 1936. Republished Mar. 23. Class 39.

Lewis, William L., doing business as Motor City Roller Co., Detroit, Mich. Printers' rollers. 437,488, Mar. 23; Serial No. 520,512, published Dec. 9, 1947. Class 23.

Lewisburg Container Company: *See*—
Gondert, Clarence A.

Lewis-Shepard Products Inc., Watertown, Mass. Materials-handling equipment. 437,424, Mar. 23; Serial No. 486,960, published Jan. 6, 1948. Class 23.

Lilly, Eli, and Company, Indianapolis, Ind. Biological preparations, etc. 189,148, renewed Jan. 5, 1948. O. G. Mar. 23. Class 6.

Linde Air Products Company, The, New York, N. Y. Portable apparatus for producing liquid oxygen, expansion engines, evacuators, etc. 437,445, Mar. 23; Serial No. 500,230, published Dec. 23, 1947. Class 23.

Lowther, Harry A., Company, Chicago, Ill. Timber saws. 437,511, Mar. 23, 1948. Class 23.

Mackintosh-Hemphill Company, Pittsburgh, Pa. Alloy iron rolls. 437,502, Mar. 23; Serial No. 525,002, published Dec. 16, 1947. Class 23.

Magor Car Corporation, New York, N. Y., and Passaic, N. J. Hand shovels, scoops, and spades. 437,483, Mar. 23; Serial No. 519,883, published Jan. 6, 1948. Class 23.

Magor Car Corporation, New York, N. Y., and Passaic, N. J. Hand shovels, scoops, and spades. 437,484, Mar. 23; Serial No. 519,885, published Jan. 6, 1948. Class 23.

Mallinckrodt Chemical Works, St. Louis, Mo. Chemical known as monomethyl paramidophenol sulphate. 158,010. Aug. 22, 1922. Republished Mar. 23. Class 6.

Mann, Joseph, Brookline, Mass. Hosiery. 437,500, Mar. 23; Serial No. 524,337, published Dec. 9, 1947. Class 39.

Markwell Mfg. Co., Inc., New York, N. Y. Hand punch brad-driving tools. 437,492. Mar. 23; Serial No. 521,267, published Dec. 23, 1947. Class 23.

Marshall Field & Company, Chicago, Ill. Toilet soaps. 347,573, June 29, 1937. Republished Mar. 23. Class 4.

McLaughlin Company, The, Piqua, Ohio. Automatic temperature control units. 437,450. Mar. 23; Serial No. 501,857, published Nov. 25, 1947. Class 26.

Mears & Hemingway Specialties, Norfolk, Va. Receptacles. 437,489. Mar. 23; Serial No. 520,958, published Jan. 6, 1948. Class 2.

Mengel Company, The, Louisville, Ky. Fibreboard shipping boxes, cartons, and crates. 437,429, Mar. 23; Serial No. 493,376, published Jan. 6, 1948. Class 2.

Merilite Products Company: *See*—
Bright, Elvin M.

Merit Laboratories Co.: *See*—
Smith, Kline & French Co.

Metal Products Corporation, The, West Haven, Conn. Trowels, garden forks, weeders, etc. 437,471, Mar. 23; Serial No. 514,904, published Dec. 23, 1947. Class 23.

Meyer, August A., doing business as Cut Flower Food Co., not Inc., by Flower Foods, Inc., Maywood, Ill. Composition containing chemical ingredients. 368,753, June 27, 1939. Republished Mar. 23. Class 6.

Miller, Carroll E., doing business as Daniels Machine Company, Windsor, Vt. Power driven cutting machines. 437,485, Mar. 23; Serial No. 519,972, published Dec. 23, 1947. Class 23.

Minneapolis Heat Regulator Co., by Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Unitary automatic electric switch system. 231,890, Aug. 30, 1927. Republished Mar. 23. Class 21.

Minneapolis-Honeywell Regulator Company: *See*—
Minneapolis Heat Regulator Co.

Monsanto Chemical Company: *See*—
Laucks, I. F., Inc.

Monsanto Chemical Company, St. Louis, Mo. Preservatives for wood, lumber, and other cellulosic materials. 337,745, Aug. 18, 1936. Republished Mar. 23. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Chemical compounds. 349,503, Aug. 31, 1937. Republished Mar. 23. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Organic and inorganic aerogels. 356,322, Apr. 26, 1938. Republished Mar. 23. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Insecticides. 358,613. July 19, 1938. Republished Mar. 23. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Insecticides, germicides, algicides, etc. 359,273, Aug. 9, 1938. Republished Mar. 23. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Chemical compounds. 365,940, Mar. 21, 1939. Republished Mar. 23. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Thread and yarns. 437,494. Mar. 23; Serial No. 521,749, published Jan. 6, 1948. Class 43.

Motor City Roller Co.: *See*—
Lewis, William L.

Multiproducts Company, Inc., Washington, D. C. Medicinal preparation. 437,478, Mar. 23; Serial No. 516,909, published Dec. 23, 1947. Class 6.

Multiproducts Company, Inc., Washington, D. C. Medicinal preparation. 437,491, Mar. 23; Serial No. 521,201, published Dec. 23, 1947. Class 6.

Murphy, John W., Upper Darby, Pa. Disinfectant, deodorant, and germicide. 431,140, July 8, 1947. Canceled Feb. 11, 1948. O. G. Mar. 23. Class 6.

Mutual Benefit Life Insurance Company, The, Newark, N. J. Charts and questionnaires. 347,093, June 15, 1937. Republished Mar. 23. Class 37.

N. V. Organon tot Bereiding van Organ-Preparaten op Wetenschappelijken Grondslag, Oss, Netherlands, to Roche-Organon Inc., Nutley, N. J. Standardized hormone. 225,189, renewed Mar. 15, 1947. O. G. Mar. 23. Class 6.

National Art and Craft Shops: *See*—
Vaneman, Carl C.

National Cranberry Association: *See*—
Cranberry Canners, Inc.

National Industrial Products Corporation, Wilkinsburg, Pa. Lubricators. 437,479, Mar. 23; Serial No. 518,420, published Dec. 23, 1947. Class 23.

Naumkeag Steam Cotton Company, Salem, Mass. Cotton sheeting, sheets, and pillow cases. 437,426, Mar. 23; Serial No. 490,761, published Mar. 26, 1946. Class 42.

Neil Products Inc.: *See*—
Neil's Laboratory.

Neil's Laboratory, by Neil Products Inc., Los Angeles, Calif. Flavoring extracts. 355,950, Apr. 5, 1938. Republished Mar. 23. Class 46.

Nicholson File Company, Providence, R. I. Files. 437,421, Mar. 23; Serial No. 482,387, published Jan. 6, 1948. Class 23.

Northmont Hosiery Corporation, Reading, Pa. Hosiery. 367,159, May 9, 1939. Republished Mar. 23. Class 39.

Norwood Company, The, Chicago, Ill. Music stands. 437,508, Mar. 23. Class 36.

Nukem Products Corporation, Buffalo, N. Y. Acid and alkali proof plastic paint product. 437,433, Mar. 23; Serial No. 496,516, published Oct. 29, 1946. Class 16.

Oliver Corporation, The, Chicago, Ill. Plows and parts thereof. 437,472, Mar. 23; Serial No. 515,130, published Jan. 6, 1948. Class 23.

Owen, Cliff C., Salisbury, N. C. Preparations for colds. 377,500, May 7, 1940. Canceled Feb. 19, 1948. O. G. Mar. 23. Class 6.

Ozalid Corporation, by General Aniline & Film Corporation, New York, N. Y. Typewriter ribbons. 356,558, May 3, 1938. Republished Mar. 23. Class 11.

Pacific Mills, Lawrence and Boston, Mass. Cotton piece goods. 196,293, Mar. 17, 1925. Canceled Feb. 18, 1948. O. G. Mar. 23. Class 42.

Parfumerie Caron: *See*—
Daltroff, E., & Cie.

Parker Pen Company, The, Janesville, Wis. Fountain pens, mechanical pencils, and desk sets. 355,441, Mar. 15, 1938. Republished Mar. 23. Class 37.

Payne, Ernest W., to Bubbles and Supply Company, Racine, Wis. Nonalcoholic, maltless sirup. 228,119, renewed May 24, 1947. O. G. Mar. 23. Class 45.

Pekor Iron Works, Columbus, Ga. Nut shelling machines. 437,486, Mar. 23; Serial No. 520,177, published Dec. 9, 1947. Class 23.

Penick, S. B., & Company, New York, N. Y. Condiment. 437,438, Mar. 23; Serial No. 497,407, published Dec. 16, 1947. Class 46.

Pepsi-Cola Company, Long Island City, N. Y. Wooden receptacles and cases and racks. 356,723, May 10, 1938. Republished Mar. 23. Class 2.

Pioneer Suspender Company, Philadelphia, Pa. Suspenders, garters, and belts. 353,797, Jan. 18, 1938. Republished Mar. 23. Class 39.

Pla-Steele Company, Cleveland, Ohio. Non-metallic plastic compound. 366,677, Apr. 25, 1939. Canceled Feb. 10, 1948. O. G. Mar. 23. Class 50.

Pneumatic Tool Sales & Repair Co., Inc., Long Island City, N. Y. Pneumatic drills. 437,474, Mar. 23; Serial No. 515,448, published Jan. 6, 1948. Class 23.

Polychrome Corporation, Yonkers, N. Y. Electrically heated styli. 437,470, Mar. 23; Serial No. 514,490, published Dec. 23, 1947. Class 26.

Potash Company of America, New York, N. Y. Muriate of potash. 357,289, May 31, 1938. Republished Mar. 23. Class 10.

Powerline Tackle Company, Grand Rapids, Mich. Fishing lines. 437,455, Mar. 23; Serial No. 506,341, published Oct. 28, 1947. Class 22.

Prentice, G. E., Manufacturing Company, Kensington, Conn. Slide-operated fasteners. 358,091, June 28, 1938. Republished Mar. 23. Class 13.

Prescott Company, The, Menominee, Mich. Saw-mill and mining machinery, accessories, and parts, etc. 228,847, June 14, 1927. Republished Mar. 23. Class 23.

Procter & Gamble Company, The, Cincinnati, Ohio. Shortening. 356,069, Apr. 12, 1938. Republished Mar. 23. Class 46.

Procter & Gamble Company, The, Cincinnati, Ohio. Soap flakes. 364,103, Jan. 17, 1939. Republished Mar. 23. Class 4.

Procter & Gamble Company, Cincinnati, Ohio. Granulated soap. 364,104, Jan. 17, 1939. Republished Mar. 23. Class 4.

Puratized, Inc., New York, N. Y. Bacteriocidal and fungicidal compositions. 410,703, Dec. 12, 1944. Canceled Feb. 27, 1948. O. G. Mar. 23. Class 6.

Pure Oil Company, The, Chicago, Ill. Lubricating oils. 261,929, Sept. 24, 1929. Republished Mar. 23. Class 15.

Pure Oil Company, The, Chicago, Ill. Mineral lubricating oils and mineral fuel oils. 362,678, Nov. 29, 1938. Republished Mar. 23. Class 15.

Ready Foods Canning Corp., Chicago, Ill. Canned dog food. 437,510, Mar. 23. Class 46.

Red Devil Tools, Irvington, N. J. Glass cutters, wood scrapers, sandpaper holders, etc. 437,425, Mar. 23; Serial No. 490,396, published Dec. 16, 1947. Class 23.

Reed & Carnrick: *See*—
Carnrick, John.

Respro Inc., Cranston, R. I. Artificial leather. 353,871, Jan. 18, 1938. Republished Mar. 23. Class 50.

Robinson Milling Company, The, Salina, Kans. Wheat flour. 337,592, Aug. 11, 1936. Republished Mar. 23. Class 46.

Roche-Organon Inc.: *See*—
N. V. Organon tot Bereiding van Orgaan-Preparaten op Wetenschappelijken Grondslag.

Rogers Brothers, Portland, Oreg. Ice cream. 428,291, Mar. 18, 1947. Canceled Feb. 27, 1948. O. G. Mar. 23. Class 46.

Setten & Durward Limited, Birmingham, England. Hand tools. 437,430, Mar. 23; Serial No. 494,522, published Dec. 16, 1947. Class 23.

Sexauer, J. A., Mfg. Co. Inc., New York, N. Y. Certain goods in the nature of chemical preparations. 437,509, Mar. 23. Class 6.

Sharon Optical Company, Inc., Geneva, N. Y. Ophthalmic mountings. 437,414, Mar. 23; Serial No. 468,930, published Dec. 16, 1947. Class 26.

Sixty Sales Corporation, The, Hartford, Conn. Ski lacquer. 437,481, Mar. 23; Serial No. 519,349, published Oct. 28, 1947. Class 16.

Smith, F. A., Manufacturing Co., Inc., Rochester, N. Y. Lathes. 437,477, Mar. 23; Serial No. 510,797, published Jan. 6, 1948. Class 23.

Smith, Kline & French Co., to D. M. Leff, doing business as Merit Laboratories Co., Philadelphia, Pa. Talcum powder. 220,833, renewed Nov. 16, 1946. O. G. Mar. 23. Class 6.

Société Genevoise d'Instruments de Physique, Geneva, Switzerland. Machine-tools. 437,453, Mar. 23; Serial No. 503,765, published Jan. 6, 1948. Class 23.

Soulé Steel Company, San Francisco, Calif. Light steel frame construction. 357,037, May 24, 1938. Republished Mar. 23. Class 12.

Spaulding-Moss Company, Boston, Mass. Sensitized blue print paper and cloths, sensitized Van Dyke paper and cloth, etc. 354,884, Mar. 1, 1938. Republished Mar. 23. Class 26.

Specialty Manufacturing Company: *See*—
Cleese, John P., Inc.

Spinnerin Yarn Co., Inc., New York, N. Y., assignor to Spinnerin Yarn Co., Inc., South Hackensack, N. J. Yarn. 500,011, Mar. 23. Class 43.

Spir-It, Inc., Malden, Mass. Non-metallic spoons. 388,872, July 15, 1941. Republished Mar. 23. Class 23.

Spuck Iron & Foundry Co., St. Louis, Mo. Processed cast iron alloy metal. 377,510, May 7, 1940. Republished Mar. 23. Class 14.

Spun Fibers, Inc., Lenoir, N. C. Yarn. 437,480, Mar. 23; Serial No. 518,918, published Jan. 6, 1948. Class 43.

Standard Milling Company, New York, N. Y., by Standard Milling Company, Chicago, Ill. Wheat flour. 361,939, Nov. 8, 1938. Republished Mar. 23. Class 46.

Standard Milling Company, New York, N. Y., by Standard Milling Company, Chicago, Ill. Wheat flour. 388,962, July 22, 1941. Republished Mar. 23. Class 46.

Standard Wall Covering Company, Inc., Philadelphia, by Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Architectural wall panels. 347,612, June 29, 1937. Republished Mar. 23. Class 12.

Stanley's Products: *See*—
Berez, William.

Star Flour Mills, Galveston, Tex. Wheat-flour. 148,717, Nov. 22, 1921. Canceled Feb. 19, 1948. O. G. Mar. 23. Class 46.

Star Oil Company, The, Chicago, Ill. Lubricating oils. 166,120, Mar. 27, 1923. Republished Mar. 23. Class 15.

Stern, Louis D., Cleveland, Ohio. Liquid asbestos roof cement. 334,403, May 5, 1936. Canceled Feb. 24, 1948. O. G. Mar. 23. Class 12.

Stocking, Walter F., doing business as Brazil Wax Co., Santa Monica, Calif. Automobile wax and cleaner. 437,435, Mar. 23; Serial No. 496,932, published Oct. 21, 1947. Class 16.

Straub, Edward L., trustee et al.: *See*—
Berman, Charles D.

Stuarts Clothes, Inc.: *See*—
Levy, Moe, & Son, Inc.

Talon, Inc.: *See*—
Hookless Fastener Company.

Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Tractor cabs. 437,452, Mar. 23; Serial No. 502,856, published Dec. 16, 1947. Class 23.

Torres, August S., Kinderhook, N. Y. Coffee. 437,444, Mar. 23; Serial No. 499,927, published Oct. 14, 1947. Class 46.

Trapet, Maurice, also doing business as Karl Sent of Hollywood, assignor to Herman Graves, Los Angeles, Calif. Base metal, tubular, valve-controlled perfume dispenser. 437,432, Mar. 23; Serial No. 495,914, published Jan. 6, 1948. Class 2.

Trojan Novelties: *See*—
Brown, Roy C.

Union Fork & Hoe Company, The, Columbus, Ohio. Hand-operated field, garden, and lawn tools. 437,441, Mar. 23; Serial No. 498,949, published Dec. 30, 1947. Class 23.

United Pure Food Co., New York, N. Y. Edible vegetable oils. 347,659, June 29, 1937. Republished Mar. 23. Class 46.

United Pure Food Co., New York, N. Y. Olive oil. 360,359, Sept. 13, 1938. Republished Mar. 23. Class 46.

United Pure Food Co., New York, N. Y. Canned vegetables, dried vegetables, canned fruits, etc. 367,392, May 16, 1939. Republished Mar. 23. Class 46.

United States Shoe Corporation, The, Cincinnati, Ohio. Shoes. 334,068, Apr. 21, 1936. Republished Mar. 23. Class 39.

United States Shoe Corporation, The, Cincinnati, Ohio. Shoes. 367,924, June 6, 1939. Republished Mar. 23. Class 39.

Vaneman, Carl C., doing business as National Art and Craft Shops, New York, N. Y., to Hook-Fast Specialties, Inc., Providence, R. I. Belt and buckle. 223,570, renewed Feb. 8, 1947. O. G. Mar. 23. Class 39.

Van Norman Company: *See*—
Van Norman Machine Tool Company.

Van Norman Machine Tool Company, by Van Norman Company, Springfield, Mass. Internal and external cylindrical grinding machines, radius grinding machines (oscillating grinders), etc. 347,022, June 15, 1937. Republished Mar. 23. Class 23.

Victor Syrup Corporation, New York, N. Y. Automatic refrigerated vending machines, refrigerated dispensing machines, etc. 437,428, Mar. 23; Serial No. 493,085, published Dec. 9, 1947. Class 23.

Vilaplana, Eliseo, Buenos Aires, Argentina. Foods and substances used as ingredients of foods. 437,422, Mar. 23; Serial No. 485,932, published Dec. 16, 1947. Class 46.

Vitaminerals, Inc., by Vitaminerals, Inc. (1946), Los Angeles, Calif. Concentrated dehydrated, vegetable milk, and fruit product. 357,104, May 24, 1938. Republished Mar. 23. Class 46.

Vitaminerals, Inc. (1946): *See*—
Vitaminerals, Inc.

Walker, J. C., Brothers, Inc., Exmore, Va. Oysters and salt water fish. 356,629, May 3, 1938. Republished Mar. 23. Class 46.

Wats Manufacturing Enterprises, The, Miami, Fla. Mechanical apparatus and parts thereof. 437,475, Mar. 23; Serial No. 515,593, published Jan. 6, 1948. Class 23.

Watson Company, The, Attleboro, Mass. Flatware and hollowware. 347,744, July 6, 1937. Republished Mar. 23. Class 28.

Wayman, Charles E., Dayton, Ohio. Liniment. 261,417, Sept. 17, 1929. Canceled Feb. 27, 1948. O. G. Mar. 23. Class 6.

Webb, Edward G., doing business as Webb Packing Co., Fullerton, Calif. Fresh citrus fruits. 437,506, Mar. 23. Class 46.

Webb Packing Co.: *See*—
Webb, Edward G.

West Bend Aluminum Co., West Bend, Wis. Aluminum tea kettles. 366,096, Mar. 28, 1939. Republished Mar. 23. Class 13.

Whatmore, Lois, doing business as Kiddypal Products, South Norwalk, Conn. Infant carrying sling. 437,449, Mar. 23; Serial No. 501,222, published Dec. 9, 1947. Class 19.

White, Morton, & Company, Vancouver, British Columbia, Canada. Paper towel dispensers and toilet paper dispensers of the cabinet type. 437,460, Mar. 23; Serial No. 509,063, published Jan. 6, 1948. Class 2.

Wiedemann, Geo., Brewing Co., Inc., The, Newport, Ky. Beer. 354,655, Feb. 15, 1938. Republished Mar. 23. Class 48.

Wilson, N. Bruce, doing business as Automatic Clutch Corporation of Canada, Toronto, Ontario, Canada. Clutches of the centrifugal type. 437,482, Mar. 23; Serial No. 519,848, published Dec. 9, 1947. Class 23.

Wilson's, William M., Sons, Inc., Lansdale, Pa. Gasoline self-measuring pumps. 437,465, Mar. 23; Serial No. 510,291, published Dec. 2, 1947. Class 26.

Windsor Lloyd Products, Inc., Philadelphia, Pa. Tire paint. 437,493, Mar. 23; Serial No. 521,706, published Nov. 11, 1947. Class 16.

Worthington Ball Company, The, Elyria, Ohio. Golf balls. 337,448–9, Aug. 4, 1936. Republished Mar. 23. Class 22.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Coal. International Harvester Company. 380,334, Aug. 20, 1940. Republished Mar. 23.

Seed oats. L. P. Cook. 356,879, May 17, 1938. Republished Mar. 23.

Seeds, Flower. Germain Seed and Plant Company. 354,209, Feb. 8, 1938. Republished Mar. 23.

Seeds, Flower. Germain Seed & Plant Company. 358,429, July 12, 1938. Republished Mar. 23.

CLASS 2

Bags and sacks, Fabric. Bemis Bro. Bag Company. 340,788, Nov. 24, 1936. Republished Mar. 23.

Bags, Combination fabric and paper. Bemis Bro. Bag Company. 340,789, Nov. 24, 1936. Republished Mar. 23.

Bags, Cotton, burlap, and paper. Bemis Bro. Bag Company. 173,156, Sept. 18, 1923. Republished Mar. 23.

Box, Sheet metal. International Cellucotton Products Company. 379,847, July 30, 1940. Republished Mar. 23.

Boxes, cartons and crates, Fibreboard shipping. Mengel Company. 437,429, Mar. 23; Serial No. 493,376, published Jan. 6, 1948.

Boxes, Fibreboard shipping and packing. C. A. Gondert. 437,415, Mar. 23; Serial No. 473,733, published Jan. 6, 1948.

Cabinets, and waste cans, Dispensing. A. P. W. Products Company, Inc. 437,434, Mar. 23; Serial No. 496,680, published Jan. 6, 1948.

Dispenser, Base metal, tubular, valve-controlled, Perfume. M. Trapet. 437,432, Mar. 23; Serial No. 495,914, published Jan. 6, 1948.

Dispensers, and toilet paper dispensers of the cabinet type, Paper towel. Morton White & Company. 437,460, Mar. 23; Serial No. 509,063, published Jan. 6, 1948.

Receptacles. Mears & Hemingway Specialties. 437,489, Mar. 23; Serial No. 520,958, published Jan. 6, 1948.

Receptacles and cases and racks, Wooden. Pepsi-Cola Company. 356,723, May 10, 1938. Republished Mar. 23.

Tanks and cylinders, Metallic bulk. Anco Manufacturing & Supply Company. 437,473, Mar. 23; Serial No. 515,360, published May 6, 1947.

Trays, wooden salad and nut bowls, wooden trays, etc., Decorated wooden. Home & Hobby House. 437,437, Mar. 23; Serial No. 497,389, published Jan. 6, 1948.

CLASS 3

Billfolds. Leather. American Calendar Company. 437,466, Mar. 23; Serial No. 511,852, published Jan. 6, 1948.

CLASS 4

Cleaning fluid. Forbes and Jullly. 308,521, Dec. 5, 1933. Canceled Feb. 13, 1948. O. G. Mar. 13.

Cleaning preparations. C. D. Berman. 374,090, Jan. 2, 1940. Republished Mar. 23.

Detergents, filter soap, liquid garment stain and spot removers, Alkaline. American Disinfecting Co., Inc. 361,152, Oct. 11, 1938. Republished Mar. 23.

Liquid preparation for use as a substitute for soap for cleaning the skin. Cosmex Corp. 425,805, Dec. 3, 1946. Canceled Feb. 27, 1948. O. G. Mar. 23.

Soap flakes. Procter & Gamble Company. 364,103, Jan. 17, 1939. Republished Mar. 23.

Soap, Granulated. Procter & Gamble Company. 364,104, Jan. 17, 1939. Republished Mar. 23.

Soap, Wet-cleaning. Davies-Young Soap Company. 157,662, Aug. 15, 1922. Republished Mar. 23.

Soaps, Toilet. Marshall Field & Company. 347,573, June 29, 1937. Republished Mar. 23.

CLASS 5

Adhesives, Resin type. Armstrong Cork Products Company. 360,745, Sept. 27, 1938. Republished Mar. 23.

CLASS 6

Aerogels, Organic and inorganic. Monsanto Chemical Company. 356,322, Apr. 26, 1938. Republished Mar. 23.

Antitoxine and tissue-builder. J. Carnrick. 25,787, Jan. 1, 1895. Amended. O. G. Mar. 23.

Bacteriocidal and fungicidal compositions. Puratized, Inc. 410,703, Dec. 12, 1944. Canceled Feb. 27, 1948. O. G. Mar. 23.

Biological preparations, etc. Eli Lilly and Company. 189,148, renewed Jan. 5, 1948. O. G. Mar. 23.

Chemical compounds. Monsanto Chemical Company. 349,503, Aug. 31, 1937. Republished Mar. 23.

Chemical compounds. Monsanto Chemical Company. 365,940, Mar. 21, 1939. Republished Mar. 23.

Chemical known as monomethyl paramidophenol sulphate. Mallinckrodt Chemical Works. 158,010, Aug. 22, 1922. Republished Mar. 23.

Chemical preparations, Certain goods in the nature of. J. A. Sexauer Mfg. Co. Inc. 437,509, Mar. 23.

Composition containing chemical ingredients. A. A. Meyer. 368,753, June 27, 1939. Republished Mar. 23.

Disinfectant, deodorant, and germicide. J. W. Murphy. 431,140, July 8, 1947. Canceled Feb. 11, 1948. O. G. Mar. 23.

Disinfectants, deodorants, insecticides, etc. American Disinfecting Co., Inc. 357,094, May 24, 1938. Republished Mar. 23.

Extracts, Tanning. Champion Fibre Company. 337,730, Aug. 18, 1936. Republished Mar. 23.

Hormone, Standardized. N. V. Organon tot Bereiding van Orgaan-Preparaten op Wetenschappelijken Grondslag. 225,189, renewed Mar. 15, 1947. O. G. Mar. 23.

Insecticides. Monsanto Chemical Company. 356,613, July 19, 1938. Republished Mar. 23.

Insecticides, germicides, algicides, etc. Monsanto Chemical Company. 359,273, Aug. 9, 1938. Republished Mar. 23.

Liniment. C. E. Wayman. 261,417, Sept. 17, 1929. Canceled Feb. 27, 1948. O. G. Mar. 23.

Lotion, Greaseless sun tan. Banks & Shorr. 430,458, June 10, 1947. Canceled Feb. 19, 1948. O. G. Mar. 23.

Lotions, Skin. Campana Corporation. 380,465, Aug. 20, 1940. Republished Mar. 23.

Medicinal preparation. Multiproducts Company, Inc. 437,478, Mar. 23; Serial No. 516,909, published Dec. 23, 1947.

Medicinal preparation. Multiproducts Company, Inc. 437,491, Mar. 23; Serial No. 521,201, published Dec. 23, 1947.

Nasal spray preparation. G. M. Broommel. 355,953, Apr. 5, 1938. Republished Mar. 23.

Perfume. E. Daltroff & Cie. 378,572, June 11, 1940. Republished Mar. 23.

Pharmaceutical preparations, for use in shampooing the hair. Murray Frank & Associates. 425,046, Oct. 29, 1946. Canceled Feb. 27, 1948. O. G. Mar. 23.

Powder, Talcum. Smith, Kline & French Co. 220,833, renewed Nov. 16, 1946. O. G. Mar. 23.

Preparations for colds. C. C. Owens. 377,500, May 7, 1940. Canceled Feb. 19, 1948. O. G. Mar. 23.

Preservatives for wood, lumber, and other cellulosic materials. Monsanto Chemical Company. 337,745, Aug. 18, 1936. Republished Mar. 23.

Shampoo, Liquid hair and scalp. Davies-Young Soap Company. 356,933, Apr. 5, 1938. Republished Mar. 23.

Talloel sometimes known as tall oil. Champion Paper and Fibre Company. 358,133, June 28, 1938. Republished Mar. 23.

CLASS 10

Potash, Muriate of. Potash Company of America. 357,289, May 31, 1938. Republished Mar. 23.

CLASS 11

Carbon paper. Kee Loux Manufacturing Company. 366,921, May 2, 1939. Republished Mar. 23.

Carbon papers and typewriter ribbons. Kee Loux Manufacturing Company. 387,508–10, May 20, 1941. Republished Mar. 23.

Typewriter ribbons. Ozalid Corporation. 356,558, May 3, 1938. Republished Mar. 23.

Typewriter ribbons and carbon paper. Kee Loux Manufacturing Company. 69,307, re-renewed June 2, 1948. O. G. Mar. 23.

CLASS 12

Board, composite board, construction board, etc., Fiber. Armstrong-Newport Company. 330,708, Dec. 10, 1935. Republished Mar. 23.

Frame construction, Light steel. Soulé Steel Company. 357,037, May 24, 1938. Republished Mar. 23.

Lumber, woodwork, paneling, etc. Arkansas Soft Pine Bureau. 363,295, Dec. 20, 1938. Republished Mar. 23.

Panels, Architectural wall. Standard Wall Covering Company, Inc. 347,612, June 29, 1937. Republished Mar. 23.

Roof cement, Liquid asbestos. L. D. Stern. 334,403, May 5, 1936. Canceled Feb. 24, 1948. O. G. Mar. 23.

Spackling compound. I. F. Laucks, Inc. 348,976, Aug. 17, 1937. Republished Mar. 23.

CLASS 13

Casters, Furniture. Bassick Company. 346,204–5, May 18, 1937. Republished Mar. 23.

Catches, hood-catch brackets, hood handles, etc., Hood. Bassick Company. 175,377, Nov. 6, 1923. Republished Mar. 23.

Fasteners, Slide. Hookless Fastener Company. 347,835, July 6, 1937. Republished Mar. 23.

Fasteners, Slide-operated. G. E. Prentice Manufacturing Company. 358,091, June 28, 1938. Republished Mar. 23.

Irons, Tilting chair. Bassick Company. 349,272, Aug. 24, 1937. Republished Mar. 23.

Kettles, Aluminum tea. West Bend Aluminum Co. 366,096, Mar. 28, 1939. Republished Mar. 23.
Nozzles, Anti-static gasoline dispensing. Gates Rubber Company. 356,938, May 17, 1938. Republished Mar. 23.
Posts, Supporting. Bassick Company. 349,250, Aug. 24, 1937. Republished Mar. 23.
Warmers, covers for food warmers, and top plates, Food. Duke Manufacturing Co. 369,025, July 11, 1939. Republished Mar. 23.

CLASS 14

Bars, billets, castings, etc. American Rolling Mill Company. 224,201, Feb. 22, 1927. Republished Mar. 23.
Metal, Processed cast iron alloy. Spuck Iron & Foundry Co. 377,510, May 7, 1940. Republished Mar. 23.
Steel, Hot work. Kloster Steel Corporation. 358,441, July 12, 1938. Republished Mar. 23.

CLASS 15

Naphtha. American Mineral Spirits Company. 272,777–8, July 15, 1930. Republished Mar. 23.
Oils and mineral fuel oils, Mineral lubricating. Pure Oil Company. 362,678, Nov. 29, 1938. Republished Mar. 23.
Oils, Lubricating. Pure Oil Company. 261,929, Sept. 24, 1929. Republished Mar. 23.
Oils, Lubricating. Star Oil Company. 166,120, Mar. 27, 1923. Republished Mar. 23.

CLASS 16

Glazing compound. Cove Creek Industries, Inc. 437,487, Mar. 23; Serial No. 520,324, published Nov. 4, 1947.
Lacquer, Ski. Sixty Sales Corporation. 437,481, Mar. 23; Serial No. 519,349, published Oct. 28, 1947.
Paint product, Acid and alkali proof plastic. Nukem Products Corporation. 437,433, Mar. 23; Serial No. 496,516, published Oct. 29, 1946.
Paint, Tire. Windsor Lloyd Products, Inc. 437,493, Mar. 23; Serial No. 521,706, published Nov. 11, 1947.
Paints. Di-Met Proprietary Limited. 437,420, Mar. 23; Serial No. 480,050, published Nov. 4, 1947.
Paints and calcimines, Cold water. I. F. Laucks, Inc. 348,716, Aug. 3, 1937. Republished Mar. 23.
Paints, Cold water. I. F. Laucks, Inc. 337,165, July 28, 1936. Republished Mar. 23.
Wax and Cleaner, Automobile. W. F. Stocking. 437,435, Mar. 23; Serial No. 496,932, published Oct. 21, 1947.
Wax, Quick-drying liquid. Davies-Young Soap Company. 347,402, June 22, 1937. Republished Mar. 23.

CLASS 19

Airplane propellers, propeller hubs, and propeller assemblies. Koppers Company, Inc. 437,418, Mar. 23; Serial No. 479,715, published Nov. 25, 1947.
Bicycles. Associated Merchandising Corporation. 437,456, Mar. 23; Serial No. 506,726, published Nov. 4, 1947.
Ships' propellers. Aktiebolaget Karlstads Mekaniska Werkstad. 437,442, Mar. 23; Serial No. 499,596, published Nov. 11, 1947.
Sling, Infant carrying. L. Whatmore. 437,449, Mar. 23; Serial No. 501,222, published Dec. 9, 1947.
Truck bodies. Electric Boat Company. 437,454, Mar. 23; Serial No. 506,233, published Dec. 2, 1947.

CLASS 20

Floor coverings, Hard-surfaced. Armstrong Cork Products Company. 348,765, Aug. 10, 1937. Republished Mar. 23.

CLASS 21

Lamps, Electric fog. Auto Radiator Manufacturing Company. 361,496, Oct. 18, 1938. Republished Mar. 23.
Radio receiving apparatus and parts thereof. Hoffman Radio Corporation. 424,657, Oct. 15, 1946. Canceled Feb. 19, 1948. O. G. Mar. 23.
Signals for vehicles and switches for such signals, Electric direction. Auto Radiator Manufacturing Company. 370,059, Aug. 15, 1939. Republished Mar. 23.
Storage batteries. Globe-Union Inc. 387,665, May 27, 1941. Republished Mar. 23.
Switch systems, Unitary automatic electric. Minneapolis Heat Regulator Co. 231,890, Aug. 30, 1927. Republished Mar. 23.

CLASS 22

Bags in the nature of beds, Sleeping. C. R. Daniels, Inc. 437,440, Mar. 23; Serial No. 498,506, published Oct. 28, 1947.
Bowling pins. Brunswick-Balke-Collender Company. 281,882, Apr. 7, 1931. Canceled Feb. 11, 1948. O. G. Mar. 23.
Dolls. Imperial Crown Toy Corp. 437,504, Mar. 23; Serial No. 526,234, published Oct. 28, 1947.
Dolls and dolls' clothes. D. Ippolito. 429,941, May 27, 1947. Canceled Feb. 17, 1948. O. G. Mar. 23.
Fishing lines. Powerline Tackle Company. 437,455, Mar. 23; Serial No. 506,341, published Oct. 28, 1947.
Fishing rods, fishing-rod handles, etc. American Fork and Hoe Company. 365,954, Mar. 21, 1939. Republished Mar. 23.
Golf balls. Worthington Ball Company. 337,448–9, Aug. 4, 1936. Republished Mar. 23.
Golf clubs. E. M. Bright. 437,496, Mar. 23; Serial No. 522,413, published Oct. 28, 1947.
Miniature airplanes. R. C. Brown. 437,462, Mar. 23; Serial No. 509,499, published Oct. 28, 1947.
Toy balloons and wind-operated sound emitting toys. Bayshore Industries, Inc. 437,499, Mar. 23; Serial No. 523,561, published Oct. 28, 1947.
Toy rattles and baby exercisers. Eliscu & Company. 411,441, Jan. 16, 1945. Canceled Feb. 19, 1948. O. G. Mar. 23.

CLASS 23

Apparatus for registering flat bed printing plates with their corresponding fixed registry elements. H. H. Heinrich, Inc. 437,497, Mar. 23; Serial No. 523,468, published Dec. 23, 1947.
Clutches of the centrifugal type. N. B. Wilson. 437,482, Mar. 23; Serial No. 519,848, published Dec. 9, 1947.
Conveyors, Underground mining. La-Del Conveyors & Manufacturing Company. 437,419, Mar. 23; Serial No. 479,881, published Dec. 30, 1947.
Cutters, wood scrapers, sandpaper holders, etc., Glass. Red Devil Tools. 437,425, Mar. 23; Serial No. 490,396, published Dec. 16, 1947.
Cutting machines, Power driven. C. E. Miller. 437,485, Mar. 23; Serial No. 519,972, published Dec. 23, 1947.
Drills, Pneumatic. Pneumatic Tool Sales & Repair Co., Inc. 437,474; Mar. 23; Serial No. 515,448, published Jan. 6, 1948.
Embossing and printing machines and parts thereof. Farrington Manufacturing Company. 280,020, Feb. 10, 1931. Amended. O. G. Mar. 23.
Farm machinery. Iron Fireman Manufacturing Company. 437,423, Mar. 23; Serial No. 486,488, published Dec. 9, 1947.
Files. Nicholson File Company. 437,421, Mar. 23; Serial No. 482,387, published Jan. 6, 1948.
Filter cartridges, Oil. American Oil Company. 437,469, Mar. 23; Serial No. 514,404, published Dec. 23, 1947.
Filter cartridges, Oil. American Oil Company. 437,476, Mar. 23; Serial No. 516,654, published Dec. 23, 1947.
Filtering elements, Replacement. General Motors Corporation. 437,467, Mar. 23; Serial No. 514,195, published Jan. 6, 1948.
Fire fighting apparatus, Vehicle mounted fog projecting. Food machinery Corporation. 437,451, Mar. 23; Serial No. 501,968, published Dec. 16, 1947.
Grinding machines, radius grinding machines (oscillating grinders), etc., Internal and external cylindrical. Van Norman Machine Tool Company. 347,022, June 15, 1937. Republished Mar. 23.
Hoists and quarry drag buckets, Stationary drum and cable. General Machinery Company. 437,416, Mar. 23; Serial No. 475,952, published Dec. 9, 1947.
Keyway cutting broach and bushing sets. Du Mont Corporation. 437,501, Mar. 23; Serial No. 524,528, published Dec. 16, 1947.
Lathes. F. A. Smith Manufacturing Co., Inc. 437,477, Mar. 23; Serial No. 516,797, published Jan. 6, 1948.
Lubricators. National Industrial Products Corporation. 437,479, Mar. 23; Serial No. 518,420, published Dec. 23, 1947.
Machines for cutting concrete, pavement, and the like. Cutcrete Corporation. 437,503, Mar. 23; Serial No. 525,553, published Dec. 16, 1947.
Machines for cutting food. C. E. Dippel & Company, Inc. 437,461, Mar. 23; Serial No. 509,268, published Dec. 9, 1947.
Machine-tools. Société Genevoise d'Instruments de Physique. 437,453, Mar. 23; Serial No. 503,765, published Jan. 6, 1948.
Material handling equipment. Barrett-Cravens Company. 359,340, Aug. 16, 1938. Republished Mar. 23.
Materials-handling equipment. Lewis-Shepard Products Inc. 437,424, Mar. 23; Serial No. 486,960, published Jan. 6, 1948.
Mechanical apparatus and parts thereof. Wata Manufacturing Enterprises. 437,475, Mar. 23; Serial No. 515,593, published Jan. 6, 1948.
Pistons. W. Jahns, Jr. 437,495, Mar. 23; Serial No. 522,169, published Jan. 6, 1948.
Plows and parts thereof. Oliver Corporation. 437,472, Mar. 23; Serial No. 515,130, published Jan. 6, 1948.
Portable apparatus for producing liquid oxygen, expansion engines, evacuators, etc. Linde Air Products Company. 437,445, Mar. 23; Serial No. 500,230, published Dec. 23, 1947.
Pumps. Bendix Products Corporation. 359,482, Aug. 23, 1938. Republished Mar. 23.
Rakes and parts thereof. C-K-R Company. 360,979, Oct. 4, 1938. Republished Mar. 23.
Regulators, hydraulically operated vehicle seat adjusters, etc., Hydraulically operated vehicle. Detroit Harvester Company. 437,427, Mar. 23; Serial No. 492,600, published Jan. 6, 1948.
Rollers, Printers'. W. L. Lewis. 437,488, Mar. 23; Serial No. 520,512, published Dec. 9, 1947.
Rolls, Alloy iron. Mackintosh-Hemphill Company. 437,502, Mar. 23; Serial No. 525,002, published Dec. 16, 1947.

Saw-mill and mining machinery, accessories, and parts, etc. Pescott Company. 228,847, June 14, 1927. Republished Mar. 23.
Saws, Timber. Harry A. Lowther Company. 437,511, Mar. 23.
Sheet metal ware. Lalance & Grosjean Mfg. Co. 437,448, Mar. 23; Serial No. 500,807, published Dec. 23, 1947.
Shelling machines, Nut. Pekor Iron Works. 437,486, Mar. 23; Serial No. 520,177, published Dec. 9, 1947.
Shovels, scoops, and spades, Hand. Magor Car Corporation. 437,483, Mar. 23; Serial No. 519,883, published Jan. 6, 1948.
Shovels, scoops, and spades, Hand. Magor Car Corporation. 437,484, Mar. 23; Serial No. 519,885, published Jan. 6, 1948.
Spoons, Non-metallic. Spir-It, Inc. 388,872, July 15, 1941. Republished Mar. 23.
Stapling machines, and staple lifters and staple removers. Ace Fastener Corporation. 363,964, Jan. 17, 1939. Republished Mar. 23.
Stumpers and root rakes, Machine operated detachable. Florida Land Clearing Equipment Co. 437,498, Mar. 23; Serial No. 523,516, published Jan. 6, 1948.
Tongs. Goodman-Kleiner Co. Inc. 437,458, Mar. 23; Serial No. 507,000, published Dec. 23, 1947.
Tool, Fruit and vegetable hand-paring. L. C. Domack. 437,431, Mar. 23; Serial No. 494,824, published Dec. 9, 1947.
Tools. Automotive Gear Works, Inc. 367,378, May 16, 1939. Republished Mar. 23.
Tools, Hand. American Fork and Hoe Company. 378,897, June 25, 1940. Republished Mar. 23.
Tools, Hand. Setten & Durward Limited. 437,430, Mar. 23; Serial No. 494,522, published Dec. 16, 1947.
Tools, Hand-operated field, garden, and lawn. Union Fork & Hoe Company. 437,441, Mar. 23; Serial No. 498,949, published Dec. 30, 1947.
Tools, Hand punch brad-driving. Markwell Mfg. Co., Inc. 437,492, Mar. 23; Serial No. 521,267, published Dec. 23, 1947.
Tools, metal can perforators, Hand abrasive sanding. M. P. Glowacki. 437,457, Mar. 23; Serial No. 506,813, published Dec. 9, 1947.
Tools, Metal cutting. William Jessop & Sons Limited. 437,464, Mar. 23; Serial No. 510,175, published Dec. 16, 1947.
Tractor cabs. Tokheim Oil Tank and Pump Company. 437,452, Mar. 23; Serial No. 502,856, published Dec. 16, 1947.
Trowels, garden forks, weeders, etc. Metal Products Corporation. 437,471, Mar. 23; Serial No. 514,904, published Dec. 23, 1947.
Vending machines, refrigerated dispensing machines, etc., Automatic refrigerated. Victor Syrup Corporation. 437,428, Mar. 23; Serial No. 493,085, published Dec. 9, 1947.

CLASS 26

Blue print paper and cloths, sensitized Van Dyke paper and cloth, etc., Sensitized. Spaulding-Moss Company. 354,884, Mar. 1, 1938. Republished Mar. 23.
Film, Sensitized photographic. Agfa Ansco Corporation. 357,337, May 31, 1938. Republished Mar. 23.
Film, Sensitized photographic. Agfa Ansco Corporation. 358,422, July 12, 1938. Republished Mar. 23.
Film, Sensitized photographic. Agfa Ansco Corporation. 359,057, Aug. 2, 1938. Republished Mar. 23.
Gauges and instruments for measuring, indicating or recording vacuums, Vacuum. George E. Fredericks Company. 437,468, Mar. 23; Serial No. 514,265, published Dec. 23, 1947.
Lenses, Optical. Eastman Kodak Company. 437,446, Mar. 23; Serial No. 500,376, published Dec. 16, 1947.
Measuring instruments, Electronic. Electronic Measurements Corporation. 437,463, Mar. 23; Serial No. 509,642, published Dec. 23, 1947.
Ophthalmic mountings. Shuron Optical Company, Inc. 437,414, Mar. 23; Serial No. 468,930, published Dec. 16, 1947.
Pumps, Gasoline self-measuring. William M. Wilson's Sons, Inc. 437,465, Mar. 23; Serial No. 510,291, published Dec. 2, 1947.
Still, Electrically heated. Polychrome Corporation. 437,470, Mar. 23; Serial No. 514,490, published Dec. 23, 1947.
Temperature control units, Automatic. McLaughlin Company. 437,450, Mar. 23; Serial No. 501,857, published Nov. 25, 1947.

CLASS 28

Flatware and hollowware. Watson Company. 347,744, July 6, 1937. Republished Mar. 23.

CLASS 31

Refrigerators. Broquinda Inc. 348,614, Aug. 3, 1937. Republished Mar. 23.

CLASS 32

Cabinets, Metal filing. General Fireproofing Co. 367,503, May 16, 1939. Republished Mar. 23.
Chairs. General Fireproofing Co. 357,613, June 7, 1938. Republished Mar. 23.
Furniture, Office, store, hospital and bank. General Fireproofing Company. 281,855, Mar. 31, 1931. Republished Mar. 23.
Material handling equipment. Barrett-Cravens Company 359,464, Aug. 23, 1938. Republished Mar. 23.
Mattresses, box mattresses, cushions, etc. John P. Cleese Inc. 225,885, renewed Mar. 29, 1947. O. G. Mar. 23.

CLASS 34

Lamps and fixtures, Candy burning. Candy & Company, Inc. 359,497, Aug. 23, 1938. Republished Mar. 23.
Shutters and dampers. Elgo Shutter & Manufacturing Company. 357,142, May 24, 1938. Republished Mar. 23.

CLASS 35

Hose, Rubber. Gates Rubber Company. 337,784, Aug. 18, 1936. Republished Mar. 23.
Tires, Pneumatic. General Tire & Rubber Company. 355,697–8, Mar. 29, 1938. Republished Mar. 23.

CLASS 36

Pianos. Haddorff Piano Company. 349,447, Aug. 31, 1937. Republished Mar. 23.
Stands, Music. Norwood Company. 437,508, Mar. 23.

CLASS 37

Book and printing papers. Kimberly-Clark Corporation. 365,463, Mar. 7, 1939. Republished Mar. 23.
Box and pail partitions, Slotted. W. J. Bradford Paper Company. 334,574, May 5, 1936. Republished Mar. 23.
Charts and questionnaires. Mutual Benefit Life Insurance Company. 347,093, June 15, 1937. Republished Mar. 23.
Paper, Coated. Consolidated Water Power & Paper Company. 388,396, June 24, 1941. Republished Mar. 23.
Paper, Printing. Champion Paper and Fibre Company. 361,275–6, Oct. 11, 1938. Republished Mar. 23.
Paper, Tissue. Crown Zellerbach Corporation. 379,518, July 16, 1940. Republished Mar. 23.
Paper, Wrapping. Crown Zellerbach Corporation. 362,758, Nov. 29, 1938. Republished Mar. 23.
Pens, mechanical pencils, and desk sets, Fountain. Parker Pen Company. 355,441, Mar. 15, 1938. Republished Mar. 23.
Record cards and index bristol, Visible. Acme Visible Records, Inc. 379,101, July 2, 1940. Republished Mar. 23.
Tissue, Toilet. International Cellucottòn Products Company. 354,948, Mar. 1, 1938. Republished Mar. 23.

CLASS 38

Books, booklets, and pamphlets, Printed. First National Bank of St. Louis. 229,676, renewed July 5, 1947. O. G. Mar. 23.
Cards, Mailing. Brown & Bigelow. 235,053, Nov. 8, 1927. Republished Mar. 23.
Magazine. Bemis Bro. Bag Company. 381,225, Sept. 17, 1940. Republished Mar. 23.
Magazine section. A. Bowyer. 363,135, Dec. 13, 1938. Republished Mar. 23.
Newspaper section, Daily. Baltimore Publishing Company. 218,949, renewed Oct. 5, 1946. O. G. Mar. 23.
Publications issued periodically. Jones Publishing Corporation. 365,666, Mar. 14, 1939. Canceled Feb. 19, 1948. O. G. Mar. 23.

CLASS 39

Belt and buckle. C. C. Vaneman. 223,570, renewed Feb. 8, 1947. O. G. Mar. 23.
Coats, Sport. Greenhill & Daniel. 229,748, renewed July 5, 1947. O. G. Mar. 23.
Corsets. Franco Corset Company. 365,340, Mar. 7, 1939. Republished Mar. 23.
Diapers, Sanitary baby. International Cellucotton Products Company. 349,084, Aug. 17, 1937. Republished Mar. 23.
Dress, work, and under shirts, Men's. Apollo Shirt Company. 336,803, July 21, 1936. Canceled Feb. 19, 1948. O. G. Mar. 23.
Dresses, Ladies'. R. W. Hamilton. 349,005, Aug. 17, 1937. Republished Mar. 23.
Dresses, Women's, ladies' and misses'. Hubrite Informal Frocks, Inc. 357,483, June 7, 1938. Republished Mar. 23.
Hats, Men's. George S. Bailey Hat Company, Inc. 500,012, Mar. 23.
Hosiery. J. Mann. 437,500, Mar. 23; Serial No. 524,337, published Dec. 9, 1947.
Hosiery. Northmont Hosiery Corporation. 367,159, May 9, 1939. Republished Mar. 23.
Outer shorts, Girls' and women's. Koret of California, Inc. 431,512, July 22, 1947. Canceled Feb. 11, 1948. O. G. Mar. 23.
Overcoats, Men's. Foreman & Clark. 429,920, May 27, 1947. Canceled Feb. 27, 1948. O. G. Mar. 23.
Pajamas. Amoskeag Pajama Co. Inc. 387,871, June 3, 1941. Republished Mar. 23.
Shoes. United States Shoe Corporation. 334,068, Apr. 21, 1936. Republished Mar. 23.

Shoes. United States Shoe Corporation. 367,924, June 6, 1939. Republished Mar. 23.
Stockings. Howard Hosiery Company. 318,108, Oct. 16, 1934. Canceled Feb. 19, 1948. O. G. Mar. 23.
Suits, Men's and boys'. Moe Levy & Son, Inc. 337,346, Aug. 4, 1936. Republished Mar. 23.
Suspenders, garters, and belts. Pioneer Suspender Company. 353,797, Jan. 18, 1938. Republished Mar. 23.

CLASS 42

Cotton goods in the piece. B. G. Browdy. 413,898, May 15, 1945. Canceled Feb. 19, 1948. O. G. Mar. 23.
Piece goods. Henry A. Dix & Sons Corporation. 226,821, renewed Apr. 19, 1947. O. G. Mar. 23.
Piece goods. Frankly Fabrics Corp. 437,417, Mar. 23; Serial No. 477,411, published Dec. 9, 1947.
Piece goods, Cotton. Pacific Mills. 196,293, Mar. 17, 1925. Canceled Feb. 18, 1948. O. G. Mar. 23.
Sheeting, sheets and pillow cases, Cotton. Naumkeag Steam Cotton Company. 437,426, Mar. 23; Serial No. 490,761, published Mar. 26, 1946.
Tablecloths, window curtains, doilies, and table place covers. Hydro-Tex Corp. 437,505, Mar. 23.

CLASS 43

Thread and yarns. Monsanto Chemical Company. 437,494, Mar. 23; Serial No. 521,749, published Jan. 6, 1948.
Yarn. Spinnerin Yarn Co., Inc. 500,011, Mar. 23.
Yarn. Spun Fibers, Inc. 437,480, Mar. 23; Serial No. 518,918, published Jan. 6, 1948.

CLASS 44

Sanitary napkins. Berkeley Company. 273,877, Aug. 19, 1930. Corrected. Mar. 23.
Sanitary napkins. International Cellucotton Products Company. 348,928, Aug. 17, 1937. Republished Mar. 23.
Teethers, Teething rings, and teething necklaces. Ellscu & Company. 412,046, Feb. 13, 1945. Canceled Feb. 19, 1948. O. G. Mar. 23.

CLASS 45

Cranberry juice. Cranberry Canners, Inc. 381,245, Sept. 17, 1940. Republished Mar. 23.
Syrup, Nonalcoholic, maltless. E. W. Payne. 228,119, renewed May 24, 1947. O. G. Mar. 23.

CLASS 46

Candy bars, Chocolate. Les Cisterciennes Réformées. 434,123, Nov. 11, 1947. Corrected. O. G. Mar. 23.
Canned beans, prepared Mexican style. Leverton and Company. 437,490, Mar. 23; Serial No. 521,141, published Dec. 9, 1947.
Canned dog food. Ready Foods Canning Corp. 437,510, Mar. 23.
Canned vegetables, dried vegetables, canned fruits, etc. United Pure Food Co. 367,392, May 16, 1939. Republished Mar. 23.
Coffee. B. Fischer & Co. 62,171, re-renewed Apr. 23, 1947. O. G. Mar. 23.
Coffee. A. S. Torres. 437,444, Mar. 23; Serial No. 499,927, published Oct. 14, 1947.
Condiment. S. B. Penick & Company. 437,438, Mar. 23; Serial No. 497,407, published Dec. 16, 1947.
Dextrose. Corn Products Refining Company. 437,459, Mar. 23; Serial No. 507,969, published Dec. 23, 1947.
Extracts, Flavoring. Neil's Laboratory. 355,950, Apr. 5, 1938. Republished Mar. 23.
Extracts, Food flavoring. Brown-Rogers-Dixson Co. 437,413, Mar. 23; Serial No. 462,633, published Nov. 12, 1946.
Feeds for live stock and poultry. City Mills Company. 437,439, Mar. 23; Serial No. 497,651, published Dec. 16, 1947.
Flour, Wheat. Robinson Milling Company. 337,592, Aug. 11, 1936. Republished Mar. 23.
Flour, Wheat. Standard Milling Company. 361,939, Nov. 8, 1938. Republished Mar. 23.
Flour, Wheat. Standard Milling Company. 388,962, July 22, 1941. Republished Mar. 23.
Food, Bird. M. Geisler. 235,621, renewed Nov. 22, 1947. O. G. Mar. 23.
Food for dogs and other carnivorous animals, Meat. Canine Food and Products Co. 437,436, Mar. 23; Serial No. 497,294, published Dec. 16, 1947.
Food for infants and invalids. Benger's Food, Limited. 198,325, renewed May 12, 1945. O. G. Mar. 23.
Food for infants and invalids. Benger's Food Limited. 223,944, renewed Feb. 15, 1947. O. G. Mar. 23.
Food formula for cage birds. Kellogg Seed Company. 354,361, Feb. 8, 1938. Republished Mar. 23.
Foods and substances used as ingredients of foods. E. Vilaplana. 437,422, Mar. 23; Serial No. 485,932, published Dec. 16, 1947.
Fruits, Fresh citrus. E. G. Webb. 437,506, Mar. 23.
Ice cream. Rogers Brothers. 428,291, Mar. 18, 1947. Canceled Feb. 27, 1948. O. G. Mar. 23.
Ice cream manufacture, Stabilizer for use in. Kraft Foods Company. 437,443, Mar. 23; Serial No. 499,636, published Oct. 15, 1946.
Ingredients for making puddings. Chocolate Products Company. 368,701, June 27, 1939. Republished Mar. 23.
Jelly, apple butter, and fruit preserves. Blanke-Baer Extract & Preserving Company. 167,111, Apr. 24, 1923. Republished Mar. 23.
Nut meats, Salted, candied, and plain. Keiling Nut Co. 359,940, Sept. 6, 1938. Republished Mar. 23.
Oils, Edible vegetable. United Pure Food Co. 347,659, June 29, 1937. Republished Mar. 23.
Olive oil. United Pure Food Co. 360,359, Sept. 13, 1938. Republished Mar. 23.
Oysters and salt water fish. J. C. Walker Brothers, Inc. 356,629, May 3, 1938. Republished Mar. 23.
Peppers, Cherry. W. Berez. 437,507, Mar. 23.
Powder, Granulated. Haco Gesellschaft A. G. 437,447, Mar. 23; Serial No. 500,654, published Dec. 23, 1947.
Shortening. Procter & Gamble Company. 356,069, Apr. 12, 1938. Republished Mar. 23.
Vegetable milk, and fruit product, Concentrated dehydrated. Vitaminerals, Inc. 357,104, May 24, 1938. Republished Mar. 23.
Vegetables and canned fish, Fresh. Gerber & Gerber. 382,810, Nov. 12, 1940. Canceled Feb. 27, 1948. O. G. Mar. 23.
Wheat-flour. Star Flour Mills. 148,717, Nov. 22, 1921. Canceled Feb. 19, 1948. O. G. Mar. 23.

CLASS 47

Champagne or sparkling wine. American Wine Company. 44,662, July 18, 1905. Republished Mar. 23.
Champagne-wine. American Wine Company. 28,269, May 19, 1896. Republished Mar. 23.

CLASS 48

Beer. Geo. Wiedemann Brewing Co., Inc. 354,655, Feb. 15, 1938. Republished Mar. 23.
Beer and ale. P. Ballantine and Sons. 337,230, Aug. 4, 1936. Republished Mar. 23.
Beer and ale. Horlacher Brewing Company. 365,939, Mar. 21, 1939. Republished Mar. 23.

CLASS 49

Liquors, Distilled alcoholic. A. S. Bowman. 347,081, June 15, 1937. Republished Mar. 23.
Whiskey. A. S. Bowman. 362,915, Dec. 6, 1938. Republished Mar. 23.

CLASS 50

Leather, Artificial. Respro Inc. 353,871, Jan. 18, 1938. Republished Mar. 23.
Plastic compound, Non-metallic. Pla-Steele Company. 366,677, Apr. 25, 1939. Canceled Feb. 10, 1948. O. G. Mar. 23.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 23D DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Ganter, Francis X., Los Angeles, Calif. Window drape rod hanging means. Re. 22,989, Mar. 23.
Hansen, William W., Garden City, and R. H. Varian, Wantagh, N. Y., assignors to The Board of Trustees of The Leland Stanford Junior University, Stanford University, Calif. Modulation system. Re. 22,990, Mar. 23.
Hitchcock, Rex B., Brussels, Belgium, and W. C. Rosenthal, Chicago, Ill., assignors to International Harvester Company. Implement construction. Re. 22,991, Mar. 23.

International Harvester Company, assignee: *See*—
Hitchcock, Rex B., and Rosenthal.
Rosenthal, William C.: *See*—
Hitchcock, Rex B., and Rosenthal.
Varian, Russell H.: *See*—
Hansen, William W., and Varian.

LIST OF PLANT PATENTEES

Bridges, Everett R., administrator: *See*—
Rogers, Rowland S.
Kellogg, De Ross, Milford, Conn., assignor to Stark Bro's Nurseries and Orchards Company, Louisiana, Mo. Plum tree. 793, Mar. 23.
Rogers, Rowland S., deceased, by E. R. Bridges, administrator, Bloomfield, Ind., assignor to Stark Bro's Nurseries and Orchards Company, Louisiana, Mo. Apple tree. 794, Mar. 23.

Stark Bro's Nurseries and Orchards Company, assignee: *See*—
Kellogg, De Ross.
Rogers, Rowland S.
Williams, Fred D., Porterville, Calif. Peach tree. 795, Mar. 23.

LIST OF DESIGN PATENTEES

Acton, Grant M., assignor to Temp-Rite Manufacturing Company, Arkansas City, Kans. Bottle carrier. 149,034, Mar. 23.
Allen, William M.: *See*—
Clark, Kendall, and Allen.
Arcuni, Joseph P., Long Island, N. Y. Textile fabric or similar article. 149,035, Mar. 23.
Avila, John V., San Jose, Calif. Refrigerated display unit. 149,036, Mar. 23.
Backer, George, New York, N. Y. Woven plastic fabric. 149,037, Mar. 23.
Barber, Joel D., New York, N. Y. Chair. 149,038, Mar. 23.
Barré, Robert A., New York, N. Y. Combined watch case and wrist band. 149,039, Mar. 23.
Barré, Robert A., New York, N. Y. Combined watch case and band. 149,040, Mar. 23.
Becker, Robert H., assignee: *See*—
Rixson, Ewing S.
Beder, Samuel L., New York, N. Y. Figure toy. 149,041, Mar. 23.
Bickel, Saul S.: *See*—
Cooper, Benjamin, and Bickel.
Billingsley, William F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 149,042, Mar. 23.
Bjorncrants, Carl G., Evanston, assignor to Sears, Roebuck and Co., Chicago, Ill. Kitchen range. 149,045, Mar. 23.
Blumenthal, David, and H. L. Seiden, assignors to Phil-Mar Mfg. Corp., Chicago, Ill. Hostess tray. 149,046, Mar. 23.
Boes, W. W., Company, The, assignee: *See*—
Clark, Kendall, and Allen.
Botany Mills, Inc., assignee: *See*—
Goldsmith, Berthold, Jr.
Bouligny, Lawrence A., Miami, Fla. Aquarium table. 149,043, Mar. 23.
Brown, Chester A., and H. Faber, Grand Rapids, Mich. Radio service bench. 149,044, Mar. 23.
Clark, Kendall, Dayton, and W. M. Allen, Hamilton, assignor to The W. W. Boes Company, Dayton, Ohio. Nut-cracker or similar article. 149,047, Mar. 23.
Cooper, Benjamin, and S. S. Bickel, New York, N. Y. Dress. 149,048, Mar. 23.
Coro, Inc., assignee: *See*—
Katz, Adolph.
Davis, John E., Sherman Oaks, assignor to Na Mac Products Corp., Los Angeles, Calif. Condiment container. 149,049, Mar. 23.
Donohue, Kathryn P., Brentwood, Pa. Christmas stocking. 149,050, Mar. 23.
Edwards, Herbert E., Wellesley Hills, assignor to T. J. Edwards, Inc., Boston, Mass. Transfer ribbon unit for marking machines. 149,051, Mar. 23.
Edwards, T. J., Inc., assignee: *See*—
Edwards, Herbert E.
Elnes, Arny O., assignor of one-half to C. H. Taylor, Duluth, Minn. Wrench. 149,052, Mar. 23.
Epstein, Herman, Kansas City, Mo. Plant support. 149,053, Mar. 23.
Evins, Inc., assignee: *See*—
Levin, David E.
Faber, Henry: *See*—
Brown, Chester A., and Faber.
Frei, Otto, New York, assignor to O. A. Scheurmann, Bayside, N. Y. Lace or similar article. 149,054, Mar. 23.
Frei, Otto, New York, assignor to O. A. Scheurmann, Bayside, N. Y. Lace or similar article. 149,055, Mar. 23.
Frei, Otto, New York, assignor to O. A. Scheurmann, Bayside, N. Y. Lace or similar article. 149,056, Mar. 23.
General Time Instruments Corporation, assignee: *See*—
Schlenker, Max E.
Goldsmith, Berthold, Jr., Woodmere, N. Y., assignor to Botany Mills, Inc., Passaic, N. J. Font of type or similar article. 149,057, Mar. 23.
Goodrich, B. F., Company, The, assignee: *See*—
Billingsley, William F.
Groos, Eleanor, Mount Vernon, N. Y. Ring box or similar article. 149,058, Mar. 23.
Hanrahan, Emery M., Kenosha, Wis. Comb holder. 149,059, Mar. 23.
Harvuot, Richard E., Inglewood, assignor to Interstate Aircraft and Engineering Corp., El Segundo, Calif. Brush attachment for vacuum cleaners. 149,060, Mar. 23.
Harvuot, Richard E., Inglewood, assignor to Interstate Aircraft and Engineering Corp., El Segundo, Calif. Nozzle attachment for vacuum cleaners. 149,061, Mar. 23.
Herbst, John, New York, N. Y. Perfume bottle stopper or similar article. 149,062, Mar. 23.
Herbst, John, New York, N. Y. Perfume bottle stopper or similar article. 149,063, Mar. 23.
Herbst, John, New York, N. Y. Perfume bottle stopper or similar article. 149,064, Mar. 23.
Herbst, John, New York, N. Y. Perfume bottle stopper or similar article. 149,065, Mar. 23.

Holley, Selwyn B., assignee, et al.: *See*—
Norman, Bert T.
Holley, Vernal M., assignee, et al.: *See*—
Norman, Bert T.
Interstate Aircraft and Engineering Corp., assignee: *See*—
Harvuot, Richard E.
Kaplan, Barnet D., New York, assignor of one-half to A. Weiner, Brooklyn, N. Y. Hygienic soap dish. 149,066, Mar. 23.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 149,067, Mar. 23.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 149,068, Mar. 23.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 149,069, Mar. 23.
Kinsley, Felix P., St. Louis, Mo. Finger ring. 149,070, Mar. 23.
Koven, Marc, New York, N. Y. Pendant or similar article. 149,071, Mar. 23.
Larsen, Olai F., Jr., Demarest, N. J., assignor to Noma Electric Corporation, New York, N. Y. Wheeled pull toy. 149,072, Mar. 23.
Levin, David E., Brooklyn, assignor to Evins, Inc., New York, N. Y. Lady's shoe or similar article. 149,073, Mar. 23.
Levine, Joseph, Flushing, N. Y. Closure for bung holes or the like. 149,074, Mar. 23.
Lewis, Malcolm W., West Clarkesville, N. Y. Double-headed hatchet. 149,075, Mar. 23.
Loewy, Raymond, New York, N. Y. Building. 149,076, Mar. 23.
Loewy, Raymond, New York, N. Y. Building. 149,077, Mar. 23.
Lucchesi, Jack, Chicago, Ill. Wall bracket. 149,078, Mar. 23.
Lux Clock Mfg. Co., The, assignee: *See*—
Lux, Frederick.
Lux, Frederick, Middlebury, assignor to The Lux Clock Mfg. Co., Waterbury, Conn. Clock casing. 149,079, Mar. 23.
Malkin, Simon, New York, N. Y., assignor to United Cigar-Whelan Stores Corporation. Overhead counter display stand. 149,080, Mar. 23.
Michaels, Maurice A., Montclair, N. J., assignor to Sterilseat Corporation of America, Philadelphia, Pa. Violet ray towel and soap cabinet. 149,081, Mar. 23.
Miller, Willis H., Dallas, Tex. Book end or similar article. 149,082, Mar. 23.
Mooney, Charles, Waco, Tex. Abacus. 149,083, Mar. 23.
Na Mac Products Corp., assignee: *See*—
Davis, John E.
Nelson, Robert W., Minneapolis, Minn. Shrimp knife. 149,084, Mar. 23.
Newman, Nathan S., Denver, Colo. Meat platter or similar article. 149,085, Mar. 23.
Noma Electric Corporation, assignee: *See*—
Larsen, Olai F., Jr.
Norman, Bert T., assignor to S. B. and V. M. Holley, Los Angeles, Calif. Chicken picking finger unit. 149,086, Mar. 23.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 149,087, Mar. 23.
Phil-Mar Mfg. Corp., assignee: *See*—
Blumenthal, David, and Selden.
Primex Equipment Company, assignee: *See*—
Reinecke, Jean O.
Reinecke, Jean O., Oak Park, assignor to Primex Equipment Company, Chicago, Ill. X-ray shoe fitting cabinet. 149,088, Mar. 23.
Rixson, Ewing S., Greenwich, Conn., assignor to R. H. Becker, Tuckahoe, N. Y. Decanter or the like. 149,089, Mar. 23.
Roxy Manufacturing Company, assignee: *See*—
Stein, Sylvia.
Scheurmann, Otto A., assignee: *See*—
Frei, Otto.
Scheurmann, Otto A., Bayside, N. Y. Orphrey or similar article. 149,090, Mar. 23.
Schlenker, Max E., Peru, Ill., assignor to General Time Instruments Corporation, New York, N. Y. Clock. 149,091, Mar. 23.
Sears, Roebuck and Co., assignee: *See*—
Bjorncrantz, Carl G.
Selden, Herman L.: *See*—
Blumenthal, David, and Selden.
Seidenbaum, Jeannette, Brooklyn, N. Y. Bib. 149,092, Mar. 23.
Seymour, Sara L., Altadena, Calif. Coin bank or similar article. 149,093, Mar. 23.
Silverman, Louis, New York, N. Y. Slip or similar article. 149,094, Mar. 23.
Slater, Murray, Brooklyn, N. Y. Brooch or the like. 149,095, Mar. 23.
Sloan, Conrad H., Duluth, Minn. Antiskid chain link. 149,096, Mar. 23.
Sorrentino, Vincent, Providence, R. I. Finger ring or similar article. 149,097, Mar. 23.
Stein, Sylvia, assignor to Roxy Manufacturing Company, Chicago, Ill. Rocking horse. 149,098, Mar. 23.
Sterilseat Corporation of America, assignee: *See*—
Michaels, Maurice A.
Sweet, H. E., Manufacturing Co., assignee: *See*—
Sweet, Hobert E.
Sweet, Hobert E., assignor to H. E. Sweet Manufacturing Co., Providence, R. I. Push pin. 149,099, Mar. 23.
Taylor, Clarence H., assignee: *See*—
Elnes, Arny O.
Temp-Rite Manufacturing Company, assignee: *See*—
Acton, Grant M.
Trifari, Krussman & Fishel, Inc., assignee: *See*—
Philippe, Alfred.
United Cigar-Whelan Stores Corporation, assignee: *See*—
Malkin, Simon.
Ward, Raymond R., Brecksville, Ohio. Soap cake holder. 149,100, Mar. 23.
Weiner, Abner, assignee: *See*—
Kaplan, Barnet D.
Woller-Duff, Hilda, New York, N. Y. Glove. 149,101, Mar. 23.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 23D DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Acme Industrial Hydraulics, Inc., assignee: *See*—
Gabriel, Adam.
Adams, Harold E., Norwalk, assignor to Nash Engineering Company, South Norwalk, Conn. Pump. 2,438,104, Mar. 23.
Addressograph-Multigraph Corporation, assignee: *See*—
Curtis, Franklin E.
Gruver, John H., and Hueber.
Aeppli, Albert, assignor to Maag-Zahnrader und- Maschinen Aktiengesellschaft, Zurich, Switzerland. Machine for grinding tooth flanks by means of profile generating discs. 2,438,138, Mar. 23.
Agriculture, United States of America, as represented by the Secretary of, assignee: *See*—
Filachione, Edward M., and Fisher.
Fisher, Charles H., and Fein.
Fraenkel-Conrat, Heinz L., Humfeld, Lewis, Dimick, and Olcott.
Schniepp, Lester E.
Air Reduction Company, Incorporated, assignee: *See*—
Hughey, Howard G.
Aktiengesellschaft Fuer Technische Studien, assignee: *See*—
Ruegg, Rudolf.
Alamo Corporation, The, assignee: *See*—
Toelke, August F.
Alburn, Harvey E., West Chester, Pa., J. Charney, New York, N. Y., and F. W. Bernhart, Solon, Ohio, assignors to Wyeth Incorporated, Philadelphia, Pa. Peroral penicillin compositions. 2,438,106, Mar. 23.
Alexander, Focsaneanu, Flushing, assignor of one-half to A. Lavenburg, New York, N. Y. Gaseous discharge device. 2,438,356, Mar. 23.
Allied Chemical & Dye Corporation, assignee: *See*—
Hoyt, Lester F.
Alves, David S., Richmond, Calif. Paddle target unit for ball games. 2,438,263, Mar. 23.
American Brass Company, The, assignee: *See*—
Candee, Ellsworth T., and Anderson.
American Cyanamid Company, assignee: *See*—
Lecher, Hans Z., Parker, and Long.
Stearns, Edwin I., Jr., and Buc.
American Dairies Incorporated, assignee, et al.: *See*—
Turner, Charles W., and Reineke.
American Laundry Machinery Company, The, assignee: *See*—
Matthews, Albert.
American Maize-Products Company, assignee: *See*—
Schopmeyer, Herman H.
American Molded Products Co., assignee: *See*—
Henry, George L.
American Steel Foundries, assignee: *See*—
Cottrell, Robert B., and Helsten.
Tack, Carl E.
American Viscose Corporation, assignee: *See*—
McDermott, Henry J.
Anderson, Alton R.: *See*—
Candee, Ellsworth T., and Anderson.
Andrews, Roy, assignee: *See*—
McDonough, William P.
Archer Rubber Company, assignee: *See*—
Callahan, John T., and Gilbertson.
Archibald, Raymond C., Berkeley, and B. S. Greensfelder and F. T. Eggertsen, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of catalysts. 2,438,379, Mar. 23.
Arens, Charles A., assignor to Arens Controls, Inc., Chicago, Ill. Transmission cable. 2,438,380, Mar. 23.
Arens Controls, Inc., assignee: *See*—
Arens, Charles A.
Armour and Company, assignee: *See*—
Sifferd, Robert H.
Arnott, Edward G. F., Upper Montclair, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Mercury pool electronic device. 2,438,139, Mar. 23.
Ashe, Edward J., Knoxville, and O. E. Webber, Fountain City, assignors to Standard Knitting Mills, Inc., Knoxville, Tenn. Undergarment. 2,438,310, Mar. 23.
Ashworth, Handel: *See*—
Doblin, Percy W., and Ashworth.
Auten, Clande L., assignor to Tennessee Coal, Iron and Railroad Company, Birmingham, Ala. Combination plastic and metal building construction. 2,438,140, Mar. 23.
Automatic Electric Laboratories, Inc., assignee: *See*—
Riebe, Theodore C.
Avco Manufacturing Corporation, assignee: *See*—
Caminez, Harold.
B. F. B. Engineers, Incorporated, assignee: *See*—
Buchet, Conrad R.
Babbitt, Daniel R., assignor to Electric Steel Foundry, Portland, Oreg. Pipe coupling. 2,438,107, Mar. 23.
Bailey, Charles L.: *See*—
Lambert, Robert D., and Bailey.
Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Spraying apparatus. 2,438,471, Mar. 23.
Banker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Lockup one-way torsional force exerting device. 2,438,381, Mar. 23.
Barler, Richard C., Goshen, and J. H. Yoder, Waterford, Ind.; said Yoder assignor to said Barler. Sheet metal cabinet and making the same. 2,438,108, Mar. 23.
Barnett, Joseph J., assignor to Chase Candy Company, Chicago, Ill. Tubular package forming and filling method and apparatus. 2,438,198, Mar. 23.
Barth, Elmer J.: *See*—
Peterson, Carl D., and Barth.
Becker, Henry E., Chicago, Ill. Method and apparatus for the heat-treatment of low grade coal. 2,438,199, Mar. 23.
Behr, Lyell C., and R. S. Schreiber, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. N,N'-Bis(3-diethylaminopropylamide) of dibasic aliphatic acids. 2,438,200, Mar. 23.
Bell Telephone Laboratories, Incorporated, assignee: *See*—
Sebell, Harry.
Bell Telephone Laboratories, Incorporated, assignee: *See*—
Brattain, Walter H.
Darlington, Sidney.
Fox, Arthur G.
Belmont Radio Corporation, assignee: *See*—
Marholz, Richard C.
Bender, Joseph, Jr., assignor to The General Industries Company, Elyria, Ohio. Phonograph driving mechanism. 2,438,264, Mar. 23.
Bendix Aviation Corporation, assignee: *See*—
Gregg, David.
Hegy, Louis.
Konet, Henry.
Bennett, Frederick D., Dayton, and T. A. Newkirk, Fairfield, Ohio. Temperature control device. 2,438,109, Mar. 23.
Bergeim, Frank H.: *See*—
Lott, William A., and Bergeim.
Bernhart, Finn W.: *See*—
Alburn, Harvey E., Charney, and Bernhart.
Berry, Russell G., Maplewood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Pump discharge fitting. 2,438,311, Mar. 23.
Biazzi, Mario, Brig, Switzerland. Separation of liquid emulsions. 2,438,244, Mar. 23.
Birdsall, Robert E., Detroit, Mich., assignor of twenty-four percent to G. R. Hotton, Williams Bay, and one-eighth to J. A. Moran, Delavan, Wis. Wall construction. 2,438,428. Mar. 23.
Birtman Electric Company, assignee: *See*—
Sparklin, Charles H.
Bloomberg, David J., Newton, Mass., assignor to General Electric Company. Double rotation turbodrive. 2,438,357, Mar. 23.
Bonte, Frederick R., assignor to The Timken Roller Bearing Company, Canton, Ohio. Graphitic steel. 2,438,267, Mar. 23.
Borg-Warner Corporation, assignee: *See*—
Holt, Ray G.
Born, Leo W., Collingswood, N. J., assignor to Radio Corporation of America. Oscillation generator. 2,438,382, Mar. 23.
Brattain, Walter H., Halesite, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical translating materials and devices and making them. 2,438,110, Mar. 23.
Bratton, Samuel M., assignor to The Pusey & Jones Corporation, Wilmington, Del. Steam joint supporting structure. 2,438,141, Mar. 23.
Bressler, Louis R., Southampton, Mass. Flexible bristle head toothbrush. 2,438,268, Mar. 23.
Briggs Manufacturing Company, assignee: *See*—
Ball, Albert P.
Guest, James F.
Laing, Howard M.
Prance, Alvin W.
Bristol Company, The, assignee: *See*—
Jacobson, Abraham W., and Whitney.

British Insulated Callender's Cables Limited, assignee: *See*—
Hollingsworth, Douglas T.

Brock, Harold L.: *See*—
Roeder, Dale, and Brock.

Brode, Robert B., Berkeley, Calif., assignor to the United States of America as represented by the Secretary of the Navy. Unshorting switch. 2,438,383, Mar. 23.

Broudy, Albert M., Pittsburgh, assignor of one-half to J. R. Snyder, Wilkinsburg, Pa. Toilet stool. 2,438,384, Mar. 23.

Brower, Watson C., assignee: *See*—
Brower, William H.

Brower, William H., assignor of one-half to W. C. Brower, Clark, S. Dak. Air cushion pad for gun stocks. 2,438,142, Mar. 23.

Brown, Frank E., Burbank, assignor to F. M. Turnbull, Los Angeles, Calif. Cord support. 2,438,143, Mar. 23.

Buc, George L.: *See*—
Stearns, Edwin I., Jr., and Buc.

Buchet, Conrad R., Pasadena, Calif., assignor of three-fourths to B. F. B. Engineers, Incorporated, and one-fourth to M. H. Lees, Jr. Rivet stem puller and cutter. 2,438,201, Mar. 23.

Buckbee, John A., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Color television system. 2,438,269, Mar. 23.

Bunn, George P., Bartlesville, Okla., and H. J. Pankratz, Borger, Tex., assignors to Phillips Petroleum Company. Expansion joint for high temperatures. 2,438,312, Mar. 23.

Bunyar, Benn A., Jr., Kansas City, Mo. Surgical brace. 2,438,144, Mar. 23.

Burkhart, Raymond A., and W. M. Finlayson, Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corporation. Method and apparatus for cooling and lubricating bearings. 2,438,385, Mar. 23.

Burns, Frank D., Long Beach, assignor to The Hays Corporation, Michigan City, Ind. Adjustable cam. 2,438,202, Mar. 23.

Burton, Clyde E., Overton, Tex. Safety locking device for sucker rod couplings. 2,438,313, Mar. 23.

Butler, William F.: *See*—
Cutter, Fred A., and Butler.

Butterbaugh, Darrel J.: *See*—
Spence, Le Roy U., Butterbaugh, and Kundiger.

Bywater, William, Limited, assignee: *See*—
Kingston, William H.

Calcott, Walter C., assignor to Chicago Metal Hose Corporation, Maywood, Ill. Hose coupling. 2,438,472, Mar. 23.

Calico Printers' Association, Limited, The, assignee: *See*—
Lantz, Louis A., and Schofield.

California Research Corporation, assignee: *See*—
Levine, Irving E.
Lewis, Allen H.

Callahan, Hugh J., Wilmington, Del. Ship's telegraph recorder. 2,438,331, Mar. 23.

Callahan, John T., West Newton, and J. A. Gilbertson, assignors to Archer Rubber Company, Milford, Mass. Waterproof outer garment. 2,438,429, Mar. 23.

Callite Tungsten Corporation, assignee: *See*—
Kurtz, Jacob, and Zampieri.

Caminez, Harold, Williamsport, Pa., assignor to Avco Manufacturing Corporation. Making manifolds for engines. 2,438,145, Mar. 23.

Campbell, Lyman L.: *See*—
Selby, Theodore R., and Campbell.

Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Stylus for sound reproduction. 2,438,111, Mar. 23.

Candee, Ellsworth T., and A. R. Anderson, Waterbury, Conn., assignors to The American Brass Company. Flexible metal hose. 2,438,146, Mar. 23.

Candler-Hill Corporation, assignee: *See*—
Schlosser, Arthur G.

Canister Company, The, assignee: *See*—
Di Cosmo, Pasquale V., and Ricciardi.

Carnegie-Illinois Steel Corporation, assignee: *See*—
Burkhart, Raymond A., and Finlayson.
Dunn, Edward J.
Kinnear, James W., Jr.

Carr, Leo F., Painesville, Ohio. Grinding wheel. 2,438,203, Mar. 23.

Carter Carburetor Corporation, assignee: *See*—
Berry, Russell G.

Carter, Donald W., Cleveland Heights, Ohio. Diamond tool dresser. 2,438,147, Mar. 23.

Castiglia, Biagis, assignor to Wheel Aligning Necessities, Inc., New York, N. Y. Wheel gauge for vehicles. 2,438,358, Mar. 23.

Castner, James B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitration apparatus. 2,438,204, Mar. 23.

Celanese Corporation of America, assignee: *See*—
Dodge, Frederick G.

Chamberlain, Paul A., assignor to Signode Steel Strapping Company, Chicago, Ill. Bundle binding machine. 2,438,386, Mar. 23.

Chance, A. B., Company, assignee: *See*—
Hubbard, David C.

Charney, Jesse: *See*—
Alburn, Harvey E., Charney, and Bernhart.

Chase Brass & Copper Co. Incorporated, assignee: *See*—
Trudeau, Andre J.

Chase Candy Company, assignee: *See*—
Barnett, Joseph J.

Chicago Eye Shield Company, assignee: *See*—
Malcom, Robert L.

Chicago Metal Hose Corporation, assignee: *See*—
Calcott, Walter C.

Clapp, Richard G., Haverford, assignor to Philco Corporation, Philadelphia, Pa. Television receiver circuits and apparatus. 2,438,359, Mar. 23.

Clark, Leverett M.: *See*—
Strong, Elbie C., and Clark.

Clarke, Charles J., Syracuse, N. Y. Sounding device. 2,438,332, Mar. 23.

Clurman, Albert W., trustee, assignee: *See*—
Jacobs, Maurice.

Coates, J. Edwin, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Measuring instrument. 2,438,205, Mar. 23.

Colaiaco, August P., Pittsburgh, Pa., assignor, by mesne assignments, to the United States of America, as represented by the United States Atomic Energy Commission. Pump. 2,438,387, Mar. 23.

Corning Glass Works, assignee: *See*—
Hyde, James F.

Corson, Ben B., and R. S. Detrick, assignors to Koppers Company, Inc., Pittsburgh, Pa. Crude anthracene separation. 2,438,148, Mar. 23.

Cotes, Mervin F., East Lansing, assignor to Motor Wheel Corporation, Lansing, Mich. Window for cooking range oven doors. 2,438,270, Mar. 23.

Cottrell, Robert B., and W. A. Helsten, assignors to American Steel Foundries, Chicago, Ill. Brake arrangement for railway disc brakes. 2,438,473, Mar. 23.

Cuneo, Joseph F.: *See*—
Doumani, Thomas F., and Cuneo.

Curtis, Franklin E., Willoughby, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Apparatus for indenting characters in medals and the like. 2,438,271, Mar. 23.

Cutler-Hammer, Inc., assignee: *See*—
Feldhausen, Cyril P., and Lommen.

Cutler, Wallace M., Gloucester, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Soaking, freezing, and drying by sublimation of untanned hides. 2,438,150, Mar. 23.

Cutter, Fred A., Berkeley, and W. F. Butler, Oakland, assignors to Cutter Laboratories, Berkeley, Calif. Stopper. 2,438,149, Mar. 23.

Cutter Laboratories, assignee: *See*—
Cutter, Fred A., and Butler.

Dalton, Joseph P., Berlin, N. J. Signal staff holding finger. 2,438,314, Mar. 23.

Dana Corporation, assignee: *See*—
Peterson, Carl D., and Barth.

Dance, Darnell A., Salem, Ark. Static eliminator for radio receiving sets. 2,438,272, Mar. 23.

Darlington, Sidney, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Bombsight computer. 2,438,112, Mar. 23.

Daven Company, The, assignee: *See*—
Doucette, Edmund.

Davis & Furber Machine Company, assignee: *See*—
Koolstra, John A.

Davis, Ralph B., Prestonsburg, Ky. Aircraft propulsion mechanism. 2,438,151, Mar. 23.

Dawley, Clarence E.: *See*—
Slack, Charles M., and Dawley.

Day, William P., Cleveland Heights, assignor to The International Vibration Company, Cleveland, Ohio. Rotor for vibrator units. 2,438,206, Mar. 23.

Dayton Steel Foundry Company, The, assignee: *See*—
Miller, Elmer L.

Delany, John J., Brooklyn, assignor to Delany Realty Corporation, New York, N. Y. Regulator stem seal. 2,438,360, Mar. 23.

Delany Realty Corporation, assignee: *See*—
Delany, John J.

Denmark, Robert, New York, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Method and apparatus for winding grids. 2,438,113, Mar. 23.

Dennedy, James H., Evansville, Ind., assignor to Seeger Refrigerator Company. Refrigerator construction. 2,438,114, Mar. 23.

Dennison Manufacturing Company, assignee: *See*—
Flood, Edward W. and C. A.

Derby, John H., Scarsdale, assignor of one-third to C. M. Wilson and one-third to H. D. Spencer, New York, N. Y. Means for controlling the flushing of urinals. 2,438,207, Mar. 23.

De Semple, Albert A., Portland, Oreg. Steel wool holder. 2,438,152, Mar. 23.

Detrick, Robert S.: *See*—
Corson, Ben B., and Detrick.

Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Piston and seal. 2,438,153, Mar. 23.

Dickens, Lonnie A., High Point, N. C. Hill-holding brake device. 2,438,154, Mar. 23.

Dickman, Joseph E., Chicago, Ill. Motion-picture projector adapter for showing still pictures. 2,438,333, Mar. 23.

Di Cosmo, Pasquale V., Phillipsburg, and M. C. Ricciardi, Dover, assignors to The Canister Company, Phillipsburg, N. J. Canister. 2,438,430, Mar. 23.

Diller, Isaac M., Glen Ridge, N. J. Welding metal bodies by high-frequency electric heating of dielectric material therebetween. 2,438,155, Mar. 23.

Dimick, Keene P.: *See*—
Fraenkel-Conrat, Heinz L., Humfeld, Lewis, Dimick, and Olcott.

Diversey Corporation, The, assignee: *See*—
Rich, Hyman R.

Dobbs, John M., Timperley, and J. H. Ludlow, Bowdon, England. Screening means for vacuum electric tube devices. 2,438,115, Mar. 23.

Doblin, Percy W., Brooklyn, and H. Ashworth, Baldwin, N. Y. Belt splicing device. 2,438,361, Mar. 23.

Dodds, John M., Timperley, and J. H. Ludlow, Bowdon, England. Uncontrolled transmitter tuning and antenna switching arrangements. 2,438,116, Mar. 23.

Dodds, John M., Timperley, and J. H. Ludlow, Bowdon, England. Multirange tuner for ultra high frequency transmitters. 2,438,474, Mar. 23.

Dodds, John M., Timperley, and J. H. Ludlow, Bowdon, England. Multirange tuner for ultra high frequency transmitters. 2,438,475, Mar. 23.

Dodds, John M., Timperley, and J. H. Ludlow, Bowdon, England. Multirange tuning means for radio frequency generators. 2,438,476, Mar. 23.

Dodds, John M., Timperley, and J. H. Ludlow, Bowdon, England. Tuning circuit for radio transmitters. 2,438,477, Mar. 23.

Dodge, Frederick G., La Vale, Md., assignor to Celanese Corporation of America. Pile materials and production thereof. 2,438,156, Mar. 23.

Dolk, Harold G., Hoquiam, Wash., assignor of one-half to C. M. Manker, Portland, Oreg. Fishing pole holder. 2,438,388, Mar. 23.

Dormeyer, A. F., Mfg. Co., assignee: *See*—
Strauss, Alfred, Feltman, Hunt, and Harbaugh.

Doucette, Edmund, assignor to The Daven Company, Newark, N. J. Attenuator. 2,438,431, Mar. 23.

Douglas Aircraft Company, Inc., assignee: *See*—
Coates, J. Edwin.

Doumani, Thomas F., Long Beach, and J. F. Cuneo, assignors to Union Oil Company of California, Los Angeles, Calif. Ketone production. 2,438,334, Mar. 23.

Dow Chemical Company, The, assignee: *See*—
Stanton, George W.

Dresser, Willis Robert: *See*—
Waller, Fred, and Dresser.

Dugas, Joseph J., assignor to Higgins Industries, Inc., New Orleans, La. Clutch mechanism. 2,438,157, Mar. 23.

Dunkelberger, George F., Yeadon, and C. A. Schehl, Manoa, Pa., assignors to General Electric Company. Wire cleat. 2,438,362, Mar. 23.

Dunlop Rubber Company Limited, assignee: *See*—
Illingworth, James W.

Dunn, Edward J., West Mifflin, Pa., assignor to Carnegie-Illinois Steel Corporation. Spectrographic pin stand. 2,438,158, Mar. 23.

Du Pont, E. I., de Nemours & Company, assignee: *See*—
Behr, Lyell C., and Schreiber.
Castner, James B.

Earl, John A., assignor to The Vitro Manufacturing Company, Pittsburgh, Pa. Making ceramic stains. 2,438,335, Mar. 23.

Eastern Air Devices, Inc., assignee: *See*—
Hamilton, Hugh G.

Eastes, James A., Mount Comfort, Ind. Wobble basket washing machine. 2,438,273, Mar. 23.

Eastman Oil Well Survey Company, assignee: *See*—
Livingston, Herman G.

Edge, Stanley H., Lincoln, England. Hydraulic selector valve mechanism for hydraulic servomotors. 2,438,389, Mar. 23.

Edwards, Samuel H., Richmond, Calif. Torsion spring mounting. 2,438,432, Mar. 23.

Eggertsen, Frank T.: *See*—
Archibald, Raymond C., Greensfelder, and Eggertsen.

Eisele, Andrew, Detroit, Mich. Internal bore gauge. 2,438,274, Mar. 23.

Electric Steel Foundry, assignee: *See*—
Babbit, Daniel R.

Ellwood, Walter B., New York, N. Y. Valve for depth charge firing mechanisms. 2,438,117, Mar. 23.

Eriand af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Refrigerating apparatus of the intermittent absorption or adsorption type. 2,438,105, Mar. 23.

Erson, Erik G., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus. 2,438,390, Mar. 23.

Esmco Auto Products Corporation, assignee: *See*—
Greene, David.

Ewing, Charles E., assignor to The General Industries Company, Elyria, Ohio. Two-speed drive for phonograph turntables. 2,438,266, Mar. 23.

Ex-Cell-O Corporation, assignee: *See*—
Snader, Ira J., and Seyferth.

Faber, John P., assignor to Ransome Machinery Company, Dunellen, N. J. Concrete spreader. 2,438,159, Mar. 23.

Fairbanks, Morse & Co., assignee: *See*—
Pedersen, Tage.

Fairchild Camera and Instrument Corporation, assignee: *See*—
Moore, David W., Jr.

Farboil Paint Company, Inc., assignee: *See*—
Swartz, Milton D., and Yellott.

Farmers and Merchants Bank, assignee: *See*—
Reynolds, Theron E., and Fyffe.

Farnsworth Research Corporation, assignee: *See*—
Buckbee, John A.

Fazzio, Santo J., Glassboro, N. J. Hydraulic press. 2,438,433, Mar. 23.

Fein, Martin L.: *See*—
Fisher, Charles H., and Fein.

Feldhausen, Cyril P., Wauwatosa, and R. M. Lommen, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for motor-driven printing presses and other machines. 2,438,276, Mar. 23.

Fell, Raymond E., and J. W. Miller, assignors to Motor Wheel Corporation, Lansing, Mich. Fuel supply control means for combustion apparatus. 2,438,275, Mar. 23.

Feltman, Eric G.: *See*—
Strauss, Alfred, Feltman, Hunt, and Harbaugh.

Ferber, William: *See*—
Patrosio, William, and Ferber.

Fife, Roy E. and R. E., Jr., Long Beach, Calif. Oil well mast. 2,438,277, Mar. 23.

Fife, Roy E., Jr.: *See*—
Fife, Roy E. and R. E., Jr.

Filachione, Edward M., Philadelphia, and C. H. Fisher, Abington, Pa., assignors to the United States of America as represented by the Secretary of Agriculture. Continuous converting lactic acid to polylactic acid. 2,438,208, Mar. 23.

Finlayson, William M.: *See*—
Burkhart, Raymond A., and Finlayson.

Fischer, Herbert G. M.: *See*—
Tyson, Charles W., Fischer, and Murphree.

Fisher, Charles H., Abington, Pa., and M. L. Fein, Riverside, N. J., assignors to the United States of America, as represented by the Secretary of Agriculture. Azeotropic distillation of acetic anhydride. 2438,278, Mar. 23.

Flood, Carl A.: *See*—
Flood, Edward W. and C. A.

Flood, Edward W. and C. A., assignors to Dennison Manufacturing Company, Framingham, Mass. Tag printing machine. 2,438,118, Mar. 23.

Ford Motor Company, assignee: *See*—
Roeder, Dale, and Brock.

Forney, James D., Fort Collins, Colo. Electrode holder. 2,438,279, Mar. 23.

Fox, Arthur G., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission. 2,438,119, Mar. 23.

Fraenkel-Conrat, Heinz L., H. Humfeld, and J. C. Lewis, Berkeley, and K. P. Dimick, Lafayette, and H. S. Olcott, Berkeley, Calif., assignors to the United States of America, as represented by the Secretary of Agriculture. Reaction product of gramicidin and formaldehyde and method of production. 2,438,209, Mar. 23.

Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Dehydrogenation of 2,3-dimethylbutane. 2,438,315, Mar. 23.

Frevgang, Walter H., Essex Fells, N. J., assignor to Kidde Manufacturing Co., Inc. Apparatus for dehumidifying air. 2,438,120, Mar. 23.

Friedman, Jules, New York, N. Y. Button broaching machine. 2,438,363, Mar. 23.

Friedman, Theodore, New York, N. Y. Collapsible container. 2,438,434, Mar. 23.

Frisch, Marie: *See*—
Ryer, August I., and Frisch.

Fullers' Earth Union Limited, The, assignee: *See*—
Speakman, John B., and Whewell.

Fyffe, Everett: *See*—
Reynolds, Theron E., and Fyffe.

G. M. S. Corporation, assignee: *See*—
Morton, William A., and Sloan.

Gabriel, Adam, River Forest, assignor, by mesne assignments, to Acme Industrial Hydraulics, Inc., Chicago, Ill. Pressure fluid follow-up servomotor. 2,438,316, Mar. 23.

Gabriel, Adam, River Forest, assignor, by mesne assignments, to Acme Industrial Hydraulics, Inc., Chicago, Ill. Servo actuator. 2,438,317, Mar. 23.

Gagnon, Jules, Verdun, Quebec, Canada. Combined lock and key. 2,438,435, Mar. 23.

Gailey, Florence L., Los Angeles, Calif. Stocking heel protector. 2,438,280, Mar. 23.

Gallagher, Mabel H., Chicago, Ill. Jointed structure. 2,438,391, Mar. 23.

Garrett Corporation, Airesearch Manufacturing Company division, The, assignee: *See*—
Morris, Charles O.

Gates Rubber Company, assignee: *See*—
Nassimbene, Ernest.

General Aniline & Film Corporation, assignee: *See*—
Johnston, Robert C.
Martin, Willibald.

General Electric Company, assignee: *See*—
Bloomberg, David J.
Dunkelberger, George F., and Schehl.
Keister, James E.
Mendelsohn, Lewis I.
Oppel, John A.

General Electric X-Ray Corporation, assignee: *See*—
Kizaur, Arthur J.

General Industries Company, The, assignee: *See*—
Bender, Joseph, Jr.
Ewing, Charles E.
Metzner, Robert G.

General Motors Corporation, assignee: *See*—
Storer, Richard M.

Gerber, Paul D., Woodlynne, N. J., assignor to Radio Corporation of America. Oscillation generation control. 2,438,392, Mar. 23.

Gies, Harry H., assignee: *See*—
Morden, Harley W.

Gilbertson, John A.: *See*—
Callahan, John T., and Gilbertson.

Gleason Works, assignee: *See*—
Wildhaber, Ernest.

Gluckin, Edwin W., Brooklyn, N. Y. Brassière. 2,438,210, Mar. 23.

Goldbaum, Milton B., Brooklyn, N. Y. Bunion protector and means thereon for holding the same in place. 2,438,364, Mar. 23.

Goldsby, Arthur R.: *See*—
Sensel, Eugene E., Smith, and Goldsby.

Gordon, Alexander M., Providence, R. I., assignor to Money-Meters, Inc. Coin receiving device. 2,438,336, Mar. 23.

Gordon, Louis J., Chicago, Ill. Combination rule and compass. 2,438,337, Mar. 23.

Gordon, Sheldon, Madison, Wis., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War. Method for processing plastic sheets. 2,438,281, Mar. 23.

Gorin, Everett: *See*—
Harrington, George A., and Gorin.

Gorin, Manuel H., and L. G. Sharp, Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Process using aluminum bromide-hydrocarbon complex to promote alkylation of aromatic hydrocarbons by olefins of more than two carbon atoms per molecule. 2,438,211, Mar. 23.

Grand Rapids Metal Cabinet Company, assignee: *See*—
Stevenson, Ralph, and Nadolsky.

Graves, Reber, Glen Ellyn, Ill. Plate hanger. 2,438,436, Mar. 23.

Green, James H., West Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control of swaging temperatures. 2,438,160, Mar. 23.

Greene, David, assignor to Esmco Auto Products Corporation, Brooklyn, N. Y. Combination ladder stool. 2,438,212, Mar. 23.

Greenlee, Harry R., Indianapolis, assignor to The Studebaker Corporation, South Bend, Ind. Temperature control for engines. 2,438,161, Mar. 23.

Greensfelder, Bernard S.: *See*—
Archibald, Raymond C., Greensfelder, and Eggertsen.

Gregg, David, Caldwell, assignor to Bendix Aviation Corporation, Teterboro, N. J. System and means for returning leakage fluid to a main fluid supply. 2,438,245, Mar. 23.

Grinnell Corporation, assignee: *See*—
Linker, William L., and Welshman.

Gruver, John H., East Cleveland, and C. J. Hueber, Euclid, assignors to Addressograph-Multigraph Corporation, Cleveland, Ohio. Index tab for printing devices. 2,438,282, Mar. 23.

Guest, James F., Royal Oak, assignor to Briggs Manufacturing Company, Detroit, Mich. Jig or fixture. 2,438,162, Mar. 23.

Gustin, Daniel S.: *See*—
Morehead, Chalmers, and Gustin.

Haas, Otto R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fuse setting mechanism. 2,438,165, Mar. 23.

Haling, Otto W., Rochester, Minn. Inner piston ring. 2,438,163, Mar. 23.

Hall, Ike D., Baytown, Tex., assignor to Standard Oil Development Company. Separation of diolefins and contaminating hydrocarbons from rich ammoniacal aqueous solutions. 2,438,437, Mar. 23.

Hamilton Art Metal Corporation, assignee: *See*—
Wedemeyer, Eric.

Hamilton, Hugh G., Baldwin, assignor to Eastern Air Devices, Inc., Brooklyn, N. Y. Gyroscope erection system. 2,438,213, Mar. 23.

Hammond, John H., Jr., Gloucester, Mass. Bomb detonating mechanism. 2,438,438, Mar. 23.

Hamner, James C.: *See*—
Hamner, James H., J. C., and L. H.

Hamner, James H., J. C., and L. H., Clarksdale, Miss. Machine for picking cotton. 2,438,393, Mar. 23.

Hamner, Lloyd H.: *See*—
Hamner, James H., J. C., and L. H.

Harbaugh, Watson D.: *See*—
Strauss, Alfred, Feltman, Hunt, and Harbaugh.

Hardinge Brothers, Inc., assignee: *See*—
Strom, David W.

Harrington, George A., and E. Gorin, Dallas, Tex., assignors to Socony-Vacuum Oil Company, Incorporated. Production of methacrylic acid. 2,438,164, Mar. 23.

Harvey, Thomas H.: *See*—
Johnson, Wallace J. S., and Harvey.

Hawes, Harold B., Fairfield, Conn. Roof ventilator. 2,438,166, Mar. 23.

Hays Corporation, The, assignee: *See*—
Burns, Frank D.

Hazeltine Research, Inc., assignee: *See*—
Wheeler, Harold A.

Heard, Edward C., Los Angeles, Calif. Burglar alarm. 2,438,167, Mar. 23.

Hearst, Gabrielle M.: *See*—
Hearst, Walter R. and G. M.

Hearst, Walter R. and G. M., San Francisco, Calif. Stabilization of shell eggs. 2,438,168, Mar. 23.

Hegy, Louis, Burbank, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Switching system. 2,438,283, Mar. 23.

Helsten, Wesley A.: *See*—
Cottrell, Robert B., and Helsten.

Hemminger, Charles E.: *See*—
Russell, Robert P., Murphree, and Hemminger.

Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Chemical process for the catalytic conversion of hydrocarbon oils. 2,438,439, Mar. 23.

Henne, Albert L., assignor to The Ohio State University Research Foundation, Columbus, Ohio. Fluorinated dibasic acids and preparing same. 2,438,484, Mar. 23.

Henne, Albert L., assignor to The Ohio State University Research Foundation, Columbus, Ohio. Fluorinated dibasic acids and preparing same. 2,438,485, Mar. 23.

Henry, George L., assignor to American Molded Products Co., Chicago, Ill. Facial analysis chart. 2,438,246, Mar. 23.

Hepp, Carlos A., Palisade, and P. Schoenster, assignors, by mesne assignments, to Alfred Hofmann & Company, West New York, N. J. Stop means for textile apparatus and the like. 2,438,365, Mar. 23.

Hercules Powder Company, assignee: *See*—
Lorand, Eugene J., and Reese.

Herman Pneumatic Machine Company, assignee: *See*—
Johnston, Loyal L.

Hetzel, Stanford J.: *See*—
Kennedy, Robert M., and Hetzel.

Hetzel, Stanford J., Cheltenham, and R. M. Kennedy, Drexel Hill, assignors to Sun Oil Company, Philadelphia, Pa. Preparation of cyclopentadiene. 2,438,400, Mar. 23.

Hetzel, Stanford J., Cheltenham, and R. M. Kennedy, Drexel Hill, assignors to Sun Oil Company, Philadelphia, Pa. Treatment of hydrocarbons. 2,438,404, Mar. 23.

Higgins Industries, Inc., assignee: *See*—
Dugas, Joseph J.

Hines, Claude M., Verona, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electronic vehicle control apparatus. 2,438,394, Mar. 23.

Hirsch, Stephen G., assignor to Ocean City Manufacturing Company, Philadelphia, Pa. Spool for fishing reels. 2,438,440, Mar. 23.

Hofmann, Albert: *See*—
Stoll, Arthur, and Hofmann.

Hofmann, Alfred, & Company, assignee: *See*—
Hepp, Carlos A., and Schoenster.

Hollingsworth, Douglas T., assignor to British Insulated Callender's Cables Limited, London, England. Detecting leaks in electric cables containing fluid under pressure. 2,438,441, Mar. 23.

Holt, Ray G., Euclid, Ohio, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Pump with differential impeller control. 2,438,442, Mar. 23.

Homeyer, August H.: *See*—
Wallingford, Vernon H., and Homeyer.

Hopper, Dwight L., Wilkinsburg, Pa., assignor, by mesne assignments, to the United States of America, as represented by the United States Atomic Energy Commission. Pump. 2,438,395, Mar. 23.

Horger, Ralph E., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing railway car axle and journal box assembly. 2,438,214, Mar. 23.

Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,438,284, Mar. 23.

Horn, Jacque E., New York, N. Y. Pad-mounting device for applying and distributing wax, oil, and other like material to floors and like surfaces. 2,438,338, Mar. 23.

Hotton, George R., assignee, et al.: *See*—
Birdsall, Robert E.

Houldsworth, Robert, Breightmet, Bolton, England. Telescopic hydraulic jack. 2,438,285, Mar. 23.

Hoyt, Lester F., East Aurora, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Manufacture of detergents. 2,438,169, Mar. 23.

Hubbard, David C., assignor to A. B. Chance Company, Centralia, Mo. Tool for applying fuse links to fused cutouts. 2,438,121, Mar. 23.

Huber, John E., Cincinnati, Ohio, assignor to Illinois Watch Case Co., Elgin, Ill. Film retainer. 2,438,286, Mar. 23.

Hueber, Carl J.: *See*—
Gruver, John H., and Hueber.

Hughey, Howard G., Fanwood, N. J., assignor to Air Reduction Company, Incorporated. Gas heating torch. 2,438,170, Mar. 23.

Humfeld, Harry: *See*—
Fraenkel-Conrat, Heinz L., Humfeld, Lewis, Dimick, and Olcott.

Hunt, Melville M.: *See*—
Strauss, Alfred, Feltman, Hunt, and Harbaugh.

Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Preparing silicones and product thereof. 2,438,478, Mar. 23.

Hypnarowski, Adam, Buffalo, N. Y. Fishing reel. 2,438,287, Mar. 23.

Illingworth, James W., Little Aston, Sutton Coldfield, assignor to Dunlop Rubber Company Limited, London, England. Drying of textile materials. 2,438,366, Mar. 23.

Illinois Watch Case Co., assignee: *See*—
Huber, John E.

International Vibration Company, The, assignee: *See*—
Day, William P.

Ipatieff, Vladimir N., and L. Schmerling, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of polyalkyl aromatics. 2,438,215, Mar. 23.

Jacobs, Gordon B., Carthage, N. Y., and O. I. Steigerwalt, Chicago, Ill., assignors to the United States of America as represented by the Secretary of War. Electronic device circuit. 2,438,396, Mar. 23.

Jacobs, Maurice, Ridgefield, N. J., assignor, by mesne assignments, to A. W. Clurman, New York, N. Y., as trustee. Laminated sheet and composition for coating laminae. 2,438,339, Mar. 23.

Jacobson, Abraham W., New Haven, and E. M. Whitney, Woodbury, assignors to The Bristol Company, Waterbury, Conn. Apparatus for determining balance in an electrical network. 2,438,288, Mar. 23.

Jamieson, Ralph, Edinburgh, Scotland. Garment provided with sleeves. 2,438,171, Mar. 23.

Jerguson Gage & Valve Co., assignee: *See*—
Winton, Lewis B.

Jermyn, Arthur C., Brighton, N. Y. Egg tray for refrigerators. 2,438,443, Mar. 23.

Jessen, Arnold H., Los Angeles, Calif. Reversible clutching mechanism. 2,438,216, Mar. 23.

Johnson, Alden M., Santa Barbara, Calif. Bobby pin opener. 2,438,172, Mar. 23.

Johnson, Curtis H., San Marino, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Elimination of periodic stray signals from seismic signals. 2,438,217, Mar. 23.

Johnson, Herbert L., Norwood, assignor to Sun Oil Company, Philadelphia, Pa. Low temperature polymerization of olefinic hydrocarbons. 2,438,340, Mar. 23.

Johnson, James M., New York, N. Y., assignor to Nostrip Inc. Increasing adhesion of bituminous materials to mineral aggregate. 2,438,318, Mar. 23.

Johnson, Wallace J. S., and T. H. Harvey, Berkeley, Calif.; said Harvey assignor to said Johnson. Portable and collapsible scaffolding unit. 2,438,173, Mar. 23.

Johnston, Loyal L., Zelienople, assignor to Herman Pneumatic Machine Company, Pittsburgh, Pa. Molding machine. 2,438,218, Mar. 23.

Johnston, Robert C., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Projection light source for photographic devices. 2,438,219, Mar. 23.

Jonas & Naumburg Corporation, assignee: *See*—
Naumburg, Robert E.

Jones, Minor C. K., Mountainside, and E. R. Retailliau, Cranford, N. J., assignors to Standard Oil Development Company. Removing diolefins from an olefinic feed stock. 2,438,444, Mar. 23.

Kantola, Carl F., Dumont, N. J. Locomotive tender and water scoop. 2,438,397, Mar. 23.

Karaang, Lawrence B., Santa Maria, Calif. Beet harvesting machine. 2,438,289, Mar. 23.

Kaulakis, Arnold F., Roselle, N. J., assignor to Standard Oil Development Company. Acid-treating of catalytically cracked naphtha. 2,438,445, Mar. 23.

Keeling, William O., assignor to Koppers Company, Inc., Pittsburgh, Pa. Purifying benzene. 2,438,368, Mar. 23.

Keister, James E., Scotia, N. Y., assignor to General Electric Company. Transmitter-receiver switching system. 2,438,367, Mar. 23.

Kennedy, Robert M.: *See*—
Hetzel, Stanford J., and Kennedy.

Kennedy, Robert M., Drexel Hill, assignor to Sun Oil Company, Philadelphia, Pa. Preparation of cyclopentadiene. 2,438,398, Mar. 23.

Kennedy, Robert M., Drexel Hill, and S. J. Hetzel, Cheltenham, assignors to Sun Oil Company, Philadelphia, Pa. Preparation of cyclopentadiene. 2,438,399, Mar. 23.

Kennedy, Robert M., Drexel Hill, and S. J. Hetzel, Cheltenham, assignors to Sun Oil Company, Philadelphia, Pa. Preparation of cyclopentadiene. 2,438,401, Mar. 23.

Kennedy, Robert M., Drexel Hill, and S. J. Hetzel, Cheltenham, assignors to Sun Oil Company, Philadelphia, Pa. Preparation of cyclopenadiene. 2,438,402, Mar. 23.

Kennedy, Robert M., Drexel Hill, and S. J. Hetzel, Cheltenham, assignors to Sun Oil Company, Philadelphia, Pa. Preparation of cyclopentadiene. 2,438,403, Mar. 23.

Ketting, Leendert, Secaucus, assignor to Keuffel & Esser Company, Hoboken, N. J. Drafting machine. 2,438,220, Mar. 23.

Keuffel & Esser Company, assignee: *See*—
Ketting, Leendert.
Patrosio, William, and Ferber.

Kidde Manufacturing Co., Inc., assignee: *See*—
Freygang, Walter H.

Kilham, Peter, Attleboro, Mass. Bending brake. 2,438,319, Mar. 23

Kingston, William H., Drighlington, Bradford, assignor of one-half to William Bywater Limited, Holbeck, Leeds, England. Felt hardening machine. 2,438,320, Mar. 23.

Kinnear, James W., Jr., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Manufacturing bimetallic bodies. 2,438,405, Mar. 23.

Kizaur, Arthur J., Cicero, assignor to General Electric X-Ray Corporation, Chicago, Ill. Electrocardiograph. 2,438,341, Mar. 23.

Kleen Refrigerator, Inc., assignee: *See*—
Erland af Kleen, Nils.

Knudsen, Hans, London, England. Preheating and vaporization of fuel for internal-combustion reaction motors. 2,438,247, Mar. 23.

Konet, Henry, Paramus, assignor to Bendix Aviation Corporation, Teterboro, N. J. Vane type transmitter. 2,438,406, Mar. 23.

Kooistra, John A., assignor to Davis & Furber Machine Company, North Andover, Mass. Scavenger roll mechanism. 2,438,290, Mar. 23.

Koppers Company, Inc., assignee: *See*—
Corson, Ben. B., and Detrick.
Keeling, William O.

Koza, Charles A., Pittsburgh, Pa. Angle drive construction. 2,438,291, Mar. 23.

Kreuser, John A., Chicago, Ill. Heating plant and furnace. 2,438,407, Mar. 23.

Krobath, Vincent J., Jr., St. Louis, Mo., and R. J. Roenigk, Jr., Houston, Tex. Bearing greasing device. 2,438,122, Mar. 23.

Kundiger, Donald G.: *See*—
Spence, Le Roy U., Butterbaugh, and Kundiger.

Kurtz, Jacob, Teaneck, and E. Zampieri, assignors to Callite Tungsten Corporation, Union City, N. J. Making a hard facing alloy. 2,438,221, Mar. 23.

Laing, Howard M., assignor to Briggs Manufacturing Company, Detroit, Mich. Fastener applying tool. 2,438,174, Mar. 23.

Lambert, Robert D., and C. L. Bailey, Knoxville, Tenn., assignors to Tennessee Valley Authority. Charging seal for stoves. 2,438,123, Mar. 23.

Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Axially engaging positive clutch. 2,438,175, Mar. 23.

Lantz, Louis A., and A. Schofield, assignors to The Calico Printers' Association Limited, Manchester, England. Production of gasproof compound fabrics. 2,438,176, Mar. 23.

Lavenburg, Albert, assignee: *See*—
Alexander, Focsaneanu.

Lear, Incorporated, assignee: *See*—
Lear, William P.

Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Magnetic sound translating system. 2,438,222, Mar. 23.

Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich. Magnetically actuated clutch and brake construction. 2,438,223, Mar. 23.

Lecher, Hans Z., Plainfield, R. P. Parker, and R. S. Long, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. Production of 1,2-disubstituted 3-cyanoguanidines. 2,438,124, Mar. 23.

Lees, Milton H., Jr., assignee, et al.: *See*—
Buchet, Conrad R.

Leland, Hollis L., Cranford, N. J., assignor to Standard Oil Development Company. Lubricant and hydraulic fluid composition. 2,438,446, Mar. 23.

Leland Stanford Junior University, Board of Trustees of The, assignee: *See*—
Hansen, William W., and Varian.

Levine, Irving E., Berkeley, assignor to California Research Corporation, San Francisco, Calif. Production of dicarboxylic acids or anhydrides thereof. 2,438,369, Mar. 23.

Lewis, Allen H., Berkeley, assignor, by mesne assignments, to California Research Corporation, San Francisco, Calif. Insecticide. 2,438,370, Mar. 23.

Lewis, James C.: *See*—
Fraenkel-Conrat, Heinz L., Humfeld, Lewis, Dimick, and Olcott.

Lima-Hamilton Corporation, assignee: *See*—
Spier, Hans G.

Linde Air Products Company, The, assignee: *See*—
Meincke, Edward.

Linker, William L., Warwick, and J. R. Welshman, Cranston, assignors to Grinnell Corporation, Providence, R. I. Means to flare tube ends and to prevent their rupture. 2,438,292, Mar. 23.

Livingston, Herman G., Houston, Tex., assignor to Eastman Oil Well Survey Company, Denver, Colo. Bottom hole orientation. 2,438,293, Mar. 23.

Lommen, Robert M.: *See*—
Feldhausen, Cyril P., and Lommen.

Long, Robert S.: *See*—
Lecher, Hans Z., Parker, and Long.

Lorand, Eugene J., and J. E. Reese, assignors to Hercules Powder Company, Wilmington, Del. Stabilization of oxidized aromatic hydrocarbons. 2,438,125, Mar. 23.

Lott, William A., East Orange, and F. H. Bergeim, Highland Park, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. C-p-aminobenzenesulfonamido-substituted thiazolines and their production. 2,438,177, Mar. 23.

Ludlow, John H.: *See*—
Dodds, John M., and Ludlow.

Maag-Zahnräder und-Maschinen Aktiengesellschaft, assignee: *See*—
Aeppli, Albert.

Macé, John A., Tampa, Fla. Flexible cigarette case with reinforcing means. 2,438,408, Mar. 23.

Madison, Harry, Fullerton, Calif. Tire chain linkage. 2,438,248, Mar. 23.

Malcom, Robert L., Chicago, Ill., assignor to Chicago Eye Shield Company. Adjustable headband construction. 2,438,409, Mar. 23.

Malhiot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Mechanism for conveying, discharging, and assorting wrapped articles. 2,438,178, Mar. 23.

Maling, Roy, Chestnut Hill, Mass. Footwear. 2,438,321, Mar. 23.

Mallinckrodt Chemical Works, assignee: *See*—
Wallingford, Vernon H., and Homeyer.

Mallory, Edward B., Tenafly, N. J. Waste liquor aerator. 2,438,342, Mar. 23.

Manker, Clarence M., assignee: *See*—
Dolk, Harold G.

Marholz, Richard C., assignor, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill. Disengageable electrical circuit connector. 2,438,371, Mar. 23.

Marihart, Leo A., Salinas, Calif. Plant thinning machine. 2,438,224, Mar. 23.

Marinsky, Davis, assignee: *See*—
Morin, Louis H.

Martin, Willibald, Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Cover and receptacle for dry printing machines. 2,438,225, Mar. 23.

Mason, Julien J., Montclair, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Vapor filled electronic device. 2,438,179, Mar. 23.

Mathieson Alkali Works, Inc., The, assignee: *See*—
Richardson, Chester N.

Matthews, Albert, Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Position indicator for cylinder doors. 2,438,294, Mar. 23.

Mattison, Frank R., Burbank, Calif. Roller exercising machine. 2,438,249, Mar. 23.

May, Harry C., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Manually operative selective control device. 2,438,410, Mar. 23.

Maynard, James, Hawthorne, assignor to Elgin Rowland Parker, Seal Beach, Calif. Burner valve device. 2,438,447, Mar. 23.

McClellan, Cyril E., Catonsville, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. High-frequency radiation system. 2,438,343, Mar. 23.

McDermott, Henry J., Prospect Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Tension device. 2,438,180, Mar. 23.

McDonough, William P., Gunnison, assignor to R. Andrews, Colorado Springs, Colo. Cattle restraining chute. 2,438,322, Mar. 23.

McGann, Richard W., assignee, et al.: *See*—
Sebell, Harry.

McGill Metal Products Corporation, assignee: *See*—
Stilson, Herbert A.

McNall, John W.: *See*—
Steele, Howard L., Jr., and McNall.

Meilier, Daniel V., Maywood, J. D. Preble, La Grange, and L. W. Tuttle, Mount Prospect, Ill. Chimney construction and fitting therefor. 2,438,411, Mar. 23.

Meincke, Edward, Scotch Plains, N. J., assignor to The Linde Air Products Company. Automatic rod feed for metal removal. 2,438,344, Mar. 23.

Mendelsohn, Lewis I., Lynn, Mass., assignor to General Electric Company. Precision magnetometer. 2,438,372, Mar. 23.

Metropolitan-Vickers Electrical Company, Limited, assignee: *See*—
Scoles, Graham J., and Miller.

Metzner, Robert G., Los Angeles, Calif., assignor to The General Industries Company, Elyria, Ohio. Two-speed phonograph turntable drive. 2,438,265, Mar. 23.

Miller, August E., Cliffside Park, N. J. Crystal oven. 2,438,345, Mar. 23.

Miller, Charles W.: *See*—
Scoles, Graham J., and Miller.

Miller, Elmer L., assignor to The Dayton Steel Foundry Company, Dayton, Ohio. Tractor fifth wheel mounting. 2,438,323, Mar. 23.

Miller, John W.: *See*—
Fell, Raymond E., and Miller.

Minnesota Mining & Manufacturing Company, assignee: *See*—
Tierney, Hubert J.

Money-Meters, Inc., assignee: *See*—
Gordon, Alexander M.

Mooney, Charles F., Charlotte, N. C. Safety device for trailers. 2,438,346, Mar. 23.

Moore, David W., Jr., New York, N. Y., assignor to Fairchild Camera and Instrument Corporation. Film-type resistor and manufacturing the same. 2,438,250, Mar. 23.

Moran, J. Arthur, assignee, et al.: *See*—
Birdsall, Robert E.

Morden, Harley W., assignor of fifty per cent to H. H. Gies, Toronto, Ontario, Canada. Clip for forming neckties. 2,438,295, Mar. 23.

Morehead, Chalmers, East Orange, and D. S. Gustin, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Fluorescent and/or cathode glow lamp and method. 2,438,181, Mar. 23.

Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Coaxial cable. 2,438,347, Mar. 23.

Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Forming and arranging castings on an elongated mounting. 2,438,348, Mar. 23.

Morris, Charles O., Van Nuys, assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Los Angeles, Calif. Conduit coupling. 2,438,412, Mar. 23.

Morton, Charles D.: *See*—
Schultz, Edward S., and Morton.

Morton, William A., and T. H. Sloan, assignor to G. M. S. Corporation, Pittsburgh, Pa. Apparatus for continuously drawing elongated products. 2,438,448, Mar. 23.

Mosesman, Max A., Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J. Synthesis of hydrocarbons and oxygenated compounds. 2,438,449, Mar. 23.

Motor Wheel Corporation, assignee: *See*—
Cotes, Mervin F.
Fell, Raymond E., and Miller.
Horn, Harry J.

Muller, Carl W., Osborn, Ohio. Mechanical signal and volume control for miniature radio ranges. 2,438,126, Mar. 23.

Murphree, Eger V.: *See*—
Russell, Robert P., Murphree, and Hemminger.
Tyson, Charles W., Fischer, and Murphree.

Nadolsky, Isaac: *See*—
Stevenson, Ralph, and Nadolsky.

Nash Engineering Company, assignee: *See*—
Adams, Harold E.

Nassimbene, Ernest, assignor to Gates Rubber Company, Denver, Colo. Cover on take-up roll for looms. 2,438,296, Mar. 23.

National Aluminate Corporation, assignee: *See*—
Ryznar, John W.

Naumburg, Robert E., West Englewood, N. J., assignor to Jonas & Naumburg Corporation, New York, N. Y. Carroting and drying of fur-bearing animal skins. 2,438,226, Mar. 23.

Naumburg, Robert E., West Englewood, N. J., assignor to Jonas & Naumburg Corporation, New York, N. Y. Apparatus for treating fur-bearing animal skins. 2,438,227, Mar. 23.

Navy, United States of America as represented by the Secretary of, assignee: *See*—
Brode, Robert B.
Swenson, Carl E.

Nelson, Karl J., Cranford, N. J., assignor to Standard Oil Development Company. Drying of microspherical gels. 2,438,450, Mar. 23.

New Products Corporation, assignee: *See*—
Banker, Oscar H.

Newkirk, Thomas A.: *See*—
Bennett, Frederick D., and Newkirk.

Nostrip Inc., assignee: *See*—
Johnson, James M.

Ocean City Manufacturing Company, assignee: *See*—
Hirsch, Stephen G.

Ohio Brass Company, The, assignee: *See*—
Taylor, John J., and Ross.

Ohio State University Research Foundation, The, assignee: *See*—
Henne, Albert L.

Olcott, Harold S.: *See*—
Fraenkel-Conrat, Heinz L., Humfeld, Lewis, Dimick, and Olcott.

Oppel, John A., Upper Darby, Pa., assignor to General Electric Company. Electric switch. 2,438,373, Mar. 23.

Osten, Reuben A., Wilmington, Del., assignor to Wyandotte Chemicals Corporation, Wyandotte, Mich. Manometer. 2,438,228, Mar. 23.

Owen, John J., Baton Rouge, La., assignor to Standard Oil Development Company. Activation of clay. 2,438,451, Mar. 23.

Pacific Mills, assignee: *See*—
Wilkie, Robert C.

Pankratz, Howard J.: *See*—
Bunn, George P., and Pankratz.

Parker, Arnold G., Longueuil, Quebec, Canada. Motion-transmitting unit. 2,438,182, Mar. 23.

Parker, Elgin R., assignee: *See*—
Maynard, James.

Parker, Robert P.: *See*—
Lecher, Hans Z., Parker, and Long.

Paterson Engineering Company Limited, The, assignee: *See*—
Smalley, William.

Patrosio, William, Jersey City, and W. Ferber, assignors to Keuffel & Esser Company, Hoboken, N. J. Dustproof leveling screw. 2,438,479, Mar. 23.

Pedersen, Tage, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Engine fuel supply means. 2,438,251, Mar. 23.

Peterson, Carl D., deceased, and E. J. Barth; M. F. Peterson executrix, assignors to Dana Corporation, Toledo, Ohio. Power take-off. 2,438,183, Mar. 23.

Peterson, Marion F., executrix: *See*—
Peterson, Carl D., and Barth.

Pfeffer, Anton W., Spokane, Wash. Dryer frame. 2,438,324, Mar. 23.

Pfister, Harry C., Long Beach, assignor to U. S. Slicing Machine Company, La Porte, Ind. Food tendering machine. 2,438,184, Mar 23.

Philco Corporation, assignee: *See*—
Clapp, Richard G.

Phillips Petroleum Company, assignee: *See*—
Bunn, George P., and Pankratz.
Frey, Frederick E.

Pollak, Frederick F., New York, N. Y. Bending of corkwood. 2,438,349, Mar. 23.

Pollock, Robert T., New York, N. Y. Diesel engine fuel. 2,438,452, Mar. 23.

Pope, Winslow B., Detroit, Mich., assignor, by mesne assignments, to United States of America. Recoilless gun. 2,438,297, Mar. 23.

Pophal, Eric G., St. Pauls, N. C. Collar stay and necktie support. 2,438,325, Mar. 23.

Poskin, Irvin C., Los Angeles, Calif. Bed davenport. 2,438,127, Mar. 23.

Powell, Winfred T., assignor to Stromberg-Carlson Company, Rochester, N. Y. Airport lighting control and indication system. 2,438,453, Mar. 23.

Power Jets (Research and Development) Limited, assignee: *See*—
Whittle, Frank.

Poyner, Frank C., San Diego, Calif. Lubrication adapter. 2,438,128, Mar. 23.

Prance, Alvin W., Royal Oak, assignor to Briggs Manufacturing Company, Detroit, Mich. Door structure for motor vehicles. 2,438,185, Mar. 23.

Preble, J. Donald: *See*—
Meilier, Daniel V., Preble, and Tuttle.

Price, Eugene A., Spokane, Wash. Pendulously operated crank timing indicator. 2,438,229, Mar. 23.

Productive Inventions, Inc., assignee: *See*—
Smulski, Theodore J.

Pryde, Margaret S., executrix, et al.: *See*—
Smith, Robert A.

Pusey & Jones Corporation, The, assignee: *See*—
Bratton, Samuel M.

Quaker Oats Company, The, assignee, et al.: *See*—
Turner, Charles W., and Reineke.

Radio Corporation of America, assignee: *See*—
Born, Leo W.
Gerber, Paul D.
Vance, Arthur W.

Ramsey, Justin H., Allendale, N. J. Apparatus for fluid-treating lengthy material. 2,438,374, Mar. 23.

Randall, Ross D., assignor to Stewart-Warner Corporation, Chicago, Ill. Time-delay switch. 2,438,186, Mar. 23.

Ransome Machinery Company, assignee: *See*—
Faber, John P.

Redington, F. B., Co., assignee: *See*—
Malhiot, Clarence J.

Reed, Jesse C., Dayton, Ohio. Liquid elevating apparatus. 2,438,298, Mar. 23.

Reese, John E.: *See*—
Lorand, Eugene J., and Reese.

Reichard, William C., Stanhope, N. J. Test probe. 2,438,350, Mar. 23.

Reineke, Ezra P.: *See*—
Turner, Charles W., and Reineke.

Relis, Walter, Lomita, Calif. Infant's formula can and can-opener and nipple attachment. 2,438,299, Mar. 23.

Renner, Harold G., Detroit, Mich. Low-pressure tire signal. 2,438,413, Mar. 23.

Retailliau, Edmond R.: *See*—
Jones, Minor C. K., and Retailliau.

Reynolds, Theron E., and E. Fyffe, assignors to Farmers and Merchants Bank, Lodi, Calif. Florist's wire twisting machine. 2,438,187, Mar. 23.

Riboud, Jacques M. J., Mount Washington, Md., assignor to Specialty Equipment and Machinery Corp., New York, N. Y. Traction reducer. 2,438,414, Mar. 23.

Riboud, Jacques M. J., Mount Washington, Md., assignor to Specialty Equipment and Machinery Corp., New York, N. Y. Lifting device. 2,438,415, Mar. 23.

Ricciardi, Matthew C.: *See*—
Di Cosmo, Pasquale V., and Ricciardi.

Rich, Hyman R., Milwaukee, Wis., assignor, by mesne assignments, to The Diversey Corporation, Chicago, Ill. Vapor disseminator. 2,438,129, Mar. 23.

Richardson, Chester N., Youngstown, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Purification of hydrogen peroxide by a nonconcentrating distillation. 2,438,252, Mar. 23.

Riebe, Theodore C., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Mounting arrangement for electrical equipment. 2,438,454, Mar. 23.

Rochester, Nathaniel, Milton, assignor to Sylvania Electric Products Inc., Salem, Mass. Power regulator. 2,438,486, Mar. 23.

Roeder, Dale, and H. L. Brock, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Transmission operating device and interlock. 2,438,455, Mar. 23.

Roenigk, Ray J., Jr.: *See*—
Krobath, Vincent J., Jr., and Roenigk.

Rogow, Sydney, New York, N. Y. Apparatus for feeding fuel cables to furnaces. 2,438,375, Mar. 23.

Röhm & Haas Company, assignee: *See*—
Spence, Le Roy U., Butterbaugh, and Kundiger.

Ross, Paul M.: *See*—
Taylor, John J., and Ross.

Ruegg, Rudolf, assignor to Aktiengesellschaft Fuer Technische Studien, Zurich, Switzerland. Pulverized fuel burning gas heater. 2,438,416, Mar. 23.

Russell, Frederick A., Summit, N. J., assignor to the United States of America, as represented by the Secretary of War. Amplitude controlled current regulator. 2,438,417, Mar. 23.

Russell, Robert P., Short Hills, E. V. Murphree, Summit, and C. E. Hemminger, Westfield, N. J., assignors to Standard Oil Development Company. Hydrocarbon conversion. 2,438,456, Mar. 23.

Ryer, August I., and M. Frisch, New York, N. Y., assignors to Schering Corporation, Bloomfield, N. J. Isolation of oleandrin. 2,438,418, Mar. 23.

Ryznar, John W., La Grange, assignor to National Aluminate Corporation, Chicago, Ill. Production of aqueous sols of hydrous oxides. 2,438,230, Mar. 23.

Sandoz Ltd., assignee: *See*—
Stoll, Arthur, and Hofmann.

Schehl, Charles A.: *See*—
Dunkelberger, George F., and Schehl.

Schering Corporation, assignee: *See*—
Ryer, August I., and Frisch.

Schlosser, Arthur G., assignor to Candler-Hill Corporation, Detroit, Mich. Shaft seal. 2,438,457, Mar. 23.

Schmerling, Louis: *See*—
Ipatieff, Vladimir N., and Schmerling.

Schmidt, Paul A., near Earlville, Ill. Insulator. 2,438,419, Mar. 23.

Schniepp, Lester E., Peoria, Ill., assignor to the United States of America, as represented by the Secretary of Agriculture. Purification of acetic acid by azeotropic distillation. 2,438,300, Mar. 23.

Schoenster, Peter: *See*—
Hepp, Carlos A., and Schoenster.

Schofield, Arthur: *See*—
Lantz, Louis A., and Schofield.

Schopmeyer, Herman H., Hammond, Ind., assignor to American Maize-Products Company. Lactic acid composition. 2,438,326, Mar. 23.

Schreiber, Richard S.: *See*—
Behr, Lyell C., and Schreiber.

Schuler, Leo T., Ruthven, Iowa. Slip ring cutting machine. 2,438,130, Mar. 23.

Schulte, James A., Sperry, Iowa. Mixing and self-unloading farm truck. 2,438,301, Mar. 23.

Schultz, Edward S., Buffalo, N. Y., and C. D. Morton, Oak Park, Ill.: said Morton assignor to said Schultz. Closure for fountain pens and the like. 2,438,231, Mar. 23.

Schumaker, Albert J. R., Harpers Ferry, W. Va. Calculator. 2,438,458, Mar. 23.

Scoles, Graham J., East Sheen, London, and C. W. Miller, Sale, assignors to Metropolitan-Vickers Electrical Company, Limited, London, England. Calibration of cathode ray oscillographs. 2,438,420, Mar. 23.

Seaman, Harry J., Milwaukee, Wis. Rotary groundworking implement. 2,438,189, Mar. 23.

Sebell, Harry, Marblehead, assignor of one-half to R. W. McGann, Lexington, and one-half to Bell Products Corporation, Boston, Mass. Sewing machine. 2,438,459, Mar. 23.

Seeger-Refrigerator Company, assignee: *See*—
Dennedy, James H.

Selby, Theodore R., and L. L. Campbell, Chicago, Ill., assignors to Wilson & Company, Inc. Manufacture of sutures. 2,438,131, Mar. 23.

Senard, Pierre, Bapeaume-les-Rouen, France. Saw blade planishing machine. 2,438,460, Mar. 23.

Sensel, Eugene E., W. R. Smith, and A. R. Goldsby. Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Isomerization of paraffinic hydrocarbons. 2,438,421, Mar. 23.

Seyferth, Harold N.: *See*—
Snader, Ira J., and Seyferth.

Sharp, Lorld G.: *See*—
Gorin, Manuel H., and Sharp.

Shell Development Company, assignee: *See*—
Archibald, Raymond C., Greensfelder, and Eggertsen.

Sheppard, Richard H., Hanover, Pa. Fuel injection pump. 2,438,190, Mar. 23.

Shirling, Hollis V., Haverhill, Mass. Heel-seating plate. 2,438,253, Mar. 23.

Showalter, Jere C., Goose Creek, Tex., assignor to Standard Oil Development Company. Cutting oil composition. 2,438,461, Mar. 23.

Sifferd, Robert H., Hollywood, assignor to Armour and Company, Chicago, Ill. Preparation of cholic acid. 2,438,232, Mar. 23.

Signode Steel Strapping Company, assignee: *See*—
Chamberlain, Paul A.

Simcich, Matt, Los Angeles, Calif. Percolator bowl strainer. 2,438,302, Mar. 23.

Simmon, Alfred, Jackson Heights, assignor to Simmon Brothers, Inc., Long Island City, N. Y. Device for making color prints. 2,438,303, Mar. 23.

Simmon Brothers, Inc., assignee: *See*—
Simmon, Alfred.

Sines, Harold S., Chicago, Ill. Conductor grip for insulators. 2,438,233, Mar. 23.

Slack, Charles M., Glen Ridge, and C. E. Dawley, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. High-pressure modulator tube. 2,438,191, Mar. 23.

Slingerland, Charles L., Niagara-on-the-Lake, Ontario, Canada. Slicing device with a vertically reciprocating cutter. 2,438,304, Mar. 23.

Sloan, Theodore H.: *See*—
Morton, William A., and Sloan.

Smalley, William, assignor to The Paterson Engineering Company Limited, London, England. Apparatus for adding one liquid to another. 2,438,327, Mar. 23.

Smith, Mary G., executrix, et al.: *See*—
Smith, Robert A.

Smith, Robert A., Mahwah, N. J.; M. G. Smith, M. S. Pryde, and M. S. van Brederode, executrices of said R. A. Smith, deceased, assignors to Smith & Serrell, Inc., Newark, N. J. Bearing. 2,438,192, Mar. 23.

Smith, Ronald B., East Orange, N. J. Metered spraying device for mixed liquids. 2,438,462, Mar. 23.

Smith & Serrell, Inc., assignee: *See*—
Smith, Robert A.

Smith, Wayne, Decatur, Ga. Shoe anti-skid device. 2,438,193, Mar. 23.

Smith, William R.: *See*—
Sensel, Eugene E., Smith, and Goldsby.

Smulski, Theodore J., Gary, Ind., assignor to Productive Inventions, Inc. Windshield wiper arm. 2,438,305, Mar. 23.

Snader, Ira J., Detroit, and H. N. Seyferth, East Detroit, assignors to Ex-Cell-O Corporation, Detroit, Mich. Fluid pressure actuated motor. 2,438,463, Mar. 23.

Snow, Donald L., Hempstead, N. Y., assignor to The Sperry Corporation. Electron discharge apparatus. 2,438,132, Mar. 23.

Snyder, James R., assignee: *See*—
Broudy, Albert M.

Socony-Vacuum Oil Company, Incorporated, assignee: *See*—
Gorin, Manuel H., and Sharp.
Harrington, George A., and Gorin.
Johnson, Curtis H.
Utterback, Ernest.

Souther, Benjamin F., Seattle, Wash. Hose storage reel. 2,438,306, Mar. 23.

Spanel, Abraham N., Princeton, N. J. Flexible collapsible fluid bladder. 2,438,351, Mar. 23.

Sparklin, Charles H., Chicago, Ill., assignor to Birtman Electric Company. Split cylindrical housing for suction cleaners. 2,438,133, Mar. 23.

Speakman, John B., and E. W. Whewell, Leeds, assignors to The Fullers' Earth Union Limited, Redhill, England. Finishing textile materials composed of or containing animal fibres. 2,438,328, Mar. 23.

Specialty Equipment and Machinery Corp., assignee: *See*—
Riboud, Jacques M. J.

Spence, Le Roy U., Elkins Park, D. J. Butterbaugh, and D. G. Kundiger, assignors to Röhm & Haas Company, Philadelphia, Pa. Catalytic process for producing butadiene. 2,438,464, Mar. 23.

Spencer, H. Dorsey, assignee, et al.: *See*—
Derby, John H.

Sperry Corporation, The, assignee: *See*—
Snow, Donald L.

Spier, Hans G., Hamilton, Ohio, assignor, by mesne assignments, to Lima-Hamilton Corporation, New York, N. Y. Free piston engine. 2,438,134, Mar. 23.

Squibb, E. R., & Sons, assignee: *See*—
Lott, William A., and Bergeim.

Squires, George R., Rockaway, N. J. Can opener. 2,438,376, Mar. 23.

Stalker, Edward A., Bay City, Mich. Aircraft. 2,438,254, Mar. 23.

Stalker, Edward A., Bay City, Mich. Wing lift control for aircraft. 2,438,255, Mar. 23.

Standard Knitting Mills, Inc., assignee: *See*—
Ashe, Edward J., and Webber.

Standard Oil Development Company, assignee: *See*—
Hall, Ike D.
Hemminger, Charles E.
Jones, Minor C. K., and Retaillliau.
Kaulakis, Arnold F.
Leland, Hollis L.
Mosesman, Max A.
Nelson, Karl J.
Owen, John J.
Russell, Robert P., Murphree, and Hemminger.
Showalter, Jere C.
Tyson, Charles W., Fischer, and Murphree.
Wasson, Jones I., and Wilson.

Stanton, George W., assignor to The Dow Chemical Company, Midland, Mich. Purification of vinyl halide and vinylidene halide polymers. 2,438,480, Mar. 23.

Stearns, Edwin I., Jr., North Plainfield, and G. L. Buc, Orange, N. J., assignors to American Cyanamid Company, New York, N. Y. Photometric apparatus giving readings invariant with azimuth on polarizing samples. 2,438,422, Mar. 23.

Steele, Howard L., Jr., Bloomfield, and J. W. McNall, East Orange, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Magnetron. 2,438,194, Mar. 23.

Steigerwalt, Oliver I.: *See*—
Jacobs, Gordon B., and Steigerwalt.

Stein, John I., Muncie, Ind. Television cabinet. 2,438,256, Mar. 23.

Steinmiller, Adelbert A., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control valve device. 2,438,423, Mar. 23.

Stevenson, Ralph, and Isaac Nadolsky, assignors to Grand Rapids Metal Cabinet Company, Grand Rapids, Mich. Knockdown sheet metal cabinet. 2,438,257, Mar. 23.

Stewart, Charles H., Wilmington, Del. Rotatably adjustable pipe joint. 2,438,234, Mar. 23.

Stewart-Warner Corporation, assignee: *See*—
Randall, Ross D.

Stilson, Herbert A., Chicago, assignor to McGill Metal Products Corporation, Marengo, Ill. Barrier for animal traps. 2,438,377, Mar. 23.

Stokes, Rupert O., London, England. Pulp ejector. 2,438,258, Mar. 23.

Stoll, Arthur, and A. Hofmann, Basel, assignors to Sandoz Ltd., Fribourg, Switzerland. d-Lysergic acid diethyl amide. 2,438,259, Mar. 23.

Storer, Richard M., Denver, Colo., assignor to General Motors Corporation, Dayton, Ohio. Ice tray and grid arrangement. 2,438,260, Mar. 23.

Strauss, Alfred, and E. G. Feltman, Chicago, and M. M. Hunt, Park Ridge, and W. D. Harbaugh, Evanston, Ill., assignors to A. F. Dormeyer Mfg. Co. Food processor gearing. 2,438,465, Mar. 23.

Strom, David W., assignor to Hardinge Brothers, Inc., Elmira, N. Y. Clamping machine parts to beds. 2,438,235, Mar. 23.

Strom, David W., assignor to Hardinge Brothers, Inc., Elmira, N. Y. Lead screw nut construction for lathes and the like. 2,438,236, Mar. 23.

Stromberg-Carlson Company, assignee: *See*—
Powell, Winfred T.

Strong, Elbie C., Long Island City, and L. M. Clark, Tuckahoe, assignors, by mesne assignments, to Waugh Equipment Company, New York, N. Y. Control apparatus. 2,438,352, Mar. 23.

Studebaker Corporation, The, assignee: *See*—
Greenlee, Harry R.

Sun Oil Company, assignee: *See*—
Hetzel, Stanford J., and Kennedy.
Johnson, Herbert L.
Kennedy, Robert M.
Kennedy, Robert M., and Hetzel.

Swartz, Milton D., Baltimore, and K. N. Yellott, Cockeysville, assignors to Farboil Paint Company, Inc., Baltimore, Md. Handling coated articles during drying. 2,438,135, Mar. 23.

Swenson, Carl E., Rockford, Ill., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of the Navy. Fabricating track laying vehicle shoes. 2,438,424, Mar. 23.

Sylvania Electric Products Inc., assignee: *See*—
Rochester, Nathaniel.

Szucs, Joseph, Yonkers, N. Y. Producing citric acid. 2,438,136, Mar. 23.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Disc brake arrangement. 2,438,481, Mar. 23.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Railway disc brake arrangement. 2,438,482, Mar. 23.

Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Brake shoe and head arrangement. 2,438,483, Mar. 23.

Taylor, John J., and P. M. Ross, Wadsworth, assignors to The Ohio Brass Company, Mansfield, Ohio. Nonmetallic mine. 2,438,307, Mar. 23.

Tennessee Coal, Iron and Railroad Company, assignee: *See*—
Auten, Claude I.

Tennessee Valley Authority, assignee: *See*—
Lambert, Robert D., and Bailey.

Texas Company, The, assignee: *See*—
Sensel, Eugene E., Smith, and Goldsby.

Thompson Grinder Company, The, assignee: *See*—
Toulmin, Harry A., Jr.

Thrower, William J., Chester, W. Va. Clothes line reel. 2,438,188, Mar. 23.

Tierney, Hubert J., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Pressure-sensitive adhesive tape. 2,438,195, Mar. 23.

Timken Roller Bearing Company, The, assignee: *See*—
Bontee, Frederick R.
Horger, Ralph E.

Tobey, Raymond E., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Ice cube freezing apparatus. 2,438,466, Mar. 23.

Toelke, August F., St. Louis County, assignor to The Alamo Corporation, Clayton, Mo. Fence knob. 2,438,237, Mar. 23.

Tonkin, George, Klamath Falls, Oreg. Motor vehicle door lock. 2,438,238, Mar. 23.

Toulmin, Harry A., Jr., Dayton, assignor to The Thompson Grinder Company, Springfield, Ohio. Ball grinding machine. 2,438,239, Mar. 23.

Trudeau, André J., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Straightening rods. 2,438,240, Mar. 23.

Turnbull, Frederick M., assignee: *See*—
Brown, Frank E.

Turner, Charles W., and Ezra P. Reineke, Columbia, Mo., assignors to American Dairies Incorporated, Kansas City, Mo., and The Quaker Oats Company, Chicago, Ill. Controlling the growth and fattening rate of livestock and poultry and composition used in connection therewith. 2,438,353, Mar. 23.

Tuttle, Loren W.: *See*—
Meiller, Daniel V., Preble, and Tuttle.

Tyson, Charles W., Summit, H. G. M. Fischer, Westfield, and E. V. Murphree, Summit, assignors to Standard Oil Development Company. Catalytic conversion of hydrocarbons. 2,438,467, Mar. 23.

Union Oil Company of California, assignee: *See*—
Doumani, Thomas F., and Cuneo.

United Aircraft Corporation, assignee: *See*—
Zimmerman, Charles H.

United Shoe Machinery Corporation, assignee: *See*—
Cutler, Wallace M.
Haas, Otto R.
Lancaster, John T.

United States Atomic Energy Commission, United States of America, as represented by the, assignee: *See*—
Calaiaco, August P.
Hopper, Dwight L.

United States of America, assignee: *See*—
Pope, Winslow B.

U. S. Slicing Machine Company, assignee: *See*—
Pfister, Harry C.

Universal Oil Products Company, assignee: *See*—
Ipatieff, Vladimir N., and Schmerling.
Watson, Charles C.

Unterbrink, Victor, Ottawa, Ohio. Applicator for bowling alley finishes. 2,438,354, Mar. 23.

Utterback, Ernest, New York, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for conversion of fluid hydrocarbons. 2,438,261, Mar. 23.

Van Brederode, Mary S., executrix, et al.: *See*—
Smith, Robert A.

Vance, Arthur W., Cranbury, N. J., assignor to Radio Corporation of America. Computing device. 2,438,425, Mar. 23.

Vitarama Corporation, The, assignee: *See*—
Waller, Fred, and Dresser.

Vitro Manufacturing Company, The, assignee: *See*—
Earl, John A.

Wagner Electric Corporation, assignee: *See*—
Dick, Burns.

Waller, Fred, Huntington, N. Y., and W. R. Dresser, Long Hill, Conn., assignors to The Vitarama Corporation, Huntington Station, N. Y. Apparatus for projecting motion pictures. 2,438,137, Mar. 23.

Wallingford, Vernon H., Ferguson, and A. H. Homeyer, Webster Groves, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Metallation of beta-keto esters. 2,438,241, Mar. 23.

War, United States of America, as represented by the Secretary of, assignee: *See*—
Gordon, Sheldon.
Jacobs, Gordon B., and Steigerwalt.
Russell, Frederick A.

Washington, Lemuel H., Portsmouth, Va. Headlight and supporting means therefor. 2,438,196, Mar. 23.

Wasson, Jones I., Union, and C. J. Wilson, Westfield, N. J., assignors to Standard Oil Development Company. Oil composition. 2,438,468, Mar. 23.

Watkin, Harold G., Liverpool, England. Electric welding machine. 2,438,262, Mar. 23.

Watson, Charles C., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic reactor. 2,438,242, Mar. 23.

Waugh Equipment Company, assignee: *See*—
Strong, Elbie C., and Clark.

Webber, Otis E.: *See*—
Ashe, Edward J., and Webber.

Webster Electric Company, assignee: *See*—
Campbell, Richard H.

Wedemeyer, Eric, Floral Park, assignor to Hamilton Art Metal Corporation, New York, N. Y. Snuffer cap assembly. 2,438,378, Mar. 23.

Welshman, James R.: *See*—
Linker, William L., and Welshman.

Westinghouse Air Brake Company, The, assignee: *See*—
Erson, Erik G.
Hines, Claude M.
May, Harry C.
Steinmiller, Adelbert A.
Whitney, Ralph T.

Westinghouse Electric Corporation, assignee: *See*—
Arnott, Edward G. F.
Denmark, Robert.
Green, James H.
Mason, Julien J.
McClellan, Cyril E.
Morehead, Chalmers, and Gustin.
Slack, Charles M., and Dawley.
Steele, Harold L., Jr., and McNall.
Tobey, Raymond E.

Wheaton, Evalyn, Detroit, Mich. Waterproof hosiery protector. 2,438,308, Mar. 23.

Wheel Aligning Necessities, Inc., assignee: *See*—
Castiglia, Biagia.

Wheeler, Harold A., Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Phase-selective variable-frequency oscillatory system. 2,438,197, Mar. 23.

Whewell, Emma: *See*—
Speakman, John B., and Whewell.

Whitney, Elliott M.: *See*—
Jacobson, Abraham W., and Whitney.

Whitney, Ralph T., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus. 2,438,427, Mar. 23.

Whittle, Frank, Rugby, assignor to Power Jets (Research and Development) Limited, London, England. Centrifugal compressor. 2,438,426, Mar. 23.

Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Producing face clutches. 2,438,329, Mar. 23.

Wilkie, Robert C., Andover, assignor to Pacific Mills, Lawrence, Mass. Method and apparatus for converting bulk filament into staples. 2,438,469, Mar. 23.

Wilson, C. Milton, assignee, et al.: *See*—
Derby, John H.

Wilson, Carrol J.: *See*—
Wasson, Jones I., and Wilson.

Wilson & Company, Inc., assignee: *See*—
Selby, Theodore R., and Campbell.

Wilson, Emery E., Portland, Oreg. Fountain fixture cooled by forced air circuit. 2,438,355, Mar. 23.

Wilson, Harry B., Brooklyn, N. Y. Radiant gas toaster and broiler. 2,438,470, Mar. 23.

Winton, Lewis B., Greenwich, Conn., assignor, by mesne assignments, to Jerguson Gage & Valve Co. Liquid level indicator. 2,438,330, Mar. 23.

Wyandotte Chemicals Corporation, assignee: *See*—
Osten, Reuben A.

Wyeth Incorporated, assignee: *See*—
Alburn, Harvey E., Charney, and Bernhart.

Yellott, Kinloch N.: *See*—
Swartz, Milton D., and Yellott.

Yoder, John H.: *See*—
Barler, Richard C., and Yoder.

Zampieri, Enrico: *See*—
Kurtz, Jacob, and Zampieri.

Zimmerman, Charles H., Nichols, assignor to United Aircraft Corporation, East Hartford, Conn. Control device for airplanes. 2,438,309, Mar. 23.

Zoromskis, Stanley M., Kenosha, Wis. Internal-combustion engine piston. 2,438,243, Mar. 23.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 23D DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Drape rod hanging means, Window. F. X. Ganter. Re. 22,989, Mar. 23.
Implement construction. R. B. Hitchcock and W. C. Rosenthal. Re. 22,991, Mar. 23.
Modulation system. W. W. Hansen and R. H. Varian. Re. 22,990, Mar. 23.

LIST OF PLANT INVENTIONS

Apple tree. R. S. Rogers. 794, Mar. 23.
Peach tree. F. D. Williams. 795, Mar. 23.
Plum tree. D. R. Kellogg. 793, Mar. 23.

LIST OF DESIGN INVENTIONS

Abacus. C. Mooney. 149,083, Mar. 23.
Bench, Radio service. C. A. Brown and H. Faber. 149,044, Mar. 23.
Bib. J. Seidenbaum. 149,092, Mar. 23.
Book end or similar article. W. H. Miller. 149,082, Mar. 23.
Bottle stopper or similar article, Perfume. J. Herbst. 149,062–5, Mar. 23.
Box or similar article, Ring. E. Groos. 149,058, Mar. 23.
Bracket, Wall. J. Lucchesi. 149,078, Mar. 23.
Brooch or similar article. A. Katz. 149,067–8, Mar. 23.
Brooch or similar article, Separable. A. Katz. 149,069, Mar. 23.
Brooch or similar article. A. Philippe. 149,087, Mar. 23.
Brooch or the like. M. Slater. 149,095, Mar. 23.
Brush attachment for vacuum cleaners. R. E. Harvuot. 149,060, Mar. 23.
Building. R. Loewy. 149,076–7, Mar. 23.
Cabinet, X-ray shoe fitting. J. O. Reinecke. 149,088, Mar. 23.
Carrier, Bottle. G. M. Acton. 149,034, Mar. 23.
Casing, Clock. F. Lux. 149,079, Mar. 23.
Chain link, Antiskid. C. H. Sloan. 149,096, Mar. 23.
Chair. J. D. Barber. 149,038, Mar. 23.
Clock. M. E. Schlenker. 149,091, Mar. 23.
Closure for bung holes or the like. J. Levine. 149,074, Mar. 23.
Coin bank or similar article. S. L. Seymour. 149,093, Mar. 23.
Container, Condiment. J. E. Davis. 149,049, Mar. 23.
Decanter or the like. E. S. Rixson. 149,089, Mar. 23.
Display stand, Overhead counter. S. Malkin. 149,080, Mar. 23.
Display unit, Refrigerated. J. V. Avila. 149,036, Mar. 23.
Dress. B. Cooper and S. S. Bickel. 149,048, Mar. 23.
Fabric or similar article, Textile. J. P. Arcuni. 149,035, Mar. 23.
Fabric, Woven plastic. G. Backer. 149,037, Mar. 23.
Font of type or similar article. B. Goldsmith, Jr. 149,057, Mar. 23.
Glove. H. Woller-Duff. 149,101, Mar. 23.
Hatchet, Double-headed. M. W. Lewis. 149,075, Mar. 23.
Holder, Comb. E. M. Hanrahan. 149,059, Mar. 23.
Holder, Soap cake. R. R. Ward. 149,100, Mar. 23.
Knife, Shrimp. R. W. Nelson. 149,084, Mar. 23.
Lace or similar article. O. Frei. 149,054–6, Mar. 23.
Nozzle attachment for vacuum cleaners. R. E. Harvuot. 149,061, Mar. 23.
Nutcracker or similar article. K. Clark and W. M. Allen. 149,047, Mar. 23.
Orphrey or similar article. O. A. Scheurmann. 149,090, Mar. 23.
Pendant or similar article. M. Koven. 149,071, Mar. 23.
Picking finger unit, Chicken. B. T. Norman. 149,086, Mar. 23.
Pin, Push. H. E. Sweet. 149,099, Mar. 23.
Platter or similar article, Meat. N. S. Newman. 149,085, Mar. 23.
Range, Kitchen. C. G. Bjorncrantz. 149,045, Mar. 23.
Ribbon unit for marking machines, Transfer. H. E. Edwards. 149,051, Mar. 23.
Ring, Finger. F. P. Kinsley. 149,070, Mar. 23.
Ring or similar article, Finger. V. Sorrentino. 149,097, Mar. 23.
Rocking horse. S. Stein. 149,098, Mar. 23.
Shoe or similar article, Lady's. D. E. Levin. 149,073, Mar. 23.
Slip or similar article. L. Silverman. 149,094, Mar. 23.
Soap dish, Hygienic. B. D. Kaplan. 149,066, Mar. 23.
Stocking, Christmas. K. F. Donohue. 149,050, Mar. 23.
Support, Plant. H. Epstein. 149,053, Mar. 23.
Table, Aquarium. L. A. Bouligny. 149,043, Mar. 23.
Tire. W. F. Billingsley. 149,042, Mar. 23.
Towel and soap cabinet, Violet ray. M. A. Michaels. 149,081, Mar. 23.
Toy, Figure S. L. Beder. 149,041, Mar. 23.
Toy, Wheeled pull. O. F. Larsen, Jr. 149,072, Mar. 23.
Tray, Hostess. D. Blumenthal and H. L. Seiden. 149,046, Mar. 23.
Watch case and band, Combined. R. A. Barré. 149,040, Mar. 23.
Watch case and wrist band, Combined. R. A. Barré. 149,039, Mar. 23.
Wrench. A. O. Elnes. 149,052, Mar. 23.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 23D DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Acid, Preparation of cholic. R. H. Sifferd. 2,438,232, Mar. 23.
Acid, Producing citric. J. Szucs. 2,438,136, Mar. 23.
Acid-treating of catalytically cracked naphtha. A. F. Kaulakis. 2,438,445, Mar. 23.
Activation of clay. J. J. Owen. 2,438,451, Mar. 23.
Adhesion of bituminous materials to mineral aggregate, Increasing. J. M. Johnson. 2,438,318, Mar. 23.
Adhesive tape, Pressure-sensitive. H. J. Tierney. 2,438,195, Mar. 23.
Aerator, Waste liquor. E. B. Mallory. 2,438,342, Mar. 23.
Aircraft. E. A. Stalker. 2,438,254, Mar. 23.
Aircraft propulsion mechanism. R. B. Davis. 2,438,151, Mar. 23.
Alloy, Making a hard facing. J. Kurtz and E. Zampieri. 2,438,221, Mar. 23.
Aluminum bromide-hydrocarbon complex to promote alkylation of aromatic hydrocarbons by olefins of more than two carbon atoms per molecule, Process using. M. H. Gorin and L. G. Sharp. 2,438,211, Mar. 23.
Amplitude controlled current regulator. F. A. Russell. 2,438,417, Mar. 23.
Apparatus for adding one liquid to another. W. Smalley. 2,438,327, Mar. 23.
Apparatus for continuously drawing elongated products. W. A. Morton and T. H. Sloan. 2,438,448, Mar. 23.
Apparatus for dehumidifying air. W. H. Freygang. 2,438,120, Mar. 23.
Apparatus for determining balance in an electrical network. A. W. Jacobson and E. M. Whitney. 2,438,288, Mar. 23.
Apparatus for feeding fuel cables to furnaces. S. Rogow. 2,438,375, Mar. 23.
Apparatus for fluid-treating lengthy material. J. H. Ramsey. 2,438,374, Mar. 23.
Apparatus for indenting characters in medals and the like. F. E. Curtis. 2,438,271, Mar. 23.
Apparatus for projecting motion pictures. F. Waller and W. R. Dresser. 2,438,137, Mar. 23.
Apparatus for treating fur-bearing animal skins. R. E. Naumburg. 2,438,227, Mar. 23.
Applicator for bowling alley finishes. V. Unterbrink. 2,438,354, Mar. 23.
Arm, Windshield wiper. T. J. Smulski. 2,438,305, Mar. 23.
Attenuator. E. Doucette. 2,438,431, Mar. 23.
Automatic rod feed for metal removal. E. Meincke. 2,438,344, Mar. 23.
Axially engaging positive clutch. J. T. Lancaster. 2,438,175, Mar. 23.
Azeotropic distillation of acetic anhydride. C. H. Fisher and M. L. Fein. 2,438,278, Mar. 23.
Barrier for animal traps. H. A. Stilson. 2,438,377, Mar. 23.
Bearing. R. A. Smith. 2,438,192, Mar. 23.
Bearing greasing device. V. J. Krobath, Jr., and R. J. Roenigk, Jr. 2,438,122, Mar. 23.
Belt splicing device. F. W. Doblin and H. Ashworth. 2,438,361, Mar. 23.
Bending brake. P. Kilham. 2,438,319, Mar. 23.
Bending of corkwood. F. F. Pollak. 2,438,349, Mar. 23.
Bimetallic bodies, Manufacturing. J. W. Kinnear, Jr. 2,438,405, Mar. 23.
Binding machine, Bundle. P. A. Chamberlain. 2,438,386, Mar. 23.
Bladder, Flexible collapsible fluid. A. N. Spanel. 2,438,351, Mar. 23.
Bomb detonating mechanism. J. H. Hammond, Jr. 2,438,438, Mar. 23.
Bombsight computer. S. Darlington. 2,438,112, Mar. 23.
Bottom hole orientation. H. G. Livingston. 2,438,293, Mar. 23.
Brake: *See*—
Bending brake.
Brake arrangement, Disc. C. E. Tack. 2,438,481, Mar. 23.
Brake arrangement for railway disc brakes. R. B. Cottrell and W. A. Helsten. 2,438,473, Mar. 23.
Brake arrangement, Railway disc. C. E. Tack. 2,438,482, Mar. 23.
Brake device, Hill-holding. L. A. Dickens. 2,438,154, Mar. 23.
Brake shoe and head arrangement. C. E. Tack. 2,438,483, Mar. 23.
Brassière. E. W. Gluckin. 2,438,210, Mar. 23.
Broaching machine, Button. J. Friedman. 2,438,363, Mar. 23.
Bulk filament into staples, Method and apparatus for converting. R. C. Wilkie. 2,438,469, Mar. 23.
Burglar alarm. E. C. Heard. 2,438,167, Mar. 23.
Burner valve device. J. Maynard. 2,438,447, Mar. 23.
C-p-aminobenzenesulfonamido-substituted thiazolines and their production. W. A. Lott and F. H. Bergeim. 2,438,177, Mar. 23.
Cabinet: *See*—
Knockdown sheet metal Television cabinet.
cabinet.
Cabinet and making the same, Sheet metal. R. C. Barler and J. H. Yoder. 2,438,108, Mar. 23.
Cable: *See*—
Coaxial cable.
Transmission cable.
Calculator. A. J. R. Schumaker. 2,438,458, Mar. 23.
Calibration of cathode-ray oscillographs. G. J. Scoles and C. W. Miller. 2,438,420, Mar. 23.
Cam, Adjustable. F. D. Burns. 2,438,202, Mar. 23.
Can and can-opener and nipple attachment, Infant's formula. W. Rells. 2,438,299, Mar. 23.
Canister. P. V. Di Cosmo and M. C. Ricciardi. 2,438,430, Mar. 23.
Cap assembly, Snuffer. E. Wedemeyer. 2,438,378, Mar. 23.
Carroting and drying of fur-bearing animal skins. R. E. Naumburg. 2,438,226, Mar. 23.
Castings on elongated mountings, Forming and arranging. L. H. Morin. 2,438,348, Mar. 23.
Catalytic conversion of hydrocarbons. C. W. Tyson, H. G. M. Fischer, and E. V. Murphree. 2,438,467, Mar. 23.
Catalytic process for producing butadiene. L. U. Spence, D. J. Butterbaugh, and D. G. Kundiger. 2,438,464, Mar. 23.
Catalytic reactor. C. C. Watson. 2,438,242, Mar. 23.
Centrifugal compressor. F. Whittle. 2,438,426, Mar. 23.
Chart, Facial analysis. G. L. Henry. 2,438,246, Mar. 23.
Chemical catalytic conversion of hydrocarbon oils. C. E. Hemminger. 2,438,439, Mar. 23.
Chimney construction and fitting therefor. D. V. Meiller, J. D. Preble, and L. W. Tuttle. 2,438,411, Mar. 23.
Chute, Cattle-restraining. W. P. McDonough. 2,438,322, Mar. 23.
Cigarette case with reinforcing means, Flexible. J. A. Mace. 2,438,408, Mar. 23.
Circuit: *See*—
Electronic device circuit.
Clamping machine parts to beds. D. W. Strom. 2,438,235, Mar. 23.
Cleat, Wire. G. F. Dunkelberger and C. A. Schehl. 2,438,362, Mar. 23.
Clip for forming neckties. H. W. Morden. 2,438,295, Mar. 23.
Closure for fountain pens and the like. E. S. Schultz and C. D. Morton. 2,438,231, Mar. 23.
Clothesline reel. W. J. Thrower. 2,438,188, Mar. 23.
Clutch: *See*—
Axially engaging positive
clutch.
Clutch and brake construction, Magnetically actuated. W. P. Lear. 2,438,223, Mar. 23.
Clutch mechanism. J. J. Dugas. 2,438,157, Mar. 23.
Coated articles during drying, Handling. M. D. Swartz and K. N. Yellott. 2,438,135, Mar. 23.
Coaxial cable. L. H. Morin. 2,438,347, Mar. 23.
Coin receiving device. A. M. Gordon. 2,438,336, Mar. 23.
Collapsible container. T. Friedman. 2,438,434, Mar. 23.
Collar stay and necktie support. E. G. Pophal. 2,438,325, Mar. 23.
Computing device. A. W. Vance. 2,438,425, Mar. 23.
Conduit coupling. C. O. Morris. 2,438,412, Mar. 23.
Connector: *See*—
Disengageable electrical
circuit connector.
Container: *See*—
Collapsible container.
Control apparatus. E. G. Erson. 2,438,390, Mar. 23.
Control apparatus. E. C. Strong and L. M. Clark. 2,438,352, Mar. 23.
Control apparatus. R. T. Whitney. 2,438,427, Mar. 23.
Control device for airplanes. C. H. Zimmerman. 2,438,309, Mar. 23.
Control of swaging temperatures. J. H. Green. 2,438,160, Mar. 23.
Control valve device. A. A. Steinmiller. 2,438,423, Mar. 23.
Controller for motor-driven printing presses and other machines. C. P. Feldhausen and R. M. Lommen. 2,438,276, Mar. 23.

Controlling the flushing of urinals. J. H. Derby. 2,438,207, Mar. 23.
Controlling the growth and fattening rate of livestock and poultry and composition used in connection therewith. C. W. Turner and E. P. Reineke. 2,438,353, Mar. 23.
Conversion of fluid hydrocarbons, Method and apparatus for. E. Utterback. 2,438,261, Mar. 23.
Converting lactic acid to polylactic acid, Continuous process of. E. M. Filachione and C. H. Fisher. 2,438,208, Mar. 23.
Cooling and lubricating bearings, Method and apparatus for. R. A. Burkhart and W. M. Finlayson. 2,438,385, Mar. 23.
Cord support. F. E. Brown. 2,438,143, Mar. 23.
Coupling: *See*—
Conduit coupling. Pipe coupling.
Hose coupling.
Cover and receptacle for dry printing machines. W. Martin. 2,438,225, Mar. 23.
Cover on take-up roll for looms. E. Nassimbene. 2,438,296, Mar. 23.
Crude anthracene separation. B. B. Corson and R. S. Detrick. 2,438,148, Mar. 23.
Davenport, Bed. I. C. Poskin. 2,438,127, Mar. 23.
Dehydrogenation of 2,3-dimethylbutane. F. E. Frey. 2,438,315, Mar. 23.
d-Lysergic acid diethyl amide. A. Stoll and A. Hofmann. 2,438,259, Mar. 23.
Device for applying and distributing wax, oil and other like material to floors and like surfaces, Pad-mounting. J. E. Horn. 2,438,338, Mar. 23.
Device for making color prints. A. Simmon. 2,438,303, Mar. 23.
Device for trailers, Safety. C. F. Mooney. 2,438,346, Mar. 23.
Diamond tool dresser. D. W. Carter. 2,438,147, Mar. 23.
Diolefins from an olefinic feed stock, Removing. M. C. K. Jones and E. R. Retallliau. 2,438,444, Mar. 23.
Discharge device, Gaseous. F. Alexander. 2,438,356, Mar. 23.
Disengageable electrical circuit connector. R. C. Marholz. 2,438,371, Mar. 23.
Door structure for motor vehicles. A. W. Prance. 2,438,185, Mar. 23.
Drafting machine. L. Ketting. 2,438,220, Mar. 23.
Drive construction, Angle. C. A. Koza. 2,438,291, Mar. 23.
Dryer frame. A. W. Pfeffer. 2,438,324, Mar. 23.
Drying of microspherical gels. K. J. Nelson. 2,438,450. Mar. 23.
Drying of textile materials. J. W. Illingworth. 2,438,366, Mar. 23.
Egg tray for refrigerators. A. C. Jermyn. 2,438,443, Mar. 23.
Ejector, Pulp. R. O. Stokes. 2,438,258, Mar. 23.
Electric switch. J. A. Oppel. 2,438,373, Mar. 23.
Electric welding machine. H. G. Watkin. 2,438,262, Mar. 23.
Electrical translating materials and devices and making them. W. H. Brattain. 2,438,110, Mar. 23.
Electrocardiograph. A. J. Kizaur. 2,438,341, Mar. 23.
Electrode holder. J. D. Forney. 2,438,279, Mar. 23.
Electron discharge apparatus. D. L. Snow. 2,438,132, Mar. 23.
Electronic device circuit. G. B. Jacobs and O. I. Steigerwalt. 2,438,396, Mar. 23.
Electronic device, Vapor filled. J. J. Mason. 2,438,179, Mar. 23.
Electronic vehicle control apparatus. C. M. Hines. 2,438,394, Mar. 23.
Engine: *See*—
Free piston engine.
Engine fuel supply means. T. Pedersen. 2,438,251, Mar. 23.
Fabricating track laying vehicle shoes. C. E. Swenson. 2,438,424, Mar. 23.
Fastener applying tool. H. M. Laing. 2,438,174, Mar. 23.
Felt hardening machine. W. H. Kingston. 2,438,320, Mar. 23.
Film retainer. J. E. Huber. 2,438,286, Mar. 23.
Film-type resistor and manufacturing the same. D. W. Moore, Jr. 2,438,250, Mar. 23.
Finger, Signal staff holding. J. P. Dalton. 2,438,314, Mar. 23.
Fishing pole holder. H. G. Dolk. 2,438,388, Mar. 23.
Fishing reel. A. Hypnarowski. 2,438,287, Mar. 23.
Fitting, Pump discharge. R. G. Berry. 2,438,311, Mar. 23.
Flare tube ends and to prevent their rupture, Means to. W. L. Linker and J. R. Weishman. 2,438,292, Mar. 23.
Fluid pressure actuated motor. I. J. Snader and H. N. Seyferth. 2,438,463, Mar. 23.
Fluorescent and/or cathode glow lamp and method. C. Morehead and D. S. Gustin. 2,438,181, Mar. 23.
Fluorinated dibasic acids and preparing same. A. L. Henne. 2,438,484–5, Mar. 23.
Food processor gearing. A. Strauss, E. Feltman, M. M. Hunt, and W. D. Harbaugh. 2,438,465, Mar. 23.
Food tendering machine. H. C. Pfister. 2,438,184, Mar. 23.
Footwear. R. Maling. 2,438,321, Mar. 23.
Fountain fixture cooled by forced air circuit. E. E. Wilson. 2,438,355, Mar. 23.
Frame: *See*—
Dryer frame.
Free piston engine. H. G. Spier. 2,438,134, Mar. 23.
Freezing apparatus, Ice cube. R. E. Tobey. 2,438,466, Mar. 23.
Fuel, Diesel engine. R. T. Pollock. 2,438,452, Mar. 23.
Fuel injection pump. R. H. Sheppard. 2,438,190, Mar. 23.
Fuel supply control means for combustion apparatus. R. E. Fell and J. W. Miller. 2,438,275, Mar. 23.
Fuse setting mechanism. O. R. Haas. 2,438,165, Mar. 23.
Gage: *See*—
Internal bore gauge.
Garment provided with sleeves. R. Jamieson. 2,438,171, Mar. 23.
Garment, Waterproof outer. J. T. Callahan and J. A. Gilbertson. 2,438,429, Mar. 23.
Gauge: *See*—
Internal bore gauge.
Generator: *See*—
Oscillation generator.
Grids, Method and apparatus for winding. R. Denmark. 2,438,113, Mar. 23.
Grinding machine, Ball. H. A. Toulmin, Jr. 2,438,239, Mar. 23.
Grinding wheel. L. F. Carr. 2,438,203, Mar. 23.
Grip for insulators, Conductor. H. S. Sines. 2,438,233, Mar. 23.
Gun, Recoilless. W. B. Pope. 2,438,297, Mar. 23.
Gyroscope erection system. H. G. Hamilton. 2,438,213, Mar. 23.
Hanger: *See*—
Plate hanger.
Harvesting machine, Beet. L. B. Karaang. 2,438,289, Mar. 23.
Headband construction, Adjustable. R. L. Malcom. 2,438,409, Mar. 23.
Headlight and supporting means therefor. L. H. Washington. 2,438,196, Mar. 23.
Heater: *See*—
Pulverized fuel burning gas heater.
Heat-treatment of low grade coal, Method and apparatus for the. H. E. Becker. 2,438,199, Mar. 23.
Heating plant and furnace. J. A. Kreuser. 2,438,407, Mar. 23.
High-frequency radiation system. C. E. McClellan. 2,438,343, Mar. 23.
High-pressure modulator tube. C. M. Slack and C. E. Dawley. 2,438,191, Mar. 23.
Holder: *See*—
Electrode holder. Steel wool holder.
Fishing pole holder.
Hose coupling. W. C. Calcott. 2,438,472, Mar. 23.
Hose, Flexible metal. E. T. Candee and A. R. Anderson. 2,438,146, Mar. 23.
Hose storage reel. B. F. Souther. 2,438,306, Mar. 23.
Housing for suction cleaners, Split cylindrical. C. H. Sparklin. 2,438,133, Mar. 23.
Hydraulic press. S. J. Fazzio. 2,438,433, Mar. 23.
Hydraulic selector valve mechanism for hydraulic servomotors. S. H. Edge. 2,438,389, Mar. 23.
Hydrocarbon conversion. R. P. Russell, E. V. Murphree, and C. E. Hemminger. 2,438,456, Mar. 23.
Ice tray and grid arrangement. R. M. Storer. 2,438,260, Mar. 23.
Implement, Rotary groundworking. H. J. Seaman. 2,438,189, Mar. 23.
Index tab for printing devices. J. H. Gruver and C. J. Hueber. 2,438,282, Mar. 23.
Indicator: *See*—
Liquid level indicator.
Pendulously operated crank-timing indicator.
Inner piston ring. O. W. Haling. 2,438,163, Mar. 23.
Insecticide. A. H. Lewis. 2,438,370, Mar. 23.
Insulator. P. A. Schmidt. 2,438,419, Mar. 23.
Internal bore gauge. A. Eisele. 2,438,274, Mar. 23.
Internal-combustion engine piston. S. M. Zoromskis. 2,438,243, Mar. 23.
Isolation of oleandrin. A. I. Ryer and M. Frisch. 2,438,418, Mar. 23.
Isomerization of paraffinic hydrocarbons. E. E. Sensel, W. R. Smith, and A. R. Goldsby. 2,438,421, Mar. 23.
Jack: *See*—
Telescopic hydraulic jack.
Jig or fixture. J. F. Guest. 2,438,162, Mar. 23.
Joint: *See*—
Rotatably adjustable pipe joint.
Joint for high temperatures, Expansion. G. P. Bunn and H. J. Pankratz. 2,438,312, Mar. 23.
Jointed structure. M. H. Gallagher. 2,438,391, Mar. 23.
Ketone production. T. F. Doumani and J. F. Cuneo. 2,438,334, Mar. 23.
Knob, Fence. A. F. Toelke. 2,438,237, Mar. 23.
Knockdown sheet metal cabinet. R. Stevenson and I. Nadolsky. 2,438,257, Mar. 23.
Lactic acid composition. H. H. Schopmeyer. 2,438,326, Mar. 23.
Laminated sheet and composition for coating laminae. M. Jacobs. 2,438,339, Mar. 23.

Lead screw nut construction for lathes and the like. D. W. Strom. 2,438,236, Mar. 23.
Leakage fluid to a main fluid supply, System and means for returning. D. C. Gregg. 2,438,245, Mar. 23.
Leaks in electric cables containing fluid under pressure, Detecting. D. T. Hollingsworth. 2,438,441, Mar. 23.
Leveling screw, Dustproof. W. Patrosio and W. Ferber. 2,438,479, Mar. 23.
Lifting device. J. M. J. Riboud. 2,438,415, Mar. 23.
Lighting control and indication system, Airport. W. T. Powell. 2,438,453, Mar. 23.
Linkage, Tire chain. H. Madison. 2,438,248, Mar. 23.
Liquid elevating apparatus. J. C. Reed. 2,438,298, Mar. 23.
Liquid level indicator. L. B. Winton. 2,438,330, Mar. 23.
Lock: *See*—
Motor vehicle door lock.
Lock and key, Combined. J. Gagnon. 2,438,435, Mar. 23.
Locking device for sucker rod couplings, Safety. C. E. Burton. 2,438,313, Mar. 23.
Lockup one-way torsional force exerting device. O. H. Banker. 2,438,381, Mar. 23.
Low-pressure tire signal. H. G. Renner. 2,438,413, Mar. 23.
Lubricant and hydraulic fluid composition. H. L. Leland. 2,438,446, Mar. 23.
Lubrication adapter. F. C. Poyner. 2,438,128, Mar. 23.
Machine for grinding tooth flanks by means of profile generating discs. A. Aeppli. 2,438,138, Mar. 23.
Machine for picking cotton. J. H., J. C., and L. H. Hamner. 2,438,393, Mar. 23.
Magnetometer, Precision. L. I. Mendelsohn. 2,438,372, Mar. 23.
Magnetron. H. L. Steele, Jr., and J. W. McNall. 2,438,194, Mar. 23.
Manifolds for engines, Making. H. Caminez. 2,438,145, Mar. 23.
Manometer. R. A. Osten. 2,438,228, Mar. 23.
Manufacture of detergents. L. F. Hoyt. 2,438,169, Mar. 23.
Manufacture of sutures. T. R. Selby and L. L. Campbell. 2,438,131, Mar. 23.
Mast, Oil well. R. E. and R. E. Fife, Jr. 2,438,277, Mar. 23.
Measuring instruments. J. E. Coates. 2,438,205, Mar. 23.
Mechanism for conveying, discharging, and assorting wrapped articles. C. J. Malhiot. 2,438,178, Mar. 23.
Mercury pool electronic device. E. G. F. Arnott. 2,438,139, Mar. 23.
Metallation of beta-keto esters. V. H. Wallingford and A. H. Homeyer. 2,438,241, Mar. 23.
Metered spraying device for mixed liquids. R. B. Smith. 2,438,462, Mar. 23.
Molding machine. L. L. Johnston. 2,438,218, Mar. 23.
Motion-transmitting unit. A. G. Parker. 2,438,182, Mar. 23.
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Motor vehicle door lock. G. Tonkin. 2,438,238, Mar. 23.
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Mounting arrangement for electrical equipment. T. C. Riebe. 2,438,454, Mar. 23.
N,N'-Bis(3-diethylaminopropylamide) of dibasic aliphatic acids. L. C. Behr and R. S. Schreiber. 2,438,200, Mar. 23.
Nitration apparatus. J. B. Castner. 2,438,204, Mar. 23.
Nonmetallic mine. J. J. Taylor and P. M. Ross. 2,438,307, Mar. 23.
Oil composition. J. I. Wasson and C. J. Wilson. 2,438,468, Mar. 23.
Oil composition, Cutting. J. C. Showalter. 2,438,461, Mar. 23.
Opener, Bobby pin. A. M. Johnson. 2,438,172, Mar. 23.
Opener, Can. G. R. Squires. 2,438,376, Mar. 23.
Oscillation generation control. P. D. Gerber. 2,438,392, Mar. 23.
Oscillation generator. L. W. Born. 2,438,382, Mar. 23.
Oscillatory system, Phase-selective variable-frequency. H. A. Wheeler. 2,438,197, Mar. 23.
Oven, Crystal. A. E. Miller. 2,438,345, Mar. 23.
Pad for gun stocks, Air cushion. W. H. Brower. 2,438,142, Mar. 23.
Paddle target unit for ball games. D. S. Alves. 2,438,263, Mar. 23.
Pendulously operated crank timing indicator. E. A. Price. 2,438,229, Mar. 23.
Periodic stray signals from seismic signals, Elimination of. C. H. Johnson. 2,438,217, Mar. 23.
Peroral penicillin compositions. H. E. Alburn, J. Charney, and F. W. Bernhart. 2,438,106, Mar. 23.
Phonograph driving mechanism. J. Bender, Jr. 2,438,264, Mar. 23.
Photometric apparatus giving readings invariant with azimuth on polarizing samples. E. I. Stearns, Jr., and G. L. Buc. 2,438,422, Mar. 23.
Pile materials and production thereof. F. G. Dodge. 2,438,156, Mar. 23.
Pipe coupling. D. R. Babbitt. 2,438,107, Mar. 23.
Piston and seal. B. Dick. 2,438,153, Mar. 23.
Plant thinning machine. L. A. Marihart. 2,438,224, Mar. 23.
Plastic and metal building construction, Combination. C. I. Auten. 2,438,140, Mar. 23.
Plate hanger. R. Graves. 2,438,436, Mar. 23.
Plate, Heel-seating. H. V. Shirling. 2,438,253, Mar. 23.
Polymerization of olefinic hydrocarbons, Low temperature. H. L. Johnson. 2,438,340, Mar. 23.
Position indicator for cylinder doors. A. Matthews. 2,438,294, Mar. 23.
Power regulator. N. Rochester. 2,438,486, Mar. 23.
Power take-off. C. D. Peterson and E. J. Barth. 2,438,183, Mar. 23.
Preheating and vaporization of fuel for internal-combustion reaction motors. H. Knudsen. 2,438,247, Mar. 23.
Preparation of cyclopentadiene. R. M. Kennedy. 2,438,398, Mar. 23.
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Press: *See*—
Hydraulic press.
Processing plastic sheets. S. Gordon. 2,438,281, Mar. 23.
Producing face clutches. E. Wildhaber. 2,438,329, Mar. 23.
Production of aqueous sols of hydrous oxides. J. W. Ryznar. 2,438,230, Mar. 23.
Production of catalysts. R. C. Archibald, B. S. Greensfelder, and F. T. Eggertsen. 2,438,379, Mar. 23.
Production of dicarboxylic acids or anhydrides thereof. I. E. Levine. 2,438,369, Mar. 23.
Production of gasproof compound fabrics. L. A. Lantz and A. Schofield. 2,438,176, Mar. 23.
Production of methacrylic acid. G. A. Harrington and E. Gorin. 2,438,164, Mar. 23.
Production of 1,2-disubstituted 3-cyanoguanidines. H. Z. Lecher, R. P. Parker, and R. S. Long. 2,438,124, Mar. 23.
Projection light source for photographic devices. R. C. Johnston. 2,438,219, Mar. 23.
Projector adapter for showing still pictures, Motion picture. J. E. Dickman. 2,438,333, Mar. 23.
Protector: *See*—
Stocking heel protector.
Waterproof hosiery protector.
Protector and means thereon for holding the same in place, Bunion. M. B. Goldbaum. 2,438,364, Mar. 23.
Puller and cutter, Rivet stem. C. R. Buchet. 2,438,201, Mar. 23.
Pulverized fuel burning gas heater. R. Ruegg. 2,438,416. Mar. 23.
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Fuel injection pump.
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Pump with differential impeller control. R. G. Holt. 2,438,442, Mar. 23.
Purification of acetic acid by azeotropic distillation. L. E. Schniepp. 2,438,300, Mar. 23.
Purification of hydrogen peroxide by a nonconcentrating distillation. C. N. Richardson. 2,438,252, Mar. 23.
Purification of vinyl halide and vinylidene halide polymers. G. W. Stanton. 2,438,480, Mar. 23.
Purifying benzene. W. O. Keeling. 2,438,368, Mar. 23.
Railway car axle and journal box assembly, Roller bearing R. E. Horger. 2,438,214, Mar. 23.
Reaction product of gramicidin and formaldehyde and production. H. L. Fraenkel-Conrat, H. Humfeld, J. C Lewis, K. P. Dimick, and H. S. Olcott. 2,438,209, Mar. 23.
Recorder, Ship's telegraph. H. J. Callahan. 2,438,331, Mar. 23.
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Refrigerating apparatus of the intermittent absorption or adsorption type. Nils Erland af Kleen. 2,438,105 Mar. 23.
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Regulator: *See*—
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Reversible clutching mechanism. A. H. Jessen. 2,438,216 Mar. 23.
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Rods, Straightening. A. J. Trudeau. 2,438,240, Mar. 23.
Roller exercising machine. F. R. Mattison. 2,438,249, Mar. 23.
Rotatably adjustable pipe joint. C. H. Stewart. 2,438,234, Mar. 23.
Rotor for vibrator units. W. P. Day. 2,438,206, Mar. 23.
Rule and compass, Combination. L. J. Gordon. 2,438,337, Mar. 23.
Saw blade planishing machine. P. Senard. 2,438,460, Mar. 23.

Scaffolding unit, Portable and collapsible. W. J. S. Johnson and T. H. Harvey. 2,438,173, Mar. 23.
Scavenger roll mechanism. J. A. Koolstra. 2,438,290, Mar. 23.
Screening means for vacuum electric tube devices. J. M. Dodds and J. H. Ludlow. 2,438,115, Mar. 23.
Seal for stoves, Charging. R. D. Lambert and C. L. Bailey. 2,438,123, Mar. 23.
Seal, Regulator stem. J. J. Delany. 2,438,360, Mar. 23.
Seal, Shaft. A. G. Schlosser. 2,438,457, Mar. 23.
Selective control device, Manually operative. H. C. May. 2,438,410, Mar. 23.
Separation of diolefins and contaminating hydrocarbons from rich ammoniacal aqueous solutions. I. D. Hall. 2,438,437, Mar. 23.
Separation of liquid emulsions. M. Biazzi. 2,438,244, Mar. 23.
Servo actuator. A. Gabriel. 2,438,317, Mar. 23.
Servo-motor, Pressure fluid follow-up. A. Gabriel. 2,438,316, Mar. 23.
Sewing machine. H. Sebell. 2,438,459, Mar. 23.
Shoe antiskid device. W. Smith. 2,438,193, Mar. 23.
Signal: *See*—
  Low-pressure tire signal.
Signal and volume control for miniature radio ranges, Mechanical. C. W. Muller. 2,438,126, Mar. 23.
Silicones and product thereof, Preparing. J. F. Hyde. 2,438,478, Mar. 23.
Slicing device with a vertically reciprocating cutter. C. L. Slingerland. 2,438,304, Mar. 23.
Slip ring cutting machine. L. T. Schuler. 2,438,130, Mar. 23.
Soaking, freezing, and drying by sublimation of untanned hides. W. M. Cutler. 2,438,150, Mar. 23.
Sounding device. C. J. Clarke. 2,438,332, Mar. 23.
Spool for fishing reels. S. G. Hirsch. 2,438,440, Mar. 23.
Spectrographic pin stand. E. J. Dunn. 2,438,158, Mar. 23.
Spraying apparatus. A. P. Ball. 2,438,471, Mar. 23.
Spreader, Concrete. J. P. Faber. 2,438,159, Mar. 23.
Stabilization of oxidized aromatic hydrocarbons. E. J. Lorand and J. E. Reese. 2,438,125, Mar. 23.
Stabilization of shell eggs. W. R. and G. M. Hearst. 2,438,168, Mar. 23.
Stains, Making ceramic. J. A. Earl. 2,438,335, Mar. 23.
Stand: *See*—
  Spectrographic pin stand.
Static eliminator for radio receiving sets. D. A. Dance. 2,438,272, Mar. 23.
Steam joint supporting structure. S. M. Bratton. 2,438,141, Mar. 23.
Steel, Graphitic. F. R. Bonte. 2,438,267, Mar. 23.
Steel wool holder. A. A. De Semple. 2,438,152, Mar. 23.
Stocking heel protector. F. L. Galley. 2,438,280, Mar. 23.
Stool, Combination ladder. D. Greene. 2,438,212, Mar. 23.
Stool, Toilet. A. M. Broudy. 2,438,384, Mar. 23.
Stop means for textile apparatus and the like. C. A. Hepp and P. Schoenster. 2,438,365, Mar. 23.
Stopper. F. A. Cutter and W. F. Butler. 2,438,149, Mar. 23.
Strainer, Percolator bowl. M. Simcich. 2,438,302, Mar. 23.
Stylus for sound reproduction. R. H. Campbell. 2,438,111, Mar. 23.
Surgical brace. B. A. Bunyar, Jr. 2,438,144, Mar. 23.
Support: *See*—
  Collar stay and necktie support. Cord support.
Switch: *See*—
  Electric switch. Unshorting switch.
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Switching system. L. Hegy. 2,438,283, Mar. 23.
Synthesis of hydrocarbons and oxygenated compounds. M. A. Mosesman. 2,438,449, Mar. 23.
Tag printing machine. E. W. and C. A. Flood. 2,438,118, Mar. 23.
Telescopic hydraulic jack. R. Houldsworth. 2,438,285, Mar. 23.
Television cabinet. J. I. Stein. 2,438,256, Mar. 23.
Television receiver circuits and apparatus. R. G. Clapp. 2,438,359, Mar. 23.
Television system, Color. J. A. Buckbee. 2,438,269, Mar. 23.
Temperature control device. F. D. Bennett and T. A. Newkirk. 2,438,109, Mar. 23.
Temperature control for engines. H. R. Greenlee. 2,438,161, Mar. 23.
Tender and water scoop, Locomotive. C. F. Kantola. 2,438,397, Mar. 23.
Tension device. H. J. McDermott. 2,438,180, Mar. 23.
Test probe. W. C. Reichard. 2,438,350, Mar. 23.
Textile materials composed of or containing animal fibres, Finishing. J. B. Speakman and E. Whewell. 2,438,328, Mar. 23.
Time-delay switch. R. D. Randall. 2,438,186, Mar. 23.
Toaster and boiler, Radiant gas. H. B. Wilson. 2,438,470, Mar. 23.
Tool: *See*—
  Fastener applying tool.
Tool for applying fuse links to fused cutouts. D. C. Hubbard. 2,438,121, Mar. 23.
Toothbrush, Flexible bristle head. L. R. Bressler. 2,438,268, Mar. 23.
Torch, Gas heating. H. G. Hughey. 2,438,170, Mar. 23.
Torsion spring mounting. S. H. Edwards. 2,438,432, Mar. 23.
Traction reducer. J. M. J. Riboud. 2,438,414, Mar. 23.
Tractor fifth wheel mounting. E. L. Miller. 2,438,323, Mar. 23.
Translating system, Magnetic sound. W. P. Lear. 2,438,222, Mar. 23.
Transmission cable. C. A. Arens. 2,438,380, Mar. 23.
Transmission operating device and interlock. D. Roeder and H. L. Brock. 2,438,455, Mar. 23.
Transmitter-receiver switching system. J. E. Keister. 2,438,367, Mar. 23.
Transmitter tuning and antenna switching arrangements, Unicontrolled. J. M. Dodds and J. H. Ludlow. 2,438,116, Mar. 23.
Transmitter, Vane type. H. Konet. 2,438,406, Mar. 23.
Treatment of hydrocarbons. S. J. Hetzel and R. M. Kennedy. 2,438,404, Mar. 23.
Treatment of polyalkyl aromatics. V. N. Ipatieff and L. Schmerling. 2,438,215, Mar. 23.
Truck, Mixing and self-unloading farm. J. A. Schulte. 2,438,301, Mar. 23.
Tube: *See*—
  High-pressure modulator tube.
Tubular package forming and filling method and apparatus. J. J. Barnett. 2,438,198, Mar. 23.
Tuner for ultra high frequency transmitters, Multirange. J. M. Dodds and J. H. Ludlow. 2,438,474–5, Mar. 23.
Tuning circuit for radio transmitters. J. M. Dodds and J. H. Ludlow. 2,438,477, Mar. 23.
Tuning radio frequency generators, Multirange. J. M. Dodds and J. H. Ludlow. 2,438,476, Mar. 23.
Turbodrive, Double rotation. D. J. Bloomberg. 2,438,357, Mar. 23.
Two-speed drive for phonograph turntables. C. E. Ewing. 2,438,266, Mar. 23.
Two-speed phonograph turntable drive. R. G. Metzner. 2,438,265, Mar. 23.
Undergarment. E. J. Ashe and O. E. Webber. 2,438,310, Mar. 23.
Unshorting switch. R. B. Brode. 2,438,383, Mar. 23.
Valve for depth charge firing mechanisms. W. B. Ellwood. 2,438,117, Mar. 23.
Vapor disseminator. H. R. Rich. 2,438,129, Mar. 23.
Vehicle wheel. H. J. Horn. 2,438,284, Mar. 23.
Ventilator, Roof. H. B. Hawes. 2,438,166, Mar. 23.
Wall construction. R. E. Birdsall. 2,438,428, Mar. 23.
Washing machine, Wobble basket. J. A. Eastes. 2,438,273, Mar. 23.
Waterproof hosiery protector. E. Wheaton. 2,438,308, Mar. 23.
Wave transmission. A. G. Fox. 2,438,119, Mar. 23.
Welding metal bodies by high-frequency electric heating of dielectric material therebetween. I. M. Diller. 2,438,155, Mar. 23.
Wheel: *See*—
  Grinding wheel.
  Vehicle wheel.
Wheel gauge for vehicles. B. Castiglia. 2,438,358, Mar. 23.
Window for cooking range oven doors. M. F. Cotes. 2,438,270, Mar. 23.
Wing lift control for aircraft. E. A. Stalker. 2,438,255, Mar. 23.
Wire twisting machine, Florist's. T. E. Reynolds and E. Fyffe. 2,438,187, Mar. 23.

CLASSIFICATION OF PATENTS

ISSUED MARCH 23, 1948

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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This list shows the correct classification of those patents wherein the classification given in the patent head has been changed.

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Classification of Designs

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Condition of Applications Under Examination at Close of Business Mar. 5, 1948

(Total number of applications awaiting action, exeluding Trade-Mark Division, 152,914; Trade-Mark Division, 33,539. Oldest new case, Apr. 2, 1946; oldest amended, Feb. 19, 1946.)

DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action: New	Amended	Applications awaiting action
1. GOLDBERG, A. J., Food Apparatus; Closure Operators; Fences; Gates; Planters; Plows; Harrows and Diggers; Plant Husbandry; Scattering Unloaders; Baths, Closets, Sinks, and Spittoons, Sewerage.	June 12	June 29	3,621
2. HERRMANN, D., Fishing, Trapping and Vermin Destroying; Bee Culture; Dairy; Animal Husbandry; Presses; Tobacco; Textile Wringers; Butchering.	Apr. 19	Mar. 14	4,088
3. MARMELSTEIN, N., Metal Founding and Treatment; Metallurgy (Process and Apparatus)	†June 2	Nov. 27	1,520
4. BISHOP, WALTER C., Conveyors; Hoists; Handling Apparatus; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Pneumatic Dispatch; Store Service; Mining, Quarrying, and Ice Harvesting.	July 20	July 1	4,097
5. ROBINSON, C. W., Harvesters; Acoustics; Sound Recording; Knotters	Apr. 3	Apr. 11	1,876
6. SURLE, H., Carbon Chemistry (part)	†May 15	†Feb. 12	1,833
7. HANLIN, GEORGE, Optics; Photographic Apparatus	†May 22	†Jan. 27	1,790
8. IMUS, A. E., Furniture; Racks and Cabinets	June 4	May 13	4,058
9. BENSON, R. B., Pumps and Fans; Fluid and Fluid-Current Motors	July 31	Apr. 16	2,371
10. ANDRUS, L. M., Radiant Energy (part, e.g., Portable Radio Sets, Radio Accessories, Detectors, Oscillation Generators, Wave Meters, Tuners); Music; Modulators; Piezo-electric Crystals.	†Apr. 7	Dec. 30	1,376
11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus.	†June 17	†June 20	825
12. SPINTMAN, S., Machine Elements (part); Engine Starters; Motor Control with Clutch or Brake; Transmission with Clutch or Brake.	†May 13	June 20	2,094
13. BEALL, T. E., Gear Cutting, Milling, Planing, Metal Working (part); Needle and Pin Making; Turning	May 21	Apr. 22	2,471
14. FREEHOF, H. B., Metal Working (Bending; Sheet-Metal; Wire; Misc. Processes); Wire Fabrics; Farriery	†Mar. 31	†Jan. 27	1,200
15. HENKIN, B., Plastics; Plastic Block and Earthenware Apparatus; Glass	Sept. 9	Apr. 25	1,941
16. LOVEWELL, N. N., Telegraphy, Telephony	†June 2	Oct. 11	1,862
17. HABECKER, LEON B., Paper Manufactures; Typewriters; Printing; Type Casting and Setting; Sheet Material Associating or Folding; Sheet or Web Feeding.	Sept. 7	May 9	1,861
18. KURZ, J. A., Motors, Expansible-Chamber Type; Power Plants; Speed Responsive Devices; Rotary Internal-Combustion Engines.	Aug. 28	Apr. 12	1,744
19. PATRICK, P. L., Liquid and Gaseous Fuel Burners; Stoves and Furnaces	Aug. 16	Aug. 9	1,897
20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Undertaking; Bread, Pastry, and Confection Making; Bank Protection; Safes; Tents, Canopies, Umbrellas and Canes.	July 10	July 26	2,089
21. MADER, R. C., Textiles	†Apr. 23	†Feb. 26	1,187
22. CARPENTER, B. H., Aeronautics; Firearms; Ordnance	Aug. 26	July 8	1,903
23. LEWIS, J. B., Cash Registers; Calculators and Counters; Education	June 25	May 28	1,822
24. LUSBY, CHARLES, Apparel; Apparel Apparatus; Package and Article Carriers; Sewing Machines	†May 7	†May 12	1,877
25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Distillation.	†Feb. 7	June 14	1,741
26. YOUNG, R. R., Electricity—Generation and Motive Power	†Feb. 3	June 10	1,488
27. JAMES, S., Brushing, Scrubbing; Fluid Treatment of Textiles (Apparatus); Liquid Treatment of Solids; General Cleaning; Ironing; Brush; Broom and Mop Making.	Sept. 13	Aug. 30	3,052
28. SOLYOM, H. L., Heating; Metallurgical Apparatus; Internal-Combustion Engines (part); Cylinders; Pistons.	Dec. 20	Oct. 25	1,215
29. SHKLARIN, J. B., Baggage; Cloth, Leather, and Rubber Receptacles; Button Making; Woodworking; Tools.	Oct. 10	June 21	2,954
30. BISHOFF, A., Automatic Temperature and Humidity Regulation; Illumination; Thermostats and Humidostats; Heating Systems; Ammunition and Explosive Devices.	†Mar. 12	Aug. 5	2,407
31. DUNCOMBE, C. S., Mineral Oils; Carbocyclic or Acyclic Carbon Compounds (part)—e. g., Ketones, Aldehydes, Ethers, Hydroxy Compounds, Hydrocarbons, Halogenated Hydrocarbons.	†May 22	†June 2	2,139
32. LESH, KARL R., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation; Agitating; Wells; Earth Boring.	June 28	May 3	2,874
33. KAUFFMAN, H. E., Bridges; Hydraulic and Earth Engineering; Building Structures; Roads and Pavements	May 25	Apr. 22	3,434
34. SAPERSTEIN, S., Electricity—Transmission to Vehicles; Railways; Track Sanders; Signals and Indicators	July 19	May 15	1,343
35. BROMLEY, E. D., Card and Sign Exhibiting; Dispensing; Filling and Closing Portable Receptacles; Ammunition and Explosive Charge Making.	Aug. 10	July 16	2,662
36. McFADYEN, A. D., Automatic Weighers; Measuring and Testing; Force Measuring	May 10	Apr. 12	2,017
37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	†Apr. 15	Oct. 18	1,499
38. ARNOLD, D., Coating Processes and Apparatus; Coating or Plastic Compositions (part); Rubber	Oct. 10	Sept. 12	1,704
39. WHITNEY, F. I., Fluid-Pressure Regulators; Valves; Water Distribution	Apr. 26	Apr. 1	2,848
40. DRUMMOND, E. J., Receptacles (part); Packages	†Feb. 3	Aug. 13	3,018
41. HERTZ, M., Recorders; Check-controlled Apparatus; Coin Handling; Article Dispensing Cabinets; Deposit Receptacles; Buckles, Buttons, Clasps.	May 4	Apr. 2	2,720
42. MARANS, H., Electric Signaling; Variable Transformer and Reactor Structure; Electricity, Voltage Magnitude and Phase Control Systems.	†June 7	†June 10	878
43. STONE, I. G., Medicines, Poisons and Cosmetics; Explosive Compositions; Sugar and Starch; Bleaching and Dyeing; Fluid Treatment of Textiles; Hides, Skins and Leathers.	†May 24	†May 23	1,455
44. HARVEY, L. P., Refrigeration; Preserving	Apr. 2	Apr. 20	1,315
45. MANTER, W. B., Shafting and Flexible Shaft Couplings; Wheels, Tires, Axles and Wheel Substitutes; Lubrication; Bearings and Guides; Belt and Sprocket Gearing; Spring Devices; Land Vehicles (part); Spring, Weight and Horsepower Motors.	June 6	May 9	2,828
46. MUSHAKE, W. I., Concentrating Evaporators; Fluid Sprinkling, Spraying and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers; Kitchen and Table Articles.	Aug. 2	June 4	1,864

Note.—The dates given are 1946 except where † indicates 1947.

(Total number of applications awaiting action, excluding Trade-Mark Division, 152,914; Trade-Mark Division, 33,539. Oldest new case, Apr. 2, 1946; oldest amended, Feb. 19, 1946.)

DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action: New	Amended	Applications awaiting action
47. KANOF, WM. J., Motor Vehicles; Land Vehicles (part); Fluid Pressure Brakes	†Apr. 17	Nov. 15	1,909
48. BERNSTEIN, S., Electricity, General Applications; Electric Igniters	Aug. 26	July 31	1,564
49. SHEFFIELD, E. L., Drying and Gas or Vapor Contact with Solids; Ventilation; Liquid Separation or Purification.	†Jan. 24	July 15	1,536
50. LEVIN, SAMUEL, Synthetic Resins	†May 29	Nov. 1	2,334
51. FRIEDMAN, M. H., Radiant Energy (part, e. g., Radio Transmission and Reception, Transmitters, Receivers, Antennae); Radiant Energy Communications.	†Apr. 25	Sept. 16	1,817
52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Pipes and Tubular Conduits.	†Mar. 5	July 25	3,853
53. BRINDISI, M. V., Label Pasting and Paper Hanging; Book Making; Manifolding; Printed Matter; Stationery; Paper Files and Binders; Cutlery; Closures, Partitions and Panels, Flexible and Portable.	July 22	Mar. 14	3,659
54. STRACHAN, O. W., Electric Lamp and Discharge Devices, Systems, Structure, Manufacture and Repair; Light Sensitive Circuits; Ray Energy Applications.	†May 1	Nov. 6	1,863
55. BOWEN, S. T., Artificial Body Members; Dentistry; Surgery; Toilet	Nov. 13	Apr. 5	1,820
56. COCKERILL, S., Electrical and Wave Energy Chemistry; Paper Making; Acetylene; Gas Mixing	†May 6	†Mar. 21	1,151
57. NICOLSON, G. D., Toys; Amusement and Exercising Devices; Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks.	July 5	May 3	3,605
58. DOWELL, E. F., Abrading; Bottles and Jars; Stone Working; Making Metal Tools and Implements	†Apr. 2	Sept. 14	1,342
59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Heterocyclic Compounds (part).	July 12	June 5	2,087
60. GLASS, R. L., Electricity—Heating; Welding; Furnaces; Battery Charging and Discharging; Consumable Electrode Lamp and Discharge Devices; Resistances and Rheostats; Prime Mover Dynamo Plants.	†May 14	Nov. 8	1,482
61. LANNAN, J., Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery; Boats, Buoys, Ships and Marine Propulsion.	Aug. 30	May 11	3,269
62. PUGH, E. C., Games; Tables; Mechanical Guns and Projectors	Oct. 18	June 4	1,571
63. WINKELSTEIN, A. H., Fermentation; Foods and Beverages; Heterocyclic Compounds (part); Oils and Fats.	†Apr. 23	†Feb. 24	1,486
64. NASH, P. M., Compositions—Coating or Plastic (part); Fuel and Miscellaneous	†July 16	†July 19	1,850
65. McDERMOTT, F. P., Batteries; Electrical Conductors, Conduits, Insulators and Connectors	†Apr. 28	†Jan. 18	1,067
66. LISANN, I., Geometrical Instruments	May 14	Feb. 19	2,263
67. KRAFFT, C. F., Laminated Fabrics; Photographic Processes and Products; Ornamentation	Oct. 1	June 24	2,015
68. BERMAN, H., Brakes, Boring and Drilling; Clutches and Power Stop Control	†Mar. 20	Oct. 31	1,588
69. GALVIN, D. J., Electricity—Wave Transmission, Repeaters and Relays (e. g., Amplifiers), Galvanometers and Meters.	Dec. 31	June 21	971
TRADE-MARKS: MERCHANT, J. H.	†July 5	†Sept. 3	33,539
DESIGNS: BREHM, G. L.	July 15	†Sept. 30	8,164

NOTE.—The dates given are 1946 except where † indicates 1947.

DECISIONS IN PATENT AND TRADE-MARK CASES

Supreme Court of the United States

FUNK BROTHERS SEED COMPANY

v.

KALO INOCULANT COMPANY

No. 280. Decided February 16, 1948

[—U. S. —; 76 USPQ 280]

1. PATENTS — PRODUCTS — MIXED CULTURES—DISCOVERY OF LAW OF NATURE—SEC. 4886 R. S. CONSTRUED.
Where the patentee did not create a state of inhibition or of non-inhibition in the mixed culture defined in the patent claims, but merely discovered that certain strains of each species of these bacteria can be mixed without harmful effect to the properties of either, which is a discovery of their qualities of non-inhibition, *Held* that it is no more than the discovery of some of the handiwork of nature and hence is not patentable.

2. SAME—SAME—SAME—SAME—SAME.
He who discovers a hitherto unknown phenomenon of nature has no claim to a monopoly of it which the law recognizes. If there is to be invention from such a discovery, it must come from the application of the law of nature to a new and useful end.

3. SAME—SAME—SAME—AGGREGATION.
The aggregation of select strains of the several species into one product, wherein each of the species infects the same group of plants which it always infected, wherein no species acquires a different use, wherein the combination of species produces no new bacteria, no change in the six species of bacteria and no enlargement of the range of their utility, wherein each species has the same effect it always had, and wherein their use in combination does not improve in any way their natural functioning, *Held* that that aggregation of species fall short of invention within the meaning of the patent statutes.

4. SAME—SAME—SAME—SAME.
Though there is an advantage in the combination, *Held* that a product must be more than new and useful to be patented; it must also satisfy the requirements of invention or discovery.

5. SAME—SAME—SAME—SEC. 4886 R. S. CONSTRUED.
Product claims defining a plurality of selected mutually non-inhibitive strains of different species of bacteria of the genus Rhizobium *Held* not within the meaning of invention or discovery of the patent statutes.

ON WRIT of certiorari to the United States Circuit Court of Appeals for the Seventh Circuit.

REVERSED.

H. A. Toulmin, Jr. (*D. C. Staley* of counsel) for Funk.

J. Bernhard Thiess (*Sidney Neuman* and *M. Hudson Rathburn*, of counsel) for Kalo.

MR. JUSTICE DOUGLAS delivered the opinion of the Court.

This is a patent infringement suit brought by respondent. The charge of infringement is limited to certain product claims[1] of Patent No. 2,200,532 issued to Bond on May 14, 1940. Petitioner filed a counterclaim asking for a declaratory judgment that the entire patent be adjudged invalid.[2] The district court held the product claims invalid for want of invention and dismissed the complaint. It also dismissed the counterclaim. Both parties appealed. The circuit court of appeals reversed, holding that the product claims were valid and infringed and that the counterclaim should not have been dismissed. 161 F.2d 981. The question of validity is the only question presented by this petition for certiorari.

Through some mysterious process leguminous plants are able to take nitrogen from the air and fix it in the plant for conversion to organic nitrogenous compounds. The ability of these plants to fix nitrogen from the air depends on the presence of bacteria of the genus Rhizobium which infect the roots of the plant and form nodules on them. These root-nodule bacteria of the genus Rhizobium fall into at least six species. No one species will infect the roots of all species of leguminous plants. But each will infect well-defined groups of those plants.[3] Each species of root-nodule bacteria is made up of distinct strains which vary in efficiency. Methods of selecting the strong strains and of producing a bacterial culture from them have long been known. The bacteria produced by the laboratory methods of culture are placed in a powder or liquid base and packaged for sale to and use by agriculturists in the inoculation of the seeds of leguminous plants. This also has long been well known.

It was the general practice, prior to the Bond patent, to manufacture and sell inoculants containing only one species of root-nodule bacteria. The inoculant could therefore be used successfully only in plants of the particular cross-inoculation group

[1] The product claims in suit are 1, 3, 4, 5, 6, 7, 8, 12, and 14. Claim 4 is illustrative of the invention which is challenged. It reads as follows:
"An inoculant for leguminous plants comprising a plurality of selected mutually non-inhibitive strains of different species of bacteria of the genus Rhizobium, said strains being unaffected by each other in respect to their ability to fix nitrogen in the leguminous plant for which they are specific."

[2] The patent also contains process claims.

[3] The six well-recognized species of bacteria and the corresponding groups (cross-inoculation groups) of leguminous plants are:

Rhizobium trifolii	Red clover, crimson clover, mammoth clover, alsike clover
Rhizobium meliloti	Alfalfa, white or yellow sweet clovers
Rhizobium phaseoli	Garden beans
Rhizobium leguminosarum	Garden peas and vetch
Rhizobium lupini	Lupines
Rhizobium japonicum	Soy beans

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corresponding to this species. Thus if a farmer had crops of clover, alfalfa, and soy beans he would have to use three separate inoculants.[4] There had been a few mixed cultures for field legumes. But they had proved generally unsatisfactory because the different species of the Rhizobia bacteria produced an inhibitory effect on each other when mixed in a common base, with the result that their efficiency was reduced. Hence it had been assumed that the different species were mutually inhibitive. Bond discovered that there are strains of each species of root-nodule bacteria which do not exert a mutually inhibitive effect on each other. He also ascertained that those mutually non-inhibitive strains can, by certain methods of selection and testing, be isolated and used in mixed cultures. Thus he provided a mixed culture of Rhizobia capable of inoculating the seeds of plants belonging to several cross-inoculation groups. It is the product claims which disclose that mixed culture that the circuit court of appeals has held valid.

[1] We do not have presented the question whether the methods of selecting and testing the non-inhibitive strains are patentable. We have here only product claims. Bond does not create a state of inhibition or of non-inhibition in the bacteria. Their qualities are the work of nature. Those qualities are of course not patentable. For patents cannot issue for the discovery of the phenomena of nature. See *Le Roy* v. *Tatham*, 14 How. 156, 175. The qualities of these bacteria, like the heat of the sun, electricity, or the qualities of metals, are part of the storehouse of knowledge of all men. They are manifestations of laws of nature, free to all men and reserved exclusively to none. He who discovers a hitherto unknown phenomenon of nature has no claim to a monopoly of it which the law recognizes. [2] If there is to be invention from such a discovery, it must come from the application of the law of nature to a new and useful end. See *Telephone Cases*, 126 U. S. 1, 532–533, 43 O. G. 377; *De Forest Radio Co.* v. *General Electric Co.*, 283 U. S. 664, 684–685, 408 O. G. 283; *Mackay Radio & Tel. Co.* v. *Radio Corp.*, 306 U. S. 86, 94, 501 O. G. 567; *Cameron Septic Tank Co.* v. *Saratoga Springs*, 159 F. 453, 462–463, 187 O. G. 232. The circuit court of appeals thought that Bond did much more than discover a law of nature, since he made a new and different composition of non-inhibitive strains which contributed utility and economy to the manufacture and distribution of commercial inoculants. But we think that that aggregation of species fell short of invention within the meaning of the patent statutes.

[3] Discovery of the fact that certain strains of each species of these bacteria can be mixed without harmful effect to the properties of either is a discovery of their qualities of non-inhibition. It is no more than the discovery of some of the handiwork of nature and hence is not patentable. The aggregation of select strains of the several species into one product is an application of that newly-discovered natural principle. But however ingenious the discovery of that natural principle may have been, the application of it is hardly more than an advance in the packaging of the inoculants. Each of the species of root-nodule bacteria contained in the package infects the same group of leguminous plants which it always infected. No species acquires a different use. The combination of species produces no new bacteria, no change in the six species of bacteria, and no enlargement of the range of their utility. Each species has the same effect it always had. The bacteria perform in their natural way. Their use in combination does not improve in any way their natural functioning. They serve the ends nature originally provided and act quite independently of any effort of the patentee.

[4] There is, of course, an advantage in the combination. The farmer need not buy six different packages for six different crops. He can buy one package and use it for any or all of his crops of leguminous plants. And, as respondent says, the packages of mixed inoculants also hold advantages for the dealers and manufacturers by reducing inventory problems and the like. But a product must be more than new and useful to be patented; it must also satisfy the requirements of invention or discovery. *Cuno Engineering Corp.* v. *Automatic Devices Corp.*, 314 U. S. 84, 90, 91, 534 O. G. 699, and cases cited; 35 U. S. C. § 31, R. S. § 4886. The application of this newly-discovered natural principle to the problem of packaging of inoculants may well have been an important commercial advance. But once nature's secret of the non-inhibitive quality of certain strains of the species of Rhizobium was discovered, the state of the art made the production of a mixed inoculant a simple step. Even though it may have been the product of skill, it certainly was not the product of invention. There is no way in which we could call it such unless we borrowed invention from the discovery of the natural principle itself. That is to say, there is no invention here unless the discovery that certain strains of the several species of these bacteria are non-inhibitive and may thus be safely mixed is invention. But we cannot so hold without allowing a patent to issue on one of the ancient secrets of nature now disclosed. All that remains, therefore, are advantages of the mixed inoculants themselves. They are not enough.

[5] Since we conclude that the product claims do not disclose an invention or discovery within the meaning of the patent statutes, we do not consider whether the other statutory requirements contained in 35 U. S. C. § 31, R. S. § 4886, are satisfied.

REVERSED.

MR. JUSTICE FRANKFURTER (*concurring*):

My understanding of Bond's contribution is that prior to his attempts, packages of mixed cultures of inoculants presumably applicable to two or more different kinds of legumes had from time to time been prepared, but had met with indifferent success. The reasons for failure were not understood, but the authorities had concluded that in general pure culture inoculants were alone reliable because mixtures were ineffective due to the mutual inhibition of the combined strains of bacteria. Bond concluded that there might be special strains which lacked this mutual inhibition, or were at all events mutually compatible. Using techniques that had previously been developed to test efficiency in promoting nitrogen fixation of various bacterial strains, Bond tested such efficiency of various mixtures of strains. He confirmed his notion that some strains were mutually compatible by finding that mixtures of these compatible strains gave good nitrogen fixation in two or more different kinds of legumes, while other mixtures of certain other strains proved mutually incompatible.

If this is a correct analysis of Bond's endeavors two different claims of originality are involved: (1) the idea that there are compatible strains, and (2) the experimental demonstration that there were in fact some compatible strains. Insofar as the court below concluded that the packaging of a particular mixture of compatible strains is an invention and as such patentable, I agree, provided not only that a new and useful property results from their combination, but also that the particular strains are identifiable and adequately identified. I do not find that Bond's combination of strains satisfies these requirements. The strains by which Bond secured compatability are not identified and are identifiable only by their compatability.

Unless I misconceive the record, Bond makes no claim that Funk Brothers used the same combination of strains that he had found mutually compatible. He appears to claim that since he was the originator of the idea that there might be mutually compatible strains and had practically demonstrated that some such strains exist, everyone else is forbidden to use a combination of strains whether they are or are not identical with the combinations that Bond selected and packaged together. It was this claim that, as I understand it, the district court found not to be patentable, but which, if valid, had been infringed.

The circuit court of appeals defined the claims to "cover a composite culture in which are included a plurality of species of bacteria belonging to the general Rhizobium genus, carried in a conventional base." 161 F.2d 981, 983. But the phrase "the claims cover a composite culture" might mean "a particular composite culture" or "any composite culture." The circuit court of appeals seems to me to have proceeded on the assumption that only "a particular composite culture" was devised and patented by Bond, and then applies it to "any composite culture" arrived at by deletion of mutually inhibiting strains, but strains which may be quite different from Bond's composite culture.

The consequences of such a conclusion call for its rejection. Its acceptance would require, for instance in the field of alloys, that if one discovered a particular mixture of metals, which when alloyed had some particular desirable properties, he could patent not merely this particular mixture but the idea of alloying metals for this purpose, and thus exclude everyone else from contriving some other combination of metals which, when alloyed, had the same desirable properties. In patenting an alloy, I assume that both the qualities of the product and its specific composition would need to be specified. The strains that Bond put together in the product which he patented can be specified only by the properties of the mixture. The district court, while praising Bond's achievement, found want of patentability. The circuit court of appeals reversed the judgment of the district court by use of an undistributed middle—that the claims cover a "composite culture"—in the syllogism whereby they found patentability.

It only confuses the issue, however, to introduce such terms as "the work of nature" and the "laws of nature." For these are vague and malleable terms infected with too much ambiguity and equivocation. Everything that happens may be deemed "the work of nature," and any patentable composite exemplifies in its properties "the laws of nature." Arguments drawn from such terms for ascertaining patentability could fairly be employed to challenge almost every patent. On the other hand, the suggestion that "if there is to be invention from such a discovery it must come from the application of the law of nature to a new and useful end" may readily validate Bond's claim. Nor can it be contended that there was no invention because the composite has no new properties other than its ingredients in isolation. 'Bond's mixture does in fact have the new property of multi-service applicability. Multi-purpose tools, multivalent vaccines, vitamin complex composites, are examples of complexes whose sole new property is the conjunction of the properties of their components. Surely the Court does not mean unwittingly to pass on the patentability of such products by formulating criteria by which future issues of patentability may be prejudged. In finding Bond's patent invalid I have tried to avoid a formulation which, while it would in fact justify Bond's patent, would lay the basis for denying patentability to a large area within existing patent legislation.

MR. JUSTICE BURTON, with whom MR. JUSTICE JACKSON concurs (dissenting):

On the grounds stated by the circuit court of appeals the judgment should be affirmed.

When the patentee discovered the existence of certain strains of bacteria which, when combined with certain other strains of bacteria, would infect two or more leguminous plants without loss of their respective nitrogen-fixing efficiencies, and utilized this discovery by segregating some of these mutually non-inhibitive strains and combining such strains into composite inoculants, we agree with MR. JUSTICE FRANKFURTER that the combinations so produced satisfied the statutory requirements of invention or discovery.[5] These products were a prompt

[4] See note 3, supra.

[5] R. S. 4886, as amended, 46 Stat. 376; 53 Stat. 1212, 35 U. S. C. § 31.

and substantial commercial success, filling a long-sought and important agricultural need.

However, we do not agree that the patent issued for such products is invalid for want of a clear, concise description of how the combinations were made and used. The statutory requirement is that the inventor or discoverer—

"shall file in the Patent Office a written description of the same, and of the manner and process of making, constructing, compounding, and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art or science to which it appertains, or with which it is most nearly connected, to make, construct, compound, and use the same; and in case of a machine, he shall explain the principle thereof, and the best mode in which he has contemplated applying that principle, so as to distinguish it from other inventions; and he shall particularly point out and distinctly claim the part, improvement, or combination which he claims as his invention or discovery . . . No plant patent shall be declared invalid on the ground of noncompliance with this section if the description is made as complete as is reasonably possible." [*]

The completeness and character of the description must vary with the subject to be described. Machines lend themselves readily to descriptions in terms of mechanical principles and physical characteristics. On the other hand, it may be that a combination of strains of bacterial species, which strains are distinguished from one another and recognized in practice solely by their observed effects, can be definable reasonably only in terms of those effects. In the present case, the patentee has defined the combinations in terms of their mutually inhibiting and non-inhibiting effects upon their respective abilities to take free nitrogen from the air and place it in the soil. These combinations were discovered by observation of these effects—they are in practice identified by these effects for the commercial uses for which they are made. It is these effects that differentiate them from the other bacteria heretofore generally identified only as common members of the same species and not commercially valuable for use with leguminous plants of more than one of the groups named in the opinion of the Court. The identification of the strains stated in the patent is that which the patentee used in making the novel combinations of them that have been shown to be highly useful. There appears to be no question but that the petitioners are now able to identify and use the strains in the manner described in the patent. The record thus indicates that the description is sufficiently full, clear, concise and exact to enable persons skilled in the art or science to which this discovery appertains or with which it is most nearly connected to make, construct, compound and use the same. There is no suggestion as to how it would be reasonably possible to describe the patented product more completely. The patent covers all composite cultures of bacterial strains of the species described which do not inhibit each other's ability to fix nitrogen. Bacteriologists, skilled in the applicable art, will not have difficulty in selecting the non-inhibitive strains by employing such standard and recognized laboratory tests as are described in the application for this patent.

The statute itself shows that Congress has recognized the inherent difficulty presented. While this patent may not be technically a "plant patent" in the precise sense in which that term is used in this section, the references in the section to the differences in descriptions expected in mechanical patents and plant patents obviously support the position here taken. An inventor should not be denied a patent upon an otherwise patentable discovery merely because the nature of the discovery defies description in conventional terms. Terms ordinarily unsuitable to describe and distinguish products that are capable of description and distinction by their appearance may be the most appropriate in which to describe and distinguish other products that are not reasonably possible of identification by their appearance, but which are easily identified by their effects when being sought for or described by those skilled in the art.

[*] R. S. 4888, as amended, 38 Stat. 958–959; 46 Stat. 376, 35 U. S. C. § 33.

U. S. Court of Customs and Patent Appeals

IN RE LAMBERT

No. 5361. Decided January 6, 1948

[— F.2d —; 76 USPQ 310]

1. PATENTABILITY—OLD COMBINATION—IMPROVED ELEMENT.

It is well settled that the improvement of an old combination will not support the allowance of claims to the improved element in association with the old elements of the combination, unless the improved element coacts in a new way with those which are disclosed in the prior art. In order to justify the allowance of a combination claim, the operation of the old parts, as well as that of the improved part, must be modified as a result of the improvement.

2. SAME—SAME—CENTRIFUGAL GOVERNOR.

Certain claims to a centrifugal governor for controlling the speed of an electric motor *Held* properly rejected on the ground of old combination.

APPEAL from the Patent Office. Serial No. 482,502.

AFFIRMED.

Charles W. Parker, Max D. Farmer, and *Edwin B. Gary for Lambert.*

W. W. Cochran for the Commissioner of Patents.

HATFIELD, *J.:*

This is an appeal from the decision of the Board of Appeals of the United States Patent Office affirming the decision of the Primary Examiner rejecting all of the claims, Nos. 1 to 12, inclusive, in appellant's application for a patent for an alleged invention relating to a centrifugal governor for controlling the speed of an electric motor.

Claim 2 is representative of the appealed claims. It reads:

A centrifugal governor for controlling the speed of an electric motor of the type having a rotor shaft and an electric circuit controlling its operation, comprising the combination with said motor and circuit, of means formed for connection to said shaft to be driven therefrom and having a member rotated at a selected speed ratio to that of said shaft, a switch device mounted on said member for rotation therewith, said device having a closed generally spherical chamber with a peripheral wall not wet by mercury and eccentric to but facing the axis of rotation of said member, a conductor extending into said chamber and terminating therein in a generally ball-like head only partially filling said chamber, a second conductor in said chamber and having an exposed portion along the chamber wall and spaced in a radial direction in said chamber from said head, both of said conductors extending exteriorly of said chamber and being connected in series in said controlling circuit, a globule of liquid mercury within and only partially filling said chamber and of a size to assume a curved form that holds a substantial portion thereof, solely by its surface tension opposing gravity, away from, and against spreading along, that peripheral wall zone of said chamber against which said globule will be confined when said member is rotated, said conductors being electrically connected and disconnected within said chamber by said globule as the globule is flattened to different extents by the centrifugal and tangential forces created on the globule by its rotation with said member in opposition to its inherent surface tension, as the speed of rotation of said member varies on opposite sides of a critical speed.

The references relied upon are: Dean, 1,419,233, June 13, 1922; Lambert, 2,301,217, November 10, 1942.

Appellant's application discloses an electric motor which, as shown, is used for driving a calculating machine, although the claims are not limited to such use. The circuit of the motor is controlled by a rotary switch mechanism, which may be mounted directly on the motor shaft or may be driven by the shaft through change speed gearing. The switch mechanism includes a generally cylindrical, sealed glass housing having a post of glass or other insulating material extending axially within and spaced from the inner wall of the housing. Two electrical conductors are wound about the post in spaced relation to each other. The housing is positioned with its axis horizontal and a globule of mercury is located between the post and the side wall of the housing. The globule of mercury is of such size that it ordinarily bridges the gap between the conductors which are wound around the post and, since the conductors are included in the motor circuit, the mercury globule closes that circuit under normal operating conditions. The housing is mounted eccentrically and, when it is rotated by the motor, the centrifugal force acting on the mercury globule will tend to flatten it to an extent which is proportional to the speed of the motor. If the flattening becomes sufficiently great, the mercury will move entirely away from the conductors on the post, thus breaking the motor circuit, with the result that the motor slows down until the surface tension of the mercury causes it to resume its globular form and thus closes the circuit. The glass housing may, if desired, be substantially spherical instead of cylindrical.

Other modifications are disclosed involving the same general principle of controlling a motor circuit by the flattening of a mercury globule due to centrifugal force. In one of those modifications the flattening of the mercury globule under the action of centrifugal force causes it to close a circuit through two spaced contact members in the housing, and the closing of the circuit energizes a relay which opens the motor circuit.

The patent to Dean shows an electric motor. On the shaft of the motor is mounted a flywheel on which is mounted a weighted member carrying an electrical contact. When the speed of the motor reaches the predetermined limit this member flexes, due to centrifugal force, in such manner as to bring the contact into engagement with a fixed contact, thus closing the circuit of a relay which opens the motor circuit. This causes the motor to slow down, lessening the centrifugal force and permitting the contacts to separate, whereupon the relay circuit is opened and the relay closes the motor circuit.

Appellant's prior patent, granted on an application copending with the one here involved, discloses a centrifugally actuated mercury globule switch of the type shown in the application here involved.

The involved claims were held by both the Examiner and the Board to be drawn to a combination of a motor and a centrifugally actuated switch for governing the motor speed, which combination, it was held, is old, as disclosed in the patent to Dean.

It is evident that, in view of the disclosure in the Dean patent, there is nothing of patentable novelty in the claims apart from the specific structure of the switch mechanism. The introduction of change-speed gearing between this mechanism and the motor, as called for by some of the claims, is an obvious mechanical expedient. The claims involve merely a change or improvement in the centrifugally actuated switch mechanism disclosed in the patent to Dean.

[1] It is well settled that the improvement of one element of an old combination will not support the allowance of claims to the improved element in association with the old elements of the combination, unless the improved element coacts in a new way with those which are disclosed in the prior art. In order to justify the allowance of a combination claim, the operation of the old parts, as well as that of the improved part, must be modified as a result of the improvement. *Lincoln Engineering Co.* v. *Stewart-Warner Corp.*, 303 U. S. 545, 490 O. G. 8; *In re Allatt*, 28 CCPA (Patents) 1367, 121 F.2d 545, 50 USPQ 214, 532 O. G. 767; and *In re Pineo, deceased, American Cyanimid Co., assignee*, 33 CCPA (Patents) 1148, 156 F.2d 173, 70 USPQ 230, 591 O. G. 329, and authorities there cited.

The function of the switch called for by the appealed claims is the same as that of the switch of the Dean patent, namely, to effect the opening of the motor circuit when the motor exceeds a predetermined speed and to close the circuit when the speed of the motor falls below the predetermined speed. The operation of the motor is not modified by the particular form of the centrifugally actuated switch which opens and closes its circuit.

Counsel for appellant argues that appellant's switch is more sensitive and acts more quickly than that disclosed in the patent to Dean. It is stated by the patentee that his switch "responds very quickly to speed changes" and that there are "frequent cycles of speed retardation and speed acceleration at all times within very narrow limits, producing the desired effect of maintaining a very constant motor and therefore a very constant turn-table speed." The patentee Dean thus asserts that he obtains the same advantage claimed by appellant, and there are no affidavits or other factual evidence to show that appellant's device is superior in this respect to that of Dean.

Counsel for appellant also contends that the effect of inertia on the mercury globule, while the motor

is accelerating or decelerating quickens the response of the switch to the change in speed, and argues that there is a coaction between that circumstance and the fact that the switch controls the motor. However, the action of the mercury in response to acceleration or deceleration is the same regardless of the cause of the acceleration or deceleration. Accordingly, if the contentions of counsel for appellant are sound, they merely mean that appellant's switch is exceptionally sensitive to changes in speed. This is a desirable property in any speed-responsive switch, whether it controls a motor, a speed indicator, or any other device. The difference in sensitiveness, if there is such a difference, between appellant's device and that of the patentee Dean, is one of degree only and does not result in a new type of motor operation.

It is further argued by counsel for appellant that appellant's device has peculiar advantages in the operation of calculating machines. The appealed claims, however, are not limited to calculating machines, and claims cannot be allowed on the basis of limitations which they do not contain. Even if it be assumed that appellant's switch has a special coaction with a motor of a particular type or which is used for a particular purpose, this would not justify the allowance of claims which do not call for such type or purpose.

[2] The various arguments and authorities relied on by appellant have been carefully considered, but we are of opinion, for the reasons hereinbefore stated, that the rejection of the appealed claims, on the ground of old combination, was proper and should be sustained.

The Board of Appeals further rejected the claims on the ground of double patenting in view of appellant's patent but, in view of our conclusion that the claims are drawn to an old combination, it is unnecessary that we consider that issue.

We are of opinion that the Board of Appeals reached the right conclusion. Accordingly, the decision of the Board is affirmed.

AFFIRMED.

BLAND, *J.*, sat during the argument of this case, but resigned before the opinion was prepared.

U. S. Court of Customs and Patent Appeals

CHRISTIAN
v.
MULLER

MULLER
v.
CHRISTIAN

Nos. 5345 and 5346. Decided January 6, 1948

[— F.2d —; 76 USPQ 306]

1. INTERFERENCE—APPLICANT AND PATENT—RIGHT TO MAKE PATENT CLAIM—"TOTAL-TAKING CONTROL MEANS."

Where the claim originates in a patent and the term therein is not ambiguous, we cannot reasonably read limitations into it.

2. SAME—SAME—SAME—"INDEPENDENT DRIVING MECHANISM."

Where the Board of Interference Examiners held that because the counts at issue are, except for immaterial limitations, claims from the patent, and an examination of the patent shows clearly that the term "independent" is used in the sense of distinct or separate, and that applicant's means is not separate or distinct, *Held* that we find no error in its holding that applicant is not entitled to make those counts, and that priority thereof was properly awarded to the patentee.

APPEAL from the Patent Office. Interference No. 80,490.

AFFIRMED.

Clarence B. DesJardins (*George Ramsey* of counsel) for Christian.

Fidler and Crouse (*Charles M. Thomas*, *Raymond E. Fidler*, and *Carl W. Crouse* of counsel) for Muller.

JACKSON, *J.*:

These are cross appeals in an interference proceeding from a decision of the Board of Interference Examiners of the United States Patent Office awarding priority of invention to the party Christian with respect to counts 1, 2, and 3 and to the party Muller with respect to counts 4, 5 and 6.

The interference involves an application for a patent, Serial Number 653,838, filed January 27, 1933, by the senior party Christian and assigned to the National Cash Register Company and a patent of the junior party Muller, Number 2,288,916, dated July 7, 1942, on an application filed February 6, 1939, and said to be a continuation-in-part of an application filed February 17, 1936. The Burroughs Adding Machine Company is the assignee of the Muller patent.

The interference generally relates to calculating machines, particularly with reference to the carriage or paper holding equipment on a front-feed multiple-columnar tabulating machine.

The machines of the parties are designed to operate in sequence on a great number of successive ledger sheets in the usual columnar fashion and simultaneously to make a record of the entries in tabulated form. The machines operate with a minimum control by the operator and to this end the front-feed mechanism is power operated and controlled in such fashion that when the carriage carrying the platen, over which the paper extends, is moved to a desired position the depression of a certain key causes the platen to move from closed-feed printing position to an open front-feed position.

Counts 1 and 4 are illustrative of the involved subject matter and read as follows:

1. A front-feed machine of the class described having front-feed means for receiving and holding a work sheet in front-fed position, said front-feed means being movable from closed to open-throat condition and vice versa, columnar-printing control means for controlling the columnar printing on said work sheet, *total-taking control means, and power means under the joint control of said total-taking control means and said columnar-printing control means* acting automatically to move said front-feed means to open-throat condition during a total-taking cycle of operation and after the total has been taken and without requiring a change in the columnar setting of said columnar-printing control means. [Italics ours.]

4. In a front-feed machine of the class described adapted to be driven through cycles of operation, the combination of front-feed means for receiving and holding a work sheet in front-fed position, said front-feed means being movable from a closed to an open-throat condition and vice versa, an electric motor, *direct independent driving connections* between said motor and said front-feed means, and means controlling said driving connections operable to condition said driving connections to cause said front-feed means to be moved to open-throat condition by said motor. [Italics ours.]

The party Christian copied claims from the Muller patent in order to provoke an interference. After various proceedings, which are of no importance here, the Board awarded priority to the parties as aforesaid on the grounds that the party Christian could make counts 1, 2 and 3, and that he could not make counts 4, 5 and 6.

The Christian application discloses a National Cash Register Company calculating machine known as the "Ellis" type and the Muller patent discloses a Burroughs calculating machine of the "Moon-Hopkins" type.

The Christian machine comprises a key-board on which are carried the usual amount keys and control and function keys, including a number of totalizer keys. There is also an overdraft key and an overdraft indicator which may be seen by the operator and which indicates at all times whether the balance is in a plus or minus amount. Should the indicator show a minus balance, the overdraft key may be depressed by the operator thereby causing an overdraft printing in distinctive color to appear on the record sheet. When the key is depressed, certain mechanism operates through three separate and distinct cycles, in the first of which a totalizing operation occurs causing the complement of the overdraft to be temporarily transferred to a different mechanism thereby clearing the totalizer. The second cycle then occurs in which there is a subtraction operation and in the subsequent third cycle a final balance is printed on the record sheet. When the printing has been done the mechanism moves to rock the platen out of printing position and also moves the pressure rolls so as to provide an open throat for the front feeding of another sheet. After a fresh sheet has been inserted, the operator may put into motion the proper control to close the throat, throwing the platen back into printing position.

It may be noted that during the first two cycles, while the overdraft key is depressed, the printing mechanism does not operate. The first and third cycles are totalizing operations and the second cycle is a subtracting operation. It will be seen that depression of the overdraft key results in the printing of an overdraft balance, and subsequent to such printing the throat of the machine opens and the platen moves to a front feed position.

[1] It is the contention of the party Muller that the Christian overdraft key is not, as was held by the Board, a "total-taking control means" as called for in counts 1, 2 and 3. The depression of the overdraft key, for the reason that it controls the first cycle which prints a total and the third cycle in which the printing of the balance is done, may properly be designated as a total-taking control means even though the second cycle is a subtracting operation. The carriage control functions while the key is depressed, and necessarily there must, in our opinion, be a joint control of the total-taking control means and the columnar printing control means of the Christian machine. Even though the final balance may be minus, the fact that it is a debit rather than a credit does not, in our opinion, change the nature of the control. Counts 1, 2 and 3 define broadly a "total-taking control means," and we agree with the statement of the Board that "The term is not ambiguous and while it originates in a patent we cannot reasonably read limitations into it."

While it may be true, as contended by the party Muller, that the end carriage control of the Christian apparatus will function after any operation as long as the carriage is in the balance columnar position, there is no limitation in counts 1, 2 and 3 which limits such control to any particular operation.

Since it is clear to us that the overdraft key of the Christian machine when broadly considered is a total-controlling means, we are of opinion that the contention of the party Muller, that the final operation is not under the joint control of the totalizer and columnar printing-control means, as heretofore noted is not well taken. It appears to us that because the third cycle of the overdraft operation is controlled by Christian's overdraft key, and because the throat opening means is power operated and controlled within that cycle, the overdraft key should properly be held to control the power means for opening the front feed means.

[2] Counts 4, 5 and 6 call for "direct independent driving" means connecting the driving motor with the front feed mechanism. In the Muller apparatus the machine power is transmitted from the driving motor through the motor shaft, the clutch control, and suitable gearing and linkage to the means which controls the platen feed mechanism. There is no inclusion in that connection of any other functional mechanism and the connection will not of itself cause the machine to cycle.

In the Christian machine the connecting mechanism between the driving motor and the platen-rocking device includes the printer shaft. It is contended by the party Muller that the driving connections in the Christian machine between the motor and the front feed means are neither independent nor direct as defined in counts 4, 5 and 6.

With respect to those counts, the Examiner held that they may be construed to read upon the Christian disclosure as having "direct independent driving connections." In the opinion of the Examiner the word "independent" is not of necessity confined to the structure of the Muller device, but could well be disclosed in a structure "where the drive is independent part of the way." For that reason the Primary Examiner held that the party Christian could make counts 4, 5 and 6.

The Board did not agree with the reasoning or holding of the Examiner on those counts and in this connection stated as follows:

We do not concur in this view as to the significance of the term "independent" in a situation such as that at

bar. In particular, a structure in which "the drive is independent part of the way," or in other words, where it has some dependency cannot, it seems to us, at the same time be held to be independent. The two positions are incompatible. The counts at issue are, except for immaterial limitations, claims from the Muller patent and an examination of the patent is believed to show clearly the meaning in which the term is used. In the patent, it is used in the sense of distinct or separate. The Christian interlinking mechanism, having within itself as one of the necessary power conveying elements, the printer shaft 143, cannot be considered independent of the printer mechanism.

As to the term "direct" occurring in the three counts we believe that Christian is clearly entitled to this expression, at least to the same extent as Muller. In neither machine is the connection between motor and feed mechanism strictly "direct," since it is through devious intermediate linkages, but to the extent that connecting mechanism of Muller with its levers, gears, etc., is direct, we feel that the mechanism of Christian is no less so.

In view of the above analysis, it is our opinion that the party Christian cannot make counts 4, 5 and 6 because his interconnecting means is not separate and distinct or "independent" from all other functional parts of the machine.

We do not think it would serve any useful purpose, in view of our agreement with the reasoning of the Board with respect to the significance attaching to the term "independent," to reiterate its reasoning in other language and thus unnecessarily lengthen this opinion. It suffices to say that we agree with the reasoning of the Board as to claims 4, 5 and 6, and find no error in its holding that the party Christian is not entitled to make those counts and that priority of the invention of the subject matter thereof was properly awarded to the party Muller.

For the reasons set forth herein, the decision of the Board of Interference Examiners is affirmed.

AFFIRMED.

BLAND, *J.*, sat during the argument of this case, but resigned before the opinion was prepared.

PATENT SUITS

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,712,994, R. A. Heising, Oscillation production, D. C., N. D. Ill., E. Div., Doc. 46c840, *Western Electric Co., Inc.*, v. *H. G. Fischer & Co., Inc.* Dismissed Feb. 16, 1948.

1,719,101, 1,769,943, 1,787,145, L. B. Conant, Process of vulcanizing rubber to leather, D. C., N. D. N. Y., Doc. 1840, *Standard Patent Process Corp.* v. *Endicott-Johnson Corp.* Complaint dismissed Feb. 7, 1948.

1,749,504, C. L. Pelton, Aerial distribution of materials; 2,056,296, M. S. Robertson, Means for applying spray material; 2,090,950, same, Spray apparatus, D. C., E. D. Wash., S. Div., Doc. 302, *Independent Crop Dusting, Inc.*, v. *Central Aircraft, Inc., et al.* Consent judgment holding patents valid and restraining defendant from further infringement Feb. 9, 1948.

1,769,943. (See 1,719,101.)

1,781,296, A. Milhomme, Method of treating textile fabrics, D. C., S. D. N. Y., Doc. 7/214, *Progressive Silk Finishing Co.* v. *Norman Finishing Co., Inc., et al.* Consent order of discontinuance as to Norman Finishing Co., Inc., and P. B. Fiory, Mar. 31, 1941; order dismissing cause for lack of prosecution as to remaining defendants Feb. 17, 1948.

1,787,145. (See 1,719,101.)

1,879,918, J. W. Steele, Collar stiffener and reenforcing means, filed Feb. 13, 1948, D. C., W. D. Mo. (Kansas City), Doc. 5001, *Loroco Industries, Inc.*, v. *J. W. Steele & Co.*

2,019,865, M. Luther et al., Production of lacquer bases; Re. 22,124, C. Ellis, Urea resins and acid treatment thereof, filed Feb. 11, 1948, D. C., E. D. Mich., S. Div., Doc. 7169, *Libbey-Owens-Ford Glass Co.* v. *Reichhold Chemicals, Inc.*

2,056,296. (See 1,749,504.) 2,090,950. (See 1,749,504.)

2,099,973, L. M. de Corlieu, Life saving and swimming propelling device; 2,321,009, O. P. Churchill, Swim fin, filed Feb. 12, 1948, D. C., S. D. Calif. (Los Angeles), Doc. 7978–PH, *O. P. Churchill* v. *A. H. Brown et al.*

2,192,446, 2,422,914, H. Lehde, Garment trimming machine, filed Feb. 10, 1948, D. C., S. D. N. Y., Doc. 44/744, *S. Shefsky* v. *Monsew Corp.*

2,261,588, 2,364,093, 2,364,647, J. B. O'Connor, Chair construction, filed Feb. 16, 1948, D. C. N. J. (Newark), Doc. 11064, *Lyon Metal Products* v. *Aero Metalcraft Corp. et al.*

2,265,920, J. A. Maize, Method and apparatus for permanent hair waving, D. C. Utah (Salt Lake City), Doc. 1352, *Tel-O-Wave, Inc.*, v. *Andre, Inc., et al.* Claim 9 held not infringed, complaint and counterclaim dismissed (notice Feb. 2, 1948).

2,321,009. (See 2,099,973.)

2,338,968, Robinson & Challis, Display stand, filed Feb. 18, 1948, D. C. Conn. (New Haven), Doc. 2283, *American Manufacturing Co.* v. *The Verplex Co.*

2,349,316, N. H. Volle, Thrombokinase, filed Feb. 5, 1948, D. C., E. D. Mich., S. Div., Doc. 7157, *The Kroger Co.* v. *Difco Laboratories, Inc.*

2,351,003, Camras & Korson, Recording and reproducing of vibrations; 2,351,004, M. Camras, Method and means of magnetic recording; 2,351,006, 2,351,007, same, Magnetic recording head; 2,372,810, same, Constant speed drive for magnetic recorder, filed Nov. 6, 1947, D. C., N. D. Ohio, E. Div., Doc. 25257, *Armour Research Foundation of Illinois Institute of Technology* v. *The Brush Development Co.*

2,351,004. (See 2,351,003.) 2,351,006. (See 2,351,003.)

2,351,007. (See 2,351,003.) 2,364,093. (See 2,261,588.)

2,364,647. (See 2,261,588.) 2,372,810. (See 2,351,003.)

2,378,661. (See Re. 22,956.)

2,422,914. (See 2,192,446.)

2,431,238, T. Friedman, Process of locking a flat member to a body, filed Feb. 11, 1948, D. C., S. D. N. Y., Doc. 44/749, *American Strainer Corp. et al.* v. *Metro Plastics, Inc., et al.*

2,431,928, A. J. Garreau, Apparatus for forming wire coil, filed Feb. 5, 1948, D. C. Conn. (New Haven), Doc. 2271, *A. J. Garreau* v. *F. L. Genua.*

2,435,682, C. A. Getz, Aeration of butter fat containing liquids, filed Feb. 10, 1948, D. C., W. D. N. Y., Doc. 3697, *Aeration Processes, Inc.*, v. *Deco Restaurants, Inc.* Same, Doc. 5763, *Aeration Processes, Inc.*, v. *Gasen's Drug Stores, Inc.*

Re. 22,124. (See 2,019,865.)

Re. 22,956 (of 2,378,661), J. Salzer, Apparatus for rolling radiator core elements, filed Feb. 6, 1948, D. C., S. D. Tex. (Houston), Doc. 22956, *P. R. Daniel et al.* v. *O. & M. Mfg. Co. et al.*

Des. 148,125, K. C. Augenstein, Bracelet, filed Feb. 3, 1948, D. C. R. I. (Providence), Doc. 857, *Speidel Corp.* v. *Acco Mfg. Co., Inc.* Same, filed Feb. 4, 1948, D. C. R. I., Doc. 858, *Speidel Corp.* v. *S. Rapaporte & Co. et al.*

T. M. 314,493, J. L. Younghusband, Lipsticks and rouge; T. M. 407,797, Associated Distributors, Lipstick, rouge, deodorant, etc.; T. M. 408,529, same, Toilet soap; T. M. 426,323, Consolidated Cosmetics, Perfume, lipstick, face powder, etc.; T. M. 334,173, Savage, Inc., Lipstick, rouge, face powder, etc., D. C., N. D. Ill., E. Div., Doc. 48c81, *Consolidated Cosmetics* v. *G. L. Max.* Defendant enjoined and restrained from infringing plaintiff's trade-marks Feb. 10, 1948.

T. M. 334,173. (See T. M. 314,493.)

T. M. 383,859, Stock-Gro, Inc., Condensed whey for poultry and stock feeding, filed Dec. 19, 1947, D. C. Utah, N. Div., Doc. 1395, *Stock-Gro, Inc.*, v. *Cache Valley Dairy Ass'n.*

T. M. 407,797. (See T. M. 314,493.)

T. M. 408,529. (See T. M. 314,493.)

T. M. 426,323. (See T. M. 314,493.)

NOTICES

Adjudicated Patents

(C. C. A. Ohio) Pennington patent, No. 2,009,677, for a shock absorber, claim 37 *Held* invalid and not infringed, *Pennington Engineering Co.* v. *Spicer Mfg. Corp.*, 165 F.2d 59; 76 USPQ 1.

(C. C. A. N. Y.) Gelardin patent, No. 2,318,152, for a cosmetic holder, *Held* invalid. *Gelardin* v. *Revlon Products Corp.*, 164 F.2d 910; 76 USPQ 154.

Adverse Decisions in Interferences

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 2,317,357, L. G. S. Brooker and H. W. J. Cressman, Dye intermediates, decided Jan. 2, 1948, claims 5 and 9.

Pat. 2,330,203, L. G. S. Brooker and W. W. Williams, Dye intermediates, decided Jan. 2, 1948, claim 8.

Pat. 2,379,368, M. P. Matuszak, Hydrocarbon alkylation process, decided Dec. 22, 1947, claims 1 and 2.

Disclaimers

2,400,636.—*Oscar Fregeolle*, Central Falls, R. I. NEEDLE LEVELER AND LATCH OPENER. Patent dated May 21, 1946. Disclaimer filed Feb. 13, 1948, by the assignee, *Hemphill Company.*

Hereby enters this disclaimer to claims 2, 3, 4, and 5 of said patent.

2,404,181.—*William Klocke*, Woodhaven, N. Y. MECHANICAL DRAWING PRESS. Patent dated July 16, 1946. Disclaimer filed Feb. 17, 1948, by the inventor.

Hereby enters this disclaimer from claim 1, of any arrangement of the link connected to the slide which does not extend upwardly from the bell-crank.

REGISTER OF PATENTS AVAILABLE FOR LICENSING OR SALE

(The "Groups" appearing after the patent abstracts are based on the Standard Industrial Classification Manual, Vol. I, Manufacturing Industries, Executive Office of the President, Bureau of the Budget)

The Procter & Gamble Company hereby grants a free, irrevocable, and unlimited license to bakers and the general public of the United States and its possessions to practice the processes set forth in the patents listed below (Reg. Nos. 9,357 to 9,369 inclusive) for the manufacture of the baked goods therein described and claimed, in their own plants or homes and for their own use, and to use and sell the said baked goods. No rights are herein granted to have shortenings containing improving agents made for licensees, nor to sell such shortenings under any claims of said Letters Patent claiming such shortenings, nor are any rights herein granted under any other Letters Patent now or hereafter owned by The Procter & Gamble Company, excepting such rights as may be necessary to effectuate the license hereinabove granted. Detailed information concerning the patents may be obtained from W. P. Bell, Patent Department, The Procter & Gamble Company, M. A. & R. Bldg., Ivorydale, Cincinnati 17, Ohio.

Pat. 1,971,886. PROCESS OF MAKING CAKE AND THE RESULTING PRODUCT. Patented Aug. 28, 1934. There is a tendency for cakes of the white layer type to fall as the proportion of sugar to flour and liquid ingredients is increased. The sugar-carrying capacity of this type of cake is specifically increased by the addition of 0.1–0.3% of lecithin to the batter. The cake produced has improved appearance and eating quality by reason of its uniformly light and tender texture. Group 20—51—92. Reg. No. 9,357.

Pat. 2,024,357. METHOD OF MAKING CAKE. Patented Dec. 17, 1935. If a small proportion of a hydrophilic lipin is incorporated in the shortening added to the batter of the yellow cake type, a smoother batter is obtained. Greater quantities of sugar may be used without increasing the amount of yolk material in the batter. The substance may be added to the shortening at any time, the proportion ranging from 1 to 5%. Cake made with the improved shortening has a better grain and enhanced keeping qualities. Group 20—51—92. Reg. No. 9,358.

Pat. 2,061,121. BAKED GOODS AND PROCESS OF MAKING SAME. Patented Nov. 17, 1936. A cake of light texture and increased volume results if 2–10% of the shortening used is replaced by a free fatty acid of edible grade (such as that derived from hydrogenated cottonseed oil or 66 iodine value). The free fatty acid may be incorporated at any point in the mixing procedure. Group 20—51—92. Reg. No. 9,359.

Pat. 2,123,880. COMPOSITIONS OF MATTER. Patented July 19, 1938. Sugar-carrying capacities of cakes made with the use of shortening show improvement in volume and texture by incorporation of a small quantity of soap in the batter (equal to about .025% of the weight of the total cake batter). Soaps used are obtained from strictly edible fats or oils having a low congealing point. Group 20—51—92. Reg. No. 9,360.

Pat. 2,132,396. BAKED GOODS AND METHOD OF MAKING SAME. Patented Oct. 11, 1938. Group 20—51—92. Reg. No. 9,361.

Pat. 2,132,397. BAKED GOODS AND PROCESS OF MAKING SAME. Patented Oct. 11, 1938. Group 20—51—92. Reg. No. 9,362.

Pat. 2,132,700. METHOD OF PREPARING YEAST RAISED DOUGHS. Patented Oct. 11, 1938. Group 20—51—92. Reg. No. 9,363.

Pat. 2,132,701. SHORTENING AND METHOD OF BAKING THEREWITH. Patented Oct. 11, 1938. Group 20—51—92. Reg. No. 9,364.

In these four patents, a superglycerinated fat, incorporated in cake batter as a substitute for the usual shortening, acts as a shrinkage reducer for cakes having a high ratio of sugar to flour. Cakes utilizing the usual shortening and the same proportion of ingredients are denser and less palatable. In Patent 2,132,396 the shrinkage reducer is a mixture of monoglycerides and diglycerides of higher fatty acids; in Patent 2,132,397 a shortening blended of 98% partially hydrogenated cottonseed oil (or a like triglyceride mixture) and 2% of esters similar to monoglyceride is used. Patents 2,132,700 and 2,132,701 are somewhat similar except that the former patent pertains mainly to bread and sweet doughs having increased tenderness.

Pat. 2,132,416. SHORTENING MATERIAL AND CAKE MADE THEREFROM. Patented Oct. 11, 1938. Group 20—51—92. Reg. No. 9,365.

Pat. 2,132,687. SHORTENING MATERIAL AND CAKE MADE THEREFROM. Patented Oct. 11, 1938. Group 20—51—92. Reg. No. 9,366.

Staling of baked products is retarded, according to these two patents, by increased moisture and better emulsifications made possible by the addition of 1–2% monostearin or a like hydrophilic lipin to partially hydrogenated cottonseed oil or a similar shortening.

Pat. 2,132,417. CAKE. Patented Oct. 11, 1938. If a fatty acid ester of a polyglycerol containing free hydroxyl groups and also monoglyceride are added to cake batter, a larger proportion of moisture (in the form of milk or whole eggs) may be used without the addition of more yolk material. The proportion of sugar to flour may also be increased without disturbing the cake structure. The final baked product has improved texture and keeps long. Group 20—51—92. Reg. No. 9,367.

Pat. 2,132,430. FOOD MATERIAL AND METHOD OF MAKING SAME. Patented Oct. 11, 1938. This patent refers to the preparation of several cake compositions which include ingredients and a hydrophilic lipin coated baking powder or a like leavening agent in dry form. Group 20—51—92. Reg. No. 9,368.

Pat. 2,158,775. CAKE BATTER AND SHORTENING FOR MAKING CAKE. Patented May 16, 1939. Sulphated monoolein distearate or a like sulphated triglyceride is featured in this patent as an improving agent which may be incorporated with shortening and flour, etc., to produce a superior bakery product having improved grain, color and texture. Group 20—51—92. Reg. No. 9,369.

Pat. 2,401,177. DISPLAY CARD. Patented May 28, 1946. Display card on which price and other indicia may be inscribed is designed to be attached to boxes, cans, or other containers so that it will stand out rigidly from one side. It may also be attached to the usual price-card-retaining strips of shelves. An adhesive strip is secured along the left vertical edge of card so that about half its width extends beyond such edge to provide a tacky flange. Top edge of card is slit inwardly to form two tabs with scoring to facilitate folding of tab on the left. The tacky flange is transversely severed opposite scoring where tab folds. To attach card to a box, tacky flange below severed part is pressed vertically against side of box and card swung angularly outwardly. Tab is then folded rearwardly at right angles to card, and tacky flange on end of tab pressed against box. When attaching card to a retaining strip, the folded tab is inserted within retaining groove of strip. The cards are supplied in pads being held together by the tacky flanges. (Owner) Claude Newman, 1726 S. 27th St., Lincoln, Nebr. Groups 26—91; 39—93; 40. Reg. No. 9,370.

Pat. 2,428,194. AIRCRAFT CONTROL. Patented Sept. 30, 1947. This patent provides pitch-control and lift-increasing structure for aircraft. Generally described, high-lift flaps, corresponding to the elevator surfaces of conventional craft, and an airfoil, which acts as a pitch-control surface, are hingedly associated with the main wing. The pitch-control surface is placed forward of the center of gravity of the aircraft and is automatically and simultaneously movable with the high-lift flaps by spring-urged linkage connected to the dashpot of the craft. In response to variations in aerodynamic pressure the surfaces automatically maintain the craft in trim without requiring the special attention of the pilot or disturbing the usual manual control required. The structure is not limited to the tailless pusher type craft illustrated. (Owner) George E. Bockrath, 4317 Maury Ave., Long Beach 7, Calif. Group 37—22. Reg. No. 9,371.

Pat. 2,342,697. STEERING MECHANISM FOR TRAILERS. Patented Feb. 29, 1944. This patent shows steering mechanism for tandem rear wheels of a trailer of the heavy-duty type which has its front end pivotally connected to a tractor by mechanism including what is commonly known as a "fifth wheel." The steering mechanism is actuated in response to normal turning movements of the tractor to negotiate sharp turns and permit maneuvering in restricted areas. During steering movements the rear trailer wheels are pivotally deflected through a greater steering angle than the front wheels, and the wheels on the inside of a curve are deflected at a greater angle than the outside wheels. The steering mechanism also includes "throw out" mechanism which automatically functions to prevent the transmission of steering movements to the trailer wheels after the tractor assumes an angular position beyond that of natural turning, such as when backing or jackknifing the tractor. The steering mechanism is designed to permit each of the tandem axles to be independently connected to the trailer frame by springs. The springs may be mounted in any suitable fashion without interfering with steering movements. (Owner) Charles Runyan, The Charles Runyan Garage, Great Meadows, N. J. Groups 35—63; 38—11. Reg. No. 9,372.

Pat. 2,383,216. TRAILER VEHICLE. Patented Aug. 21, 1945. This patent shows steering mechanism for self-supporting farm trailers of the type having a pair of pivoted front and rear wheels and a tongue for detachably connecting trailer to a tractor. During steering, the rear trailer wheels are deflected in a direction opposite from that of the front trailer wheels, to permit extremely sharp turns even with a trailer having a long wheel base. The trailer may be either automatically steered in response to movements of the tractor, or manually steered independently of movements of the tractor. The trailer is equipped with control levers and a steering wheel, all in convenient reach of the tractor operator. These levers are used to adjust the steering mechanism for either automatic or manual operation. When maneuvering in restricted areas, especially when backing, the tractor operator may, after manipulating the levers, use the trailer steering wheel to steer the rear trailer wheels only, or, if desired, steer both front and rear wheels together. When maneuvering in extremely restricted areas, as when backing into a shed, a helper may stand alongside the trailer near the rear end and independently steer the rear wheels by using a detachable bar to actuate the rear wheel steering mechanism. (Owner) Charles Runyan, The Charles Runyan Garage, Great Meadows, N. J. Groups 35—22; 37—99. Reg. No. 9,373.

Pat. 2,410,331. FISHING ROD AND REEL. Patented Oct. 29, 1946. Rod comprises two separable half sections and is provided with sheave-carried pulleys for passing a line. The reel, which is recessed in the handle and has inner and outer handle grips on its rear and forward side, may be held against rotation by diametrically opposite leaf-spring guards controlled by a sliding and locking button in the forward handle grip. The line is carried through a flattened tubular passage in the underside of the forward handgrip so that the possibility of a slack line jumping the reel is prevented. The rod and reel are intended for deep-water trolling and include several features such as a measuring gauge to indicate the amount of line payed out, a scale arrangement to determine the weight of the pull on the hook, etc. The reel is capable of handling from 500 to 1000 feet of metallic line. (Owner) O. J. Aubertin, P. O. Box 18, Matachewan, Ontario, Canada. Group 39—49. Reg. No. 9,374.

Pat. 2,431,480. LOCK WASHER. Patented Nov. 25, 1947. Lock washer may be used with screw plugs, caps or the like which are screwed into sockets of vibrating structures such as lubricant chambers of locomotives. Washer is a flat sheet metal plate having a pair of triangularly shaped and rearwardly bent wings between which a laterally extending tongue is formed. When a flanged plug or cap equipped with the washer is tightly screwed into a socket of a lubricant chamber, the wings embrace the opposed outer flat surface of the socket and prevent rotation of the washer. The tongue is then bent forwardly and downwardly so that its edge coacts with the wrench-engaging surface of the plug to prevent rotation of the plug. (Owner) Denis V. Hornsby, 1317 Briarwood Ave., Columbus 11, Ohio. Group 33—91. Reg. No. 9,375.

Pat. 2,431,299. AUTOMATIC PLUG VALVE LUBRICATOR. Patented Nov. 18, 1947. This patent relates to rotary plug valves of the type wherein a lubricant feed screw is movable axially in the stem of the plug to force a lubricant between the coacting surfaces of the plug and casing to insure free turning and minimum wear. The valve is provided with an attachment which automatically turns the screw to force it inwardly when the valve is opened and closed. The attachment includes a socket wrench of the reversible type. A rotatable ratchet ring in the head of the wrench is provided with an elongated upstanding wrench socket which surrounds and engages the head of the screw to turn it. The wrench may be adjusted to reverse the direction of the ratchet ring to move the screw either inwardly or outwardly upon opening and closing of the valve. (Owner) William A. Pochek, 604A Veronica Ave., East St. Louis, Ill., and R. R. 1, Caseyville, Ill. Groups 33—61; 35—69. Reg. No. 9,376.

Pat. 2,420,197. SYSTEM FOR SUPERVISING THE TAKING OF MOVING PICTURES. Patented May 6, 1947. This system for controlling and supervising the taking of moving pictures utilizes a combined motion picture and television camera cooperating with a remotely placed television picture reproducer and screen. Thus the picture is shown, during the taking process, under conditions similar to the later theater showing, and the director, producer, and head cameraman are enabled to supervise and remotely control the taking of the picture. The scene can be explored and controlled in any manner, such as viewing angle, close-up or long-range shot, focus, etc., avoiding costly misjudgments, retakes, and waste of personnel, time and film. Means are provided for a universal remote control of the camera. Parallax is compensated automatically in a purely electrical manner. (Owner) Adolph H. Rosenthal, 230 Central Park West, Apt. 10B, New York 24, N. Y. Groups 36—61; 39—12. Reg. No. 9,377.

Pat. 2,418,948. CALCULATING DEVICE. Patented Apr. 15, 1947. Pocket-size calculating device may be used for addition, measuring lengths, and similar purposes. The device comprises a pair of telescoping casings, one of which is indexed. The casings house a roller carrying a spring-biased retractable tape which may be unwound for selected lengths. The tape has a series of perforations which are engaged by a spring catch actuated by any one of a series of offset selector keys which bear numerals or like insignia. The tape is prevented from returning to its former position until released, and is wound or unwound on its roller by a winding crank. A pencil end may be carried on one end of the device. Several modifications are shown. (Owner) Carl L. Ludwig, 6314 S. Overhill Drive, Los Angeles 43, Calif. Groups 35—65; 39—11—51; 40. Reg. No. 9,378.

Pat. 2,431,582. ELECTRIC PRESSURE POT AND AUTOMATIC COOKER. Patented Nov. 25, 1947. This electric cooker has insulated hollow walls of metal which house an inner ceramic section wound with heating coils. A cover, likewise insulated, is fitted with a safety valve. Mounted on the outer wall of the cooker are a pressure valve and a heat control which may be set for heating soups, vegetables, meats, etc., at high, low, or medium heat. A rheostat control is provided, which shuts off automatically when set heat and pressure are reached. The cooker is economic in use and may be employed as a hot plate, automatic pressure cooker, electric broiler, or fireless cooker. By reason of its insulation, the outside of the cooker remains cool. The device may be manufactured to hold any standard-size pressure cooker. (Owner) Irving Page, 509 W. 174th St., New York 33, N. Y. Group 36—21. Reg. No. 9,379.

Pat. 2,428,508. TOOLHOLDER APPLIANCE FOR LATHES. Patented Oct. 7, 1947. This appliance includes a fixed capstan with teeth around its entire edge and a detachable toolholder having interior teeth which mesh with those of the capstan. The appliance is held to the lathe by a pair of retractable jaws mounted on a shaft fitted with a crank handle. Each of the jaws ends in a boss which fits a slot of corresponding shape in the toolholder. The jaws press the capstan and toolholder together, keeping the latter in position. The toolholder may be brought into varying angular positions in relation to the capstan, and tools easily replaced or interchanged. (Owners) Jacques Edouard Weigle and Jean Minder. Address correspondence to K. A. Mayr, 21 E. 40th St., New York 16, N. Y. Group 35—43. Reg. No. 9,380.

Pat. 2,431,118. IMPLEMENT HOLDER. Patented Nov. 18, 1947. A holder for rigidly supporting screwdrivers, files, putty knives, thin cutter blades, etc., designed to fit the holder. The holder is made up of a tubular handle having a tightly fitting removable plug at one end and a sleeve with a threaded bore, the sleeve telescoping within the handle at the opposite end. A springed plunger is screwed within the sleeve. By pressing the sleeve inwardly a hook at the end of the plunger is projected through a bore in the plug to permit attachment of a desired implement. When released, the spring forces the sleeve outwardly to draw the hook in a groove at the end of the plug. The blade is locked into position by turning the sleeve until it abuts the handle. (Owner) George P. Heigle, 612 Massachusetts Ave., Boston, Mass. Groups 33—52; 39—81; 40. Reg. No. 9,381.

Pat. 2,430,883. CUTTER. Patented Nov. 18, 1947. (Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757.) A removable cutter assembly for refacing the corroded edges of handhole openings in the wall of a boiler header containing superheater tubes. The cutter assembly consists of a base and plate which are adjustably engageable with the opening of a boiler header wall. The plate carries a cam having a face approximating the shape of the opening. A shank equipped with a rotary cutter is adjustable in a cross head which cooperates with the cam. In operation the shank is

adjusted vertically in the cross head so that the teeth on the cutter engage the corroded portion of the handhole. A conventional power drive is applied to a fitting in the shank to operate the cutter. Rotation of the cross head (by handle means) enables the shank portion of the cutter assembly to follow the edge of the cam. The cam, being of the same shape as the handhole, effects the refacing operation. (Owner) Emil R. Miller, 862 N. 26th St., Lincoln 3, Nebr. Group 35—43. Reg. No. 9,382.

Pat. 2,433,203. VACUUM PRODUCING MASSAGE DEVICE. Patented Dec. 23, 1947. Electrical device for massaging the skin and removing blackheads. The device consists of a cylindrical casing housing a reciprocating piston controlled by a switching mechanism of the flasher type which incorporates a solenoid. Intermittent energization of the solenoid moves a piston longitudinally within the casing creating a vacuum. The piston is returned to its normal position by a spring arrangement. A flexible tube connected to the device has a suitable massaging or applicator head on its free end. (Owner) Clarence N. Debaugh, 400 Allegheny Ave., Towson 4, Md. Groups 36—21; 39—91. Reg. No. 9,383.

The American Cyanamid Company, 1937 W. Main St., Stamford, Conn., will issue non-transferable, non-exclusive licenses to practice the methods, with material from any source, at a reasonable royalty rate, of the two following patents:

Pat. 2,341,867. TREATMENT OF PLANT BUDS. Patented Feb. 15, 1944. Group 28—33—71—89. Reg. No. 9,384.

Pat. 2,341,868. TREATMENT OF STORAGE ORGANS. Patented Feb. 15, 1944. Group 28—33—71—89. Reg. No. 9,385.

These two patents relate to chemical compounds which are used to temporarily retard plant growth. Patent 2,341,867 is particularly adapted to extend the dormant or rest period of fruit trees by preventing premature development of buds. The compound used is naphthaleneacetic acid (alpha or beta) in an alcohol solution. The compound may be sprayed or dusted, the treatment lasting from one to two weeks, after which, if danger of frost is not over, the treatment may be repeated. Patent 2,341,868 is a somewhat similar compound and is used to delay the sprouting of bulbs, roots, tubers, etc., while in storage or transit. Tulip bulbs, potatoes, beets, nursery stock, etc., to be treated are loosely packed in an enclosure (for example, a storage room or cellar) or in a container (such as a box or bag) and the space permeated with the compound in vapor form. Depending on the strength of the compound used, the treatment may last from one to six months. Numerous methods of applying the compound are given in the patent.

Pat. 2,432,648. HOSE PROTECTOR. Patented Dec. 16, 1947. Protector made of rubber or other waterproof material prevents back of hose from becoming soiled when wearer is walking on wet or slushy surfaces. It is substantially U-shaped in cross section so that it will cover only the back of hose and leave front exposed. Two identical sections connected by a sipper are shaped to fit neatly around the top of a shoe heel and the lower rear portion of a person's leg. A fixed loop strap fits around shoe directly in front of heel, and adjustable straps fit around front of leg. When properly adjusted, the protector may be slipped off and on by manipulating the sipper without disturbing the straps. A pair of protectors may be folded, slipped into a small case, and carried in handbag. (Owner) Gretchen Beckwith, 520 Broadway, Clarksburg, W. Va. Groups 30—21; 31—41; 39—81; 40. Reg. No. 9,386.

Patents Dedicated to the Public

The following patents held by Selenium Corporation of America and Tellurium Corporation of America, an affiliated company, of 2160 East Imperial Highway, El Segundo, Calif., have been dedicated to the people of the United States of America by instruments recorded in the United States Patent Office. The instruments read in part as follows:

"• • • hereby assign, transfer and dedicate to the people of the United States of America all its rights, title and interest in, to and under the said Letters Patent for their free use thereof throughout the United States, its territories and possessions for the full term thereof."

Pat. 2,414,233. PHOTOELECTRIC CELL. Patented Jan. 14, 1947. This patent provides a method for the manufacture of photoelectric cells of the barrier- or blocking-layer type which possess uniform characteristics, a result not always possible by previous methods. A selenium coating is applied to an iron disc or base by conventional methods, after which follows a sputtered-on, semi-transparent layer of selenium and selenium oxides, a similar layer of cadmium and cadmium oxides, and a top layer comprised of a homogeneous mixture of platinum and gold. Modification shown. Group 36—62.

Pat. 2,418,516. AMPLIFIER. Patented Apr. 8, 1947. A dry type element such as a selenium-coated plate is utilized in this amplifier. The inherent characteristics of this type of element permit the construction of compact and light-weight amplifiers which require little associated apparatus and are capable of large current output. For example, an element of 10 amperes capacity weighs less than 2 ounces, compared to a saturated current reactor of similar capacity which weighs about 4 pounds. The selenium coating is also unaffected by temperature changes. The amplifier is thus adapted to hearing aids, aircraft apparatus, etc. Group 36—61—99.

Pat. 2,430,350. RECTIFIER. Patented Nov. 4, 1947. The usual dry-plate rectifier is formed of alternate metal layers (which constitute electrodes) between which is interposed a rectifying layer of selenium (or a like substance capable of conducting a circuit in one direction only). A radially slotted disc having a central dished portion and a number of radially extending fingers serves as a resilient conductor which may be pressed into engagement with one of the electrodes to conduct the circuit. Varnish, usually applied to the rectifier as a protective coating, has a tendency to impair the contact by seeping into the slots. This is overcome by the provision of a second conductor which is shaped to overlie the slots of the first conductor so that there are no open spaces. Group 36—19.

Pat. 2,430,351. RECTIFIER. Patented Nov. 4, 1947. This patent provides a small-sized dry-plate rectifier of simple construction adapted for full-wave rectification. A pair of identical layers of selenium, for use with a center-tapped transformer, are formed directly on a circular iron plate which constitutes a base and a back electrode. The layers, one of which forms a front electrode, are spaced to avoid contact. Terminals are provided for the electrodes, a pair of the terminals utilizing the space between the selenium layers. An insulated cover plate is clamped to the base by an insulated bolt which serves as a means of mounting the rectifier to a panel without disturbing the assembly, and of spacing the rectifier from the panel so that air may circulate to cool the rectifier. Group 36—19.

TRADE-MARKS

OFFICIAL GAZETTE, MARCH 23, 1948

[VOL. 608. NO. 4]

ACT OF 1905

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication. As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Marks published for opposition under the act of 1946 follow the 1905 publications.

CLASS 2

RECEPTACLES

Ser. No. 513,698. UNION STEEL CHEST CORPORATION, Leroy, N. Y. Filed Dec. 4, 1946.

UNION

The words "Quality Since 1893" are disclaimed apart from the mark shown. Applicant owns Reg. No. 151,267.

FOR TOOL CHESTS OF METAL AND SOLD EMPTY.

Claims use since 1932.

Ser. No. 519,708. THE VERMONT STORE, INC., Northampton, Mass. Filed Mar. 27, 1947.

COVERED BRIDGE

FOR WOODEN BOWLS, AND WOODEN TRAYS.

Claims use since December 1946.

Ser. No. 525,378. OAKES & COMPANY, Chicago, Ill. Filed July 1, 1947.

FARMITT

FOR MILK PAILS, MILK CANS, HAND-OPERATED OILERS, CORN BINS, SPRINKLING CANS, VACUUM BOTTLES, VACUUM JARS, STEEL TOOL BOXES, MOP WRINGER PAILS, AND ONE, TWO, AND FIVE GALLON OIL AND GASOLINE CANS.

Claims use since May 22, 1947.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 505,898. HARTMANN COMPANY, Racine, Wis. Filed July 19, 1946.

SKYMATE

FOR SUITCASES, LUGGAGE-CARRYING CASES, AND WARDROBE SUITCASES.

Claims use since June 1946.

Ser. No. 514,715. JOHN D. MOREHOUSE, Oakhurst, Calif. Filed Dec. 23, 1946.

Snowline

FOR HANDBAGS, KEY CASES, COIN PURSES, AND WALLETS.

Claims use since June 19, 1946.

Ser. No. 518,747. ABRAHAM BORETZ, doing business as Boretz Manufacturing Company, New York, N. Y. Filed Mar. 10, 1947.



The picture of the men is fanciful.

FOR TRUNKS, TRAVELING BAGS, POCKETBOOKS, OVERNIGHT BAGS, HAT BOXES, VALISES, GLADSTONE BAGS, BRIEF CASES, CATALOG CASES, AND SAMPLE DISPLAY CASES.

Claims use since Jan. 2, 1947.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 500,796. CONSOLIDATED COSMETICS, Chicago, Ill. Filed Apr. 24, 1946.

SMOLDERING

FOR TOILET SOAP AND LAUNDRY SOAP.
Claims use since Mar. 28, 1944.

Ser. No. 507,141. P & H PRODUCTS, INC., Memphis, Tenn. Filed Aug. 9, 1946.

LETS-GO

FOR PAINT CLEANERS.
Claims use since June 28, 1946.

Ser. No. 508,244. QUICKWAY PRODUCTS, INCORPORATED, Charleston, W. Va. Filed Aug. 29, 1946.

Arylite

FOR SYNTHETIC COMPOUND USED AS A DETERGENT FOR CLEANING AUTOMOBILES, AIRPLANES, BUSSES, AND THE LIKE.
Claims use since May 1, 1946.

Ser. No. 513,613. DUNLOP TIRE AND RUBBER CORPORATION, Buffalo, N. Y. Filed Dec. 3, 1946.

GOLD CUP

FOR FABRIC CLEANER, PRE-WAX CLEANER, CHROME POLISH.
Claims use since Oct. 8, 1946.

Ser. No. 523,144. HALSEY PRODUCTS COMPANY, Cedar Knolls, N. J. Filed May 27, 1947.

RUG-STOP

The word "Rug" is disclaimed.
FOR POWDERED COMPOSITIONS TO BE APPLIED TO THE BACKS OF RUGS TO PREVENT SLIPPING.
Claims use since Mar. 31, 1947.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 480,527. DR. SALSBURY'S LABORATORIES, Charles City, Iowa. Filed Mar. 5, 1945.

REN-O-SAL

FOR TONIC AND ALTERATIVE FOR CHICKENS, TURKEYS, AND OTHER DOMESTIC FOWL.
Claims use since June 3, 1944.

Ser. No. 487,857. THE NATIONAL MINERAL COMPANY, Chicago, Ill., now by change of name Helene Curtis Industries, Inc., a corporation of Illinois. Filed Aug. 31, 1945.

POTENT RED

Applicant disclaims the word "Red" apart from the mark.
FOR LIPSTICKS.
Claims use since Aug. 9, 1945.

Ser. No. 493,763. SIDNEY GOLDBLUM, doing business as Majestic Drug Co., New York, N. Y. Filed Dec. 22, 1945.

EPSO-PINE

The word "Pine" is disclaimed apart from the mark shown.
FOR BATH SALTS.
Claims use since April 1945.

Ser. No. 499,711. JAYBRA PRODUCTS, INC., New York, N. Y. Filed Apr. 5, 1946.

JAYBRA

FOR POWDER FOR USE IN REMOVING SUPERFLUOUS HAIR AND HAIR LOTION.
Claims use since January 1936.

Ser. No. 501,836. PAUL DOWNING, doing business as The London Manufacturing Chemists, Portland, Oreg. Filed May 10, 1946.

modern genie

FOR COSMETIC PREPARATIONS, PREPARATIONS FOR THE HAIR, AND PREPARATIONS FOR PERMANENT WAVING OF THE HAIR—NAMELY, CREAMS, LOTIONS, SHAMPOO, AND HAIR LACQUER.
Claims use since Feb. 14, 1946.

Ser. No. 502,705. THE GLENN L. MARTIN COMPANY, Middle River and Baltimore, Md. Filed May 24, 1946.



The drawing is lined for red, yellow, and blue. The words "Mulsion" and "Martin" are disclaimed apart from the mark shown.
FOR PHOTOGRAPHIC EMULSION.
Claims use since Jan. 22, 1946.

Ser. No. 503,428. JOHN C. CORBITT, Nashville, Tenn. Filed June 7, 1946.

PES-EZE

FOR REMEDY FOR ATHLETE'S FOOT.
Claims use since May 16, 1946.

Ser. No. 503,666. THE DAN PERKINS COMPANY, Memphis, Tenn. Filed June 11, 1946.

FLAVORITE SUGAR CURE

The words "Sugar Cure" are disclaimed apart from the mark shown.
FOR CURING COMPOUND FOR MEATS.
Claims use since June 22, 1944.

Ser. No. 503,864. BURMA-VITA COMPANY, Minneapolis, Minn. Filed June 14, 1946.

BURMA-VITA

Applicant disclaims exclusive use of the word "Burma" apart from the combination shown.
FOR TOOTH POWDER.
Claims use since June 3, 1946.

Ser. No. 509,640. CUTTER LABORATORIES, Berkeley, Calif. Filed Sept. 24, 1946.

Diptussis (Alhydrox)

FOR ALUMINUM HYDROXIDE ADSORBED BIOLOGICAL PRODUCTS FOR ACTIVE IMMUNIZATION AGAINST DIPHTHERIA AND WHOOPING COUGH.
Claims use since June 1943.

Ser. No. 510,334. JAMES LYLE MILLER, New York, N. Y. Filed Oct. 5, 1946.

U-MIX-IT

FOR CHEMICALS USED FOR MOTH-PROOFING.
Claims use since July 18, 1946.

Ser. No. 513,901. G. D. RUNNELS, New York, N. Y. Filed Dec. 7, 1946.

ANIMETICS

FOR SHAMPOO, FLEA REPELLENT AND INSECT REPELLENT POWDER AND LOTION, FOR USE ON DOGS.
Claims use since Nov. 18, 1946.

Ser. No. 514,871. YANKEE BOTTLED GAS CORP., Westville, N. H., and Lexington, Mass. Filed Dec. 26, 1946.

YANKEE

FOR BOTTLED LIQUEFIED PETROLEUM GAS, USED FOR COOKING AND HEATING.
Claims use since Nov. 27, 1946.

Ser. No. 515,085. CULLIGAN ZEOLITE COMPANY, Northbrook Ill. Filed Dec. 31, 1946.

CULLON

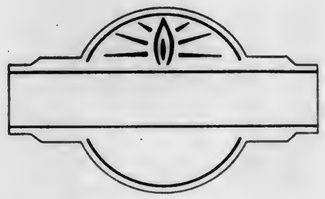
FOR WATER SOFTENING MATERIALS COMPOSED OF RESINOUS AND SYNTHETIC GEL ZEOLITES FOR USE IN WATER CONDITIONING EQUIPMENT.
Claims use since Dec. 1, 1945.

Ser. No. 516,021. KATHLEEN MARY QUINLAN, INC., New York, N. Y. Filed Jan. 20, 1947.

balanced beauty

No claim is made to the word "Beauty" apart from the mark.
FOR SKIN CREAMS USED AS NIGHT CREAMS AND CLEANSERS.
Claims use since Jan. 7, 1947.

Ser. No. 516,415. HOME GAS COMPANY, Minneapolis, Minn. Filed Jan. 27, 1947.



FOR LIQUID PETROLEUM GAS.
Claims use since Mar. 19, 1935.

Ser. No. 516,581. SCHENLEY LABORATORIES, INC., New York, N. Y. Filed Jan. 29, 1947.

DAIRYCILLIN

FOR PENICILLIN FOR USE IN TREATMENT OF COWS AND OTHER MILK-PRODUCING ANIMALS.
Claims use since Oct. 21, 1946.

Ser. No. 516,638. ROBERT B. SAHAGEN & COMPANY, INC., Rochdale, Mass. Filed Jan. 30, 1947.



The abbreviation "Co." and the word "Fuels" are disclaimed.
FOR COMPRESSED AND LIQUEFIED GASEOUS FUEL.
Claims use since Jan. 15, 1944.

Ser. No. 517,868. PRO-PHY-LAC-TIC BRUSH COMPANY, Northampton, Mass. Filed Feb. 20, 1947. Under section 5b of the act of 1905 as amended in 1920.

Pro-phy-lac-tic

FOR INSECT REPELLENT.
Claims use since May 22, 1944.

Ser. No. 518,400. GENERAL CHEMICAL COMPANY, New York, N. Y. Filed Mar. 3, 1947.

SULFAN

FOR LIQUID SULFUR TRIOXIDE FOR USE AS A SOURCE OF HIGH STRENGTH SO_3 IN THE INDUSTRIAL ARTS, AS, FOR EXAMPLE, IN THE FORTIFICATION OF OLEUM, IN SULFONATION PROCESSES, AND IN THE FORMATION OF CHEMICAL COMPOUNDS.
Claims use since Jan. 27, 1947.

Ser. No. 518,430. SALES AFFILIATES, INC., New York, N. Y. Filed Mar. 3, 1947.

NOTOXIDE

FOR OXIDIZING AGENT FOR USE AS AN ANTISEPTIC, DISINFECTANT, MOUTH WASH, NOSE DOUCHE, GARGLE, HAIR BLEACH, AND SIMILAR PURPOSES.
Claims use since April 1926.

Ser. No. 521,844. G. H. WOOD & COMPANY LIMITED, Toronto, Ontario, Canada. Filed May 3, 1947.

OZIUM

FOR AIR FRESHENING DEODORANT HAVING INCIDENTAL GERMICIDAL PROPERTIES.
Claims use since Oct. 30, 1945.

Ser. No. 523,973. MIDO PRODUCTS, Torrance, Calif. Filed June 11, 1947.

di-d-san

The letters "di-d" are disclaimed.
FOR DEODORANT AND DISINFECTANT COMPOSITIONS.
Claims use since Apr. 1, 1947.

Ser. No. 525,304. DARWORTH INCORPORATED, Simsbury, Conn. Filed July 1, 1947.

DARWORTH

FOR INSECTICIDES.
Claims use since June 11, 1947.

Ser. No. 525,922. NATIONAL CARBON COMPANY, INC., New York, N. Y. Filed July 3, 1947.

National

FOR ACCELERATOR FOR SYNTHETIC RESIN CEMENT.
Claims use since 1944.

CLASS 8

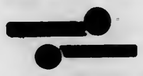
SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS

Ser. No. 518,906. THE REISS-PREMIER CORPORATION, West New York, N. J. Filed Mar. 12, 1947.



The trade-mark consists of a white rectangular shaped bar inlaid in the stem of the smokers' pipes.
FOR SMOKERS' PIPES.
Claims use since July 12, 1944.

Ser. No. 518,908. THE REISS-PREMIER CORPORATION, West New York, N. J. Filed Mar. 12, 1947.



The trade-mark consists of two offset horizontal bars having a dot at the opposite end of each of the respective bars, the mark being inlaid in the stems of the smokers' pipes.
FOR SMOKERS' PIPES.
Claims use since June 8, 1946.

Ser. No. 521,623. THE REISS-PREMIER CORPORATION, West New York, N. J. Filed Apr. 30, 1947.



The trade-mark consists of a representation of a circle which is inlaid on the stem of the smokers' pipes.
FOR SMOKERS' PIPES.
Claims use since July 15, 1932.

Ser. No. 521,624. THE REISS-PREMIER CORPORATION, West New York, N. J. Filed Apr. 30, 1947.



The trade-mark consists of a representation of a propeller which is inlaid on the stem of the smokers' pipes.
FOR SMOKERS' PIPES.
Claims use since April 1929.

CLASS 9

EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES

Ser. No. 513,196. OLIN INDUSTRIES, INC., East Alton, Ill. Filed Nov. 25, 1946.

BIG INCH

FOR DETONATORS.
Claims use since Oct. 17, 1946.

Ser. No. 519,851. BROWN MANUFACTURING COMPANY, Clinton, Mo. Filed Mar. 31, 1947.

Buzz Bomb

The word "Bomb" is disclaimed apart from the mark.
FOR FIREWORKS, MORE PARTICULARLY FOR FIREWORKS CONSISTING OF A PROJECTILE DRIVEN INTO THE AIR AND EXPLODING AT THE PEAK OF ITS FLIGHT.
Claims use since June 1945.

CLASS 10

FERTILIZERS

Ser. No. 523,703. PREMIER PEAT MOSS CORPORATION, New York, N. Y. Filed June 6, 1947.

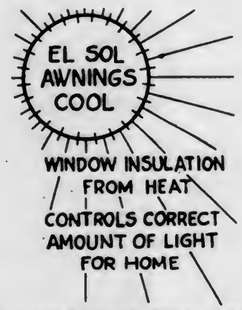
Premier-Nure

FOR PEAT MOSS FOR FERTILIZERS, COMBINATION FERTILIZER AND SOIL CONDITIONER, SOIL BUILDER AND PLANT FOOD.
Claims use since September 1946.

CLASS 12

CONSTRUCTION MATERIALS

Ser. No. 512,558. WAYNE T. ACKERMAN, doing business as El Sol Awning Company, Cleveland, Ohio. Filed Nov. 14, 1946.



No claim is made to the words "Awnings," "Cool," "Window Insulation From Heat," or "Controls Correct Amount of Light for Home" apart from the mark.
FOR METALLIC AWNINGS FOR USE ON BUILDINGS.
Claims use since June 17, 1946.

Ser. No. 520,640. METAL OFFICE FURNITURE COMPANY, Grand Rapids, Mich. Filed Apr. 14, 1947.



FOR CABINETS BUILT INTO DOORS SUCH AS USED IN HOTEL ROOMS.
Claims use since Oct. 13, 1915.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 488,212. FOG NOZZLE COMPANY, Los Angeles, Calif., assignor to Akron Brass Mfg. Co., Inc., Wooster, Ohio, a corporation of Ohio. Filed Sept. 10, 1945.

AUTOFOGHED

FOR SPRAY NOZZLES, DISTRIBUTING HEADS FOR USE ON HOSE OR WATER PIPES.
Claims use since Aug. 14, 1945.

Ser. No. 503,488. LLOYD L. WARTES, Spokane, Wash. Filed June 7, 1946.

KOW BAR

The word "Kow" is disclaimed apart from the mark as shown.
FOR LIVESTOCK WATERING APPARATUS, INCLUDING A SUPPORT HAVING A PLURALITY OF WATER RECEPTACLES MOUNTED THEREUPON TOGETHER WITH VALVES AND FITTINGS FOR CONNECTION OF SAID RECEPTACLES WITH A WATER SUPPLY.
Claims use since Feb. 16, 1946.

Ser. No. 505,248. J. A. SEXAUER MFG. CO. INC., New York, N. Y. Filed July 8, 1946.

BLUE SPOT

The drawing is lined to represent the color blue.
FOR TANK VALVE BULBS.
Claims use since 1929.

Ser. No. 521,512. ERNST SLIDE FASTENER CO., INC., New York, N. Y. Filed Apr. 29, 1947.



FOR SEPARABLE FASTENERS OF THE TYPE CONTROLLED BY A SLIDING DEVICE.
Claims use since Oct. 22, 1940.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 518,406. J. B. & S. LEES LTD., West Bromwich, England. Filed Mar. 3, 1947.



FOR STEEL STRIP.
Claims use since December 1912.

Ser. No. 521,134. J. B. & S. LEES LTD., West Bromwich, England. Filed Apr. 22, 1947.

TRIDENT

FOR STEEL STRIP.
Claims use since December 1912.

Ser. No. 524,863. CRUCIBLE STEEL COMPANY OF AMERICA, New York, N. Y. Filed June 26, 1947.

HY-Tuf

No claim is made to the exclusive use of "Tuf" apart from the mark.
FOR STEEL RODS, BARS, PLATES, BILLETS, SLABS, BLOCKS, AND FORGINGS.
Claims use since June 17, 1947.

CLASS 15

OILS AND GREASES

Ser. No. 515,173. GULF OIL CORPORATION, Pittsburgh, Pa. Filed Jan. 2, 1947.

DELUXSOL

FOR INDUSTRIAL NAPHTHA.
Claims use since Aug. 1, 1946.

Ser. No. 516,043. SUN CHEMICAL CORPORATION, New York, N. Y. Filed Jan. 20, 1947.

CARDIS

FOR OXIDIZED PETROLEUM WAX.
Claims use since May 27, 1946.

Ser. No. 520,457. JACKSON OIL COMPANY, INC., New Orleans, La. Filed Apr. 10, 1947.

CHAMPION

FOR MOTOR OIL FOR LUBRICATING PURPOSES.
Claims use since Sept. 27, 1927.

Ser. No. 520,536. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed Apr. 11, 1947.

twi-lite

Applicant disclaims the term "Lite" apart from the mark.
FOR CANDLES.
Claims use since Dec. 22, 1936.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 503,480. SWITZER BROTHERS, Cleveland, Ohio, assignor to Switzer Brothers, Inc., Cleveland, Ohio, a corporation of Ohio. Filed June 7, 1946.

Glo-Craft

The right to the exclusive use of the word "Glo" is disclaimed apart from the mark.
FOR ULTRAVIOLET LIGHTING EQUIPMENT FOR NON-THERAPEUTIC USE.
Claims use since Feb. 12, 1946.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 501,862. HERBERT MORLEY, doing business as Man-U-L-Craft Engineering and Manufacturing Company, Detroit, Mich. Filed May 10, 1946.

MAN-UL-CRAFT

The word "Craft" is disclaimed apart from the mark.
FOR BENCH TYPE SAWS—NAMELY, JIG SAWS.
Claims use since Jan. 31, 1946.

Ser. No. 503,378. LAMBERT PRODUCTS, INC., Dayton, Ohio. Filed June 6, 1946.

Dynaflower

The term "Mower" is disclaimed apart from the mark.
FOR HAND AND POWER LAWN MOWERS.
Claims use since Jan. 3, 1946.

Ser. No. 512,607. RABALDO G. M. B. H., Zurich, Switzerland. Filed Nov. 14, 1946.

RABALDO

FOR RAZORS OF ANY TYPE.
Claims use since 1938.

Ser. No. 513,378. BAASH-ROSS TOOL COMPANY, Los Angeles, Calif. Filed Nov. 29, 1946.



The lining on the drawing indicates the color red.
FOR OIL WELL EQUIPMENT TOOLS AND ACCESSORIES INCLUDING CASING HEAD ADAPTERS, LINER SETTING ADAPTERS, SWIVEL BAIL ADAPTERS, LANDING AND CASING HEAD BASES, CORING, BAILING, AND SWABBING BLOCKS, CROWN, FLOOR AND PRODUCTION BLOCKS, TRAVELING AND UTILITY BLOCKS, BLOWOUT PREVENTERS, CASING PACKING BOWLS, BUMPER SUBS, CASING BUSHINGS, KELLY DRIVE BUSHINGS, FORGED STEEL BUSHINGS SAFETY CLAMPS, DRILL COLLARS, ROTARY DIE COLLARS, INTERNAL CASING AND TUBING CUTTERS, EXTERNAL PIPE CUTTERS, FISHING TOOLS, ADAPTER FLANGES, OVERSHOT GUIDES, LINER AND TONG LINE HANGERS, CASING, TUBING AND LANDING HEADS, WALL HOOKS, DRILLING JARS, FISHING JARS, KELLYS, LINER SETTING TOOLS, OVERSHOTS, CASING HEAD TUBING AND LINER PACKERS, PLUGS, BLOW-OUT PREVENTERS, SPINNING TABLES, LINER SETTERS, ROTARY SHOES, CASING, DRILL COLLAR, DRILL PIPE, SPIDER, AND TUBING SLIPS, SPEARS, SOCKETS, SPIDERS, SPOOLS, WIRELINE STRIPPERS, POWER SWIVELS, TAPERED FISHING TAPS, TOOL JOINTS, SETTING TOOLS, SHEAVES, CASING SHOES, AND DRILL COLLARS, FOR USE IN DRILLING AND PRODUCTION.
Claims use since November 1937.

Ser. No. 514,251. CIRCO PRODUCTS COMPANY, Cleveland Ohio. Filed Dec. 14, 1946.

CIRCO CADET

FOR DEGREASERS, I. E., APPARATUS FOR CIRCULATING A SOLVENT AND/OR SOLVENT VAPOR OVER GREASE LADEN ARTICLES, AND MECHANISM FOR THE RECOVERY OF THE SOLVENT SO USED.
Claims use since Oct. 22, 1946.

Ser. No. 520,276. HANCHETT MANUFACTURING COMPANY, Big Rapids, Mich. Filed April 7, 1947. Under 10-year proviso.

HANCHETT

FOR SAW SWAGES, SAW HAMMERS, BRAZING TONGS, SAW SETTERS, BENCH ATTACHMENT FOR SAW SWAGES, SIDE DRESSERS FOR SWAGES, FLAT PRODUCTION SURFACE GRINDING MACHINES, GRINDING WHEEL DRESSERS AND CHUCKS.
Claims use since 1895.

Ser. No. 523,252. ENGINEERING PRODUCTS COMPANY, Chicago, Ill. Filed May 29, 1947.



The words "Traction System" are disclaimed apart from the mark as shown.
FOR MATERIAL CONVEYORS FOR MOVEMENT OF LOADS OR MATERIALS WITHIN A PLANT OR A SUBDIVISION THEREOF BY GRAVITY AND/OR BY MANUAL OPERATION.
Claims use since May 15, 1947.

CLASS 27

HOROLOGICAL INSTRUMENTS

Ser. No. 515,747. ELITE WATCH CASE CORP., New York, N. Y. Filed Jan. 15, 1947.

ELITE

FOR WATCH CASES.
Claims use since 1934.

Ser. No. 521,205. D. ORNSTEIN & SONS CORP., New York, N. Y. Filed Apr. 23, 1947.

D O

FOR WATCH CASES.
Claims use since 1935.

CLASS 28

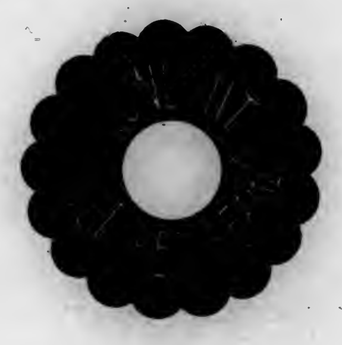
JEWELRY AND PRECIOUS-METAL WARE

Ser. No. 505,434. JOSEPH H. MEYER BROS., Brooklyn, N. Y. Filed July 11, 1946.

ALLURE

FOR NECKLACES, BRACELETS, FINGER RINGS, JEWELRY CLIPS, BROOCHES, AND EARRINGS.
Claims use since January 1945.

Ser. No. 516,650. FRED WEISS, Los Angeles, Calif. Filed Jan. 30, 1947.



The words "Cultured Pearls" are disclaimed apart from the mark.
FOR CULTURED PEARLS.
Claims use since Dec. 27, 1946.

Ser. No. 517,772. MACK M. BURNSTINE, Los Angeles, Calif. Filed Feb. 19, 1947.



FOR FINGER RINGS, WEDDING RINGS, ORNAMENTAL PINS, EMBLEMS, BRACELETS, BROOCHES, EARRINGS AND WATCH ATTACHMENTS, ALL MADE OF GOLD OR PLATINUM, SET WITH STONES OR WITHOUT STONES.
Claims use since Dec. 31, 1915.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 498,383. ARNOT & COMPANY, Baltimore, Md. Filed Mar. 18, 1946.



FOR BEDS, PORTABLE COUCHES AND SETTEES.
Claims use since November 1942.

Ser. No. 505,203. HIGGINS, INC., New Orleans, La. Filed July 8, 1946.

"ENDURONITE"

FOR PLYWOOD FURNITURE—NAMELY, CHAIR SEATS, STORAGE CABINETS, FOLDING OCCASIONAL TABLES, SMOKING STANDS, AND BUILT-IN FURNITURE FOR BOATS AND HOUSES IN THE NATURE OF BENCHES, STORAGE CABINETS, AND COCKTAIL BARS.
Claims use since May 1945.

Ser. No. 509,871. BENJAMIN M. PACKER, doing business as Peerless Mattress Company, Philadelphia, Pa. Filed Sept. 27, 1946.



No claim is made to the representation of the goods. The figure of the woman shown on the mark is fanciful.
FOR MATTRESSES.
Claims use since 1930.

Ser. No. 521,034. SOLOTONE CORPORATION, Los Angeles, Calif. Filed Apr. 19, 1947.

Mirror-tone

FOR CABINETS, ADAPTED TO HOUSE SELECTOR UNITS USED IN REPRODUCTION OF RECORDED MUSIC INSTALLATIONS.
Claims use since Jan. 2, 1947.

Ser. No. 525,919. MODERN BEDDING, INC., Detroit, Mich. Filed July 3, 1947.

Sonata

FOR MATTRESSES AND PILLOWS.
Claims use since July 4, 1947.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 504,042. THE GAS MACHINERY COMPANY, Cleveland, Ohio. Filed June 17, 1946.

GASMACO

FOR FUEL GAS GENERATING AND TREATING APPARATUS, INDUSTRIAL FURNACES, AND PARTS AND EQUIPMENT THEREFOR, INCLUDING FURNACE ROLLERS, BURNERS, AND BURNER TUBES.
Claims use since 1909.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 499,497. INDUSTRIAL PRODUCTS SUPPLIERS, New York, N. Y. Filed Apr. 2, 1946.

ARTUS

FOR SHIM STOCK, GASKETS, NON-METALLIC WASHERS, AND SHIMS.
Claims use since January 1942.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Ser. No. 514,291. PROGRESSIVE MUSICAL INSTRUMENT CORPORATION, New York, N. Y. Filed Dec. 14, 1946.



Indian Head

No claim is made to the word "Head" apart from the mark. The picture of the Indian is fanciful.
FOR BANJO HEADS AND DRUMHEADS.
Claims use since June 1924.

Ser. No. 514,301. PROGRESSIVE MUSICAL INSTRUMENT CORPORATION, New York, N. Y. Filed Dec. 14, 1946.



Peter Pan

No claim is made to the representation of the harmonica apart from the mark. The picture of the boy is fanciful.
FOR UKULELES, BANJO UKULELES, AND MOUTH HARMONICAS.
Claims use since September 1924.

Ser. No. 518,595. JOHN P. GADE, doing business as The Gade Piano Manufacturing Company, Toledo, Ohio. Filed Mar. 6, 1947.

CONSOL-MASTER

No claim is made to the word "Consol" apart from the mark.
FOR PIANOS.
Claims use since Jan. 9, 1947.

CLASS 37

PAPER AND STATIONERY

Ser. No. 507,612. LEIGH S. BACK, doing business as S. Back Company, New York, N. Y. Filed Aug. 19, 1946.

GRANDESSA

FOR FOUNTAIN PENS AND MECHANICAL PENCILS.
Claims use since June 1946.

Ser. No. 511,937. DIANA MANUFACTURING CO., Green Bay, Wis. Filed Nov. 2, 1946.

CRYSTA SHEEN

Applicant disclaims exclusive right to "Sheen" apart from the mark shown.
FOR CRYSTAL-LIKE PAPER—NAMELY, CELLULOSE ACETATE FILM CRINKLE SHEETING.
Claims use since May 27, 1946.

Ser. No. 521,824. ROCKWELL-BARNES COMPANY, Chicago, Ill. Filed May 3, 1947.

ROCK-Elite

FOR LETTER TRAYS AND CARD INDEX GUIDES.
Claims use since Sept. 26, 1946.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 485,517. VICTORIANO SUAREZ GRAINO, Madrid, Spain. Filed July 6, 1945.



FOR BOOKS, PERIODICALS, CATALOGUES, GAZETTES, LEAFLETS, PAMPHLETS, AND MAGAZINES.
Claims use since Oct. 15, 1942.

Ser. No. 501,717. ROY COMART, doing business as Seatsaver Company, New York, N. Y. Filed May 9, 1946.

SEATSAVER

FOR PAINTED DISPLAY CARDS SOLD AS SUCH.
Claims use since Apr. 11, 1946.

Ser. No. 516,753. AMERICAN GREETING PUBLISHERS INCORPORATED, Cleveland, Ohio. Filed Feb. 1, 1947.

Pastelettes

FOR GREETING CARDS.
Claims use since Feb. 1, 1946.

Ser. No. 519,937. PHILIP FRANK, New York, N. Y. Filed Apr. 1, 1947.

The MARCH of FASHION

The word "Fashion" is disclaimed when used apart from the mark.
FOR MONTHLY PERIODICAL.
Claims use since Mar. 15, 1947.

Ser. No. 520,142. BRETHREN IN CHRIST PUBLICATION BOARD, INC., doing business as The Christian Light Press, Elizabethtown, Pa. Filed Apr. 4, 1947.

Another "CLIP" Product

No claim is made to the words "Another" or "Product" apart from the mark.
FOR GREETING CARDS, RELIGIOUS PICTURES MADE OF PAPER UNFRAMED, MOTTOES PRINTED ON PAPER, YEARLY WALL CALENDARS, PAPER CROSSES WHICH COMPRISE THE PICTURE OF A CROSS, RELIGIOUS PUBLICATION PUBLISHED PERIODICALLY, AND PUZZLE BOOKS.
Claims use since July 1, 1943.

Ser. No. 520,796. PHIL CONLEY, Charleston, W. Va. Filed Apr. 16, 1947.

Everyday
PHILOSOPHY

FOR PUBLICATIONS—NAMELY, PRINTED LEAFLETS, NEWSPAPER COLUMNS, AND PUBLICATIONS, PUBLISHED FROM TIME TO TIME.
Claims use since Oct. 12, 1946.

Ser. No. 521,979. THE NEW YORKER MAGAZINE, INC., New York, N. Y. Filed May 6, 1947.

[LAUGHTER] ON CAPITOL HILL

FOR MAGAZINE COLUMN.
Claims use since May 18, 1946.

Ser. No. 522,890. WELCOME WAGON SERVICE COMPANY, INC., New York, N. Y. Filed May 23, 1947.

THE WELCOME WAGON
VISITOR

FOR PERIODICALS PUBLISHED BI-MONTHLY.
Claims use since Jan. 1, 1943.

CLASS 39
CLOTHING

Ser. No. 500,761. J. B. MAST CO. INC., New York, N. Y. Filed Apr. 23, 1946.

DRI-TOPPER

The word "Dri" is disclaimed apart from the mark.
FOR RAIN COVERS FOR HATS.
Claims use since Mar. 19, 1946.

Ser. No. 504,144. AFFILIATED RETAILERS, INC., New York, N. Y. Filed June 19, 1946.

ARNYLE

FOR LADIES' NIGHTGOWNS, BRASSIÈRES, AND GIRDLES.
Claims use since Apr. 3, 1946.

Ser. No. 514,045. KEYS & LOCKWOOD, New York, N. Y. Filed Dec. 11, 1946.

Radio-Twills

The word "Twills" is disclaimed when used apart from the mark as shown on the drawing.
FOR WOVEN NECKTIES.
Claims use since July 1, 1936.

Ser. No. 520,663. WIMELBACHER & RICE, INC., New York, N. Y. Filed Apr. 14, 1947.

COVISPLEX SUEDE

No claim is made to the exclusive right to the use of the word "Suede."
FOR GLOVES.
Claims use since Feb. 28, 1947.

Ser. No. 521,520. HERMAN KRINGSTEIN, doing business as Herman Kay Co., New York, N. Y. Filed Apr. 29, 1947.

An *O-Kay* fashion
For all weather

No claim is made to the words "Fashion" and "For All Weather" apart from the mark.
FOR RAINCOATS.
Claims use since Mar. 3, 1947.

Ser. No. 525,104. PLATT-HORNER, INC., New York, N. Y. Filed June 28, 1947.



FOR JUNIOR MISSES' DRESSES.
Claims use since June 2, 1947.

Ser. No. 525,231. MORGAN-RICE COAT AND SUIT COMPANY, Kansas City, Mo. Filed June 30, 1947.

RICEMOR

FOR COATS AND SUITS FOR WOMEN AND MISSES.
Claims use since July 1, 1936.

Ser. No. 526,177. THE YOUNG MEN'S SHOP, INC., Washington, D. C. Filed July 3, 1947.



FOR MEN'S, YOUTHS', AND BOYS' SUITS, COATS, VESTS, TROUSERS, TOP COATS, AND OVERCOATS; STRAW, FELT AND TEXTILE HATS AND CAPS, DRESS AND NEGLIGEE SHIRTS, COLLARS, SWEATERS, HOSIERY, BATH ROBES, LOUNGING ROBES, AND BEACH ROBES, BATHING SUITS, PAJAMAS, GLOVES MADE OF LEATHER AND/OR NATURALLY OCCURRING OR SYNTHETIC FABRICS AND MATERIALS, KNITTED AND WOVEN UNDERWEAR, RAIN COATS, SCARVES, MUFFLERS; BOOTS, SHOES, AND SLIPPERS OF LEATHER, FABRICS, RUBBER, AND SYNTHETIC MATERIAL OR COMBINATIONS THEREOF; SUSPENDERS, CRAVATS, APPAREL BELTS, HANDKERCHIEFS, GARTERS; AND WOMEN'S AND MISSES' COATS, SUITS, DRESSES, SWEATERS, SKIRTS, PAJAMAS, NIGHT GOWNS, DRESSING GOWNS, AND SLIPS, BLOUSES, JACKETS, SLACKS, BATH ROBES, LOUNGING ROBES, AND BEACH ROBES, AND BATHING SUITS.
Claims use since January 1944.

CLASS 42
KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 498,364. WORUMBO MANUFACTURING COMPANY, Lisbon Falls, Maine. Filed Mar. 16, 1946.

TRAVELITE

FOR WOOLEN GOODS IN THE PIECE.
Claims use since Feb. 22, 1946.

Ser. No. 503,473. ALBERT D. SMITH & CO., INC., New York, N. Y. Filed June 7, 1946.

DEVRON

FOR BOOK CLOTH IN THE PIECE.
Claims use since Feb. 28, 1946.

Ser. No. 504,728. AMERICAN TEXTILE COMPANY, INC., Pawtucket, R. I. Filed June 28, 1946.

Goddess

FOR LACE PIECE GOODS SOLD BY THE PIECE, YARD, OR BOLT.
Claims use since Oct. 30, 1944.

Ser. No. 513,531. PLASTIC FILM CORPORATION, New York, N. Y. Filed Nov. 30, 1946.

Syntilex

FOR THIN PLASTIC FILMS OR SHEETS, WITH AND WITHOUT CLOTH BACKING, SOLD AS PIECE GOODS FOR USE IN MAKING UP INTO ARTICLES, SUCH AS WINDOW CURTAINS, TABLE CLOTHS, APRONS, RAINCOATS, AND THE LIKE.
Claims use since Oct. 29, 1946.

Ser. No. 513,532. PLASTIC FILM CORPORATION, New York, N. Y. Filed Nov. 30, 1946.

Syntilon

FOR THIN PLASTIC FILMS OR SHEETS, WITH AND WITHOUT CLOTH BACKING, SOLD AS PIECE GOODS FOR USE IN MAKING UP INTO ARTICLES, SUCH AS WINDOW CURTAINS, TABLE CLOTHS, APRONS, RAINCOATS, AND THE LIKE.
Claims use since Oct. 29, 1946.

Ser. No. 517,457. COLUMBUS COATED FABRICS CORPORATION, Columbus, Ohio. Filed Feb. 14, 1947.

Plastovin

FOR PLASTIC COATED TEXTILE FABRICS OF COTTON AND PLASTIC FILM, SOLD BY THE BOLT OR ROLL, FOR USE IN MAKING INTO SHOWER CURTAINS, TABLE COVERS, AND THE LIKE.
Claims use since Jan. 10, 1947.

CLASS 43
THREAD AND YARN

Ser. No. 521,428. J. & W. BASTARD LIMITED, Leicester, England. Filed Apr. 28, 1947.

Vanity

FOR YARNS AND THREADS.
Claims use since Dec. 13, 1934.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Ser. No. 505,420. LA VIDA BOTTLING CO., INC., Fullerton, Calif. Filed July 11, 1946.

La Vida

FOR MINERAL WATER, MALTLESS SOFT DRINKS AND CARBONATED WATERS.
Claims use since August 1927.

Ser. No. 518,965. THE NEDLOG COMPANY, Chicago, Ill. Filed Mar. 13, 1947.



The drawing is lined to represent colors orange and green.
FOR CARBONATED AND NON-CARBONATED NON-ALCOHOLIC BEVERAGES GENERALLY SOLD AS SOFT DRINKS AND THE BASES, CONCENTRATES, SYRUPS, FLAVORINGS, EXTRACTS AND POWDER PREPARATIONS FOR MAKING THE SAME.
Claims use since April 1940.

Ser. No. 524,322. MILDRED R. GRUNDER, doing business as Becky's, Anderson, Ind. Filed June 17, 1947.

Becky's
"Tuned To Taste"

No claim is made to the word "Taste" apart from the mark as shown.
FOR ROOT BEER BEVERAGE BASE FOR MAKING SOFT DRINKS.
Claims use since Jan. 10, 1946.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 484,958. ITALIAN COOK OIL CORP., Brooklyn, N. Y. Filed June 23, 1945.



Applicant is the owner of registration No. 426,908. No claim is made to the representation of the container apart from the mark. The representation of the cook is fanciful.
FOR MIXTURE OF CORN AND COTTONSEED OILS, FOR USE IN SALADS AND FOR COOKING AND BAKING PURPOSES.
Claims use since 1907.

Ser. No. 498,516. JOHN D. HAMILTON, doing business as J. D. Hamilton Fruit Co., Wenatchee, Wash. Filed Mar. 19, 1946.

JAY DEE

FOR FRESH APPLES.
Claims use since September 1945.

Ser. No. 501,957. CONTINENTAL COFFEE COMPANY, INC., Chicago, Ill. Filed May 13, 1946.

FLAV-O-RITE

Applicant owns Reg. No. 433,706.
FOR SOUP MIX.
Claims use since Mar. 1, 1915.

Ser. No. 508,912. M & R DIETETIC LABORATORIES, INC., Columbus, Ohio. Filed Sept. 12, 1946.

M&R

Applicant owns Reg. Nos. 227,045, 227,044, 363,624, and 280,282.
FOR ICE CREAM MIX COMPRISING A CONDENSED MILK PRODUCT COMPOSED OF A BLEND OF CREAM, MILK SOLIDS, SUGAR, AND STABILIZERS.
Claims use since Dec. 7, 1926.

Ser. No. 513,182. IVANHOE FOODS INC., Auburn, N. Y. Filed Nov. 25, 1946.

IVANHOE

Applicant owns registration Nos. 192,763, 374,555, and 346,186.
FOR MAYONNAISE, SALAD DRESSING, SANDWICH SPREADS, AND CHILI SAUCE.
Claims use since July 1919.

Ser. No. 520,925. FRANK F. BELL, doing business as Bellvue Orchards, Raymondville, Tex. Filed Apr. 18, 1947.

Texabell

FOR FRESH CITRUS FRUITS AND VEGETABLES.
Claims use since Oct. 7, 1946.

Ser. No. 523,309. GOLDEN STATE COMPANY, LTD., San Francisco, Calif. Filed May 31, 1947.

LUZCO

The word "Luzco" which is part of the trade-mark referred to herein is the first person, present indicative of the Spanish verb "lucir," which, according to Appleton's New English-Spanish Dictionary, means "I. tn. (ind. Luzco; subj. Luzca) to shine, glitter, glow; to outshine, exceed; to look, appear. II. va. to light, illuminate; to show, display, exhibit, disport."
FOR POWDERED MILK PRODUCT TO MAKE ICE CREAM.
Claims use since Dec. 18, 1946.

CLASS 47

WINES

Ser. No. 516,560. MONTE CASSINO WINE CO., INC., Covington, Ky. Filed Jan. 29, 1947.

MONTE CASSINO
SWEET
16

No claim is made to the word "Sweet" apart from the mark.
FOR WINES.
Claims use since Mar. 5, 1946.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 509,220. CHARLES W. JOHNSON, doing business as Johnson Novelty Co., Danville, Pa. Filed Sept. 17, 1946.

Acme

FOR GARMENT HANGERS.
Claims use since 1902.

Ser. No. 513,933. AMES HARRIS NEVILLE CO., San Francisco, Calif. Filed Dec. 9, 1946.

CALIRABIAN

FOR TENTS, AWNINGS, AND SUN CANOPIES, MADE OF DRILL, TWILL, OR DUCK MATERIAL.
Claims use since Dec. 12, 1924.

ACT OF 1946

The following trade-marks are published in compliance with section 12(a) of the Trade-Mark Act of 1946. Notice of opposition under section 13 may be filed within thirty days of this publication. See Rules 20.1 to 20.8.
As provided by section 31 of said act, a fee of twenty-five dollars must accompany each notice of opposition.

CLASS 2

RECEPTACLES

Ser. No. 526,817. BEMIS BRO. BAG COMPANY, St. Louis, Mo. Filed July 5, 1947.



Applicant claims ownership of registrations Nos. 372,807 and 422,691.
FOR WATERPROOF SHIPPING BAGS OF COMPOSITE MATERIAL USUALLY FABRIC LINED WITH ONE OR MORE LAYERS OF PAPER, WHICH LAYER OR LAYERS OF PAPER HAVE A WATERPROOF ADHESIVE AS A BINDING AGENT.
Claims use since Jan. 3, 1939.

Ser. No. 526,818. BEMIS BRO. BAG COMPANY, St. Louis, Mo. Filed July 5, 1947.

TRIOTEX

Applicant claims ownership of registration No. 371,577.
FOR BAGS MADE FROM LAMINATED MATERIAL COMPOSED OF LAYERS OF TEXTILE AND PAPER.
Claims use since May 2, 1939.

Ser. No. 526,819. BEMIS BRO. BAG COMPANY, St. Louis, Mo. Filed July 5, 1947.

Textite

Applicant claims ownership of registration No. 426,740.
FOR BAGS MADE OF TEXTILE MATERIAL LAMINATED OR COATED WITH OTHER MATERIALS.
Claims use since Aug. 6, 1946.

Ser. No. 526,820. BEMIS BRO. BAG COMPANY, St. Louis, Mo. Filed July 5, 1947.

TEXTINET

FOR OPEN MESH WOVEN TEXTILE BAGS.
Claims use since Apr. 23, 1934.

Ser. No. 526,850. BEMIS BRO. BAG COMPANY, St. Louis, Mo. Filed July 5, 1947.

DUOTEX

Applicant claims ownership of registration No. 290,810.
FOR FABRIC BAGS MADE EITHER OF FABRIC ALONE OR A COMBINATION OF FABRIC AND PAPER.
Claims use since July 1931.

Ser. No. 526,851. BEMIS BRO. BAG COMPANY, St. Louis, Mo. Filed July 5, 1947.

DURALOID

Applicant claim ownership of registration No. 367,612.
FOR PAPER BAGS.
Claims use since Oct. 1, 1935.

Ser. No. 526,854. BEMIS BRO. BAG COMPANY, St. Louis, Mo. Filed July 5, 1947.

PARCHLINED

Applicant claims ownership of registration No. 424,930.
FOR WATERPROOF BAGS OF FABRIC WITH LINERS.
Claims use since Jan. 1, 1936.

Ser. No. 526,872. BEMIS BRO. BAG COMPANY, St. Louis, Mo. Filed July 5, 1947.

DURAQUA

Applicant claims ownership of registration No. 393,425.
FOR PAPER BAGS.
Claims use since Feb. 28, 1941.

Ser. No. 526,896. BEMIS BRO. BAG COMPANY, St. Louis, Mo. Filed July 5, 1947.

ECONOMY

Applicant claims ownership of registration No. 149,343.
FOR PARCEL-POST MAILING-ENVELOPES.
Claims use since Jan. 1, 1911.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 496,070. THE DIVERSEY CORPORATION, Chicago, Ill. Filed Aug. 2, 1947.

DIVOLUXE

FOR CLEANING COMPOUND IN GRANULAR FORM FOR USE IN CLEANING MILK CANS AND OTHER LIKE PRODUCTS.
Claims use since Jan. 3, 1946.

Ser. No. 541,384. GOLD SEAL COMPANY, Bismarck, N. Dak. Filed Dec. 16, 1947.

GLASS WAX

FOR GLASS CLEANER AND POLISH.
Claims use since Sept. 15, 1945.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 510,987. WALKER VITAMIN PRODUCTS, INC., Mount Vernon, N. Y. Filed Aug. 20, 1947.

ADEVAN

FOR CAPSULES CONTAINING VITAMIN A, VITAMIN D, THIAMINE HYDROCHLORIDE, RIBOFLAVIN, ASCORBIC ACID AND ALPHA TOCOPHEROL.
Claims use since April 1946.

Ser. No. 511,176. THE NATIONAL DRUG COMPANY, Philadelphia, Pa. Filed Aug. 18, 1947.

SULFONAMETS

FOR LOZENGES CONTAINING SULFATHIAZOLE, ALLANTOIN AND BENZOCINE, USED IN THE PROPHYLAXIS AND TREATMENT OF INFECTIONS OF THE ORAL AND PHARYNGEAL MUCOSA.
Claims use since Jan. 13, 1944.

Ser. No. 511,308. WALKER VITAMIN PRODUCTS, INC., Mount Vernon, N. Y. Filed Aug. 20, 1947.

MINAVITAB

FOR MEDICINAL TABLETS CONTAINING VITAMIN A, VITAMIN B, VITAMIN C, VITAMIN D, CALCIUM PANTOTHENATE, NIACINAMIDE AND MINERAL SALTS.
Claims use since Aug. 30, 1945.

Ser. No. 513,308. RALPH I. GUY, doing business as The Rig Company, Glendale, Calif. Filed Oct. 2, 1947.

RIGKO ADS

FOR COMBINATION OF VITAMINS A AND D, IN CAPSULE FORM.
Claims use since October 1946.

Ser. No. 513,309. RALPH I. GUY, doing business as The Rig Company, Glendale, Calif. Filed Oct. 2, 1947.

RIGKO VITMORA

FOR CONCENTRATED VITAMIN A, IN CAPSULE FORM.
Claims use since Oct. 22, 1946.

Ser. No. 520,638. MEAD JOHNSON & COMPANY, Evansville, Ind. Filed July 5, 1947.

LONALAC

FOR PHARMACEUTICAL PREPARATION SPECIALLY DESIGNED FOR USE IN DIETS OF RESTRICTED SODIUM CONTENT.
Claims use since Feb. 21, 1947.

Ser. No. 521,781. ANATOLE ROBBINS, INC., Los Angeles, Calif. Filed Oct. 1, 1947.

PRISMATIC

FOR LIQUID MAKE-UP PREPARATION FOR THE FACE, WHICH CAN ALSO BE USED AS A POWDER BASE.
Claims use since May 16, 1941.

Ser. No. 526,913. CHAS. PFIZER & CO., INC., New York, N. Y. Filed July 5, 1947.

"BUFFECILLIN"

FOR PENICILLIN PREPARATION.
Claims use since June 17, 1947.

Ser. No. 527,690. E. S. MILLER LABORATORIES, INC., Los Angeles, Calif. Filed July 5, 1947.

MIL-LI-FERIN

No claim is made to the term "Ferin" apart from the mark.
FOR IRON, VITAMIN AND LIVER PREPARATION.
Claims use since May 29, 1946.

Ser. No. 528,345. GIVAUDAN-DELAWANNA, INC., New York, N. Y. Filed July 11, 1947.

DIBENAMINE

FOR THERAPEUTIC CHEMICAL SUITABLE FOR USE AS A SYMPATHOLYTIC AND ADRENOLYTIC AGENT.
Claims use since May 15, 1946.

Ser. No. 528,430. CARTER PRODUCTS, INC., New York, N. Y. Filed July 12, 1947. Under section 2f of the act of 1946.

NAIR

Applicant claims ownership of registration No. 378,844.
FOR DEPILATORY.
Claims use since Apr. 1, 1939.

Ser. No. 528,474. BERTRAND W. HALL, doing business as Bonheur Co., New York, N. Y. Filed July 12, 1947.

Pedalure



FOR PREPARATION IN CREAM FORM FOR MASSAGING INTO FEET AND LEGS, WHICH SOFTENS THE SKIN AND HELPS TO SOOTHE FOOT FATIGUE.
Claims use since June 26, 1947.

Ser. No. 528,514. SCHOONMAKER LABORATORIES, INC., Caldwell, N. J. Filed July 12, 1947.

V-E-M

Applicant claims ownership of registration No. 104,888.
FOR OINTMENT TO BE USED IN THE TREATMENT OF IRRITATION OR INFLAMMATION OF THE MUCOUS MEMBRANE.
Claims use since Dec. 1, 1914.

Ser. No. 529,801. MONSANTO CHEMICAL COMPANY, St. Louis, Mo. Filed July 28, 1947.

DYTRON

FOR SOLVENT FOR GENERAL USE IN THE INDUSTRIAL ARTS, INCLUDING USE IN INSECTICIDES, PAINTS, PAINT AND VARNISH REMOVERS, AND DYE LIQUORS.
Claims use since June 4, 1947.

Ser. No. 529,916. E. MYERS LYE CORPORATION, St. Louis, Mo. Filed July 29, 1947.

WATCH DOG

Applicant claims ownership of registration No. 223,184.
FOR CHLORINATED LIME.
Claims use since October 1939.

Ser. No. 532,357. STAUFFER CHEMICAL COMPANY, San Francisco, Calif. Filed Aug. 25, 1947.

CHLORDUST

FOR INSECTICIDES.
Claims use since Apr. 3, 1947.

Ser. No. 533,139. CAMPANA SALES COMPANY, doing business as Old South Perfumers, Batavia, Ill. Filed Sept. 3, 1947.

OLD SOUTH

Applicant claims ownership of registrations Nos. 381,789, 383,838, 383,839, 383,867, and 390,154.
FOR COLOGNES, PERFUMES, LOTIONS FOR THE SKIN, FACE POWDERS, BODY POWDERS, BATH OILS, BATH ESSENCES, BATH SALTS, AND SACHET POWDERS.
Claims use since Feb. 22, 1940.

Ser. No. 533,776. GEORGE REINING, doing business as Reining's Physio-Therapy System, Freeport, Ill. Filed Sept. 8, 1947.

M-C-7

FOR OINTMENT.
Claims use since Aug. 22, 1947.

Ser. No. 534,203. ROSE STARR, doing business as Starr Pharmacal Co., New York, N. Y. Filed Sept. 11, 1947.

AMPHOBESE

FOR PREPARATION FOR THE TREATMENT OF OBESITY, IN CAPSULE AND TABLET FORM.
Claims use since Mar. 15, 1941.

Ser. No. 534,409. AYERST, MCKENNA & HARRISON LIMITED, New York and Rouses Point, N. Y. Filed Sept. 13, 1947.

TOMECTIN

FOR NICKEL PECTINATE COMPOUND.
Claims use since June 23, 1947.

Ser. No. 536,126. PARKE, DAVIS & COMPANY, Detroit, Mich. Filed Sept. 29, 1947.

VERATRONE

FOR PREPARATION USED AS A VASODILATOR.
Claims use since Mar. 16, 1905.

Ser. No. 536,495. CARBIDE AND CARBON CHEMICALS CORPORATION, New York, N. Y. Filed Oct. 2, 1947.

CRAG

FOR AGRICULTURAL FUNGICIDES.
Claims use since July 30, 1947.

Ser. No. 536,714. SHARP & DOHME, INCORPORATED, Philadelphia, Pa. Filed Oct. 3, 1947.

CREMOSTATICIN

FOR PREPARATION USEFUL IN ANTIBACTERIAL THERAPY.
Claims use since Sept. 29, 1947.

Ser. No. 537,032. FIRST NATIONAL LABORATORIES, INC., Lehighton, Pa. Filed Oct. 7, 1947.

LONG LEADER

FOR PREPARATION USED IN THE TREATMENT OF COUGHS, HOARSENESS, AND MINOR IRRITATIONS OF THE THROAT WHEN THESE CONDITIONS ARE DUE TO COLDS.
Claims use since Jan. 3, 1923.

Ser. No. 537,688. CHARLES HARRISON CORPORATION, Lockport, N. Y. Filed Oct. 13, 1947.

MOWKA

FOR EMULSIFIED PREPARATION OF MEDICINAL INGREDIENTS IN MINERAL OIL FOR PRODUCING NORMAL INTESTINAL ACTION.
Claims use since May 1940.

Ser. No. 537,981. HATTIE CARNEGIE, INC., New York, N. Y. Filed Oct. 16, 1947.

Any Time

FOR PERFUMES.
Claims use since Jan. 1, 1946.

Ser. No. 537,982. HATTIE CARNEGIE, INC., New York, N. Y. Filed Oct. 16, 1947.

Any Where

FOR PERFUMES.
Claims use since Jan. 1, 1946.

CLASS 7
CORDAGE

Ser. No. 528,784. THE GRADY-TRAVERS COMPANY, INCORPORATED, New York, N. Y. Filed July 17, 1947.



The drawing is lined for green and gold. No claim is made to the representation of the rope.
FOR MANILA ROPE.
Claims use since Sept. 13, 1930.

Ser. No. 528,787. THE GRADY-TRAVERS COMPANY, INCORPORATED, New York, N. Y. Filed July 17, 1947.



No claim is made to the representation of the rope. The drawing is lined for the colors green and gold.
FOR COTTON AND MANILA FIBRE ROPE.
Claims use since Sept. 13, 1930.

CLASS 12

CONSTRUCTION MATERIALS

Ser. No. 492,613. THE ATLANTIC REFINING COMPANY, Philadelphia, Pa. Filed Oct. 1, 1947.

ATLACOTE

Applicant claims ownership of registration Nos. 119,631, 152,344, and 411,962.
FOR NON-STRIPPING ASPHALT FOR CONSTRUCTION PURPOSES.
Claims use since Aug. 8, 1945.

Ser. No. 529,628. THE GEORGIA MARBLE COMPANY, Tate, Ga. Filed July 26, 1947.

ETOWAH

FOR MARBLE CUT TO SIZE, FINISHED MARBLE, AND CUT STONE.
Claims use since 1885.

Ser. No. 529,629. THE GEORGIA MARBLE COMPANY, Tate, Ga. Filed July 26, 1947.

AMICALOLA

FOR MARBLE CUT TO SIZE, FINISHED MARBLE, AND CUT STONE.
Claims use since 1905.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 503,716. EUTECTIC WELDING ALLOYS CORPORATION, New York, N. Y. Filed Aug. 5, 1947.

FUSETEMP

FOR ALLOYS IN VARIOUS FORMS SUITABLE FOR WELDING, BRAZING, SOLDERING, AND HARD SURFACING OPERATIONS.
Claims use since June 1, 1946.

Ser. No. 527,119. METALS & CONTROLS CORPORATION, Attleboro, Mass. Filed July 5, 1947.

Fulflex

Applicant claims ownership of registration No. 335,218.
FOR THERMOSTATIC METAL.
Claims use since Oct. 11, 1934.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 514,218. THE OHIO BRASS COMPANY, Mansfield, Ohio. Filed July 14, 1947.



FOR ELECTRIC CAR COUPLERS, FOR TROLLEY POLE CATCHERS AND RETRIEVERS, TROLLEY POLE BASES, TROLLEY POLE BASES AND FOR TROLLEY HARPS, WHEELS, SHOES AND INSERTS FOR SHOES.
Claims use since Feb. 1, 1907.

Ser. No. 527,920. REYNOLDS ELECTRIC CO., Chicago, Ill. Filed July 5, 1947.

SKEDOODLE

FOR THERMOSTATIC FLASHERS.
Claims use since December 1902.

Ser. No. 529,632. GLOBE-UNION INC., Milwaukee, Wis. Filed July 26, 1947.

HI-VO-KAPS

FOR CERAMIC CAPACITORS.
Claims use since Dec. 20, 1946.

CLASS 27

HOROLOGICAL INSTRUMENTS

Ser. No. 527,044. EVKOB WATCH CO., New York, N. Y. Filed July 5, 1947.

EVKOB

Applicant claims ownership of registration No. 234,258.
FOR WATCHES.
Claims use since March 1922.

Ser. No. 530,106. MONARCH WATCH CO., INC., New York, N. Y. Filed July 31, 1947.



FOR WATCHES, WATCH MOVEMENTS, AND WATCH CASES.
Claims use since 1933.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Ser. No. 527,371. AARON E. JOHNSON, doing business as Aaron E. Johnson Jly. Mfg. Co., Minneapolis, Minn. Filed July 5, 1947. Under section 2f of the act of 1946.



Applicant claims ownership of registration No. 169,033.
FOR FINGER RINGS.
Claims use since Apr. 10, 1922.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Ser. No. 529,222. AMERICAN ARTISTS' COLOR WORKS, INC., Brooklyn, N. Y. Filed July 23, 1947.

INNESS

FOR ARTISTS' BRUSHES.
Claims use since July 1, 1947.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 514,956. INTERTYPE CORPORATION, Brooklyn, N. Y. Filed Sept. 2, 1947.

VISILITE

FOR CHANNELED OR PARTITIONED MAGAZINES, TRAYS OR SIMILAR STORAGE RECEPTACLES FOR MATRICES, PRINTING TYPE AND TYPE-CHARACTER-BEARING ELEMENTS SUCH AS USED IN THE GRAPHIC ARTS.
Claims use since Nov. 10, 1945.

CLASS 33

GLASSWARE

Ser. No. 530,242. OBEAR-NESTER GLASS CO., East St. Louis, Mo. Filed Aug. 1, 1947.



FOR GLASS BOTTLES.
Claims use since February 1895.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 530,497. GLOBE AMERICAN CORPORATION, Kokomo, Ind. Filed Aug. 5, 1947. Under section 2f of the act of 1946.

Dutch Oven

Applicant claims ownership of registration No. 325,925.
FOR GAS COOKING RANGES.
Claims use since Dec. 15, 1934.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 528,269. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio. Filed July 10, 1947.

= 400 =

FOR PNEUMATIC TIRES.
Claims use since May 15, 1939.

Ser. No. 530,964. CHAS. A. SCHIEREN COMPANY, New York, N. Y. Filed Aug. 9, 1947.

"Hi-Capacity"

Applicant claims ownership of registration No. 355,701.
FOR LEATHER BELTING, LEATHER PUMP PACKING, LEATHER FRICTION DISKS FOR USE IN MECHANICAL FRICTION DRIVES, VALVE DISKS, GASKETS, BELT LACINGS, AND LEATHER PUMP PLUNGERS.
Claims use since Oct. 30, 1936.

Ser. No. 530,967. CHAS. A. SCHIEREN COMPANY, New York, N. Y. Filed Aug. 9, 1947.



BULL'S HEAD

Applicant claims ownership of registration No. 78,646.
FOR LEATHER BELTING.
Claims use since Dec. 10, 1908.

Ser. No. 530,969. CHAS. A. SCHIEREN COMPANY, New York, N. Y. Filed Aug. 9, 1947.



Applicant claims ownership of registrations Nos. 64,559 and 115,230.
FOR LEATHER BELTING.
Claims use since 1896.

Ser. No. 532,061. CHAS. A. SCHIEREN COMPANY, New York, N. Y. Filed Aug. 21, 1947.

NUTAN

Applicant claims ownership of registration No. 168,793.
FOR LEATHER BELTING AND LEATHER PACKING.
Claims use since 1919.

CLASS 37

PAPER AND STATIONERY

Ser. No. 513,555. CLEVELANDT CORPORATION, New York, N. Y. Filed Aug. 7, 1947.

BALLERO

FOR FOUNTAIN PENS.
Claims use since Oct. 7, 1946.

Ser. No. 528,907. L. L. BROWN PAPER COMPANY, Adams, Mass. Filed July 19, 1947.

1849

FOR WRITING PAPER AND CORRESPONDENCE ENVELOPES.
Claims use since 1920.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 528,232. TESTED FEATURES, Kenilworth, Ill. Filed July 9, 1947.

TESTED TIPS

FOR ILLUSTRATED FEATURES PUBLISHED IN NEWSPAPERS AND PERIODICALS.
Claims use since Apr. 22, 1947.

Ser. No. 528,233. TESTED FEATURES, Kenilworth, Ill. Filed July 9, 1947.

RIGHT OR WRONG?

FOR ILLUSTRATED FEATURES PUBLISHED IN NEWSPAPERS AND PERIODICALS.
Claims use since Apr. 22, 1947.

Ser. No. 535,600. THE PARENTS' INSTITUTE, INC., New York, N. Y. Filed Sept. 24, 1947.

TWENTY ONE

FOR MAGAZINE FOR YOUNG MEN TO BE PUBLISHED QUARTERLY.
Claims use since June 10, 1947.

CLASS 39

CLOTHING

Ser. No. 529,522. HUBBARD PAINTS COMPANY, INC., Bremen, Ga. Filed July 11, 1947.

TROPIC-SNOW

FOR MEN'S AND BOYS' PANTS, SLACK SUITS AND SPORT SHIRTS.
Claims use since Sept. 24, 1945.

Ser. No. 529,657. JULIUS KAYSER & Co., New York, N. Y. Filed July 26, 1947. Under section 2f of the act of 1946.

LEATHERETTE

Applicant claims ownership of registration No. 229,011.
FOR FABRIC GLOVES.
Claims use since February 1913.

Ser. No. 530,280. ATLAS LINGERIE CO., New York, N. Y. Filed Aug. 2, 1947.

Atlico

FOR LINGERIE—NAMELY, SLIPS, NIGHTGOWNS, PAJAMAS, PANTIES, CHEMISES, AND DANCE SETS.
Claims use since May 13, 1947.

Ser. No. 530,532. THE "LINDA" COMPANY, Los Angeles, Calif. Filed Aug. 5, 1947.

Linda

Applicant claims ownership of registration No. 364,161.
FOR ROBES, NEGLIGEES, LOUNGING PAJAMAS, SMOCKS, HOUSECOATS, DRESSES, AND BED JACKETS FOR WOMEN, MISSES, AND CHILDREN.
Claims use since Feb. 1, 1916.

Ser. No. 531,218. LEADING FOUNDATIONS CO., INC., New York, N. Y. Filed Aug. 13, 1947.

"Under Wonder"

FOR LINGERIE—NAMELY, PANTIES, GIRDLES, BRASSIÈRES, BANDEAUX, CORSELETS, GARTER BELTS, AND SLIPS.
Claims use since Aug. 1, 1947.

Ser. No. 531,964. VAN RAALTE COMPANY, INC., New York, N. Y. Filed Aug. 20, 1947.

FRIVOL

FOR WOMEN'S HOSIERY AND UNDERWEAR.
Claims use since February 1932.

Ser. No. 538,988. WIMELBACHER & RICE INC., New York, N. Y. Filed Oct. 24, 1947.

DUO ANGEL SUEDE

No claim is made to the word "Suede." Applicant claims ownership of registrations Nos. 316,024 and 401,583.
FOR LEATHER AND FABRIC GLOVES.
Claims use since 1935.

Ser. No. 538,991. WIMELBACHER & RICE INC., New York, N. Y. Filed Oct. 24, 1947.

GOALEE

Applicant claims ownership of registration No. 390,705.
FOR LADIES' LEATHER AND FABRIC GLOVES.
Claims use since May 12, 1941.

Ser. No. 538,992. WIMELBACHER & RICE INC., New York, N. Y. Filed Oct. 24, 1947.

HAN MOUL

Applicant claims ownership of registration No. 330,145.
FOR LEATHER AND FABRIC GLOVES.
Claims use since July 1, 1934.

Ser. No. 538,996. WIMELBACHER & RICE INC., New York, N. Y. Filed Oct. 24, 1947.

MOP-EMS

Applicant claims ownership of registration No. 390,706.
FOR LADIES' LEATHER AND FABRIC GLOVES.
Claims use since May 9, 1941.

Ser. No. 539,004. WIMELBACHER & RICE INC., New York, N. Y. Filed Oct. 24, 1947.

SHADOW PLEX

Applicant claims ownership of registration No. 240,043.
FOR KID AND FABRIC GLOVES.
Claims use since Aug. 10, 1926.

Ser. No. 539,005. WIMELBACHER & RICE INC., New York, N. Y. Filed Oct. 24, 1947.

SINGLE PLEX

Applicant claims ownership of registration No. 283,893.
FOR LEATHER AND FABRIC GLOVES.
Claims use since 1924.

Ser. No. 539,006. WIMELBACHER & RICE INC., New York, N. Y. Filed Oct. 24, 1947.

SNUG-EMS

No claim is made to the word "Snug" except in the association shown.
Applicant claims ownership of registration No. 408,703.
FOR LADIES' FABRIC GLOVES.
Claims use since Mar. 15, 1942.

Ser. No. 539,010. WIMELBACHER & RICE INC., New York, N. Y. Filed Oct. 24, 1947.

UNI PLEX

Applicant claims ownership of registration No. 281,942.
FOR FABRIC GLOVES.
Claims use since 1920.

Ser. No. 539,011. WIMELBACHER & RICE INC., New York, N. Y. Filed Oct. 24, 1947.

WEAR RIGHT

Applicant claims ownership of registrations Nos. 111,543, 281,458, and 430,587.
FOR LEATHER AND FABRIC GLOVES.
Claims use since 1907.

Ser. No. 539,537. THE MCKAY PRODUCTS CORPORATION, Baltimore, Md. Filed Oct. 30, 1947.

Suspants

FOR LADIES' AND CHILDREN'S UNDERWEAR.
Claims use since Aug. 6, 1947.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 533,674. THE GLEMBY COMPANY, INC., New York, N. Y. Filed Sept. 6, 1947.

Beautee

Applicant claims ownership of registration No. 311,096.
FOR COMBS.
Claims use since June 20, 1947.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 510,468. AMERICAN WOOLEN COMPANY, New York, N. Y. Filed Aug. 27, 1947.

PURITAN

Applicant claims ownership of registration No. 87,028.
FOR WOOLEN PIECE GOODS.
Claims use since Jan. 1, 1912.

Ser. No. 511,289. REDWINE & STRAIN, INC., Dalton, Ga. Filed Aug. 19, 1947.



FOR BEDSPREADS.
Claims use since Sept. 26, 1946.

Ser. No. 535,159. JOSÈF KNITTED FABRICS COMPANY INCORPORATED, West Warren, Mass., and New York, N. Y. Filed Sept. 20, 1947.

Josèf

FOR KNITTED FABRICS OF COTTON, WOOL, RAYON AND/OR COMBINATIONS THEREOF AND KNITTED LACE ALL SOLD AS PIECE GOODS.
Claims use since December 1930.

Ser. No. 535,966. HOUGH SHADE CORPORATION, Janesville, Wis. Filed Sept. 27, 1947.

RA-TOX

Applicant claims ownership of registrations Nos. 162,086 and 162,271.
FOR WINDOW CURTAINS OF FABRIC.
Claims use since February 1943.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 527,349. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed July 5, 1947.

MILKY-WAY

Applicant claims ownership of registrations Nos. 124,440 and 129,123.
FOR CATTLE FOOD, PARTICULARLY FOR MILK-PRODUCING ANIMALS AND THEIR YOUNG.
Claims use since Aug. 29, 1918.

Ser. No. 527,358. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed July 5, 1947.

EL RYAD

Applicant claims ownership of registration No. 81,800.
FOR COFFEE.
Claims use since 1891.

Ser. No. 527,814. ATLANTIC COMMISSION CO. INC., New York, N. Y. Filed July 5, 1947.

REGALO

Applicant claims ownership of registration No. 316,562.
FOR SALTED PEANUTS, ROASTED PEANUTS, WALNUT MEATS, PECAN MEATS, SALTED SHELLED CASHEWS, SHELLED ALMONDS, SHELLED FILBERTS, AND PACKAGED SOUP GREENS.
Claims use since June 1940 on the enumerated nut products; and since October 1940 on the soup greens.

Ser. No. 529,197. DON PAULUS, doing business as Don Paulus Company, El Centro, Calif. Filed July 22, 1947.

Sign Post



FOR FRESH MELONS AND FRESH VEGETABLES.
Claims use since Dec. 4, 1946, on fresh vegetables; and since June 2, 1947, on fresh melons.

Ser. No. 531,007. THE HOUSE OF BAUER, doing business as Bauer's, Lincoln, Nebr. Filed Aug. 11, 1947.

"the farmer's daughter"

FOR CANDY.
Claims use since September 1946.

Ser. No. 531,008. THE HOUSE OF BAUER, doing business as Bauer's, Lincoln, Nebr. Filed Aug. 11, 1947.

The Traveling Salesman

FOR CANDY.
Claims use since 1936.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 510,829. RUBY F. COLWELL, doing business as Colwell Products Co., Los Angeles, Calif. Filed July 5, 1947.

EKLIPS

FOR GARMENT HANGERS.
Claims use since Oct. 2, 1946.

CLASS 55

SERVICES

Ser. No. 527,387. THE ROBERT DOLLAR CO., San Francisco, Calif. Filed July 5, 1947.

DOLLAR LINE

The word "Line" is disclaimed apart from the mark.
FOR WATER TRANSPORTATION OF CARGO AND PASSENGERS.
Claims use since 1890 as to "Dollar"; and since January 1919 as to "Dollar Line."

Ser. No. 527,395. THE ROBERT DOLLAR CO., San Francisco, Calif. Filed July 5, 1947.



The drawing is lined for red.
FOR WATER TRANSPORTATION OF CARGO AND PASSENGERS.
Claims use since June 1892.

Ser. No. 527,584. THE MUTUAL BENEFIT LIFE INSURANCE COMPANY, Newark, N. J. Filed July 5, 1947.



FOR SERVICES IN PROVIDING LIFE INSURANCE PROTECTION AND GUARANTEED INCOME TO ANNUITANTS AND BENEFICIARIES.
Claims use since 1847.

TRADE-MARK REGISTRATIONS GRANTED

ACT OF 1905

MARCH 23, 1948

437,413. FOOD FLAVORING EXTRACTS FOR BAKING PURPOSES AND FOR ICE-CREAM MANUFACTURE, ETC. BROWN-ROGERS-DIXSON CO., Winston-Salem, N. C.
Filed August 10, 1943. Serial No. 462,633. PUBLISHED NOVEMBER 12, 1946. Class 46.

437,414. OPHTHALMIC MOUNTINGS. SHURON OPTICAL COMPANY, INC., Geneva, N. Y.
Filed April 1, 1944. Serial No. 468,930. PUBLISHED DECEMBER 16, 1947. Class 26.

437,415. FIBREBOARD SHIPPING AND PACKING BOXES. CLARENCE A. GONDERT, doing business as Lewisburg Container Company, Lewisburg, Ohio.
Filed August 30, 1944. Serial No. 473,733. PUBLISHED JANUARY 6, 1948. Class 2.

437,416. STATIONARY DRUM AND CABLE HOISTS AND QUARRY DRAG BUCKETS. GENERAL MACHINERY COMPANY, Spokane, Wash.
Filed November 1, 1944. Serial No. 475,952. PUBLISHED DECEMBER 9, 1947. Class 23.

437,417. PIECE GOODS OF RAYON. FRANKLY FABRICS CORP., New York, N. Y.
Filed December 11, 1944. Serial No. 477,411. PUBLISHED DECEMBER 9, 1947. Class 42.

437,418. AIRPLANE PROPELLERS, PROPELLER HUBS, AND PROPELLER ASSEMBLIES. KOPPERS COMPANY, INC., doing business as Bartlett Hayward Division, Baltimore, Md.
Filed February 12, 1945. Serial No. 479,715. PUBLISHED NOVEMBER 25, 1947. Class 19.

437,419. UNDERGROUND MINING CONVEYORS OF ALL TYPES—NAMELY, SHAKER CONVEYORS, BELT CONVEYORS, CHAIN CONVEYORS; DRIVING MECHANISMS COMPRISING, GENERALLY, A BASE, MOTOR, GEARING AND DRIVING CONNECTIONS FOR ACTUATING SAID CONVEYORS, ETC. LA-DEL CONVEYOR & MANUFACTURING COMPANY, New Philadelphia, Ohio, now by merger Joy Manufacturing Company, a corporation of Pennsylvania.
Filed February 16, 1945. Serial No. 479,881. PUBLISHED DECEMBER 30, 1947. Class 23.

437,420. PAINTS IN DRY AND PASTE FORM FOR PROTECTION OF METALLIC SURFACES, AND PAINT PIGMENTS AND PAINT ENAMELS. DIMET PROPRIETARY LIMITED, Melbourne, Victoria, Australia.
Filed February 21, 1945. Serial No. 480,050. PUBLISHED NOVEMBER 4, 1947. Class 16.

437,421. FILES. NICHOLSON FILE COMPANY, Providence, R. I.
Filed April 20, 1945. Serial No. 482,387. PUBLISHED JANUARY 6, 1948. Class 23.

437,422. FOODS AND SUBSTANCES USED AS INGREDIENTS OF FOODS—NAMELY, CANDY, CHOCOLATE CANDY, NOUGAT, COMFITS, BONBONS, CANDIED FRUITS, CHOCOLATE, COCOA, ETC. ELISEO VILAPLANA, Buenos Aires, Argentina.
Filed July 17, 1945. Serial No. 485,932. PUBLISHED DECEMBER 16, 1947. Class 46.

437,423. FARM MACHINERY—NAMELY, PLOWS, CULTIVATORS, FOOD CHOPPERS, AND PELLET FORMING MACHINES FOR STOCK FEED. IRON FIREMAN MANUFACTURING COMPANY, Portland, Oreg.
Filed July 30, 1945. Serial No. 486,488. PUBLISHED DECEMBER 9, 1947. Class 23.

437,424. MATERIALS-HANDLING EQUIPMENT ACTUATED HORIZONTALLY OR FOR LIFTING PURPOSES MANUALLY OR BY OR WITH THE AID OF MOUNTED POWER UNITS (INCLUDING MECHANICAL OR HYDRAULIC EQUIPMENT), ETC. LEWIS-SHEPARD PRODUCTS INC., Watertown, Mass.
Filed August 9, 1945. Serial No. 486,960. PUBLISHED JANUARY 6, 1948. Class 23.

437,425. GLASS CUTTERS, WOOD SCRAPERS, SANDPAPER HOLDERS FOR HAND USE, RAZOR BLADE SCRAPERS, PUTTY KNIVES, WALL SCRAPERS, LINOLEUM KNIVES, ETC. RED DEVIL TOOLS, Irvington, N. J.
Filed October 23, 1945. Serial No. 490,398. PUBLISHED DECEMBER 16, 1947. Class 23.

437,426. COTTON SHEETING, SHEETS, AND PILLOW CASES. NAUMKEAG STEAM COTTON COMPANY, Salem, Mass.
Filed October 30, 1945. Serial No. 490,761. PUBLISHED MARCH 26, 1946. Class 42.

437,427. HYDRAULICALLY OPERATED VEHICLE WINDOW REGULATORS, HYDRAULICALLY OPERATED VEHICLE SEAT ADJUSTERS, AND HYDRAULIC MECHANISMS FOR OPERATING CONVERTIBLE TOPS FOR VEHICLES. DETROIT HARVESTER COMPANY, Detroit, Mich.
Filed December 5, 1945. Serial No. 492,690. PUBLISHED JANUARY 6, 1948. Class 23.

437,428. AUTOMATIC REFRIGERATED VENDING MACHINES, REFRIGERATED DISPENSING MACHINES, AND SEMI-AUTOMATIC REFRIGERATED DISPENSING MACHINES. VICTOR SYRUP CORPORATION, New York, N. Y.
Filed December 11, 1945. Serial No. 493,085. PUBLISHED DECEMBER 9, 1947. Class 23.

437,429. FIBREBOARD SHIPPING BOXES, CARTONS, AND CRATES HAVING A SUPPLEMENTARY CLEAT AT ONE OR MORE OF THE EDGES THEREOF. THE MENGEL COMPANY, Louisville, Ky.
Filed December 15, 1945. Serial No. 493,376. PUBLISHED JANUARY 6, 1948. Class 2.

437,430. HAND TOOLS FOR ARTISANS—NAMELY, BREAST TOOLS, SCREWDRIVERS, HAMMERS, BRADAWLS, GIMLETS, CENTRE PUNCHES, SPANNERS, WRENCHES, PLIERS, PINCERS, SECCATEURS, HACKSAWS, SHEARS, AND PARTS THEREOF. SETTEN & DURWARD LIMITED, Birmingham, England.
Filed January 9, 1946. Serial No. 494,522. PUBLISHED DECEMBER 16, 1947. Class 23.

437,431. FRUIT AND VEGETABLE HAND-PARING TOOL. LAWRENCE C. DOMACK, Elmwood Park, Ill.
Filed January 16, 1946. Serial No. 494,824. PUBLISHED DECEMBER 9, 1947. Class 23.

437,432. BASE METAL, TUBULAR, VALVE-CONTROLLED, PERFUME DISPENSER, SOLD EMPTY IN TRADE. MAURICE TRAPET, also doing business as Karl Sent of Hollywood, Los Angeles, Calif., assignors to Herman Graves, Los Angeles, Calif.
Filed February 2, 1946. Serial No. 495,914. PUBLISHED JANUARY 6, 1948. Class 2.

437,433. ACID AND ALKALI PROOF PLASTIC PAINT PRODUCT. NUKEM PRODUCTS CORPORATION, Buffalo, N. Y.
Filed February 13, 1946. Serial No. 496,516. PUBLISHED OCTOBER 29, 1946. Class 16.

437,434. DISPENSING CABINETS FOR PAPER TOWELS, TOILET PAPER, AND PAPER TOILET-SEAT COVERS, AND WASTE CANS. A. P. W. PRODUCTS COMPANY, INC., Albany, N. Y.
Filed February 16, 1946. Serial No. 496,680. PUBLISHED JANUARY 6, 1948. Class 2.

437,435. AUTOMOBILE WAX AND CLEANER. WALTER F. STOCKING, doing business as Brazil Wax Co., Santa Monica, Calif.
Filed February 19, 1946. Serial No. 496,932. PUBLISHED OCTOBER 21, 1947. Class 16.

437,436. MEAT FOOD FOR DOGS AND OTHER CARNIVOROUS ANIMALS. CANINE FOOD AND PRODUCTS CO., Philadelphia, Pa.
Filed February 27, 1946. Serial No. 497,294. PUBLISHED DECEMBER 16, 1947. Class 46.

437,437. DECORATED WOODEN TRAYS, WOODEN SALAD AND NUT BOWLS, WOODEN TRAYS WITH HOLDERS FOR BEVERAGE GLASSES; AND BASKETS. HOME & HOBBY HOUSE, Orlando, Fla.
Filed February 28, 1946. Serial No. 497,389. PUBLISHED JANUARY 6, 1948. Class 2.

437,438. CONDIMENT—NAMELY, A LIQUID OR SEMI-LIQUID PREPARATION EXTRACTED FROM TURMERIC. S. B. PENICK & COMPANY, New York, N. Y.
Filed February 28, 1946. Serial No. 497,407. PUBLISHED DECEMBER 16, 1947. Class 46.

437,439. FEEDS FOR LIVESTOCK AND POULTRY—NAMELY, DAIRY RATION, HORSE AND MULE FEED, SWEET FEED, SCRATCH GRAINS, HOG AND PIG RATION, LAYING MASH, GROWING MASH, AND STARTING MASH. CITY MILLS COMPANY, Columbus, Ga.
Filed March 5, 1946. Serial No. 497,651. PUBLISHED DECEMBER 16, 1947. Class 46.

437,440. SLEEPING BAGS IN THE NATURE OF BEDS WITH PROTECTIVE CANOPIES FOR CAMPING PURPOSES, AND FOR BED ROLLS FOR CAMPING PURPOSES. C. R. DANIELS, INC., Baltimore, Md.
Filed March 19, 1946. Serial No. 498,506. PUBLISHED OCTOBER 28, 1947. Class 22.

437,441. HAND-OPERATED FIELD, GARDEN, AND LAWN TOOLS—NAMELY, AXES, CULTIVATORS, WEED AND SOD CUTTERS, DRAGS, LAWN EDGERS, FORKS, HOES, RAKES, SCOOPS, SCRAPERS, SHOVELS, TROWELS, WEEDERS AND TOOL HANDLES, AND PARTS THEREOF. THE UNION FORK & HOE COMPANY, Columbus, Ohio.
Filed March 25, 1946. Serial No. 498,949. PUBLISHED DECEMBER 30, 1947. Class 23.

437,442. SHIPS' PROPELLERS. AKTIEBOLAGET KARLSTADS MEKANISKA WERKSTAD, Karlstad, Sweden.
Filed April 4, 1946. Serial No. 499,596. PUBLISHED NOVEMBER 11, 1947. Class 19.

437,443. STABILIZER FOR USE IN ICE CREAM MANUFACTURE. KRAFT FOODS COMPANY, Chicago, Ill.
Filed April 4, 1946. Serial No. 499,636. PUBLISHED OCTOBER 15, 1946. Class 46.

437,444. COFFEE. AUGUST S. TORRES, Kinderhook, N. Y.
Filed April 9, 1946. Serial No. 499,927. PUBLISHED OCTOBER 14, 1947. Class 46.

437,445. PORTABLE APPARATUS FOR PRODUCING LIQUID OXYGEN, EXPANSION ENGINES FOR USE IN PRODUCING LIQUID OXYGEN, EVACUATORS FOR MAINTAINING INSULATING VACUUM IN LIQUEFIED GAS TANKS, AND APPARATUS FOR VAPORIZING LIQUID OXYGEN. THE LINDE AIR PRODUCTS COMPANY, New York, N. Y.
Filed April 15, 1946. Serial No. 500,230. PUBLISHED DECEMBER 23, 1947. Class 23.

437,446. OPTICAL LENSES. EASTMAN KODAK COMPANY, Rochester, N. Y., and Flemington, N. J.
Filed April 17, 1946. Serial No. 500,376. PUBLISHED DECEMBER 16, 1947. Class 26.

437,447. GRANULATED POWDER CAPABLE OF BEING DISSOLVED IN MILK OR MILK AND WATER TO SERVE AS A FOOD BEVERAGE COMPRISING NOT ONLY VITAMINS BUT EXTRACT OF MALT, MILK, HONEY, SUGAR, AND COCOA. HACO GESELLSCHAFT A. G., Gumligen, near Berne, Switzerland.
Filed April 22, 1946. Serial No. 500,654. PUBLISHED DECEMBER 23, 1947. Class 46.

437,448. SHEET METAL WARE—VIZ., SPOONS, SCOOPS; CARBONATOR, EVAPORATING AND FREEZER SHELLS FOR USE AS AN INTEGRAL PART OF CARBONATING AND EVAPORATING MACHINES; AND CAKE TURNERS, DIPPERS, AND LADLES. LALANCE & GROSJEAN MFG. CO., Woodhaven, N. Y.
Filed April 24, 1946. Serial No. 500,807. PUBLISHED DECEMBER 23, 1947. Class 23.

437,449. AN INFANT CARRYING SLING BORNE ON THE SHOULDERS OF THE PERSON CARRYING THE INFANT. LOIS WHATMORE, doing business as Kiddypal Products, South Norwalk, Conn.
Filed April 30, 1946. Serial No. 501,222. PUBLISHED DECEMBER 9, 1947. Class 19.

437,450. AUTOMATIC TEMPERATURE CONTROL UNITS FOR ELECTRICALLY HEATED BLANKETS AND SIMILAR DEVICES. THE MCLAUGHLIN COMPANY, Piqua, Ohio.
Filed May 10, 1946. Serial No. 501,857. PUBLISHED NOVEMBER 25, 1947. Class 26.

437,451. VEHICLE MOUNTED FOG PROJECTING FIRE FIGHTING APPARATUS. FOOD MACHINERY CORPORATION, San Jose, Calif.
Filed May 13, 1946. Serial No. 501,968. PUBLISHED DECEMBER 16, 1947. Class 23.

437,452. TRACTOR CABS. TOKHEIM OIL TANK AND PUMP COMPANY, Fort Wayne, Ind.
Filed May 27, 1946. Serial No. 502,856. PUBLISHED DECEMBER 16, 1947. Class 23.

437,453. MACHINE TOOLS—NAMELY, JIG BORERS, DRILLING, BORING, AND MILLING MACHINES. SOCIÉTÉ GENEVOISE D' INSTRUMENTS DE PHYSIQUE, Geneva, Switzerland.
Filed June 12, 1946. Serial No. 503,765. PUBLISHED JANUARY 6, 1948. Class 23.

437,454. TRUCK BODIES. ELECTRIC BOAT COMPANY, Groton, Conn.
Filed July 25, 1946. Serial No. 506,233. PUBLISHED DECEMBER 2, 1947. Class 19.

437,455. FISHING LINES. POWERLINE TACKLE COMPANY, Grand Rapids, Mich.
Filed July 26, 1946. Serial No. 506,341. PUBLISHED OCTOBER 28, 1947. Class 22.

437,456. BICYCLES. ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y.
Filed August 2, 1946. Serial No. 506,726. PUBLISHED NOVEMBER 4, 1947. Class 19.

437,457. HAND ABRASIVE SANDING TOOLS, METAL CAN PERFORATORS. MATTHEW P. GLOWACKI, doing business as Cello Bag Company, Chicago, Ill.
Filed August 3, 1946. Serial No. 506,813. PUBLISHED DECEMBER 9, 1947. Class 23.

437,458. TONGS FOR GENERAL UTILITY. GOODMAN-KLEINER CO. INC., New York, N. Y.
Filed August 7, 1946. Serial No. 507,000. PUBLISHED DECEMBER 23, 1947. Class 23.

437,459. DEXTROSE FOR FOOD PURPOSES. CORN PRODUCTS REFINING COMPANY, New York, N. Y.
Filed August 24, 1946. Serial No. 507,969. PUBLISHED DECEMBER 23, 1947. Class 46.

437,460. PAPER TOWEL DISPENSERS AND TOILET PAPER DISPENSERS OF THE CABINET TYPE. MORTON WHITE & COMPANY, Vancouver, British Columbia, Canada.
Filed September 13, 1946. Serial No. 509,063. PUBLISHED JANUARY 6, 1948. Class 2.

437,461. MACHINES FOR CUTTING FOOD SUCH AS MEAT, VEGETABLES, FRUIT, CHEESE, AND THE LIKE. C. E. DIPPEL & COMPANY, INC., New York, N. Y.
Filed September 18, 1946. Serial No. 509,268. PUBLISHED DECEMBER 9, 1947. Class 23.

437,462. MINIATURE AIRPLANES FOR MODEL BUILDERS AND HOBBYISTS. ROY C. BROWN, doing business as Trojan Novelties, Troy, Ohio.
Filed September 21, 1946. Serial No. 509,499. PUBLISHED OCTOBER 28, 1947. Class 22.

437,463. ELECTRONIC MEASURING INSTRUMENTS—NAMELY, VOLT- OHM- MILLIAMMETERS. ELECTRONIC MEASUREMENTS CORPORATION, New York, N. Y.
Filed September 24, 1946. Serial No. 509,641. PUBLISHED DECEMBER 23, 1947. Class 26.

437,464. METAL CUTTING TOOLS FOR USE IN THE FOLLOWING MACHINES: LATHES, SHAPING MACHINES, SLOTTING MACHINES, MILLING MACHINES, PLANING MACHINES, DRILLING MACHINES, AND LIKE MACHINERY. WILLIAM JESSOP & SONS LIMITED, Sheffield, England.
Filed October 3, 1946. Serial No. 510,175. PUBLISHED DECEMBER 16, 1947. Class 23.

437,465. GASOLINE SELF-MEASURING PUMPS. WILLIAM M. WILSON'S SONS, INC., Lansdale, Pa.
Filed October 4, 1946. Serial No. 510,291. PUBLISHED DECEMBER 2, 1947. Class 26.

437,466. LEATHER BILLFOLDS. AMERICAN CALENDAR COMPANY, Greeneville, Tenn.
Filed November 1, 1946. Serial No. 511,852. PUBLISHED JANUARY 6, 1948. Class 3.

437,467. REPLACEMENT FILTERING ELEMENTS FOR GASOLINE FILTERS FOR INTERNAL COMBUSTION ENGINES. GENERAL MOTORS CORPORATION, Detroit, Mich.
Filed December 13, 1946. Serial No. 514,195. PUBLISHED JANUARY 6, 1948. Class 23.

437,468. VACUUM GAUGES AND INSTRUMENTS FOR MEASURING, INDICATING, OR RECORDING VACUUMS. GEORGE E. FREDERICKS COMPANY, Bethayres, Pa.
Filed December 14, 1946. Serial No. 514,265. PUBLISHED DECEMBER 23, 1947. Class 26.

437,469. OIL FILTER CARTRIDGES SOLD AS ENGINE ACCESSORIES. THE AMERICAN OIL COMPANY, Baltimore, Md.
Filed December 17, 1946. Serial No. 514,404. PUBLISHED DECEMBER 23, 1947. Class 23.

437,470. ELECTRICALLY HEATED STYLI FOR USE IN RECORDING APPARATUS. POLYCHROME CORPORATION, Yonkers, N. Y.
Filed December 18, 1946. Serial No. 514,490. PUBLISHED DECEMBER 23, 1947. Class 26.

437,471. TROWELS, GARDEN FORKS, WEEDERS, SPUDDERS, TRANSPLANTING TROWELS, AND CARPENTERS' PLANES. THE METAL PRODUCTS CORPORATION, West Haven, Conn.
Filed December 27, 1946. Serial No. 514,904. PUBLISHED DECEMBER 23, 1947. Class 23.

437,472. PLOWS AND PARTS THEREOF. THE OLIVER CORPORATION, Chicago, Ill.
Filed December 31, 1946. Serial No. 515,130. PUBLISHED JANUARY 6, 1948. Class 23.

437,473. METALLIC BULK TANKS AND CYLINDERS FOR LIQUEFIED PETROLEUM GASES, ETC. ANCO MANUFACTURING & SUPPLY COMPANY, Tulsa, Okla.
Filed January 7, 1947. Serial No. 515,360. PUBLISHED MAY 6, 1947. Class 2.

437,474. PNEUMATIC DRILLS. PNEUMATIC TOOL SALES & REPAIR CO., INC., Long Island City, N. Y.
Filed January 8, 1947. Serial No. 515,448. PUBLISHED JANUARY 6, 1948. Class 23.

437,475. MECHANICAL APPARATUS AND PARTS THEREOF FOR LOOSENING TIRE BEADS FROM WHEEL RIMS AND FOR THRUSTING THE TIRES FREE THEREFROM IN THE REMOVAL OF PNEUMATIC TIRES FROM WHEELS. THE WATS MANUFACTURING ENTERPRISES, Miami, Fla.
Filed January 10, 1947. Serial No. 515,593. PUBLISHED JANUARY 6, 1948. Class 23.

437,476. OIL FILTER CARTRIDGES SOLD AS ENGINE ACCESSORIES. THE AMERICAN OIL COMPANY, Baltimore, Md.
Filed January 31, 1947. Serial No. 516,654. PUBLISHED DECEMBER 23, 1947. Class 23.

437,477. LATHES. F. A. SMITH MANUFACTURING CO., INC., Rochester, N. Y.
Filed February 1, 1947. Serial No. 516,797. PUBLISHED JANUARY 6, 1948. Class 23.

437,478. MEDICINAL PREPARATION FOR THE PREVENTION AND TREATMENT OF MOTION SICKNESS. MULTIPRODUCTS COMPANY, INC., Washington, D. C.
Filed February 4, 1947. Serial No. 516,909. PUBLISHED DECEMBER 23, 1947. Class 6.

437,479. LUBRICATORS OF THE GRAVITY FEED, WICK FEED, PRESSURE, AND FLOATING RING TYPES, FOR SHAFT BEARINGS. NATIONAL INDUSTRIAL PRODUCTS CORPORATION, Wilkinsburg, Pa.
Filed March 3, 1947. Serial No. 518,420. PUBLISHED DECEMBER 23, 1947. Class 23.

437,480. YARN OF WOOL AND NYLON HAVING A WOOL PLATING AND A NYLON CORE. SPUN FIBERS, INC., Lenoir, N. C.
Filed March 12, 1947. Serial No. 518,918. PUBLISHED JANUARY 6, 1948. Class 43.

437,481. SKI LACQUER. THE SIXTY SALES CORPORATION, Hartford, Conn.
Filed March 20, 1947. Serial No. 519,349. PUBLISHED OCTOBER 28, 1947. Class 16.

437,482. CLUTCHES OF THE CENTRIFUGAL TYPE USED FOR MAKING A DRIVING CONNECTION BETWEEN A DRIVING MEMBER AND A DRIVEN MEMBER. N. BRUCE WILSON, doing business as Automatic Clutch Corporation of Canada, Toronto, Ontario, Canada.
Filed March 29, 1947. Serial No. 519,848. PUBLISHED DECEMBER 9, 1947. Class 23.

437,483. HAND SHOVELS, SCOOPS, AND SPADES. MAGOR CAR CORPORATION, New York, N. Y., and Passaic, N. J.
Filed March 31, 1947. Serial No. 519,883. PUBLISHED JANUARY 6, 1948. Class 23.

437,484. HAND SHOVELS, SCOOPS, AND SPADES. MAGOR CAR CORPORATION, New York, N. Y., and Passaic, N. J.
Filed March 31, 1947. Serial No. 519,885. PUBLISHED JANUARY 6, 1948. Class 23.

437,485. POWER DRIVEN CUTTING MACHINES—NAMELY, BRUSH CUTTERS, RAG CUTTERS, AND CUTTING KNIVES THEREFOR. CARROLL E. MILLER, doing business as Daniels Machine Company, Windsor, Vt.
Filed April 1, 1947. Serial No. 519,972. PUBLISHED DECEMBER 23, 1947. Class 23.

437,486. NUT SHELLING MACHINES. PEKOR IRON WORKS, Columbus, Ga.
Filed April 4, 1947. Serial No. 520,177. PUBLISHED DECEMBER 9, 1947. Class 23.

437,487. GLAZING COMPOUND, SUITABLE FOR GLAZING PAINTED OR UNPAINTED SURFACES. COVE CREEK INDUSTRIES, INC., Covesville, Va.
Filed April 8, 1947. Serial No. 520,324. PUBLISHED NOVEMBER 4, 1947. Class 16.

437,488. PRINTERS' ROLLERS. WILLIAM L. LEWIS, doing business as Motor City Roller Co., Detroit, Mich.
Filed April 11, 1947. Serial No. 520,512. PUBLISHED DECEMBER 9, 1947. Class 23.

437,489. RECEPTACLES—NAMELY, INSULATED ICE BUCKETS MADE OF WOOD. MEARS & HEMINGWAY SPECIALTIES, Norfolk, Va.
Filed April 18, 1947. Serial No. 520,958. PUBLISHED JANUARY 6, 1948. Class 2.

437,490. CANNED BEANS, PREPARED MEXICAN STYLE. LEVERTON AND COMPANY, Houston, Tex.
Filed April 22, 1947. Serial No. 521,141. PUBLISHED DECEMBER 9, 1947. Class 46.

437,491. MEDICINAL PREPARATION FOR THE PREVENTION AND TREATMENT OF MOTION SICKNESS, PROPHYLAXIS AND RELIEF IN SIMPLE CASES OF NAUSEA AND EMESIS IN EARLY PREGNANCY. MULTIPRODUCTS COMPANY, INC., Washington, D. C.
Filed April 23, 1947. Serial No. 521,201. PUBLISHED DECEMBER 23, 1947. Class 6.

437,492. HAND PUNCH BRAD-DRIVING TOOLS. MARKWELL MFG. CO., INC., New York, N. Y.
Filed April 24, 1947. Serial No. 521,267. PUBLISHED DECEMBER 23, 1947. Class 23.

437,493. TIRE PAINT. WINDSOR LLOYD PRODUCTS, INC., Philadelphia, Pa.
Filed May 1, 1947. Serial No. 521,706. PUBLISHED NOVEMBER 11, 1947. Class 16.

437,494. THREAD AND YARNS MADE OF VARIOUS SYNTHETIC RESINS. MONSANTO CHEMICAL COMPANY, St. Louis, Mo.
Filed May 2, 1947. Serial No. 521,749. PUBLISHED JANUARY 6, 1948. Class 43.

437,495. PISTONS. WILLIAM JAHNS, JR., doing business as Jahns Engineering Company, Los Angeles, Calif.
Filed May 9, 1947. Serial No. 522,169. PUBLISHED JANUARY 6, 1948. Class 23.

437,496. GOLF CLUBS. ELVIN M. BRIGHT, doing business as Merilite Products Company, Milwaukee, Wis.
Filed May 15, 1947. Serial No. 522,413. PUBLISHED OCTOBER 28, 1947. Class 22.

437,497. APPARATUS FOR REGISTERING FLAT BED PRINTING PLATES WITH THEIR CORRESPONDING FIXED REGISTRY ELEMENTS. H. H. HEINRICH, INC., New York, N. Y.
Filed June 3, 1947. Serial No. 523,468. PUBLISHED DECEMBER 23, 1947. Class 23.

437,498. MACHINE OPERATED DETACHABLE STUMPERS AND ROOT RAKES. FLORIDA LAND CLEARING EQUIPMENT CO., Jacksonville, Fla.
Filed June 4, 1947. Serial No. 523,516. PUBLISHED JANUARY 6, 1948. Class 23.

437,499. TOY BALLOONS AND WIND-OPERATED SOUND EMITTING TOYS SUCH AS BALLOON-OPERATED SQUAWKERS. BAYSHORE INDUSTRIES, INC., Elkton, Md.
Filed June 5, 1947. Serial No. 523,561. PUBLISHED OCTOBER 28, 1947. Class 22.

437,500. HOSIERY. JOSEPH MANN, Brookline, Mass.
Filed June 17, 1947. Serial No. 524,337. PUBLISHED DECEMBER 9, 1947. Class 39.

437,501. KEYWAY CUTTING BROACH AND BUSHING SETS AND FOR THE INDIVIDUAL PARTS THEREOF. THE DU MONT CORPORATION, Greenfield, Mass.
Filed June 20, 1947. Serial No. 524,528. PUBLISHED DECEMBER 16, 1947. Class 23.

437,502. ALLOY IRON ROLLS FOR USE IN ROLLING MILLS OF ALL SORTS. MACKINTOSH-HEMPHILL COMPANY, Pittsburgh, Pa.
Filed June 27, 1947. Serial No. 525,002. PUBLISHED DECEMBER 16, 1947. Class 23.

437,503. MACHINES FOR CUTTING CONCRETE, PAVEMENT, AND THE LIKE. CUTCRETE CORPORATION, Van Nuys, Calif.
Filed July 2, 1947. Serial No. 525,553. PUBLISHED DECEMBER 16, 1947. Class 23.

437,504. DOLLS. IMPERIAL CROWN TOY CORP., Brooklyn, N. Y.
Filed July 4, 1947. Serial No. 526,234. PUBLISHED OCTOBER 28, 1947. Class 22.

ACT OF 1920

These registrations are not subject to opposition.

437,505. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) HYDRO-TEX CORP., Chicago, Ill. Filed Nov. 15, 1944. Serial No. 476,471.

HYDRO

FOR TABLE CLOTHS, WINDOW CURTAINS, DOILIES AND TABLE PLACE COVERS.
Claims use since August 1944.

437,506. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EDWARD G. WEBB, doing business as Webb Packing Co., Fullerton, Calif. Filed Dec. 11, 1944. Serial No. 477,445.

Cal-taste

FOR FRESH CITRUS FRUITS.
Claims use since Nov. 27, 1944.

437,507. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WILLIAM BEREZ, doing business as Stanley's Products, New York, N. Y. Filed Sept. 29, 1945. Serial No. 489,165.

Steinley

FOR CHERRY PEPPERS.
Claims use since Aug. 29, 1945.

437,508. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) THE NORWOOD COMPANY, Chicago, Ill. Filed Feb. 1, 1946. Serial No. 495,812.



The drawing is lined for red.
FOR MUSIC STANDS.
Claims use since Jan. 28, 1946.

437,509. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) J. A. SEXAUER MFG. CO. INC., New York, N. Y. Filed July 8, 1946. Serial No. 505,253.

SEXAUER

FOR CERTAIN GOODS IN THE NATURE OF CHEMICAL PREPARATIONS—NAMELY, WASTE-PIPE CLEANER; BOILER COMPOUND FOR STOPPING LEAKS, REMOVING AND PREVENTING SCALE, AND ELIMINATING RUST; AND SOLDERING COMPOUND PASTE.
Claims use since 1921.

437,510. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) READY FOODS CANNING CORP., Chicago, Ill. Filed Sept. 9, 1946. Serial No. 508,744.

VETS' Rx

FOR CANNED DOG FOOD.
Claims use since Feb. 1, 1946.

437,511. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) HARRY A. LOWTHER COMPANY, Chicago, Ill. Filed Mar. 25, 1947. Serial No. 520,589.

LOWTHER -SAW

FOR TIMBER SAWS OF THE TYPE CARRIED BY A WHEELED CART AND APPLICABLE TO STANDING OR FELLED TREES.
Claims use since Mar. 14, 1944.

ACT OF 1946, PRINCIPAL REGISTER

500,011. YARN. SPINNERIN YARN CO., INC., New York, N. Y., assignor to Spinnerin Yarn Co., Inc., South Hackensack, N. J., a corporation of New Jersey.
Filed July 23, 1947. Serial No. 529,315. PUBLISHED JANUARY 6, 1948. Class 43.

ACT OF 1946, SUPPLEMENTAL REGISTER

These registrations are not subject to opposition.

500,012. (CLASS 39. CLOTHING.) GEORGE S. BAILEY HAT COMPANY, INC., Los Angeles, Calif. Filed Aug. 18, 1947. Serial No. 501,109.



FOR MEN'S HATS.
Claims use since Apr. 16, 1946.

TRADE-MARK REGISTRATIONS RENEWED

62,171. HOTEL ASTOR. Registered Apr. 23, 1907. B. Fischer & Co. Re-renewed Apr. 23, 1947, to B. Fischer & Co., Inc., New York, N. Y., a corporation of New York. COFFEE. Class 46.

69,307. KEE LOX. Registered June 2, 1908. Kee Lox Manufacturing Company, Rochester, N. Y., a corporation of New York. Re-renewed June 2, 1948. TYPEWRITER RIBBONS AND CARBON PAPER. Class 11.

189,148. ELI LILLY AND COMPANY. Registered Sept. 9, 1924. Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana. Renewed Jan. 5, 1948 (Supplemental Register). BIOLOGICAL PREPARATIONS FOR USE IN MEDICINAL TESTS, INOCULATIONS, AND TREATMENT OF DISEASES—NAMELY, ANTITOXINS, SERUMS, BACTERIAL VACCINES; AND OTHER NAMED MEDICINALS. Class 6.

198,325. "BENGER'S FOOD." ETC. AND DESIGN. Registered May 12, 1925. Benger's Food, Limited, Manchester, England. Renewed May 12, 1945 (as provided by P. L. 517, July 17, 1946), to Benger's Limited, Cheshire, England, a company incorporated under the laws of England. FOOD FOR INFANTS AND INVALIDS. Class 46.

218,949. "BALTIMORE DAY BY DAY" AND DRAWING. Registered Oct. 5, 1926. The Baltimore Publishing Company. Renewed Oct. 5, 1946, to Hearst Consolidated Publications, Inc., Baltimore, Md., a corporation of Delaware. DAILY NEWSPAPER SECTION. Class 38.

220,833. TALC APACHÉ. Registered Nov. 16, 1926. Smith, Kline & French Co. Renewed Nov. 16, 1946, to D. M. Leff, doing business as Merit Laboratories Co., Philadelphia, Pa. TALCUM POWDER. Class 6.

223,570. HOOK-FAST. Registered Feb. 8, 1927. Carl C. Veneman, doing business as National Art and Craft Shops, New York, N. Y. Renewed Feb. 8, 1947, to Hook-Fast Specialties, Inc., Providence, R. I., a corporation of Rhode Island. BELT AND BUCKLE USED IN HOLDING UP TROUSERS. Class 39.

223,944. "BENGER'S FOOD" AND DESIGN. Registered Feb. 15, 1927. Benger's Food Limited, Manchester, England. Renewed Feb. 15, 1947 (as provided by P. L. 517, July 17, 1946), to Benger's Limited, Cheshire, England, a company incorporated under the laws of England. FOOD FOR INFANTS AND INVALIDS. Class 46.

225,189. MENFORMON. Registered Mar. 15, 1927. N. V. Organon tot Bereiding van Organ-Preparaten op Wetenschappelijken Grondslag, Oss, Netherlands. Renewed Mar. 15, 1947, to Roche-Organon Inc., Nutley, N. J., a corporation of New Jersey. STANDARDIZED HORMONE FROM OVARIES BEING SOLUBLE IN WATER. Class 6.

225,885. CLEESCO. Registered Mar. 29, 1927. John P. Cleese Inc. Renewed Mar. 29, 1947, to Specialty Manufacturing Company, San Francisco, Calif., a copartnership. MATTRESSES, BOX MATTRESSES, CUSHIONS, PILLOWS, BED SPRINGS. Class 32.

226,821. DIMA. Registered Apr. 19, 1927. Henry A. Dix & Sons Corporation, New York, N. Y., a corporation of New York. Renewed Apr. 19, 1947. PIECE GOODS MADE OF COTTON, SILK, COTTON AND SILK MIXTURE, RAYON, ALPACA, AND MOHAIR. Class 42.

228,119. BUBBLES. Registered May 24, 1927. Ernest W. Payne. Renewed May 24, 1947, to Bubbles and Supply Company, Racine, Wis., a copartnership. NONALCOHOLIC, MALTLESS SIRUP FOR MAKING SOFT DRINKS. Class 45.

229,676. 1ST NATIONAL BANK IN ST. LOUIS. Registered July 5, 1927. First National Bank in St. Louis, St. Louis, Mo., a corporation organized under the laws of the United States. Renewed July 5, 1947. PRINTED BOOKS, BOOKLETS, AND PAMPHLETS ISSUED FROM TIME TO TIME. Class 38.

229,748. THE "KING" OF SPORT COATS. Registered July 5, 1927. Greenhill & Daniel, Brooklyn, N. Y. Renewed July 5, 1947, to Greenhill & Daniel Co., New York, N. Y., a firm. SPORT COATS. Class 39.

235,621. ROLLER. Registered Nov. 22, 1927. Max Geisler, doing business as Max Geisler Bird Co., Omaha, Nebr., and New York, N. Y. Renewed Nov. 22, 1947, to Max Geisler Bird Co., Omaha, Nebr., a partnership. BIRD FOOD. Class 46.

TRADE-MARK REGISTRATIONS CANCELED

148,717. TEXAS STAR FLOUR MILLS AND DESIGN. Registered Nov. 22, 1921. Texas Star Flour Mills, Galveston, Tex. WHEAT-FLOUR. Class 46. Canceled Feb. 19, 1948.

196,293. SURETY. Registered Mar. 17, 1925. Pacific Mills, Lawrence and Boston, Mass. COTTON PIECE GOODS. Class 42. Canceled Feb. 18, 1948.

261,417. SKIP. Registered Sept. 17, 1929. Charles E. Wayman, Dayton, Ohio. LINIMENT. Class 6. Canceled Feb. 27, 1948.

281,882. UNIVERSAL. Registered Apr. 7, 1931. The Brunswick-Balke-Collender Company, Chicago, Ill. BOWLING PINS. Class 22. Canceled Feb. 11, 1948.

308,521. SLIX. Registered Dec. 5, 1933. Forbes and Juilly, San Francisco, Calif. CLEANING FLUID FOR GENERAL HOUSEHOLD AND INDUSTRIAL USES, ETC. Class 4. Canceled Feb. 13, 1948.

318,108. CRYSTAL CLEAR. Registered Oct. 16, 1934. Howard Hosiery Company, Sinking Spring, Pa. STOCKINGS. Class 39. Canceled Feb. 19, 1948.

334,403. RUFFERSEAL. Registered May 5, 1936. Louis D. Stern, Cleveland, Ohio. LIQUID ASBESTOS ROOF CEMENT. Class 12. Canceled Feb. 24, 1948.

336,803. SPORTMASTER. Registered July 21, 1936. Apollo Shirt Company, New York, N. Y. MEN'S DRESS, WORK, AND UNDER SHIRTS. Class 39. Canceled Feb. 19, 1948.

365,666. NIGHT LIFE. Registered Mar. 14, 1939. Jones Publishing Corporation, New York, N. Y. PUBLICATIONS ISSUED PERIODICALLY. Class 38. Canceled Feb. 19, 1948.

366,677. PLA-STEELE. Registered Apr. 25, 1939. Pla-Steele Company, Cleveland, Ohio. NON-METALLIC PLASTIC COMPOUND USED PRIMARILY FOR FILLING CAVITIES IN METAL BODIES. Class 50. Canceled Feb. 10, 1948.

377,500. O-N. Registered May 7, 1940. Cliff C. Owen, Salisbury, N. C. PREPARATIONS FOR COLDS. Class 6. Canceled Feb. 19, 1948.

382,810. G & G. Registered Nov. 12, 1940. Gerber & Gerber, Los Angeles, Calif. FRESH VEGETABLES AND CANNED FISH. Class 46. Canceled Feb. 27, 1948.

410,703. MILBAC. Registered Dec. 12, 1944. Puratized, Inc., New York, N. Y. BACTERIOCIDAL AND FUNGICIDAL COMPOSITIONS. Class 6. Canceled Feb. 27, 1948.

411,441. LITTLE MAJESTY TOYS AND FANCIFUL FIGURE. Registered Jan. 16, 1945. Eliscu & Company, New York, N. Y. TOY RATTLES AND BABY EXERCISERS. Class 22. Canceled Feb. 19, 1948.

412,046. LITTLE MAJESTY AND FANCIFUL FIGURE. Registered Feb. 13, 1945. Eliscu & Company, New York, N. Y. TEETHERS, TEETHING RINGS, AND TEETHING NECKLACES. Class 44. Canceled Feb. 19, 1948.

413,898. SPRING WEIGHT BROWDY AND DESIGN. Registered May 15, 1945. Benjamin G. Browdy, New York, N. Y. COTTON GOODS IN THE PIECE. Class 42. Canceled Feb. 19, 1948.

424,657. SYMPHONIC. Registered Oct. 15, 1946. Hoffman Radio Corporation, Los Angeles, Calif. RADIO RECEIVING APPARATUS AND PARTS THEREOF. Class 21. Canceled Feb. 19, 1948.

425,046. SILVER FOAM. Registered Oct. 29, 1946. Murray Frank & Associates, Chicago, Ill. PHARMACEUTICAL PREPARATIONS, FOR USE IN SHAMPOOING THE HAIR. Class 6. Canceled Feb. 27, 1948.

425,805. MAKE OFF. Registered Dec. 3, 1946. Cosmex Corp., New York, N. Y. LIQUID PREPARATION FOR USE AS A SUBSTITUTE FOR SOAP FOR CLEANING THE SKIN. Class 4. Canceled Feb. 27, 1948.

428,291. DARISWEET. Registered Mar. 18, 1947. Rogers Brothers, Portland, Oreg. ICE CREAM. Class 46. Canceled Feb. 27, 1948.

429,920. KILGOR. Registered May 27, 1947. Foreman & Clark, Los Angeles, Calif. MEN'S OVERCOATS. Class 39. Canceled Feb. 27, 1948.

429,941. THE BRIDE. Registered May 27, 1947. Domenick Ippolito, Glendale, Calif. DOLLS AND DOLLS' CLOTHES. Class 22. Canceled Feb. 17, 1948.

430,458. SPRAY-TAN. Registered June 10, 1947. Banks & Shorr, New Rochelle, N. Y. GREASELESS SUN TAN LOTION. Class 6. Canceled Feb. 19, 1948.

431,140. EVERGREEN PINE OIL AND DESIGN. Registered July 8, 1947. John W. Murphy, Upper Darby, Pa. DISINFECTANT, DEODORANT, AND GERMICIDE. Class 6. Canceled Feb. 11, 1948.

431,512. SWURLSHORT. Registered July 22, 1947. Koret of California, Inc., San Francisco, Calif. GIRLS' AND WOMEN'S OUTER SHORTS. Class 39. Canceled Feb. 11, 1948.

TRADE-MARK REGISTRATIONS AMENDED, SURRENDERED, DISCLAIMED, CORRECTED, ETC.

25,787. PROTONUCLEIN. Registered Jan. 1, 1895. John Carnrick, renewed to Reed & Carnrick, Jersey City, N. J. ANTITOXINE AND TISSUE-BUILDER. Class 6. Amended as follows: In the statement, line 27, delete "antitoxic and" and change "an" to *a*; and in line 28 delete "killing poisonous" and insert in lieu thereof *destroying*. This amendment supersedes the amendment appearing in the OFFICIAL GAZETTE of Jan. 20, 1948.

273,877. TROPIC. Registered Aug. 19, 1930. Berkeley Company, Chicago, Ill. SANITARY NAPKINS. Class 44. Corrected as follows: In the certificate, line 4, and in the statement, lines 3 and 4, for "State of Illinois" read *State of Delaware*.

280,020. CHARG-A-PLATE. Registered Feb. 10, 1931. Farrington Manufacturing Company, Boston, Mass. EMBOSSING AND PRINTING MACHINES AND PARTS THEREOF. Class 23. Amended as follows: In the drawing, for "CHARG-A-PLATE" read CHARGA-PLATE.

434,123. COMMUNITY SCENE DESIGN. Registered Nov. 11, 1947. Les Cisterciennes Réformées, St. Remuald d'Etchemin, Quebec, Canada. CHOCOLATE CANDY BARS. Class 46. Corrected as follows: In the signature to the statement, for "Sr. Marie du Rosair (Rose Lamarche)" read *Sr. Marie du Rosaire (Rose Lamarche)*.

TRADE-MARK REGISTRATIONS REPUBLISHED

The following marks registered under the act of 1905, or the act of 1881, are published under the provisions of section 12(c) of the Trade-Mark Act of 1946. These registrations are not subject to opposition but are subject to cancellation under section 14 of the act of 1946.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Reg. No. 354,209. Registered Feb. 8, 1938. GERMAIN SEED AND PLANT COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

PRINCESS ELIZABETH

FOR FLOWER SEEDS—NAMELY, SWEET PEA AND FLOWER GARDEN MIXTURE.
Claims use since Jan. 25, 1937.

Reg. No. 356,879. Registered May 17, 1938. LUCIUS P. COOK, doing business as L. P. Cook, Memphis, Tenn. Republished by Lucius P. Cook, doing business as L. P. Cook & Son, Memphis, Tenn.



The drawing is lined for red. The word "Brand" is disclaimed.
FOR SEED OATS, A VARIETY OF FIELD SEEDS.
Claims use since May 1926.

Reg. No. 358,429. Registered July 12, 1938. GERMAIN SEED & PLANT COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

GARDEN OF THE STARS

FOR FLOWER SEEDS—NAMELY, FLOWER GARDEN MIXTURE.
Claims use since Jan. 31, 1938.

Reg. No. 380,334. Registered Aug. 20, 1940. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill., a corporation of New Jersey. Republished by registrant.



The word "Coal" is disclaimed. The lining indicates the color red.
FOR COAL.
Claims use since on or about Sept. 5, 1939.

CLASS 2

RECEPTACLES

Reg. No. 173,156. Registered Sept. 18, 1923. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.



FOR COTTON, BURLAP, AND PAPER BAGS.
Claims use since 1916.

Reg. No. 340,788. Registered Nov. 24, 1936. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

PLIOTEX

FOR FABRIC BAGS AND SACKS FOR CONTAINING PULVERIZED, GRANULAR, OR LUMP MATERIALS AND THE LIKE.
Claims use since June 24, 1935.

Reg. No. 340,789. Registered Nov. 24, 1936. BEMIS BRO. BAG COMPANY, St. Louis, Mo. a corporation of Missouri. Republished by registrant.

FLEXIBOND

FOR COMBINATION FABRIC AND PAPER BAGS FOR CONTAINING PULVERIZED, GRANULAR OR LUMP MATERIAL AND THE LIKE.
Claims use since Mar. 17, 1935.

Reg. No. 356,723. Registered May 10, 1938. PEPSI-COLA COMPANY, Long Island City, N. Y., a corporation of Delaware. Republished by registrant.

PEPSI-COLA

FOR WOODEN RECEPTACLES AND CASES AND RACKS FOR BOTTLES, WHICH CASES AND RACKS ARE SOLD IN TRADE EMPTY.
Claims use since Feb. 15, 1896.

Reg. No. 379,847. Registered July 30, 1940. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

AUTO-SERV

FOR SHEET METAL BOX FOR THE DISPENSING OF PAPER PRODUCTS AND SOLD EMPTY IN THE TRADE.
Claims use since Sept. 18, 1939.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Reg. No. 157,662. Registered Aug. 15, 1922. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

DYSCO

FOR WET-CLEANING SOAP.
Claims use since on or about July 1, 1921.

Reg. No. 347,573. Registered June 29, 1937. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Americe

FOR TOILET SOAPS.
Claims use since October 1914.

Reg. No. 361,152. Registered Oct. 11, 1938. AMERICAN DISINFECTING CO., INC., Sedalia, Mo. Republished by Adco, Inc., Sedalia, Mo., a corporation of Missouri.

ADCO

FOR ALKALINE DETERGENTS, FILTER SOAP, LIQUID GARMENT STAIN AND SPOT REMOVERS, WET CLEANING SOAP, GENERAL CLEANING AND SCOURING COMPOUNDS, LIQUID TOILET SOAP, SOAPS FOR WASHING AUTOS AND OTHER HIGHLY POLISHED SURFACES, SOAP BASE, DRY CLEANING SOAPS, LIQUID DRY-CLEANING REAGENTS, TOILET BOWL CLEANING POWDERS, ENAMEL CLEANING PREPARATIONS, LIQUID FLOOR SCRUBBING COMPOUNDS, LIQUID PREPARATIONS FOR REMOVING DIRT OR GREASE FROM SMOOTH HARD SURFACES, AND LIQUID PREPARATIONS FOR CLEANING WOOD FLOORS, MARBLE, TILE, GLASS, OR LINOLEUM.
Claims use since 1925.

Reg. No. 364,103. Registered Jan. 17, 1939. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

Downy

FOR SOAP FLAKES.
Claims use since Aug. 10, 1938.

Reg. No. 364,104. Registered Jan. 17, 1939. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

THRILL

FOR GRANULATED SOAP.
Claims use since 1934.

Reg. No. 374,090. Registered Jan. 2, 1940. CHARLES D. BERMAN, doing business as Berman Chemical Company, Toledo, Ohio. Republished by Stanley W. Berman and Edward L. Straub, Toledo, and Milton Bloom, Cincinnati, Ohio, trustees of the estate of Charles D. Berman (deceased).

"Bull Frog"



FOR CLEANING PREPARATIONS FOR POOLS, SHOWERS, FLOORS, WASH BOWLS, TOILETS, BATH TUBS, MARBLE, TILE, WOODWORK, AND PAINTED SURFACES; AND A METAL CLEANING PREPARATION.
Claims use since 1915.

CLASS 5

ADHESIVES

Reg. No. 360,745. Registered Sept. 27, 1938. ARMSTRONG CORK PRODUCTS COMPANY, Lancaster, Pa. Republished by Armstrong Cork Company, Manheim Township, Lancaster County, Pa., a corporation of Pennsylvania.

Accotex

FOR RESIN TYPE ADHESIVES.
Claims use since about Sept. 10, 1937.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Reg. No. 158,010. Registered Aug. 22, 1922. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

PICTOL

FOR A CHEMICAL KNOWN AS MONOMETHYL PARA-AMIDOPHENOL SULPHATE AND USED AS A DEVELOPER FOR PHOTOGRAPHIC PURPOSES.
Claims use since Feb. 1, 1921.

Reg. No. 337,730. Registered Aug. 18, 1936. THE CHAMPION FIBRE COMPANY, Canton, N. C. Republished by The Champion Paper and Fibre Company, Hamilton, Ohio, a corporation of Ohio.

MELOTAN

FOR TANNING EXTRACTS IN BOTH LIQUID AND POWDER FORM.
Claims use since Feb. 10, 1936.

Reg. No. 337,745. Registered Aug. 18, 1936. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SANTOBRITE

FOR PRESERVATIVES FOR WOOD, LUMBER, AND OTHER CELLULOSIC MATERIALS.
Claims use since about Apr. 2, 1936.

Reg. No. 349,503. Registered Aug. 31, 1937. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SANTOMERSE

FOR CHEMICAL COMPOUNDS EMPLOYED AS WETTING, SPREADING, EMULSIFYING, DISPERSING, AND PENETRATING AGENTS.
Claims use since Dec. 15, 1936.

Reg. No. 355,933. Registered Apr. 5, 1938. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

VITEF

FOR LIQUID HAIR AND SCALP SHAMPOO.
Claims use since on or about Oct. 25, 1937.

Reg. No. 355,953. Registered Apr. 5, 1938. GEORGE MARTIN BROEMMEL, doing business as Broemmel Laboratories, San Francisco, Calif. Republished by Broemmel's Pharmaceuticals, San Francisco, Calif., a firm.

ISOPHRIN

FOR NASAL SPRAY PREPARATION.
Claims use since early part of 1930.

Reg. No. 356,322. Registered Apr. 26, 1938. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SANTOCEL

FOR ORGANIC AND INORGANIC AEROGELS, SUCH AS SILICA AEROGEL, HAVING SUB-MICROSCOPIC POROSITY BEING OF LOW APPARENT SPECIFIC GRAVITY, POSSESSING MARKED HEAT INSULATING PROPERTIES, AND HAVING A GENERAL USE IN THE INDUSTRIAL ARTS.
Claims use since April 1936.

Reg. No. 357,094. Registered May 24, 1938. AMERICAN DISINFECTING CO., INC., Sedalia, Mo. Republished by Adco, Inc., Sedalia, Mo., a corporation of Missouri.

ADCO



The drawing is lined for red and green.
FOR DISINFECTANTS, DEODORANTS, INSECTICIDES, GERMICIDES, ANIMAL DIPS, SHAMPOOS, AND DRAIN PIPE CLEANING PREPARATIONS.
Claims use since 1925.

Reg. No. 358,133. Registered June 28, 1938. THE CHAMPION PAPER AND FIBRE COMPANY, Canton, N. C., a corporation of Ohio. Republished by registrant, present location Hamilton, Ohio.

TROSTOL

FOR TALLOEL SOMETIMES KNOWN AS TALL OIL.
Claims use since May 24, 1934.

Reg. No. 358,613. Registered July 19, 1938. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SANTOBANE

FOR INSECTICIDES.
Claims use since December 1937.

Ser. No. 359,273. Registered Aug. 9, 1938. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SANTOBRITE

FOR INSECTICIDES, GERMICIDES, ALGICIDES, BACTERICIDES, FUNGICIDES, AND DISINFECTANTS.
Claims use since about Apr. 2, 1936.

Reg. No. 365,940. Registered Mar. 21, 1939. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SOPANOX

FOR CHEMICAL COMPOUNDS EMPLOYED AS PREVENTERS OF RANCIDITY AND/OR DETERIORATION IN SOAP AND VEGETABLE OILS.
Claims use since Nov. 2, 1938.

Reg. No. 368,753. Registered June 27, 1939. AUGUST A. MEYER, doing business as Cut Flower Food Co., not Inc., Maywood, Ill. Republished by Flower Foods, Inc., Maywood, Ill., a corporation of Illinois.

BLOOMLIFE

FOR COMPOSITION CONTAINING CHEMICAL INGREDIENTS FOR STRENGTHENING, STERILIZING, FEEDING AND PROMOTING THE DEVELOPMENT OF CUT PLANTS, AND ADAPTED TO BE ADDED TO WATER IN WHICH THE PLANTS ARE IMMERSED.
Claims use since Feb. 1, 1939.

Reg. No. 378,572. Registered June 11, 1940. E. DALTROFF & CIE., doing business as Parfumerie Caron, Paris, France. Republished by Caron Corporation, New York, N. Y., a corporation of New York.

VŒU DE NOËL

FOR PERFUME.
Claims use since April 1939.

Reg. No. 380,465. Registered Aug. 20, 1940. CAMPANA CORPORATION, Batavia, Ill. Republished by Campana Sales Company, Batavia, Ill., a corporation of Delaware.

COTTON BLOSSOM

FOR SKIN LOTIONS.
Claims use since Apr. 3, 1940.

CLASS 10

FERTILIZERS

Reg. No. 357,289. Registered May 31, 1938. POTASH COMPANY OF AMERICA, Baltimore, Md., Atlanta, Ga., and Carlsbad, N. M., a corporation of Colorado. Republished by registrant, present location New York, N. Y.

P.C.A.

FOR MURIATE OF POTASH.
Claims use since about Oct. 18, 1937.

CLASS 11

INKS AND INKING MATERIALS

Reg. No. 356,558. Registered May 3, 1938. OZALID CORPORATION, New York, N. Y. Republished by General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware.

Ozalid

FOR TYPEWRITER RIBBONS.
Claims use since August 1935.

Reg. No. 366,921. Registered May 2, 1939. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

Wonder

FOR CARBON PAPER.
Claims use since July 17, 1932.

Reg. No. 387,508. Registered May 20, 1941. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

Indestructo

FOR CARBON PAPERS AND TYPEWRITER RIBBONS.
Claims use since Nov. 13, 1924.

Reg. No. 387,509. Registered May 20, 1941. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

PAR
MFG'S VALUE ALWAYS

The notation "100% Value Always" is disclaimed.
FOR CARBON PAPERS AND TYPEWRITER RIBBONS.
Claims use since Feb. 12, 1935.

Reg. No. 387,510. Registered May 20, 1941. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

PLACID

FOR CARBON PAPERS AND TYPEWRITER RIBBONS.
Claims use since Jan. 1, 1929.

CLASS 12

CONSTRUCTION MATERIALS

Reg. No. 330,708. Registered Dec. 10, 1935. ARMSTRONG-NEWPORT COMPANY, Carrollville, Wis. Republished by Armstrong Cork Company, Manheim Township, Lancaster County, Pa., a corporation of Pennsylvania.

TEMWOOD

FOR FIBER BOARD, COMPOSITE BOARD, CONSTRUCTION BOARD, SYNTHETIC OR ARTIFICIAL LUMBER AND HARD BOARD.
Claims use since Nov. 27, 1933.

Reg. No. 347,612. Registered June 29, 1937. STANDARD WALL COVERING COMPANY, INC., Philadelphia, Pa. Republished by Armstrong Cork Company, Manheim Township, Lancaster County, Pa., a corporation of Pennsylvania.

NONO-WALL

The word "Wall" is disclaimed.
FOR ARCHITECTURAL WALL PANELS.
Claims use since Mar. 31, 1936.

Reg. No. 348,976. Registered Aug. 17, 1937. I. F. LAUCKS, INC., Seattle, Wash. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.

SPAX

FOR SPACTLING COMPOUND.
Claims use since Feb. 16, 1937.

Reg. No. 357,037. Registered May 24, 1938. SOULÉ STEEL COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.

UNIBILT

FOR LIGHT STEEL FRAME CONSTRUCTION FOR BUILDINGS.
Claims use since 1932.

Reg. No. 363,295. Registered Dec. 20, 1938. ARKANSAS SOFT PINE BUREAU, Little Rock, Ark., a voluntary association of Arkansas. Republished by registrant.

ARKANSAS SOFT PINE

The words "Arkansas," "Soft," and "Pine" are disclaimed.
FOR LUMBER, WOODWORK, PANELING, FLOORING, AND OTHER STANDARD SAW AND PLANING MILL PRODUCTS.
Claims use since October 1915.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Reg. No. 175,377. Registered Nov. 6, 1923. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.

Bassick

FOR HOOD CATCHES, HOOD-CATCH BRACKETS, HOOD HANDLES AND DOOR HANDLES.
Claims use since Apr. 11, 1922.

Reg. No. 346,204. Registered May 18, 1937. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.

DART

FOR FURNITURE CASTERS.
Claims use since about July 19, 1934.

Reg. No. 346,205. Registered May 18, 1937. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.

DIAMOND ARROW

FOR FURNITURE CASTERS.
Claims use since about Nov. 1, 1931.

Reg. No. 347,835. Registered July 6, 1937. HOOKLESS FASTENER COMPANY, Meadville, Pa. Republished by Talon, Inc., Meadville, Pa., a corporation of Pennsylvania.

LION

FOR SLIDE FASTENERS.
Claims use since about June 1930.

Reg. No. 349,250. Registered Aug. 24, 1937. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.

TELEPOST

FOR SUPPORTING POSTS OF CHAIR IRONS.
Claims use since about Oct. 9, 1935.

Reg. No. 349,272. Registered Aug. 24, 1937. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.

Flo-Tilt

FOR TILTING CHAIR IRONS.
Claims use since about Oct. 9, 1935.

Reg. No. 356,938. Registered May 17, 1938. THE GATES RUBBER COMPANY, Denver, Colo., a corporation of Colorado. Republished by registrant.

FLEX-FLO

FOR ANTI-STATIC GASOLINE DISPENSING NOZZLES MADE FROM SYNTHETIC RUBBER.
Claims use since December 1936.

Reg. No. 358,091. Registered June 28, 1938. G. E. PRENTICE MANUFACTURING COMPANY, Berlin, Conn. Republished by registrant, present location Kensington, Conn.

NU-ZIP

FOR SLIDE-OPERATED FASTENERS.
Claims use since Dec. 17, 1937.

Reg. No. 366,096. Registered Mar. 28, 1939. WEST BEND ALUMINUM CO., West Bend, Wis., a corporation of Wisconsin. Republished by registrant.

Trig

FOR ALUMINUM TEA KETTLES.
Claims use since July 16, 1938.

Reg. No. 369,025. Registered July 11, 1939. DUKE MANUFACTURING CO., St. Louis, Mo., a corporation of Missouri. Republished by registrant.

THURMADUKE

FOR FOOD WARMERS, COVERS FOR FOOD WARMERS, AND TOP PLATES THEREFOR.
Claims use since Jan. 7, 1939.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Reg. No. 224,201. Registered Feb. 22, 1927. THE AMERICAN ROLLING MILL COMPANY, Middletown, Ohio, a corporation of Ohio. Republished by registrant.

TRAN·COR

FOR BARS, BILLETS, CASTINGS, FORGINGS, INGOTS, PLATES, SHAPES, PLAIN AND FORMED, COATED AND UNCOATED SHEETS, RODS, AND WIRE, ALL OF STEEL AND OF ALLOYS OF IRON.
Claims use since Apr. 19, 1926.

Reg. No. 358,441. Registered July 12, 1938. KLOSTER STEEL CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

PURE-ORE "D-C 33"

FOR HOT WORK STEEL.
Claims use since Dec. 10, 1935.

Reg. No. 377,510. Registered May 7, 1940. SPUCK IRON & FOUNDRY CO., St. Louis, Mo., a corporation of Missouri. Republished by registrant.

STRENGTH TOUGHNESS SIFCOLOY UNIFORMITY ENDURANCE
CONTROLLED METAL

The words "Strength," "Toughness," "Uniformity," "Endurance," and "Controlled Metal" are disclaimed.
FOR PROCESSED CAST IRON ALLOY METAL.
Claims use since Nov. 30, 1934.

CLASS 15

OILS AND GREASES

Reg. No. 166,120. Registered Mar. 27, 1923. THE STAR OIL COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

JUPITER

FOR LUBRICATING OILS.
Claims use since 1897.

Reg. No. 261,929. Registered Sept. 24, 1929. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

OPALUBE

FOR LUBRICATING OILS.
Claims use since Sept. 10, 1924.

Reg. No. 272,777. Registered July 15, 1930. AMERICAN MINERAL SPIRITS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

LACTOL

FOR NAPHTHA.
Claims use since July 1926.

Reg. No. 272,778. Registered July 15, 1930. AMERICAN MINERAL SPIRITS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

KEMSOLENE

FOR NAPHTHA.
Claims use since May 1927.

Reg. No. 362,678. Registered Nov. 29, 1938. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

PURODIESEL

FOR MINERAL LUBRICATING OILS AND MINERAL FUEL OILS FOR USE PRIMARILY IN DIESEL ENGINES.
Claims use since January 1935.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Reg. No. 337,165. Registered July 28, 1936. I. F. LAUCKS, INC., Seattle, Wash. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.

REZICOTE

FOR COLD WATER PAINTS.
Claims use since Feb. 25, 1936.

Reg. No. 347,402. Registered June 22, 1937. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

CIRENE

FOR QUICK-DRYING LIQUID WAX.
Claims use since Feb. 5, 1937.

Reg. No. 348,716. Registered Aug. 3, 1937. I. F. LAUCKS, INC., Seattle, Wash. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.

VELLO-ITE

FOR COLD WATER PAINTS AND CALCIMINES.
Claims use since Dec. 1, 1936.

CLASS 20

LINOLEUM AND OILED CLOTH

Reg. No. 348,765. Registered Aug. 10, 1937. ARMSTRONG CORK PRODUCTS COMPANY, Lancaster, Pa. Republished by Armstrong Cork Company, Manheim Township, Lancaster County, Pa., a corporation of Pennsylvania.

ARMOFLOR

FOR HARD SURFACED FLOOR COVERINGS HAVING A COMPOSITION WEARING SURFACE.
Claims use since Apr. 21, 1936.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Reg. No. 231,890. Registered Aug. 30, 1927. MINNEAPOLIS HEAT REGULATOR CO., Minneapolis, Minn. Republished by Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware.

PROTECTORELAY

FOR UNITARY AUTOMATIC ELECTRIC SWITCH SYSTEMS FOR HEAT REGULATION AND SAFETY CONTROL OF HEATING PLANTS.
Claims use since Mar. 27, 1926.

Reg. No. 361,496. Registered Oct. 18, 1938. AUTO RADIATOR MANUFACTURING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

PATHFINDER

FOR ELECTRIC FOG LAMPS.
Claims use since Apr. 13, 1938.

Reg. No. 370,059. Registered Aug. 15, 1939. AUTO RADIATOR MANUFACTURING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Pathfinder

FOR ELECTRIC DIRECTION SIGNALS FOR VEHICLES AND SWITCHES FOR SUCH SIGNALS.
Claims use since Sept. 1, 1938.

Reg. No. 387,665. Registered May 27, 1941. GLOBE-UNION INC., Milwaukee, Wis., a corporation of Delaware. Republished by registrant.

SPINNING GLOBE POWER

The words "Spinning Power" are disclaimed.
FOR STORAGE BATTERIES.
Claims use since Sept. 15, 1939.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Reg. No. 337,448. Registered Aug. 4, 1936. THE WORTHINGTON BALL COMPANY, Elyria, Ohio, a corporation of Ohio. Republished by registrant.

Les Strokes

FOR GOLF BALLS.
Claims use since Dec. 12, 1935.

Reg. No. 337,449. Registered Aug. 4, 1936. THE WORTHINGTON BALL COMPANY, Elyria, Ohio, a corporation of Ohio. Republished by registrant.



FOR GOLF BALLS.
Claims use since Dec. 12, 1935.

Reg. No. 365,954. Registered Mar. 21, 1939. THE AMERICAN FORK AND HOE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

STEP DOWN

FOR FISHING RODS, FISHING-ROD HANDLES, FISHING-ROD CASES, FISHING REELS, RUBBER GRIPS FOR FISHING ROD HANDLES, GOLF CLUBS, GOLF CLUB SHAFTS, GOLF CLUB HEADS, SKIS, SNOWSHOES, BOWS FOR ARCHERY, ARROWS, BOWSTRINGS AND ARCHERY TARGETS.
Claims use since Aug. 15, 1931.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Reg. No. 228,847. Registered June 14, 1927. THE PRESCOTT COMPANY, Menominee, Mich., a corporation of Michigan. Republished by registrant.

PRESCOTT MENOMINEE

The word "Menominee" is disclaimed.
FOR SAW-MILL AND MINING MACHINERY, ACCESSORIES, AND PARTS AS FOLLOWS: ELECTRIC DOGS AND ALL OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since May 1915.

Reg. No. 347,022. Registered June 15, 1937. VAN NORMAN MACHINE TOOL COMPANY, Springfield, Mass. Republished by Van Norman Company, Springfield, Mass., a corporation of Massachusetts.

VAN NORMAN

FOR INTERNAL AND EXTERNAL CYLINDRICAL GRINDING MACHINES, RADIUS GRINDING MACHINES (OSCILLATING GRINDERS), PISTON TURNING AND GRINDING MACHINES, PISTON TRUING MACHINES, VALVE SEAT CUTTERS, VALVE REFACING GRINDERS, VALVE SEAT GRINDERS, PORTABLE SURFACE POLISHING MACHINES, BORING MACHINE CUTTING TOOLS, REAMING MACHINES, CYLINDER BORING MACHINES AND ATTACHMENTS, BOLT EXTRACTORS, DRILLING ATTACHMENTS FOR MILLING MACHINES, AND VALVE SEAT BORING MACHINES.
Claims use since 1910 on internal and external cylindrical grinding machines; and various other dates on other items.

Reg. No. 359,340. Registered Aug. 16, 1938. BARRETT-CRAVENS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Barrett Handling Equipment

The representations of the goods and the words "Handling Equipment" are disclaimed
FOR MATERIAL HANDLING EQUIPMENT—NAMELY, PORTABLE ELEVATORS.
Claims use since May 28, 1921.

Reg. No. 359,482. Registered Aug. 23, 1938. BENDIX PRODUCTS CORPORATION, South Bend, Ind. Republished by Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware.

"CONVAC"

FOR PUMPS.
Claims use since Oct. 13, 1936.

Reg. No. 360,979. Registered Oct. 4, 1938. THE C-K-R COMPANY, Cleveland, Ohio. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.

YARDMASTER

FOR RAKES AND PARTS THEREOF.
Claims use since July 1928.

Reg. No. 363,964. Registered Jan. 17, 1939. ACE FASTENER CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

ACE

FOR STAPLING MACHINES OF THE FOOT-POWER AND HAMMER TACKER TYPES AND STAPLE LIFTERS AND STAPLE REMOVERS.
Claims use since Feb. 11, 1931.

Reg. No. 367,378. Registered May 16, 1939. AUTOMOTIVE GEAR WORKS, INC., Richmond, Ind., a corporation of Delaware. Republished by registrant.

Micro-Set

FOR TOOLS FOR POSITIONING THE TOOTHED PINIONS OF DIFFERENTIAL GEARINGS IN AXLE HOUSINGS.
Claims use since Mar. 1, 1938.

Reg. No. 378,897. Registered June 25, 1940. THE AMERICAN FORK AND HOE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

DYNAMIC

FOR HAND TOOLS—VIZ., HAMMERS, HATCHETS, AXES, ADZES, BROADAXES.
Claims use since on or about July 15, 1939.

Reg. No. 388,872. Registered July 15, 1941. SPIR-IT, INC., Malden, Mass., a corporation of Massachusetts. Republished by registrant.

COLDRINK

FOR NON-METALLIC SPOONS.
Claims use since Jan. 3, 1941.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Reg. No. 354,884. Registered Mar. 1, 1938. SPAULDING-MOSS COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.



FOR SENSITIZED BLUE PRINT PAPER AND CLOTH, SENSITIZED VAN DYKE PAPER AND CLOTH, SENSITIZED DIRECT POSITIVE PAPER AND CLOTH; MECHANICAL DRAWING MATERIALS—NAMELY, DRAWING INSTRUMENTS, DRAWING BOARDS, SLIDE RULES, MEASURING RULES, MEASURING TAPES, LETTERING INSTRUMENTS, TRIANGLES, T SQUARES, MACHINES FOR BLUE PRINTING, MACHINES FOR DIRECT POSITIVE PRINTING.
Claims use since July 20, 1937.

Reg. No. 357,337. Registered May 31, 1938. AGFA ANSCO CORPORATION, Binghamton, N. Y. Republished by General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware.

MINI-PAN

FOR SENSITIZED PHOTOGRAPHIC FILM.
Claims use since Dec. 22, 1937.

Reg. No. 358,422. Registered July 12, 1938. AGFA ANSCO CORPORATION, Binghamton, N. Y. Republished by General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware.

MINI-POSITIVE

The word "Positive" is disclaimed.
FOR SENSITIZED PHOTOGRAPHIC FILM.
Claims use since Dec. 22, 1937.

Reg. No. 359,057. Registered Aug. 2, 1938. AGFA ANSCO CORPORATION, Binghamton, N. Y. Republished by General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware.

MINI-ORTHO

FOR SENSITIZED PHOTOGRAPHIC FILM.
Claims use since Dec. 22, 1937.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Reg. No. 347,744. Registered July 6, 1937. THE WATSON COMPANY, Attleboro, Mass., a corporation of Massachusetts. Republished by registrant.

JULIANA

FOR FLATWARE AND HOLLOWWARE COMPOSED WHOLLY OR IN PART OF SILVER.
Claims use since Feb. 8, 1937.

CLASS 31

FILTERS AND REFRIGERATORS

Reg. No. 348,614. Registered Aug. 3, 1937. BROQUINDA INC., St. Petersburg, Fla. Republished by The Broquinda Corporation, St. Petersburg, Fla., a corporation of Florida.

POLAR PANTRY

FOR REFRIGERATORS.
Claims use since April 1936.

CLASS 32

FURNITURE AND UPHOLSTERY

Reg. No. 281,855. Registered Mar. 31, 1931. THE GENERAL FIREPROOFING COMPANY, Youngstown, Ohio, a corporation of Ohio. Republished by registrant.

GF Allsteel

The word "Allsteel" is disclaimed.
FOR OFFICE, STORE, HOSPITAL AND BANK FURNITURE—NAMELY, FILES, FILING CABINETS AND ALL OTHER ITEMS SET FORTH IN THE REGISTRATION.
Claims use since July 1, 1927.

Reg. No. 357,613. Registered June 7, 1938. THE GENERAL FIREPROOFING Co., Youngstown, Ohio, a corporation of Ohio. Republished by registrant.

COMFORT MASTER

FOR CHAIRS ESPECIALLY DESIGNED FOR THE OFFICE.
Claims use since Jan. 24, 1938.

Reg. No. 359,464. Registered Aug. 23, 1938. BARRETT-CRAVENS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Barrett Handling Equipment

The representations of the goods and the words "Handling Equipment" are disclaimed.
FOR MATERIAL HANDLING EQUIPMENT—NAMELY, MOVABLE STORAGE RACKS FOR BARRELS, DRUMS, DIES, AND SKIDS.
Claims use since May 28, 1921.

Reg. No. 367,503. Registered May 16, 1939. THE GENERAL FIREPROOFING Co., Youngstown, Ohio, a corporation of Ohio. Republished by registrant.

WYDESTEELS

FOR METAL FILING CABINETS.
Claims use since 1912.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Reg. No. 357,142. Registered May 24, 1938. ELGO SHUTTER & MANUFACTURING COMPANY, Detroit, Mich., a firm. Republished by registrant.

Elgo PRODUCTS

The word "Products" is disclaimed.
FOR SHUTTERS AND DAMPERS FOR VENTILATING AND AIR CONDITIONING PURPOSES, FAN AND SHUTTER ASSEMBLIES, AND VENTILATING SHUTTER UNITS EQUIPPED WITH FAN MOUNTINGS.
Claims use since Dec. 8, 1937.

Reg. No. 359,497. Registered Aug. 23, 1938. CANDY & COMPANY, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.

CANDI-LITE

The word "Lite" is disclaimed.
FOR CANDLE BURNING LAMPS AND FIXTURES—NAMELY, SANCTUARY LAMPS AND SENTINEL (PRE-FUNERAL) LAMPS.
Claims use since Mar. 1, 1935.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Reg. No. 337,784. Registered Aug. 18, 1936. THE GATES RUBBER COMPANY, Denver, Colo., a corporation of Colorado. Republished by registrant.

GATEX

FOR RUBBER HOSE, FOR WATER, AIR, AND STEAM; BELTS, V-SHAPED.
Claims use since Feb. 29, 1936.

Reg. No. 355,697. Registered Mar. 29, 1938. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio, a corporation of Ohio. Republished by registrant.

Dual BALLOON

The word "Balloon" is disclaimed.
FOR PNEUMATIC TIRES.
Claims use since June 2, 1928.

Reg. No. 355,698. Registered Mar. 29, 1938. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio, a corporation of Ohio. Republished by registrant.

DUAL GRIP

FOR PNEUMATIC TIRES.
Claims use since Jan. 20, 1923.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Reg. No. 349,447. Registered Aug. 31, 1937. HADDORFF PIANO COMPANY, Rockford, Ill., a corporation of Illinois. Republished by registrant, present location Chicago, Ill.

Vertichord

FOR PIANOS.
Claims use since May 3, 1935.

CLASS 37

PAPER AND STATIONERY

Reg. No. 334,574. Registered May 5, 1936. W. J. BRADFORD PAPER COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

CON W.J.B. FEX

FOR SLOTTED BOX AND PAIL PARTITIONS; CANDY LAYER CARDS, BOARDS AND DIVIDERS; DIE CUT PAIL, BOX AND BOARD PARTITIONS, LINERS, CIRCLES, BOATS AND FILLERS, ALL MADE OF PAPER; PAPERS — NAMELY, GLASSINE DIPPING, GREASE PROOF, WAXED, OILED, TWISTING, TISSUE AND TOILET; AND ROUNDED CORNER PARCHMENT CARDS.
Claims use since August 1911.

Reg. No. 347,093. Registered June 15, 1937. THE MUTUAL BENEFIT LIFE INSURANCE COMPANY, Newark, N. J., a corporation of New Jersey. Republished by registrant.

ANALAGRAPH

FOR CHARTS AND QUESTIONNAIRES FOR LAYING OUT GRAPHS REPRESENTING INSURANCE PROTECTION.
Claims use since Jan. 13, 1937.

Reg. No. 354,948. Registered Mar. 1, 1938. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

Delsey

FOR TOILET TISSUE.
Claims use since Oct. 15, 1937.

Reg. No. 355,441. Registered Mar. 15, 1938. THE PARKER PEN COMPANY, Janesville, Wis., a corporation of Wisconsin. Republished by registrant.

CHALLENGER

FOR FOUNTAIN PENS, MECHANICAL PENCILS, AND DESK SETS.
Claims use since Jan. 4, 1934.

Reg. No. 361,275. Registered Oct. 11, 1938. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio, a corporation of Ohio. Republished by registrant.

FORMAT

FOR PRINTING PAPER AND ESPECIALLY UNCOATED PRINTING PAPER.
Claims use since Mar. 14, 1929.

Reg. No. 361,276. Registered Oct. 11, 1938. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio, a corporation of Ohio. Republished by registrant.

GARAMOND

FOR PRINTING PAPER AND ESPECIALLY UNCOATED PRINTING PAPER.
Claims use since Mar. 14, 1929.

Reg. No. 362,758. Registered Nov. 29, 1938. CROWN ZELLERBACH CORPORATION, also doing business as Crown Willamette Paper Company, San Francisco, Calif., a corporation of Nevada. Republished by registrant.

MOISTITE

FOR WRAPPING PAPER.
Claims use since Jan. 1, 1932.

Reg. No. 365,463. Registered Mar. 7, 1939. KIMBERLY-CLARK CORPORATION, Neenah, Wis., a corporation of Delaware. Republished by registrant.

TRUFECT

FOR BOOK AND PRINTING PAPER.
Claims use since July 25, 1938.

Reg. No. 379,101. Registered July 2, 1940. ACME VISIBLE RECORDS, INC., Chicago, Ill., a corporation of Delaware. Republished by registrant.

EYE-REST

FOR VISIBLE RECORD CARDS AND INDEX BRISTOL.
Claims use since Sept. 13, 1939.

Reg. No. 379,518. Registered July 16, 1940. CROWN ZELLERBACH CORPORATION, also doing business as Crown Willamette Paper Company, San Francisco, Calif., a corporation of Nevada. Republished by registrant.

CRESTEX

FOR TISSUE PAPER.
Claims use since Jan. 1, 1932.

Reg. No. 388,396. Registered June 24, 1941. CONSOLIDATED WATER POWER & PAPER COMPANY, Wisconsin Rapids, Wis., a corporation of Wisconsin. Republished by registrant.

CONSOLIDATED COATED PAPERS

The words "Coated Papers" are disclaimed.
FOR COATED PAPER BUT NOT INCLUDING WRITING PAPER OR WRITING TABLETS.
Claims use since Dec. 17, 1940.

CLASS 38

PRINTS AND PUBLICATIONS

Reg. No. 235,053. Registered Nov. 8, 1927. BROWN & BIGELOW, St. Paul, Minn., a corporation of Minnesota. Republished by registrant.

MottoGRAM

FOR MAILING CARDS OF A WALL-CALENDAR TYPE AND WALL CALENDARS.
Claims use since Dec. 28, 1925.

Reg. No. 363,135. Registered Dec. 13, 1938. AMBROSE BOWYER, Chicago, Ill. Republished by registrant.

TRACTOR SERVICE and MAINTENANCE

FOR MAGAZINE SECTION TO BE PUBLISHED BI-MONTHLY.
Claims use since on or about June 13, 1938.

Reg. No. 381,225. Registered Sept. 17, 1940. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

SELL-O-VISION NEWS

FOR MAGAZINE.
Claims use since Dec. 1, 1939.

CLASS 39

CLOTHING

Reg. No. 334,068. Registered Apr. 21, 1936. THE UNITED STATES SHOE CORPORATION, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

GREEN CROSS SHOE

The word "Shoe" is disclaimed.
FOR SHOES MADE OF FABRIC, LEATHER, AND/OR RUBBER.
Claims use since Oct. 28, 1935.

Reg. No. 337,346. Registered Aug. 4, 1936. MOE LEVY & SON, INC., New York, N. Y. Republished by Stuarts Clothes, Inc., New York, a corporation of New York.

Tom Collins

FOR MEN'S AND BOYS' SUITS.
Claims use since Mar. 15, 1936.

Reg. No. 349,005. Registered Aug. 17, 1937. ROBERT W. HAMILTON, New York, N. Y. Republished by Robert W. Hamilton, Inc., New York, N. Y., a corporation of New York.

Lady Hamilton



CASTLE

FOR LADIES' DRESSES OF SILK, COTTON OR WOOL.
Claims use since July 1, 1936.

Reg. No. 349,084. Registered Aug. 17, 1937. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

DO-DADS

FOR SANITARY BABY DIAPERS.
Claims use since Mar. 26, 1937.

Reg. No. 353,797. Registered Jan. 18, 1938. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

PIONEER

FOR SUSPENDERS, GARTERS, AND BELTS FOR OUTER WEAR.
Claims use since July 21, 1937.

Reg. No. 357,483. Registered June 7, 1938. HUBRITE INFORMAL FROCKS, INC., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

Joyce Hubrite

FOR WOMEN'S, LADIES' AND MISSES' DRESSES.
Claims use since Nov. 1, 1937.

Reg. No. 365,340. Registered Mar. 7, 1939. FRANCO CORSET COMPANY, New York, N. Y., a firm. Republished by registrant.

bialastic

FOR CORSETS.
Claims use since on or about Apr. 1, 1938.

Reg. No. 367,159. Registered May 9, 1939. NORTHMONT HOSIERY CORPORATION, Reading, Pa., a corporation of Pennsylvania. Republished by registrant.

Stretchette

FOR HOSIERY.
Claims use since Oct. 20, 1938.

Reg. No. 367,924. Registered June 6, 1939. THE UNITED STATES SHOE CORPORATION, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

FOUNDATION LAST No.

The words "Last No." are disclaimed.
FOR SHOES MADE OF LEATHER, RUBBER, FABRIC AND/OR A COMBINATION OF THESE MATERIALS.
Claims use since Apr. 10, 1933.

Reg. No. 387,871. Registered June 3, 1941. AMOSKEAG PAJAMA CO. INC., Boston, Mass. Republished by Amoskeag Pajama Co., Inc., Boston, Mass., a corporation of Massachusetts.

HIPPO SEAT

The word "Seat" is disclaimed.
FOR PAJAMAS FOR MEN AND BOYS.
Claims use since Jan. 4, 1941.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Reg. No. 348,928. Registered Aug. 17, 1937. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., A corporation of Delaware. Republished by registrant.

GEORGIAN

FOR SANITARY NAPKINS.
Claims use since Nov. 30, 1936.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Reg. No. 381,245. Registered Sept. 17, 1940. CRANBERRY CANNERS, INC., South Hanson, Mass. Republished by National Cranberry Association, Hanson, Mass., a corporation of Delaware.

CRAN

FOR CRANBERRY JUICE FOR BEVERAGE PURPOSES.
Claims use since Apr. 8, 1939.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Reg. No. 167,111. Registered Apr. 24, 1923. BLANKE-BAER EXTRACT & PRESERVING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

TRI-SUM

FOR JELLY, APPLE BUTTER, AND FRUIT PRESERVES.
Claims use since Feb. 20, 1922.

Reg. No. 337,592. Registered Aug. 11, 1936. THE ROBINSON MILLING COMPANY, Salina, Kans., a corporation of Kansas. Republished by registrant.

ROBIN'S BEST



The word "Best" is disclaimed.
FOR WHEAT FLOUR.
Claims use since Feb. 7, 1919.

Reg. No. 347,659. Registered June 29, 1937. UNITED PURE FOOD CO., New York, N. Y., a corporation of New York. Republished by registrant.

PREZIOSO

FOR EDIBLE VEGETABLE OILS.
Claims use since 1893.

Reg. No. 354,361. Registered Feb. 8, 1938. KELLOGG SEED COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

PETAMINE

FOR FOOD FORMULA FOR CAGE BIRDS.
Claims use since June 21, 1937.

Reg. No. 355,950. Registered Apr. 5, 1938. NEIL'S LABORATORY, Los Angeles, Calif. Republished by Neil Products Inc., Los Angeles, Calif., a corporation of California.

Neil's

FIXOID-BUMOR

FOR FLAVORING EXTRACTS FOR FOODS AND FROZEN CONFECTIONS.
Claims use since Aug. 9, 1937.

Reg. No. 356,069. Registered Apr. 12, 1938. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

ORO

FOR SHORTENING COMPRISING HYDROGENATED UNSATURATED OILS AND FATS.
Claims use since Sept. 2, 1937.

Reg. No. 356,629. Registered May 3, 1938. J. C. WALKER BROTHERS, INC., Exmore, Va. a corporation of Virginia. Republished by registrant.

SEASIDE

FOR OYSTERS AND SALT WATER FISH—NAMELY, CROAKERS, WEAK FISH, MACKEREL, PORGIES, AND OTHER LESS IMPORTANT FISH.
Claims use since early in 1889.

Reg. No. 357,104. Registered May 24, 1938. VITAMINERALS, INC., Los Angeles, Calif. Republished by Vitaminerals, Inc. (1946), Los Angeles, Calif., a corporation of California.



The address "3636 Beverly Blvd., Los Angeles, Calif." is disclaimed.
FOR CONCENTRATED DEHYDRATED, VEGETABLE MILK, AND FRUIT PRODUCT WITH ADDED NATURAL VITAMIN CONCENTRATES OBTAINED FROM VEGETABLE AND FISH OIL SOURCES.
Claims use since Aug. 1, 1933.

Reg. No. 359,940. Registered Sept. 6, 1938. THE KELLING NUT CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

DOUBLE KAY

FOR SALTED, CANDIED, AND PLAIN NUT MEATS.
Claims use since 1907.

Reg. No. 360,359. Registered Sept. 13, 1938. UNITED PURE FOOD CO., New York, N. Y., a corporation of New York. Republished by registrant.

CENTEN

FOR OLIVE OIL.
Claims use since Feb. 3, 1938.

Reg. No. 361,939. Registered Nov. 8, 1938. STANDARD MILLING COMPANY, New York, N. Y. Republished by Standard Milling Company, Chicago, Ill., a corporation of Illinois.

GULF PRIDE

FOR WHEAT FLOUR.
Claims use since Sept. 14, 1937.

Reg. No. 367,392. Registered May 16, 1939. UNITED PURE FOOD CO., New York, N. Y., a corporation of New York. Republished by registrant.

KING MINOS

FOR CANNED VEGETABLES, DRIED VEGETABLES, CANNED FRUITS, DRIED FRUITS, OLIVE OIL, OLIVES, FRUIT JUICES FOR FOOD PURPOSES, AND CHEESE.
Claims use since July 18, 1938.

Reg. No. 368,701. Registered June 27, 1939. CHOCOLATE PRODUCTS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Stillicious

FOR INGREDIENTS FOR MAKING PUDDINGS OF VARIOUS FLAVORS, SUCH AS CHOCOLATE OR VANILLA FLAVORED PUDDINGS, SAID INGREDIENTS BEING IN POWDERED FORM AND COMPRISING ESSENTIALLY SUGAR, TAPIOCA, STARCH, YEAST AND SALT, TO WHICH MILK OR THE LIKE IS ADDED BY THE CONSUMER TO MAKE A PASTE TO POUR INTO MOLDS IN THE FORM OF PIES, CUPS, OR THE LIKE.
Claims use since Oct. 30, 1935.

Reg. No. 388,962. Registered July 22, 1941. STANDARD MILLING COMPANY, New York, N. Y. Republished by Standard Milling Company, Chicago, Ill., a corporation of Illinois.

N. W.
IMPERIAL

FOR WHEAT FLOUR.
Claims use since Aug. 31, 1939.

CLASS 47

WINES

Reg. No. 28,269. Registered May 19, 1896. AMERICAN WINE COMPANY, St. Louis, Mo. Republished by American Wine Company, St. Louis, Mo., a corporation of Delaware.

COOK'S Imperial

FOR CHAMPAGNE—WINE.
Claims use since abont 1875.

Reg. No. 44,662. Registered July 18, 1905. AMERICAN WINE COMPANY, St. Louis, Mo. Republished by American Wine Company, St. Louis, Mo., a corporation of Delaware.

COOK'S Imperial

FOR CHAMPAGNE OR SPARKLING WINE.
Claims use since 1870.

CLASS 48

MALT BEVERAGES AND LIQUORS

Reg. No. 337,230. Registered Aug. 4, 1936. P. BALLANTINE AND SONS, Newark, N. J., a corporation of New Jersey. Republished by registrant.



The representation of the label is disclaimed. The drawing is lined to indicate copper color.
FOR BEER AND ALE.
Claims use since Sept. 25, 1935.

Reg. No. 354,655. Registered Feb. 15, 1938. THE GEO. WIEDEMANN BREWING CO., INC., Newport, Ky., a corporation of Kentucky. Republished by registrant.

WIEDEMANN

FOR BEER.
Claims use since on or about Jan. 1, 1882.

Reg. No. 365,939. Registered Mar. 21, 1939. HORLACHER BREWING COMPANY, Allentown, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR BEER AND ALE.
Claims use since Oct. 27, 1938.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Reg. No. 347,081. Registered June 15, 1937. ABRAM SMITH BOWMAN, Sunset Hills, Va. Republished by registrant.

VIRGINIA GENTLEMAN

FOR DISTILLED ALCOHOLIC LIQUORS.
Claims use since Jan. 14, 1937.

Reg. No. 362,915. Registered Dec. 6, 1938. ABRAM SMITH BOWMAN, Sunset Hills, Va. Republished by registrant.

Old Virginia Hills

The word "Virginia" is disclaimed.
FOR WHISKEY.
Claims use since May 14, 1938.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Reg. No. 353,871. Registered Jan. 18, 1938. RESPRO INC., Cranston, R. I., a corporation of Rhode Island. Republished by registrant.

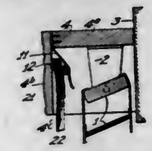
RESKRAF

FOR ARTIFICIAL LEATHER.
Claims use since July 14, 1937.

REISSUES

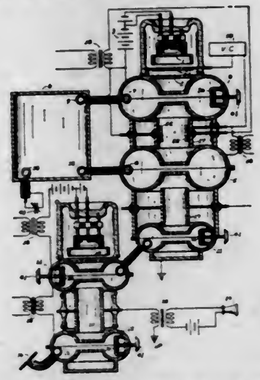
MARCH 23, 1948

22,989
WINDOW DRAPE ROD HANGING MEANS
Francis X. Ganter, Los Angeles, Calif.
Original No. 2,391,150, dated December 18, 1945, Serial No. 477,589, March 1, 1943. Application for reissue December 16, 1946, Serial No. 716,517
18 Claims. (Cl. 160—19)



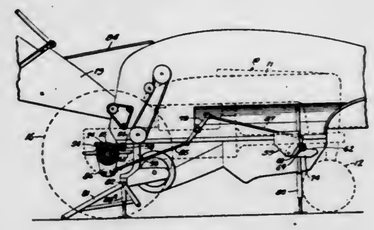
1. In a means of the class described, a relatively flat horizontal support, and a plurality of resilient brackets, each secured at one end to the outer edge of the support, and the opposite end extending angularly and downwardly therefrom, said opposite end of each bracket having a hook portion for supporting a curtain rod.

22,990
MODULATION SYSTEM
William W. Hansen, Garden City, and Russell H. Varian, Wantagh, N. Y., assignors to The Board of Trustees of The Leland Stanford Junior University, Stanford University, Calif., a corporation of California
Original No. 2,281,935, dated May 5, 1942, Serial No. 326,150, March 27, 1940, which is a division of Serial No. 201,898, April 14, 1938. Application for reissue March 1, 1943, Serial No. 477,668
78 Claims. (Cl. 179—171.5)



23. The method of modulating the envelope of the high frequency output of ultra high frequency electron beam apparatus which consists of initiating recurrent changes in electron velocity of the beam at ultro high frequency at a region in the path thereof, absorbing energy from the beam, and effecting modulation of said ultra high frequency by changing the time of flight of the electrons in the beam between said region and the point of said energy absorption in accordance with an applied modulation signal.

22,991
IMPLEMENT CONSTRUCTION
Rex B. Hitchcock, Brussels, Belgium, and William C. Rosenthal, Chicago, Ill., assignors to International Harvester Company, a corporation of New Jersey
Original No. 2,376,539, dated May 22, 1945, Serial No. 490,267, June 10, 1943. Application for reissue August 21, 1946, Serial No. 691,894
41 Claims. (Cl. 56—20)



3. In combination, a tractor having a body, an axle, and a wheel on the axle spaced from the body to provide space for an implement, an implement positioned in said space, a mounting structure on the tractor, said structure having an element in engagement with the implement to be carried by the tractor in said space, and structure for shifting the mounting means with respect to the tractor to shift the implement bodily between a position in which it is carried by the tractor raised and operative and between the wheel and the body and a position in which it rests inoperative upon the ground to enable the tractor with the mounting structure thereon to be moved away from the implement.

PLANT PATENTS

GRANTED MARCH 23, 1948

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

793
PLUM TREE
De Ross Kellogg, Milford, Conn., assignor to Stark Bro's Nurseries and Orchards Company, Louisiana, Mo., a corporation of Missouri
Application December 13, 1946, Serial No. 716,010
1 Claim. (Cl. 47—62)

A new and distinct variety of plum tree, having a similarity to the Compass Cherry plum variety but distinguished therefrom in respect to the large size of its fruit, superiority of the flavor and good disease resistance of the fruit, hardiness and vigor of growth of the tree, good disease resistance thereof, and regularity and productivity of its bearing, substantially as shown and described.

794
APPLE TREE
Rowland Sigel Rogers, deceased, late of Bloomfield, Ind., by Everett R. Bridges, administrator, Bloomfield, Ind., assignor to Stark Bro's Nurseries and Orchards Company, Louisiana, Mo., a corporation of Missouri
Application March 20, 1947, Serial No. 735,848
1 Claim. (Cl. 47—62)

A new and distinct variety of apple tree, characterized as to novelty by the bright red striped or streaked coloring of the fruit over yellow ground color; outstanding heavy bearing habit of the tree, producing big crops regularly every year; its earlier ripening period relative to Grimes Golden and Jonathan varieties; and the superior eating quality of the fruit, substantially as shown and described.

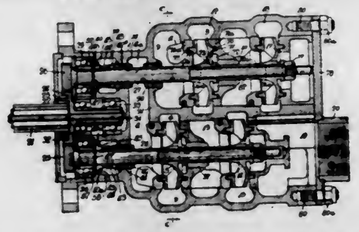
795
PEACH TREE
Fred D. Williams, Porterville, Calif.
Application March 23, 1946, Serial No. 656,593
1 Claim. (Cl. 47—62)

A new and distinct variety of peach tree substantially as herein disclosed, characterized by freestone fruit having a substantially higher coloring, which is predominately a deep reddish color, and an almost total lack of fuzz; both as compared to the Elberta and Fay Elberta varieties, but retaining the rich flavor of the fruit of said varieties and equaling the latter in ability to bear, tree vigor, size of crop, freedom from disease, and keeping quality of the fruit.

PATENTS

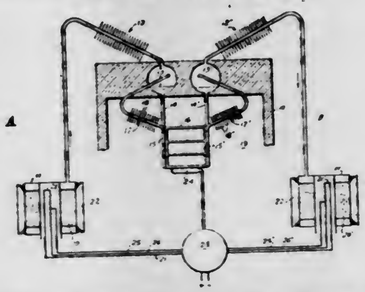
GRANTED MARCH 23, 1948

2,438,104
PUMP
Harold E. Adams, Norwalk, Conn., assignor to Nash Engineering Company, South Norwalk, Conn., a corporation of Connecticut
Application September 23, 1944, Serial No. 555,444
5 Claims. (Cl. 103—108)



1. A centrifugal pump comprising a plurality of stages, each stage comprising an impeller and a volute therefor, a plurality of shafts, one of said impellers being on each of said shafts, means whereby the volute of one of said stages discharges directly into the inlet of the impeller of another stage, a casing enclosing said stages, and including an inlet chamber means, means constituting a chamber in said casing separate from the inlet chamber means through which chamber at least one of said shafts passes, a bearing for said shaft on the side of said separate chamber removed from the inlet chamber means, means for lubricating the bearing, sealing means in the separate chamber to impede leakage of fluid from said bearing into said chamber and from said inlet chamber means into said separate chamber, and means for drawing such leakage fluid as may pass said sealing means from the separate chamber.

2,438,105
REFRIGERATING APPARATUS OF THE INTERMITTENT ABSORPTION OR ADSORPTION TYPE
Nils Erland af Kleen, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J., a corporation of Delaware
Application September 14, 1942, Serial No. 458,240
1 Claim. (Cl. 62—5)



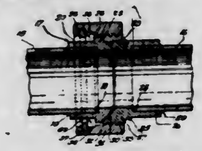
Refrigerating apparatus including two intermittent absorption refrigerating units having alternate heating and cooling periods, heating means for each of said units to effect generation of refrigerant vapor, means for varying the heating rate of said heating means in accordance with the demands for refrigeration to vary correspondingly the rate of generation of refrigerant vapor per unit of time, and mechanism for controlling the operation of said heating means to heat each of said units intermittently and in out of phase relationship with respect to one another including means constructed and arranged to terminate operation of the heating means of a respective unit at the end of the heating period thereof and simultaneously initiate operation of the heating means of the other unit but at a rate insufficient to effect generation of refrigerant vapor for a predetermined period at the beginning of the cooling period of the first-named unit.

2,438,106
PERORAL PENICILLIN COMPOSITIONS
Harvey E. Alburn, West Chester, Pa., Jesse Charney, New York, N. Y., and Finn W. Bernhart, Solon, Ohio, assignors to Wyeth Incorporated, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application June 9, 1944, Serial No. 539,598
5 Claims. (Cl. 167—55)

1. A therapeutic composition in dosage form for oral administration producing higher blood-levels of penicillin than are obtained upon oral administration of penicillin alone comprising penicillin and sodium citrate in an amount sufficient to protect the penicillin against therapeutically significant destruction by gastric hydrochloric acid.

3. A therapeutic composition in dosage form for oral administration producing higher blood-levels of penicillin than are obtained upon oral administration of penicillin alone comprising penicillin in an orally effective amount and a non-toxic amount of a penicillin-compatible buffering agent of the type failing to evolve carbon dioxide upon acidification, the amount of said buffering agent being sufficient to protect a substantial portion of the penicillin against therapeutically significant destruction by gastric hydrochloric acid.

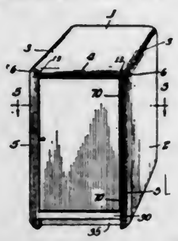
2,438,107
PIPE COUPLING
Daniel R. Babbitt, Portland, Oreg., assignor to Electric Steel Foundry, Portland, Oreg., a corporation of Oregon
Application June 6, 1946, Serial No. 674,787
5 Claims. (Cl. 285—122)



1. A pipe coupling for separably joining the ends of two pipes and comprising, in combination, coacting flanged fittings adapted to be se-

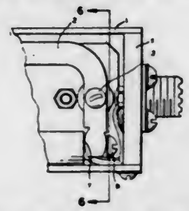
cured to said ends of the two pipes by fluid-tight joints and having tapered end surfaces for separably seating together in fluid-tight relationship, one of said flanged fittings having a threaded outer surface of a diameter greater than that of the pipe to which it is secured, the other of said flanged fittings having an enlarged end portion of a diameter substantially equal to the minor diameter of said threads and a collar portion of lesser diameter than the enlarged end portion joined by a shoulder surface facing away from said one of the flanged fittings, a nut having an end portion internally threaded to fit the threaded outer surface of said one of the fittings, the entire other end portion of said nut having an internal diameter greater than the major diameter of the threads and having therein an annular groove separated from the threaded end portion by a shouldered intermediate portion, a split ring including two semicircular halves of a size to fit said collar portion in a position abutting said shoulder surface and to fit within said shouldered intermediate portion of the nut between the threaded portion and said annular groove, and a snap ring having normally separated ends and of a size to fit into said annular groove with an edge portion abutting the ends of the halves of said split ring to retain the split ring in place within the nut, said snap ring having an internal diameter sufficiently greater than one of the pipes that the separated ends thereof may be forced together to effect removal of the snap ring and split ring.

2,438,108
SHEET METAL CABINET AND METHOD OF MAKING THE SAME
Richard C. Barler, Goshen, and John H. Yoder, Waterford, Ind.; said Yoder assignor to said Barler
Application November 17, 1943, Serial No. 510,616
7 Claims. (Cl. 312—141)



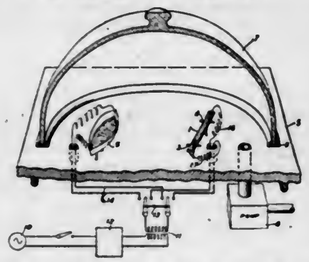
4. A sheet metal cabinet having a top wall, side walls and a back wall, in which the side walls extend integrally from the top wall and the back comprises two sections extending integrally from said side walls respectively, and connected together, completing the back wall and spacing the side walls from top to bottom, the portion connecting each side wall with the top wall being smoothly rounded, the front margin of the top wall being rounded downwardly and the front margins of the side walls being rounded inwardly toward each other, the front corners of the top and the upper front corners of the sides being rounded to form mitered joints with said top corners, the extreme marginal portions of said top and sides beyond their rounded portions being bent back toward the interior of the cabinet, and reinforcing angle fittings each disposed opposite the inner, unexposed surfaces of adjoining rounded portions and their bent-back marginal portions and secured in rigid engagement with said bent-back portions.

2,438,109
TEMPERATURE CONTROL DEVICE
Frederick D. Bennett, Dayton, and Thomas A. Newkirk, Fairfield, Ohio
Application June 3, 1944, Serial No. 538,676
1 Claim. (Cl. 297—11)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



In a device of the character described, a metallic case, a bell-crank lever carried by said case and pivotally mounted therein, a rod having a coefficient of expansion different than that of said case and anchored at one end to that end of the case remote from the lever pivot, one end of said lever having opposed convex surfaces one of which contacts the free end of the rod and adjustable, threaded fastening means passing through said convex surfaces into said rod, said fastening means being loose enough to allow continuous, free-sliding, rocking, surface-contact of the lever on and between said rod and fastening means.

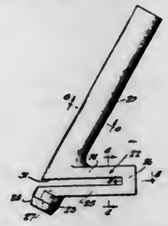
2,438,110
ELECTRICAL TRANSLATING MATERIALS AND DEVICES AND METHOD OF MAKING THEM
Walter H. Brattain, Halesite, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application July 28, 1943, Serial No. 496,416
5 Claims. (Cl. 250—31)



1. The combination in an electrical translating device of a translating element comprising a metallic base having a layer of silicon deposited thereon, the surface of said silicon layer containing an alloy of silicon and lead, and a spring contact wire making a point-contact with the surface of said silicon layer.

3. The method of making a translating device for electric waves of ultra-high frequency which comprises depositing a layer of silicon upon the surface of a metal base, causing a reaction to take place between the silicon of said layer and a metallic compound to form an alloy of the metal with the silicon near the surface of the silicon layer and to form a silicate of the metal covering the surface of the silicon layer, and removing the covering of silicate to expose the surface of the silicon layer.

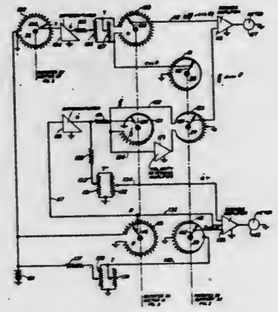
2,438,111
STYLUS FOR SOUND REPRODUCTION
Richard H. Campbell, Racine, Wis., assignor to Webster Electric Company, Racine, Wis., a corporation of Delaware
Application November 26, 1945, Serial No. 630,732
1 Claim. (Cl. 274—38)



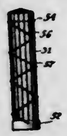
A stylus for sound reproduction, comprising a metal member having a shank for securement in a chuck, said shank supporting a substantially U-shaped laterally extending integral spring, said spring having a pair of relatively flat parallel legs separated by a parallel sided slot, the shank being secured to one of said legs, and the other of said legs supporting an enlargement of minimum size adapted to be provided with a socket for receiving a point member, a point member located in said socket and having a minimum length to reduce the unsprung mass of the point supporting portion of said stylus, said U-shaped spring extending substantially parallel to a record, when the stylus shank is disposed at a predetermined tracking angle, and the other of said flat legs of said spring being longer, to locate the point member substantially on the axis of the shank, thereby eliminating any tendency of the point member to turn the stylus in its chuck, the said slot between the legs of said U-shaped spring being open, and the walls thereof being spaced slightly from each other so that when a tone arm bearing the needle is dropped, the spring may take up the shock, but the shock will result in the momentary closing of the end of the slot without permanent deformation of the stylus, said stylus having an inherent needle resonance frequency of more than 10,000 cycles per second, and the cross-sectional shape of the parts of said spring being substantially rectangular and of wider dimension laterally than vertically, whereby the lateral compliance is low in comparison with the vertical compliance, the low lateral compliance preventing an excessive loss in driving power applied to the needle chuck.

2,438,112
BOMBSIGHT COMPUTER
Sidney Darlington, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 29, 1943, Serial No. 492,729
6 Claims. (Cl. 235—61.5)

1. In a system for indicating that the correct track is being flown by an aerial vehicle so that a bomb dropped from said vehicle will land on a target, a grounded source of voltage, means connected to said source and controlled by observations of said target to fractionate the voltage from said source proportionally to the rate of change in the angle between a fixed direction and the vertical plane including said vehicle and said target, a first potentiometer having a first wiper connected to said means and adjusted to select a voltage proportional to the trail of said bomb, and a winding, means on said vehicle controlled by observations of said target including a first shaft moved proportionally to the horizontal range from said vehicle to said target and a second shaft moved proportionally to the angle between the axis of said vehicle and said plane, a second potentiometer having a second wiper connected to the winding of said first potentiometer and moved by said second shaft and a winding varying in resistance with a sinusoidal function connected to ground, and a third potentiometer having a winding connected across the winding of said first potentiometer and a third wiper moved by said first shaft to select a voltage proportional to said rate of change multiplied by the ratio of said range to said trail plus the cosine of said latter angle.



2,438,113
METHOD AND APPARATUS FOR WINDING GRIDS
Robert Denmark, New York, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 5, 1943, Serial No. 509,145
17 Claims. (Cl. 140—71.5)

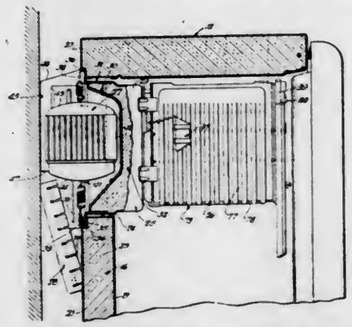


1. The method of manufacturing grids for electronic devices comprising forming a loop of one, then a loop of another, then another loop of the first, then another loop of said other, and so on until all of said loops are made, securing bands to the individual wires of said grids at the adjacent portions thereof in order to maintain the desired relationship between said wires, winding a wire helically around said assembled loops and securing thereto, and securing the corresponding end of said helical wire to said band.

2,438,114
REFRIGERATOR CONSTRUCTION
James H. Dennedy, Evansville, Ind., assignor to Seeger Refrigerator Company, a corporation of Minnesota
Application February 28, 1946, Serial No. 650,804
9 Claims. (Cl. 62—116)

1. A removable refrigerator unit comprising an insulating plug having an inner metallic shell to

be located inside the cabinet and an outer metallic shell, the said shells being joined by breaker strips at their edges and the outer shell being recessed to receive and house a portion of a motor compressor unit, the space between said shells being filled with suitable heat insulation, forming a plug adapted to close an aperture in the rear of a refrigerator cabinet, said plug supporting an evaporator on its inner shell and said plug supporting a motor compressor unit in the recess of its outer shell, said motor compressor unit having an external cylindrical surface, a chimney member open at its upper end and lower end and enclosing the projecting part of said



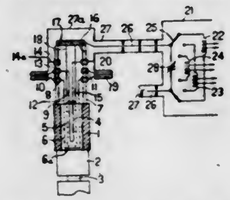
motor compressor unit to form an air circulation chimney about the motor compressor unit, a condenser for said unit located to extend across the lower opening of said chimney whereby the air heated by said condenser will pass up said chimney and induce convection air currents past said motor compressor unit to cool the latter, and a cooling unit for said motor compressor unit, comprising a cylindrical body complementary in shape to the exterior cylindrical surface of the motor compressor, said cylindrical body having a multiplicity of laterally extending fins projecting from each of its opposite sides, the fins being located parallel to each other and to said chimney member.

2,438,115

SCREENING MEANS FOR VACUUM ELECTRIC TUBE DEVICES

John Mathieson Dodds, Timperley, and John Heywood Ludlow, Bowdon, England

Application December 29, 1943, Serial No. 516,107
In Great Britain May 13, 1938
3 Claims. (Cl. 250—40)



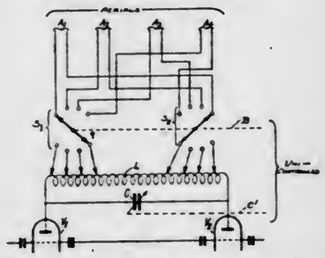
1. In a radio transmitter for high frequencies, a valve having a control grid and anode, a resonant circuit electrically connected with said control grid, a screening electrode separating the control grid and anode, a conductive support for said screening electrode forming an electrically continuous connection therewith, an electrical screening enclosing said resonant circuit, electrical screening enclosing the connection between the control grid and resonant circuit and forming a continuous electrical connection on the one side with the screening electrode support and on the other side with the resonant circuit screen, the arrangement being such as to form an electrically continuous screen between the control grid circuit and anode circuit both internally and externally of the valve.

2,438,116

UNICONTROLLED TRANSMITTER TUNING AND ANTENNA SWITCHING ARRANGEMENT

John Mathieson Dodds, Timperley, and John Heywood Ludlow, Bowdon, England

Application December 29, 1943, Serial No. 516,109
In Great Britain April 16, 1940
2 Claims. (Cl. 250—17)



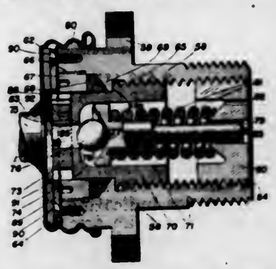
2. In a radio transmitter, a pair of output valves, a tuning inductance connected between the anodes of said valves, a variable condenser forming a tuned circuit with said inductance, a plurality of aerials, a plurality of simultaneously operable means to selectively connect each one of said aerials to two respective ones of a plurality of points of said inductance means, and uni-control means to operate said last-named means and to vary said condenser.

2,438,117

VALVE FOR DEPTH CHARGE FIRING MECHANISMS

Walter B. Ellwood, New York, N. Y.

Application August 25, 1942, Serial No. 456,047
2 Claims. (Cl. 251—121)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



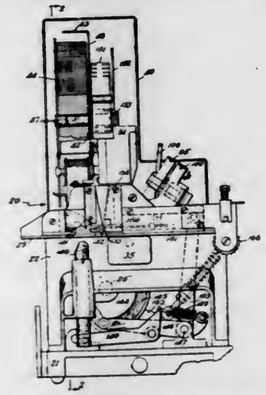
1. In a submersible hydrostatically operable device into which a pressure liquid is admissible, a ball valve for said device comprising a relatively stationary valve body, a seat member having a liquid inlet orifice defining a seat in communication with the interior of said valve body, the ball valve being initially spaced from but engageable with the seat, said seat member having a chamber and being adjustable in the valve body to eventually close said spacing, a circular ball-centering flange occupying the chamber in the seat member, said flange backing the ball and having a stem, a spring engaging the back of the flange but initially lacking compression to produce said initial spacing of the ball valve, and a tail support having a guide bore for said stem, said bore and chamber having relatively close clearances around the respective stem and circular flange.

2,438,118

TAG PRINTING MACHINE

Edward W. Flood and Carl A. Flood, Framingham, Mass., assignors to Dennison Manufacturing Company, Framingham, Mass., a corporation of Massachusetts

Application October 10, 1942, Serial No. 461,564
4 Claims. (Cl. 101—288)



1. A tag printing machine comprising periodically operating means for advancing the tag lengthwise, a type-carrying printing head arranged to print on a longitudinally extending zone of the tag, means, acting between successive operations of the lengthwise advancing means, for causing between such operations a cycle of back and forth shifting movement of the relative positions of the printing head and tag transversely of the path of advance to relative positions of the printing head and tag in which different longitudinally extending zones of the same tag are presented to the same type of said printing head, and means for operating the printing head a plurality of times for each said cycle of transverse relative shifting movement between successive operations of the lengthwise advancing means, at times when the respective different longitudinally extending zones of the tag are presented to said same type.

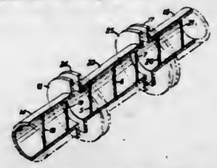
2,438,119

WAVE TRANSMISSION

Arthur Gardner Fox, Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application November 3, 1942, Serial No. 464,333
46 Claims. (Cl. 178—44)

1. A phase shift section for guided electromagnetic waves comprising a wave guide and three spaced polar reactive impedances connected in shunt thereto, the reactances of said impedances being chosen to provide the desired phase shift at a certain frequency, the spacing between said impedances being adjusted for maximum



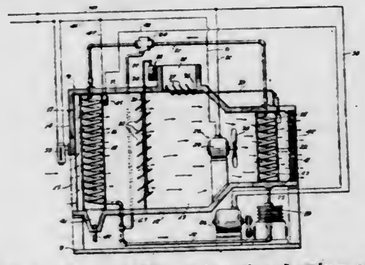
transmission of energy at said frequency, and the intermediate of said impedances having a reactance approximately half as large as the reactance of each of the other of said impedances.

2,438,120

APPARATUS FOR DEHUMIDIFYING AIR

Walter H. Freygang, Essex Fells, N. J., assignor to Kidde Manufacturing Co., Inc., a corporation of Delaware

Application January 27, 1944, Serial No. 519,840
8 Claims. (Cl. 62—6)



1. In a dehumidifier, a housing having oppositely disposed inlet and outlet openings to permit air to be dehumidified to be circulated through said housing, a refrigerating unit associated with said housing and having an evaporator and a condenser disposed in said housing adjacent said inlet and outlet openings, respectively, air propelling means for propelling air through said evaporator and said condenser, a shutter mounted in said housing between said condenser and said evaporator for controlling the rate of flow of the air through said evaporator, a thermostat mounted outside of said housing and connected to said shutter for operating the latter, said housing being provided with an inlet conduit between said shutter and said condenser for admitting air into said housing to increase the rate of flow of the air through said condenser, means for controlling the admission of air into said housing through said conduit and including a thermostat operated by the temperature of the air passing through said condenser, and dual control means responsive to the temperatures of the air outside and inside of said housing for controlling the operation of said refrigerating unit.

2,438,121

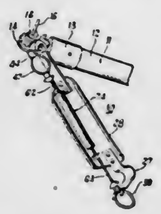
TOOL FOR APPLYING FUSE LINKS TO FUSED CUTOUTS

David C. Hubbard, Centralia, Mo., assignor to A. B. Chance Company, Centralia, Mo., a corporation of Missouri

Application February 12, 1947, Serial No. 728,122
9 Claims. (Cl. 294—19)

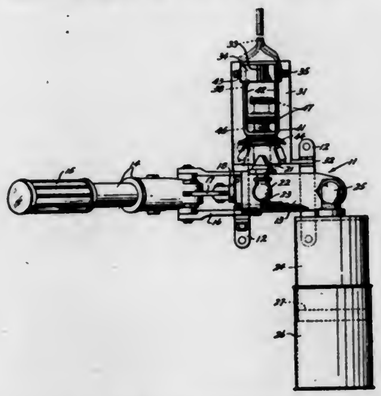
7. A tool for applying fuse links to a fused cutout assembly comprising an insulating shield

comprising a section of a tubular member adapted to extend about a portion of the fuse link, said tubular section supporting at one end a rigid metal member which extends axially and has a transversely extending grooved arm for engagement with the loop of a fuse link, said tubular section supporting at its other end a leaf spring which extends axially and is transversely bent and provided with a grooved formation at its end for engagement with the other loop of a fuse link, whereby the fuse link is placed under sufficient tension to hold it on the tool, and means for mounting said tool upon an insulating pole, said



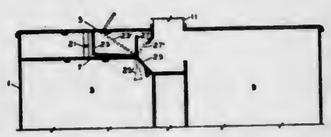
means comprising a supporting member having a substantially circular flange provided with an inwardly extending slot adapted to receive a clamping screw bolt, said flange having its face provided with radial ribs and grooves for engagement with a complementary member on the pole, said supporting member being pivotally secured for tight frictional pivotal movement on said rigid metal member whereby the fuse link may, when supported on the tool, be adjusted universally to extend in the direction in which the contacts are arranged on a fused cutout assembly when the operator is in position to install the fuse link.

2,438,122
BEARING GREASING DEVICE
Vincent J. Krobath, Jr., St. Louis, Mo., and Ray J. Roenigk, Jr., Houston, Tex.
Application June 22, 1945, Serial No. 601,049
5 Claims. (Cl. 184—1)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



3. A bearing lubricator comprising supporting means, a hand-operated pump supported on said means, a reservoir mounted on the pump, a nozzle on the pump and fed from the reservoir by operation of said pump, said reservoir including a barrel portion open at its end and being constructed to have a grease containing can with an open end mounted to slide inwardly on said barrel portion by the force of suction during operation of the pump, a lever and means for pivoting it on said supporting means, and a cup-shaped seat carried by the lever to cooperate with said nozzle for holding a bearing in place, said lever with the seat thereon being arranged for quick swinging movement toward and away from the nozzle and for clamping the bearing in place while greasing it to facilitate speedy mounting and greasing and dismounting of the bearing.

2,438,123
CHARGING SEAL FOR STOVES
Robert D. Lambert and Charles L. Bailey, Knoxville, Tenn., assignors to Tennessee Valley Authority, a corporation of the United States of America
Application November 18, 1943, Serial No. 510,770
6 Claims. (Cl. 126—287)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a magazine heater comprising an outer shell, a combustion chamber and fuel magazine with an independent top within said shell, a top to said shell, a smoke channel through said outer shell top communicating with said combustion chamber, a fuel inlet and cover therefor in said outer shell top above said magazine, and a secondary fuel inlet and cover therefor in said independent top of said magazine below the first mentioned fuel inlet and cover, wherein the top of said magazine, the top of said shell above said magazine and the portions of said shell adjacent thereto form a zone which is enclosed except for an outlet communicating with said smoke channel with said outlet of configuration such that it may be closed or opened by the operation of a closure associated therewith; an automatic charging damper which comprises an outlet near the top of said magazine communicating with said smoke channel, closures for said outlets, and means associated with said secondary cover and responsive to the position of the latter to vary the position of said closures in relation to their respective outlets.

2,438,124
PRODUCTION OF 1,2-DISUBSTITUTED 3-CYANOGUANIDINES
Hans Z. Lecher, Plainfield, and Robert P. Parker and Robert S. Long, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application September 22, 1945, Serial No. 618,068
5 Claims. (Cl. 260—551)

1. As new compounds, the 1,2-dihydrocarbon-substituted-3-cyanoguanidines having at least one aliphatic hydrocarbon substituent.

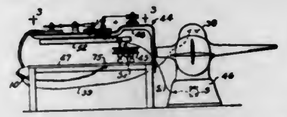
2,438,125
STABILIZATION OF OXIDIZED AROMATIC HYDROCARBONS
Eugene J. Lorand and John E. Reese, Wilmington, Del., assignors to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application September 4, 1945, Serial No. 614,434
9 Claims. (Cl. 260—592)

1. The process of stabilizing a reaction mixture produced by the oxidation of an alkyl-substituted aromatic organic compounds having the structural formula



in which R_1 and R_2 represent alkyl groups and Ar represents a substituent selected from the group consisting of aryl and alkaryl groups, said process comprising heating said reaction mixture at a temperature between about 100° C. and about 130° C. in the presence of aqueous alkali.

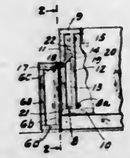
2,438,126
MECHANICAL SIGNAL AND VOLUME CONTROL FOR MINIATURE RADIO RANGES
Carl W. Muller, Osborn, Ohio
Application February 17, 1940, Serial No. 319,498
14 Claims. (Cl. 35—10)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



5. In combination, an aviation ground trainer for simulating the flight of an aircraft, a reference surface, a course indicator movable relative to said reference surface under the directional control of said trainer in a manner equivalent to the simulated flight course of said aircraft, a signal generator for generating signals simulating the signals of a "radio range" transmitting station, a signal receiver connected to said signal generator and mounted in the cockpit of said trainer, a control means for said signal generator for controlling the character of positional signals transmitted to said signal receiver and a means operatively connected to said course indicator and to said control means for actuating said control means responsive to the position of said course indicator relative to predetermined zones on said reference surface representing a radio range signal pattern.

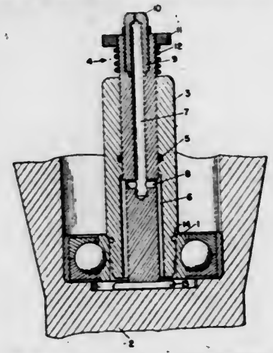
2,438,127
BED DAVENPORT
Irvin C. Poskin, Los Angeles, Calif.
Application October 27, 1944, Serial No. 560,607
8 Claims. (Cl. 5—38)

2. A sofa having an elongated seat portion supported by and between end pieces which project above the ends of said seat portion, a back member extending substantially the entire length of said seat portion and hinged adjacent to the back side thereof to swing from an upstanding to a substantially horizontal position and vice versa, legs having end portions pivotally attached to said back member, and latching means to at times hold said back member in an upstanding position, said latching means comprising stationary parts carried by said end pieces and hooked members pivoted to said back member, said hooked members each having a hook at one side of its pivotal mounting and a tailpiece at the opposite side



thereof, said tailpieces being positionable to overlie the free end portions of said legs to keep them in an inswung relation to said back member when the hooks are in engagement with the aforesaid stationary parts of the latching means.

2,438,128
LUBRICATION ADAPTER
Frank C. Poyner, San Diego, Calif.
Application February 4, 1946, Serial No. 645,423
4 Claims. (Cl. 184—1)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

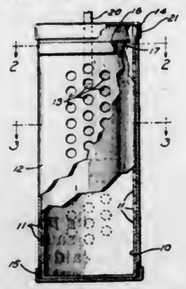


2. An adapter for transmitting a lubricant under pressure, comprising, a cylindrical casing having a smaller bore along one portion than along the remaining portion thereof; a plunger resiliently reciprocably mounted within said casing, the plunger walls engaging the casing walls along the portion of the latter having the smaller bore and being spaced from the casing walls along the portion of larger bore, said plunger having an end portion shaped for cooperable engagement with apparatus supplying said lubricant under pressure, and having an opening extending therethrough from said end portion into the space between said plunger and said casing.

2,438,129
VAPOR DISSEMINATOR
Hyman Richard Rich, Milwaukee, Wis., assignor, by mesne assignments, to The Diversey Corporation, Chicago, Ill., a corporation of Illinois
Application December 13, 1944, Serial No. 567,973
1 Claim. (Cl. 299—24)

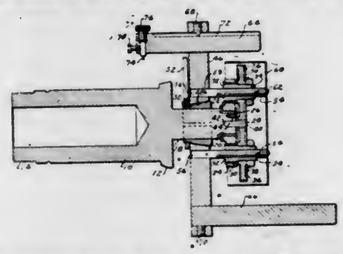
A vapor disseminator comprising: a cylindrical container having perforations in the wall thereof; a cylindrical sealing member encompassing the cylinder side of said container and shiftable thereon, said sealing member having perforations arranged to be brought into registration with said

first mentioned perforations; and means for limiting the shifting of said sealing member in one direction with said perforations in registration



and in the other direction with said perforations out of registration, said means comprising an annular band member at one end of the sealing member and an interfitting projection and notch on said members.

2,438,130
SLIP RING CUTTING MACHINE
Leo T. Schuler, Ruthven, Iowa
Application June 30, 1945, Serial No. 602,623
5 Claims. (Cl. 82—4)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



5. A portable turning tool for refinishing the slip rings on a propeller hub which comprises, an arbor adapted to fit the bore of the propeller hub, a tool guide carried by the arbor and axially aligned therewith, a journal, coaxially supported by said arbor, a sun gear coaxially supported by said arbor, a planetary gear carrier rotatable on said journal, axially parallel and axially equidistant internally threaded planetary gear and journal units, said journals having rotative bearing in openings in said carrier and said gears being in toothed engagement with said sun gear, a cutter arm movable axially on said tool guide, feed screws having one end anchored in said cutter arm and the other end threaded and fitted to the internal threads in said planetary gear and journal units, radially adjustable cutting means supported by said cutter arm, and means to rotate said cutter arm.

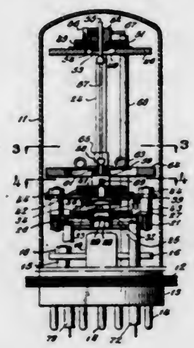
2,438,131
MANUFACTURE OF SUTURES
Theodore R. Selby and Lyman L. Campbell, Chicago, Ill., assignors to Wilson & Company, Inc., a corporation of Delaware
Application August 24, 1945, Serial No. 612,464
7 Claims. (Cl. 57—164)

1. The method of forming a continuous gut string which comprises moistening a split casing, pressing the casing to extrude water laterally therefrom and thereby spread the normally curling edges of the casing, overlapping make-up gut a small distance at the end of the first mentioned casing while both are in a flat ribbon form,



curling the composite ribbon into a longitudinal spiral, pressing the spiral into a narrower tape than the original ribbon, curling the tape, forming it into a substantially cylindrical body, and twisting the cylindrical body while still plastic from moisture.

2,438,132
ELECTRON DISCHARGE APPARATUS
Donald L. Snow, Hempstead, N. Y., assignor to The Sperry Corporation, a corporation of Delaware
Application November 29, 1943, Serial No. 512,221
19 Claims. (Cl. 250—27.5)

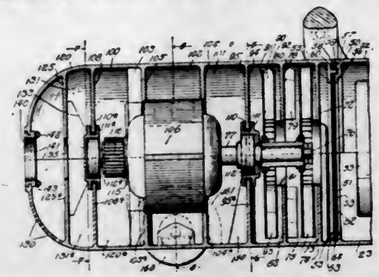


1. High frequency apparatus comprising a hollow resonator having a movable portion for varying the frequency of said resonator, and means for controllably moving said portion comprising an expansible and contractible substantially non-rigid frequency control member coupled to said movable portion, and means for maintaining said member under tension comprising resilient lever means coupled thereto.

2,438,133
SPLIT CYLINDRICAL HOUSING FOR SUCTION CLEANERS
Charles H. Sparklin, Chicago, Ill., assignor to Birtman Electric Company, a corporation of Illinois
Application August 10, 1944, Serial No. 548,920
6 Claims. (Cl. 183—37)

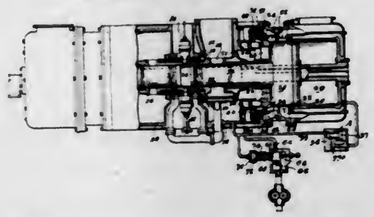
1. A suction cleaner comprising a cast housing including a suction chamber, a motor chamber with a motor mounting therein, a fan chamber, and a dust collecting chamber having a mounting for a dust collecting means, said housing being split centrally and horizontally into upper and lower housing members provided with a plurality of integrally cast transverse partition walls, at least a pair of which define a fan chamber and

are adapted for mounting centrally therein a plurality of enclosed fans, at least one of which



rotates and moves air in direct contact with the housing walls.

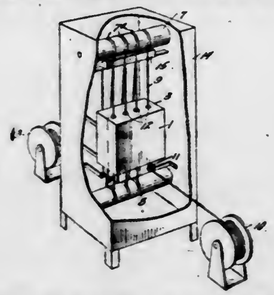
2,438,134
FREE PISTON ENGINE
Hans George Spier, Hamilton, Ohio, assignor, by mesne assignments, to Lima-Hamilton Corporation, New York, N. Y., a corporation of Virginia
Application April 17, 1946, Serial No. 662,883
12 Claims. (Cl. 123—46)



7. In an internal combustion engine of the free piston type, a power cylinder, a compressor cylinder, connected pistons in each of said cylinders, a scavenging air receiver taking the discharge from said compressor cylinder and supplying said power cylinder, a movable end wall defining one end of said compressor cylinder, one side of said end wall being exposed to the pressure in said scavenging air receiver and urged thereby in a direction tending to reduce the volume of said compressor cylinder, means to bias said one end wall in a direction tending to increase the volume of said compressor cylinder, and hydraulic dashpot means tending to lock said end wall in the position of greatest volume reduction and operative to permit a volume increase only in response to a sustained reduction in pressure in said scavenging air receiver.

2,438,135
METHOD OF HANDLING COATED ARTICLES DURING DRYING
Milton D. Swartz, Baltimore, and Kinloch N. Yellott, Cockeysville, Md., assignors to Farboil Paint Company, Inc., Baltimore, Md., a corporation of Maryland
Application March 26, 1942, Serial No. 436,344
2 Claims. (Cl. 117—103)

2. The method of treating an electrical conductor carrying a newly applied coating composition having a volatile solvent component as the electrical conductor passes in a coating and drying apparatus from application means to and around rotary guide means provided with a contact surface, comprising passing the electrical conductor through the apparatus at such a linear speed that the volatile component of the coating composition is incompletely evaporated and the coating is incompletely dried during the time the electrical conductor passes from the application means to and around the rotary guide means,

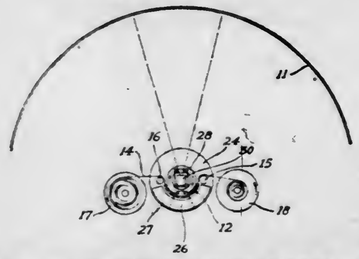


and inhibiting any substantial disfigurement of the undried coating by maintaining a wool grease base on the guide means, said wool grease base being incapable when admixed with the coating composition of affecting the drying rate of the coating and of destroying the predetermined desirable properties of the coating composition during the time the electrical conductor is coated and dried.

2,438,136
METHOD OF PRODUCING CITRIC ACID
Joseph Szucs, Yonkers, N. Y.
No Drawing. Application April 16, 1946, Serial No. 662,610
9 Claims. (Cl. 195—36)

1. A method of producing citric acid by submerged fermentation, comprising subjecting a sugar material to the action of *Aspergillus niger* in an agitated, aqueous solution containing nutrient mineral substances and milk, and passing an oxygen-containing gas through said solution.

2,438,137
APPARATUS FOR PROJECTING MOTION PICTURES
Fred Waller, Huntington, N. Y., and Willis Robert Dresser, Long Hill, Conn., assignors to The Vitarama Corporation, Huntington Station, N. Y., a corporation of New York
Application December 21, 1943, Serial No. 515,112
7 Claims. (Cl. 88—18)



1. Motion picture projecting apparatus comprising in combination, a curved concave screen, a curved cylindrical gate having an aperture therein extending through an arc of less than

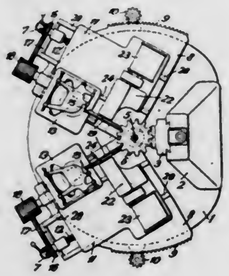
360°, means for holding a frame of a motion picture film stationary in said curved gate, means for scanning said stationary frame with a rotating beam of light passing through a rotating lens to project an image in successive increments progressively across said screen, said scanning means including means for rotating said beam of light and said lens about a common center through an arc of 360°, and means for feeding said film when said rotating beam is directed away from said gate aperture, said gate aperture being disposed on the side of said center opposite said screen, and said beam of light being directed through said film and lens from a device which rotates about said center.

2,438,138

MACHINE FOR GRINDING TOOTH FLANKS BY MEANS OF PROFILE GENERATING DISCS

Albert Aeppli, Zurich, Switzerland, assignor to Maag-Zahnräder und -Maschinen Aktiengesellschaft, Zurich, Switzerland

Application November 12, 1943, Serial No. 510,029
In Germany June 18, 1942
1 Claim. (Cl. 51—92)



In a machine for grinding tooth flanks by means of profile generating discs, means for holding in working position a workpiece to be formed with gear teeth, said work-holding means having an axis of rotation corresponding with the axis of the workpiece, means for moving the work holder axially to gradually bring the whole face width of the workpiece into contact with the grinding disc, two grinding discs having a profiled grinding edge each cooperating at the same time with a different tooth flank of said workpiece, said flanks facing in relatively opposite circumferential directions of the work, a mounting support arranged in the machine for each of said grinding discs, and means associated with both of said mounting supports for pivotally adjusting the respective mounting supports about the axis of rotation of the workpiece through an angle corresponding to the pitch of at least one tooth.

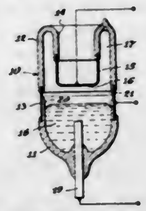
2,438,139

MERCURY POOL ELECTRONIC DEVICE

Edward G. F. Arnott, Upper Montclair, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania

Application October 26, 1946, Serial No. 705,896
7 Claims. (Cl. 250—27.5)

1. In a discharge device having an envelope, a pool cathode and an anode spaced therefrom and with a discharge region between the cathode and anode, an annular ignitor constituting a sustaining part of said envelope and coaxial with the cathode and anode, said ignitor having a conductive portion and an internal dielectric coating thereon and sustained thereby and in



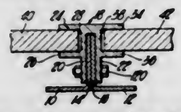
part engaged by said pool cathode and in part exposed to said discharge region and said pool cathode being maintained out of contact with said conductive portion of the ignitor by said dielectric coating.

2,438,140

COMBINATION PLASTIC AND METAL BUILDING CONSTRUCTION

Claude I. Auten, Birmingham, Ala., assignor to Tennessee Coal, Iron and Railroad Company, Birmingham, Ala., a corporation of Alabama

Application May 24, 1943, Serial No. 488,248
4 Claims. (Cl. 189—34)



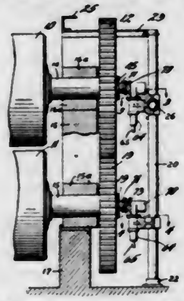
1. In a building including panels extending in substantially the same plane and an elongated metallic supporting member of T-shaped cross-section at the juncture of a pair of panels, means for joining said panels to said supporting member comprising a preformed unitary plastic structural member having a longitudinal groove receiving the leg of said metallic supporting member, a portion of said plastic member lying between the edge faces of said panels, and flanges on opposite faces of said plastic member engaged with said panels.

2,438,141

STEAM JOINT SUPPORTING STRUCTURE

Samuel M. Bratton, Wilmington, Del., assignor to The Pusey & Jones Corporation, Wilmington, Del., a corporation of Delaware

Application July 9, 1945, Serial No. 603,797
11 Claims. (Cl. 34—119)



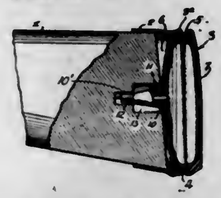
7. The combination with a plurality of steam heated drying rolls in a paper mill, of means for supporting a corresponding number of joint assemblies for delivering steam to and removing condensate from the rolls, said means comprising a series of vertical frame members and a series of horizontal frame members, one series for the upper rolls and the other for the lower rolls, a plurality of manifolds carried by the horizontal supports in vertical alignment with and at a lower level than the associated roll axes, a plurality of manifolds carried by and offset laterally from the vertical supports and aligned with and positioned at a lower level than the other roll axes, steam and water lines independent of said frame members permanently connected to said manifolds, and a joint assembly removably supported upon each manifold and establishing communication between said steam and water lines and the rolls.

2,438,142

AIR CUSHION PAD FOR GUNSTOCKS

William H. Brower, Clark, S. Dak., assignor of one-half to Watson C. Brower, Clark, S. Dak.

Application February 22, 1945, Serial No. 579,297
1 Claim. (Cl. 42—74)



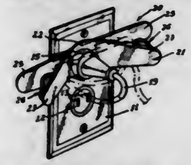
A pad for the butt of a gun-stock comprising an air cushion having a front wall for contacting the gun-stock and a rear wall, a curved peripheral wall joining said other two walls, said curved wall being circumferentially indented, and a resilient boot having an open end adapted to snugly fit over the gun-stock, the other end of the boot being securely and permanently connected throughout its periphery to the curved wall of the pad in the indentation thereof.

2,438,143

CORD SUPPORT

Frank E. Brown, Burbank, Calif., assignor to Frederick M. Turnbull, Los Angeles, Calif.

Application September 10, 1945, Serial No. 615,286
2 Claims. (Cl. 173—361)



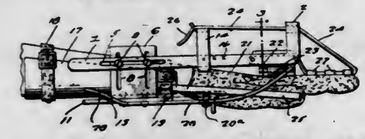
1. In a support for an electric cord having a cap for releasable connection to a socket, the combination of: a plane section adapted for reception between the cap and socket while the cap and socket are electrically connected; arms extending outwardly from said plane section; and auxiliary arms projecting from said plane section and in the plane of said plane section and behind said arms, said arms and said auxiliary arms being so spatially related as to retain coils of the electric cord therebetween during connection of the cap to and its disconnection from the socket, said plane section being formed of a dielectric material sufficiently resilient as to loosen the cap from the socket by its deformation responsive to manual force urging said arms together.

2,438,144

SURGICAL BRACE

Benn A. Bunyar, Jr., Kansas City, Mo.

Application July 6, 1945, Serial No. 603,444
3 Claims. (Cl. 272—67)



1. A surgical brace for treatment of the flexor and extensor muscles of the digits of the hand comprising rigid, longitudinally-disposed, parallel side bars provided at their forward extremities with transverse, upturned portions adapted to serve as a suspension bridge to maintain the retractile elements for the finger digits in separate relation, a curvilinear plate adjustably mounted between said side bars and adapted to retain the fore-arm, wrist and hand in proper position, a hand rest connected with said fore-arm plate, retractile elements for the fingers adapted to be suspended on said transverse member of the frame and removably attached to the fingers, the rear ends of said retractile elements being attached to the frame, a retractile element attached at one end to the curvilinear plate and removably attachable at the other end to the thumb, an arched member mounted on said frame and provided with means for attachment of the forward ends of the retractile elements for the fingers, means for regulating the tension on same comprising a plurality of vertical, rectangular slots in the upper edges of the said bars of the frame, rectangular pins projecting from the inner vertical surfaces of said arched member and adapted to seat in oppositely-disposed vertical slots in said bars, and means for adjusting the fore-arm plate in relation to the side bars of the frame.

2,438,145

METHOD OF MAKING MANIFOLDS FOR ENGINES

Harold Caminez, Williamsport, Pa., assignor to Avco Manufacturing Corporation, a corporation of Delaware

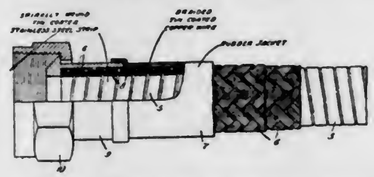
Application November 27, 1942, Serial No. 467,105
1 Claim. (Cl. 29—157)



That improvement in fabricating a manifold for an internal combustion engine with an expansion joint for connecting a pair of pipe-sections endwise of each other for the flow of fluid therethrough and provided with out-turned flanges at, and straight cylinder portions adjacent their ends which comprises, assembling an elastic ring in overlapping relation with the end-portions of both sections, the ring in its normal shape having an annular groove in its bore into which the flanges extend when the ring is placed around the sections, assembling around the ring a substan-

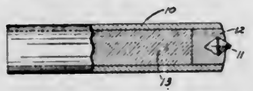
tially straight cylindrical sleeve of sufficient length to lap the ring and both of the sections, forcing the flanged ends of the sections together and swaging the ring to straight cylindrical form of reduced diameter while the ring and the sections are confined in the sleeve and the flanges are in said groove, and thereby compressing and elongating the ring between the sleeve and the straight portions of the sections into a fluid-tight fit around sufficient areas of the sections and spreading apart the flanges for flexibly connecting the sections for the flow of fluid therethrough, the groove in the ring preventing excessive compression of the elastic material in the ring between the flanges and the sleeve.

2,438,146
FLEXIBLE METAL HOSE
Ellsworth T. Candee and Alton R. Anderson, Waterbury, Conn., assignors to The American Brass Company, a corporation of Connecticut
Application June 7, 1945, Serial No. 598,090
3 Claims. (Cl. 174—68)



1. A flexible metal hose of the strip-wound interlocked type, suitable for shielding conduit, characterized in that the metal strip of which the hose is made is coated with a metal that reduces the electrical contact resistance between contacting surfaces of the strip and the surface of the metal coating is lightly roughened.

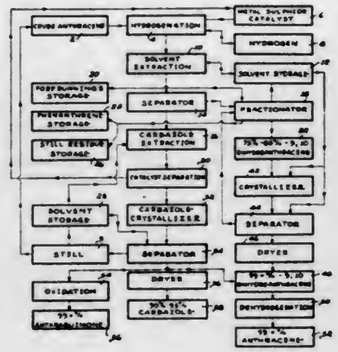
2,438,147
DIAMOND TOOL DRESSER
Donald Wood Carter, Cleveland Heights, Ohio
Application October 18, 1945, Serial No. 623,004
8 Claims. (Cl. 125—39)



1. A tool dresser comprising a steel tube formed with a relatively thin wall, a diamond mounting material in an end thereof disposed in intimate engagement with the inner surface of the tube, a diamond in said mounting material and a core formed of a material having high thermal conductivity disposed throughout the remaining length of said tube and engaged in intimate contact with the mounting material and inner surface of the tube.

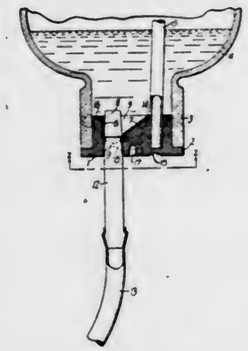
2,438,148
CRUDE ANTHRACENE SEPARATION
Ben Bennett Corson and Robert Sherman Detrick, Pittsburgh, Pa., assignors to Koppers Company, Inc., Pittsburgh, Pa., a corporation of Delaware
Application February 1, 1945, Serial No. 575,686
9 Claims. (Cl. 260—318)

3. A process for refining anthracene cake containing anthracene, carbazole and phenanthrene comprising: hydrogenating anthracene cake in the presence of a metallic sulfide hydrogenation catalyst at a temperature of 275° to 300° C. and a pressure of 40 to 60 atmospheres for a time period to obtain a maximum conversion of



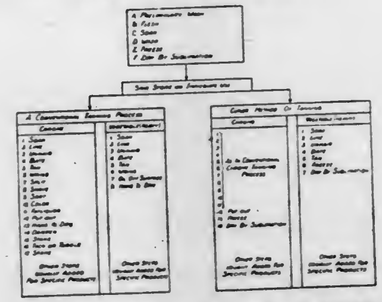
anthracene to 9,10-dihydroanthracene, filtering the catalyst from the hydrogenation products and distilling the hydrogenation products under a comparatively high vacuum pressure to recover a comparatively pure 9,10-dihydroanthracene.

2,438,149
STOPPER
Fred A. Cutter, Berkeley, and William F. Butler, Oakland, Calif., assignors to Cutter Laboratories, Berkeley, Calif., a corporation of California
Application December 18, 1945, Serial No. 635,840
2 Claims. (Cl. 215—47)



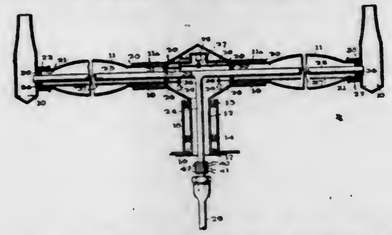
2. A stopper for use in conjunction with a flask for making intravenous injections, the inner end of said stopper being formed with an outwardly diverging recess arranged to receive and accommodate the inner end of a connecting nipple, and which serves as a sump immediately adjacent the inner end of said nipple for the reception of solid matter when the stopper is in an inverted position, the outer end of said stopper being formed with a transversely elongated and downwardly converging hypodermic needle entrance channel overlying said recess, and wherein the depth of said stopper varies along said channel.

2,438,150
SOAKING, FREEZING, AND DRYING BY SUBLIMATION OF UNTANNED HIDES
Wallace M. Cutler, Gloucester, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application April 22, 1944, Serial No. 532,270
5 Claims. (Cl. 8—94.15)



1. A method of treating a fresh untanned hide which comprises soaking the hide in water to appreciably increase its weight, freezing the hide, and contacting the frozen hide with a water-absorbing medium while said hide is maintained under subfreezing conditions to dry the hide by sublimation.

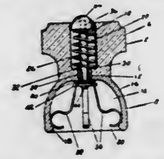
2,438,151
AIRCRAFT PROPULSION MECHANISM
Ralph B. Davis, Prestonsburg, Ky.
Application November 2, 1944, Serial No. 561,590
2 Claims. (Cl. 170—135.6)



1. In a propeller mechanism for airplanes, a propeller shaft, a plurality of propeller blades rotatable on said shaft for propelling the plane forwardly at relatively low speeds, jet reaction motive force units at the distal ends of said blades, means for adjusting said units relatively to said blades to render said units effective either in the plane of rotation of said blades on the shaft to revolve said blades or in a plane transverse of said plane of rotation to propel the airplane forwardly at relatively higher speeds, and means for altering the pitch of the propeller blades to render them ineffective when the airplane is propelled by the influence of said jet reaction units.

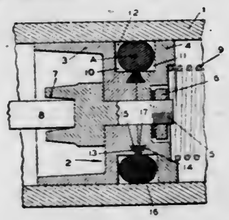
2,438,152
STEEL WOOL HOLDER
Albert A. De Semple, Portland, Oreg.
Application July 9, 1946, Serial No. 682,169
1 Claim. (Cl. 15—209)

A device for holding steel wool or the like, comprising a main body portion having a central bore enlarged at its upper end to form a shoulder and opening out at its lower end to form a downwardly open recess for the reception of a portion of a wad of steel wool, the rim of said recess being inwardly extended to form an annular lip, an operating rod vertically reciprocable in said bore with its lower end extending into said recess, stop means carried by said lower end of the rod for preventing said end from moving upwards out of the recess, a push button fastened on the upper end of said rod, a spring disposed in said upper enlarged bore coaxial with said rod and acting resiliently between the shoulder of said enlarged bore and said push button for biasing said rod upwards,



and a plurality of spring fingers in said recess and secured at their upper ends to said lower end of the rod and having their lower ends biased radially outwardly against the annular lip of said recess, said lower ends of the spring fingers being formed in the shape of inturned claws for engaging a portion of a wad of steel wool whereby, upon depression of said push button said spring fingers are moved downwardly so that their lower hooked ends expand upon leaving said recess, and upon upward motion of said push button said lower claw ends of the spring fingers grasp a portion of a wad of steel wool to draw it upwards into said recess and engage said annular lip.

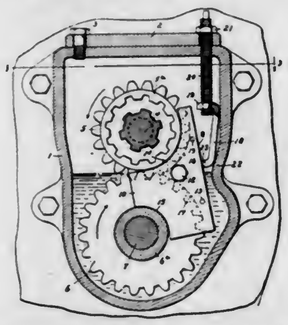
2,438,153
PISTON AND SEAL
Burns Dick, Ferguson, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a corporation of Delaware
Application January 7, 1944, Serial No. 517,358
3 Claims. (Cl. 309—23)



1. In apparatus of the class described, a cylinder member, a piston mounted therein comprising two members with the adjacent members provided with a first annular groove in their surface and a second annular groove at the bottom of the first groove, a sealing ring positioned in the first groove and having a generally circular cross-section for engagement with the cylindrical surface of the other member, said ring having a flattened section over a part of the periphery to engage with the curved surface of the other member, said sealing member also being provided with an extending portion on its surface opposite the curved surface for reception in the second groove, said extending portion of the ring and the second groove being so associated as to prevent the ring from becoming

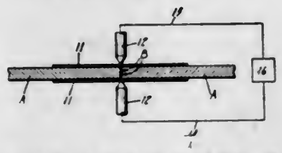
twisted when there is relative movement between the piston and cylinder members, and means for clamping said extending portion between said adjacent members.

2,438,154
HILL-HOLDING BRAKE DEVICE
Lonnie A. Dickens, High Point, N. C.
Application May 13, 1946, Serial No. 669,356
2 Claims. (Cl. 192—4)



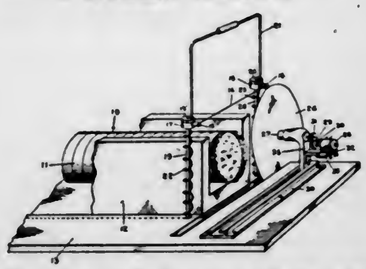
1. In transmission mechanism wherein is provided a housing containing a lubricant, a driving shaft having a driving gear located within said housing, a countershaft having a countergear meshing with said driving gear and in part at least immersed in said lubricant and a brake body located at one side of and in cooperative association with said gears and defining curved channels through which the respective gear teeth respectively pass, the improvement which comprises an inward projection of said housing defining with said brake body a tapered space, a brake lock longitudinally movable in said tapered space in engagement with said inward projection and said brake body, and means operable from the outside of said housing for moving said brake lock in said space to move said brake body toward said gear or release said body accordingly as said brake lock is moved in one direction or the other.

2,438,155
PROCESS OF WELDING METAL BODIES BY HIGH-FREQUENCY ELECTRIC HEATING OF DIELECTRIC MATERIAL THEREBETWEEN
Isaac M. Diller, Glen Ridge, N. J.
Application August 4, 1945, Serial No. 608,905
5 Claims. (Cl. 219—10)



1. The process of electric welding the edges of metal bodies which comprises juxtaposing the edges to be welded and establishing between the edges a zone having the qualities of a highly imperfect dielectric and passing through said zone an electric current having a frequency of the order of at least one megacycle per second, thereby heating the material in the zone by dielectric losses therein to fuse the edges into a weld.

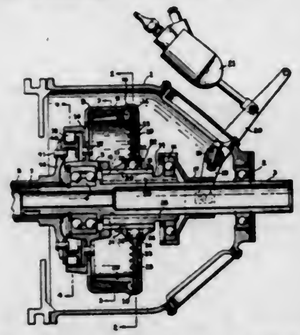
2,438,156
PILE MATERIALS AND PRODUCTION THEREOF
Frederick G. Dodge, La Vale, Md., assignor to Celanese Corporation of America, a corporation of Delaware
Application June 5, 1943, Serial No. 489,866
13 Claims. (Cl. 18—1)



1. Process for the production of pile materials, which comprises associating a thermoplastic material in filamentary form in substantially parallel relationship to form a bundle, causing said filamentary thermoplastic materials to become fused to each other at points along the length of said bundle so as to cause said filamentary thermoplastic material to form at the area of fusion a substantially unitary structure consisting of said thermoplastic material, and then cutting said bundle at a point intermediate said fused portions without fusing said thermoplastic materials.

8. In apparatus for the production of pile materials having a basis of thermoplastic filaments, the combination with means for holding a plurality of thermoplastic filaments in substantially parallel relationship, of a wire maintained at an elevated temperature and adapted to be brought in contact with said filaments, whereby the latter are simultaneously fused and severed at the point of contact with said wire, and cutting means spaced from the fusing means for severing said filaments at a point intermediate said fused portions without fusing said filaments.

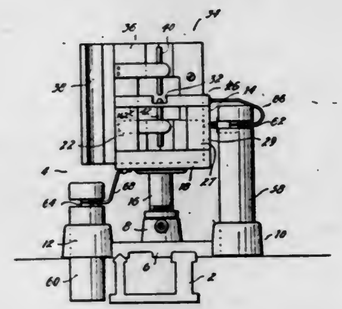
2,438,157
CLUTCH MECHANISM
Joseph J. Dugas, New Orleans, La., assignor to Higgins Industries, Inc., New Orleans, La., a corporation of Louisiana
Application October 9, 1945, Serial No. 621,245
3 Claims. (Cl. 192—53)



1. Power transmission device comprising axially aligned shafts, a drum clutch member fixedly

associated with one shaft, said drum clutch formed with a hub having circumferentially arranged spline teeth, the drum portion having an inwardly open peripheral groove, a sleeve splined for axial movement only on the other shaft, said sleeve formed with outwardly directed spline teeth arranged to engage the spline teeth of the drum clutch hub, said outwardly directed spline teeth formed with a dwell groove, a second drum clutch having a hub formed with inwardly directed spline teeth adapted to slide axially on the sleeve member, and locking members carried by the second drum clutch having parts arranged to selectively engage the dwell groove in the sleeve member or the peripheral groove of the first-mentioned drum clutch.

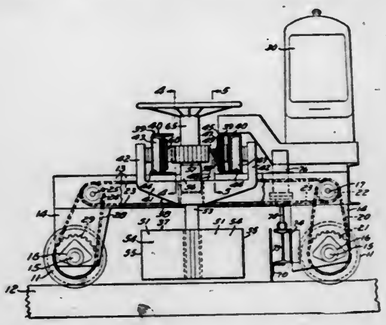
2,438,158
SPECTROGRAPHIC PIN STAND
Edward J. Dunn, West Mifflin, Pa., assignor to Carnegie-Illinois Steel Corporation, a corporation of New Jersey
Application February 12, 1947, Serial No. 727,988
10 Claims. (Cl. 315—76)



1. A spectrographic pin stand comprising a holder adapted to be mounted on an optical bench, said holder comprising a vertical frame having a vertical guideway extending substantially therethrough, the frame being made up of a lower horizontal electrically conducting member, an upper horizontal electrically conducting member parallel thereto, and laterally and longitudinally spaced vertical electrically insulating members connecting the upper and lower conducting members, the lateral spacing of the vertical members being sufficient to form the aforementioned guideway, an electrode carrying slide adapted to be snugly received in the guideway of the frame, means on the slide to mount an electrode in position for excitation and means on the slide comprising a resiliently mounted contact making electrical connection between one of the electrically conducting members of the frame and the mounting means for the electrode.

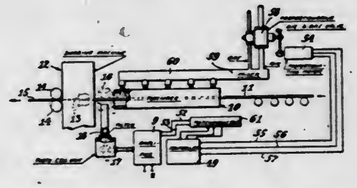
2,438,159
CONCRETE SPREADER
John P. Faber, Dunellen, N. J., assignor to Ransome Machinery Company, Dunellen, N. J., a corporation of New Jersey
Application September 28, 1944, Serial No. 556,128
20 Claims. (Cl. 94—45)

14. In apparatus for spreading concrete deposited upon a road bed, a main frame traversable longitudinally along said bed, said frame having a transverse trackway; a wheeled carriage mounted on said trackway; power operated means for reciprocating said carriage upon the trackway; a spreading blade mounted by the



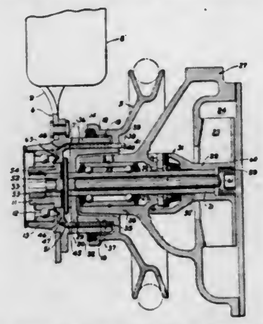
carriage for movement relative thereto about a vertical axis; and mechanism for so moving the blade throughout traverse of the carriage on the trackway.

2,438,160
CONTROL OF SWAGING TEMPERATURES
James H. Green, West Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 19, 1944, Serial No. 519,240
6 Claims. (Cl. 236—15)



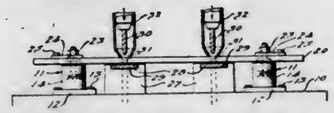
1. In combination, a furnace for heating metal, means for supplying heat to said furnace, controlling means for said heat supplying means, a photoelectric cell receiving radiations from said metal as it issues from said furnace, means filtering the visible portion of said radiations so that substantially nothing but the infra-red portion reaches the photoelectric cell, means connecting said cell to said controlling means through an amplifying circuit for maintaining constant the temperature of said furnace and issuing metal, a pair of tubes in said circuit, each tube containing a thermionic cathode, a grid, and a plate, means electrically connecting said tubes in balanced relation, including a direct connection between the cathodes and a connection between the grids through a resistance, a source of biasing potential impressed between the midpoint of said resistance and said cathode connection, means connecting said plates to said controlling means and also through a variable resistance, said photoelectric cell being connected to the grid of one tube and to an intermediate point on the variable plate resistance, and a voltage-regulating diode with bleeder and series resistances forming a closely-regulated source of potential impressed between said direct cathode connection and the connection from the cell to said intermediate plate-resistance point.

2,438,161
TEMPERATURE CONTROL FOR ENGINES
Harry R. Greenlee, Indianapolis, Ind., assignor to The Studebaker Corporation, South Bend, Ind., a corporation of Delaware
Application June 22, 1945, Serial No. 600,855
14 Claims. (Cl. 123—178)



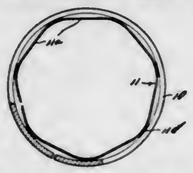
8. In an internal combustion engine having a fluid circulatory cooling system and a pump chamber therefor, the combination of driving means, a pump adapted to be disposed in said pump chamber and drivingly connected to said driving means, driven means, a fan for directing a cooling medium for cooling the fluid in said circulatory system and drivingly connected with said driven means, said driving and driven means comprising coaxially extending cylindrical surfaces arranged in spaced apart and overlapping relation, a coil spring arranged between the cylindrical surfaces of said driving and driven means and fixed at one of its ends to one of said means, a clutch plate at the other end of said coil spring and having a clutch surface, said driven means having a clutch surface adapted to be engaged by the clutch surface of said clutch plate, and a temperature responsive means comprising a rod extending coaxially of said driving and driven means, an expansible bellows at one end of said rod and adapted to be disposed in said pump chamber, a pin extending transversely of said rod adjacent its other end, said flexible bellows being expansible upon a predetermined temperature of the fluid in said pump chamber for shifting said rod axially outwardly thereof to engage the pin at the other end of the latter with said clutch plate to cause the friction surface thereof to engage the friction surface of said driven means whereby said coil spring is caused to be expanded radially to engage the cylindrical surface of said driven means to clutch said driving and driven means together for conjoint rotation.

2,438,162
JIG OR FIXTURE
James F. Guest, Royal Oak, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application March 20, 1943, Serial No. 479,854
14 Claims. (Cl. 77—62)



1. A jig or fixture comprising a gage plate, work supporting means, a plurality of vertically movable plungers, springs associated with said plungers to urge them into predetermined extended positions, said plungers having tapered ends cooperable with tapered portions of said plate to locate and support the same independently of said supporting means, and means for drawing down said plate to clamp a workpiece on said supporting means while depressing said plungers against the action of the springs.

2,438,163
INNER PISTON RING
Otto W. Haling, Rochester, Minn.
Application January 19, 1944, Serial No. 518,853
10 Claims. (Cl. 309—43)



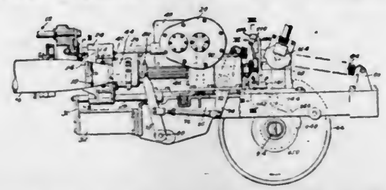
1. An inner ring for a piston ring adapted to be disposed in the ring groove of a piston with said piston ring comprising a substantially polygonal resilient strip having a number of portions adapted to extend about the inner wall of said piston ring in spaced relation thereto, and portions adapted to lie adjacent said wall between said first mentioned portion, and a thin plate secured to said inner ring at said last mentioned portions, said plate having a width substantially the same as the width of said inner ring and being adapted to engage said wall throughout the circumferential extent of said plate to take the wear caused by flexing of said inner ring whereby the resiliency of said inner ring will not be reduced in operation.

2,438,164
PROCESS FOR THE PRODUCTION OF METHACRYLIC ACID
George A. Harrington and Everett Gorin, Dallas, Tex., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
No Drawing. Application March 28, 1946, Serial No. 657,900
13 Claims. (Cl. 260—526)

13. A process for the production of methacrylic acid which comprises contacting a vaporous reactant mixture of chloretone and constant boiling aqueous hydrochloric acid with a compound selected from the class consisting of the phosphates and acid phosphates of the heavy metals of subgroups 1, 2, 3, and 4 of the periodic table of the elements and carrier supported phosphoric acid as the catalytic agent at a temperature of from about 200° C. to about 400° C. in a reaction zone to form methacrylic acid and hydrogen chloride and recovering the methacrylic acid so formed from the product mixture.

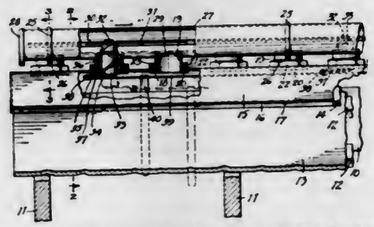
2,438,165
FUSE SETTING MECHANISM
Otto R. Haas, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application January 31, 1945, Serial No. 575,514
10 Claims. (Cl. 89—6)

1. Fuse-setting mechanism comprising a set of knives engageable with a round to hold it against rotation and a second set of knives engageable with the fuse ring of a round, means for causing the application of equal pressures by said two sets of knives on the round, and means for



moving said second set of knives relatively to the first set to effect a fuse-setting operation.

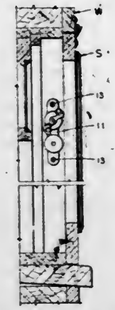
2,438,166
ROOF VENTILATOR
Harold B. Hawes, Fairfield, Conn.
Application December 4, 1944, Serial No. 566,548
6 Claims. (Cl. 98—42)



1. A ventilator, comprising a base adapted to be mounted over an elongated opening and having a series of longitudinally spaced upwardly extending tubular pipe members carried by said base and providing a series of longitudinally spaced vertical air-flow passages, the outer surfaces of said pipe members being spaced apart to provide spaces between said pipe members constituting a series of longitudinally spaced transverse air-flow passages across said base, and a longitudinally extending cap member disposed in spaced relation above and extending between the upper ends of said pipe members and extending downwardly at each side thereof, its lower edges being transversely spaced to provide a continuous open under side in air communication with said transverse air-flow spaces and being substantially below the plane of the upper ends of said pipe members and in spaced parallel relation above said base to define with said base at each side of the ventilator longitudinal air-flow entrance spaces to said transverse air-flow passages, and support means fixing the position of said cap member with respect said pipe members.

2,438,167
BURGLAR ALARM
Edward C. Heard, Los Angeles, Calif.
Application June 25, 1946, Serial No. 679,229
2 Claims. (Cl. 116—91)

1. In combination, a movable closure for a framed opening in a building, and a noise-making alarm device, said alarm device comprising a base member adapted to be attached to the framed opening adjacent said movable closure, a pivot mounted on said base, a spiral spring attached at one end to said pivot and to the other end to an enclosing casing, a casing adapted to enclose said spring and rotate on said pivot, a striker arm attached to said casing arranged to be held against rotation by contact with said closure, strikers pivotally mounted on the said arm and adapted to permit said arm to continue rotation after one of said strikers strikes a bell, and a bell attached to said base in position to be



struck by said strikers, said striker arm being freed for rotation by said rotary means when said closure is moved from its striker arm holding position.

2,438,168
STABILIZATION OF SHELL EGGS
Walter R. Hearst and Gabrielle M. Hearst, San Francisco, Calif.
No Drawing. Application September 25, 1944, Serial No. 555,754
4 Claims. (Cl. 99—170)

1. In the preservation of eggs in the shell the process which comprises preparing an oil-in-water emulsion from a plurality of waxes of different melting points applying said emulsion as a coating to said eggs and irradiating said waxes with ultra-violet rays prior to the coating operation.

2,438,169
MANUFACTURE OF DETERGENTS
Lester Francis Hoyt, East Aurora, N. Y., assignor to Allied Chemical & Dye Corporation, New York, N. Y., a corporation of New York
No Drawing. Application July 12, 1945, Serial No. 604,731
17 Claims. (Cl. 252—121)

1. In the manufacture of a milled soap from a mixture comprising water and at least the following components: (1) a soap which forms solid masses under normal atmospheric conditions and which is selected from the group consisting of the alkali metal, ammonium, and organic amine salts of higher fatty acids containing 10 to 20 carbon atoms, and (2) a higher petryl sulfonate, the improvement which comprises incorporating (3) starch into a mixture of said type containing an amount of (4) inorganic salt ranging from 0% to 25% of the weight of the mixture, milling and plodding the resulting mixture; and controlling the workability of the mixture in the milling and plodding operations by proportioning the amounts of components (1), (2), and (3) so that their relative weights, on the basis of a total weight of 100 parts of components (1), (2), (3), and (4), lie within the following ranges:

Component:	Parts
Soap	15 to (85–X), where X equals the weight of inorganic salt
Higher petryl sulfonate	at least 6
Starch	5 to 40

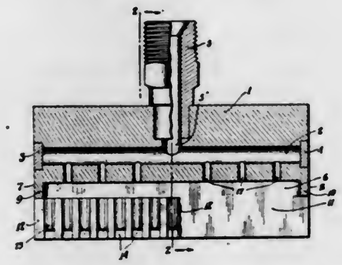
and limiting the amount of water in said mixture to 6 to 15 parts per 100 parts of the total weight of components (1), (2), (3), and (4).

9. A milled soap composition comprising as its essential components: (1) a soap which forms solid masses under normal atmospheric conditions and which is selected from the group consisting of the alkali metal, ammonium, and organic amine salts of higher fatty acids containing 10 to 20 carbon atoms, (2) a higher petryl sulfonate, and (3) starch, together with (4) inorganic salt in an amount ranging from 0% to 20% of the total weight of said four components, the proportions by weight of said components (1), (2), and (3), on the basis of a total weight of 100 parts of said four components, lying within the following ranges:

Component	Parts
Soap	15 to (85–X), where X equals the weight of inorganic salt
Higher petryl sulfonate	at least 6
Starch	5 to 40

said composition containing not more than 15 parts of water per 100 parts of the total weight of said four components.

2,438,170
GAS HEATING TORCH
Howard G. Hughey, Fanwood, N. J., assignor to Air Reduction Company, Incorporated, a corporation of New York
Application December 7, 1944, Serial No. 567,061
3 Claims. (Cl. 158—27.4)



1. A gas torch having a tip comprising an elongated block, a longitudinal channel in the block of less length than the block, a second channel in the block below the first channel and extending into the block from the discharge face thereof, said second channel extending the entire length of the block, an insert completely occupying the second channel, the upper wall of said insert forming with said first channel a gas distributing chamber, said insert having a row of slots in a side face, said slots extending in a direction substantially at right angles to the discharge face of the block and being closed at their outer sides by an adjacent side wall of the block to form a longitudinal series of jet passages, all of said passages being in communication with said distributing chamber, and means for supplying gas to said distributing chamber.

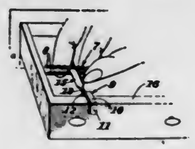
2,438,171
GARMENT PROVIDED WITH SLEEVES
Ralph Jamieson, Edinburgh, Scotland
Application July 25, 1945, Serial No. 606,938
In Great Britain May 10, 1945
3 Claims. (Cl. 2—93)

1. A sleeved garment with high close fitting armholes of conventional formation formed of a body portion with arm holes having gaps on the undersection thereof, the opposite sides of the gaps being straight, and sleeves fitted into said armholes, each of said sleeves having a pair of straight sided angled extensions the sides of which make sharply defined angles with the



sleeve ends, the said extensions, when the sleeves are so fitted, filling the aforesaid gaps and folding at their base to form with the underside of the sleeves definite controlled creases on the bias of the cloth, said creases forming the under section of the high close fitting armholes.

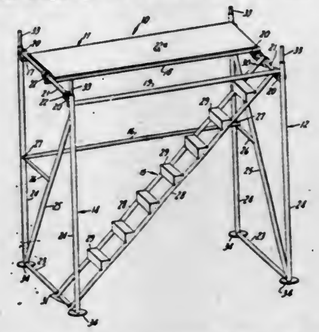
2,438,172
BOBBY PIN OPENER
Alden M. Johnson, Santa Barbara, Calif.
Application March 9, 1945, Serial No. 581,848
2 Claims. (Cl. 132—1)



1. A bobby pin opener of the character described comprising an attaching member, a screw threaded through said attaching member, and a longitudinal blade integral with the other end of the screw and engageable between the legs of a bobby pin for spreading said legs when said bobby pin is turned about said blade, the blade including longitudinal marginal portions and a free end portion of substantially ovate section to facilitate slipping the bobby pin thereon.

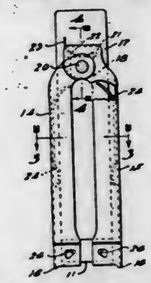
2,438,173
PORTABLE AND COLLAPSIBLE SCAFFOLDING UNIT
Wallace J. S. Johnson and Thomas H. Harvey, Berkeley, Calif.; said Harvey assignor to said Johnson
Application June 24, 1946, Serial No. 678,790
11 Claims. (Cl. 304—2)

1. A scaffold unit comprising a rigid platform section, a rigid supporting section at each end of the platform section, a hinged connection between adjoining ends of the platform and supporting sections, a ladder section hingedly connected at one end to the end of one supporting section at the junction between it and the platform section, and a detachable connection between the other end of the ladder section and the other supporting section at the end of the



latter opposite its connection with the platform section.

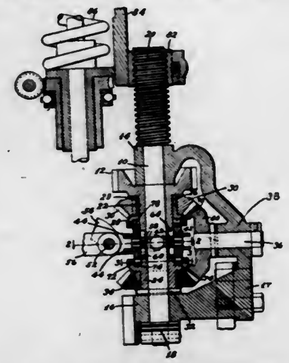
2,438,174
FASTENER APPLYING TOOL
Howard M. Laing, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application February 28, 1944, Serial No. 524,189
5 Claims. (Cl. 29—270)



1. A tool for installing a fastener in materials to be attached together, comprising a pair of gripping members having lower ends adapted to engage the fastener and grip the same therebetween, a slide member interposed between said gripping members, the adjacent edges of said slide member and said gripping members having cooperating guide portions for guiding the slide by said gripping members for sliding movement relative thereto, and a pivotal connection between the upper end of said gripping members extending through the upper end of said slide member, said slide member having means engageable with the fastener intermediate the gripping members and cooperating with the latter to grip the fastener and also slidable relatively thereto for forcing the fastener out of gripped position therebetween.

2,438,175
AXIALLY ENGAGING POSITIVE CLUTCH
John T. Lancaster, Newton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application October 10, 1945, Serial No. 621,523
1 Claim. (Cl. 192—67)

In a rotary clutch, a driving member, a driven member, at least one antifriction roll journaled for idle rotation on one of said members with its axis substantially radial with respect to the axis of rotation of the clutch, a plurality of abutments on the other clutch member, and means for shifting one of said clutch members axially to engage said roll with and disengage it from one of said abutments, each of said abutments having a leading and a trailing face, one of said faces being plane and parallel to and slightly offset from the



axis of the clutch for drive-transmitting engagement with said roll and the other face being sloped away from said drive-transmitting face to provide a maximum of circumferential clearance space between the abutments for easy entry of the roll between the abutments and also to provide for the abutment a maximum of strength consistent with such clearance space.

2,438,176
PRODUCTION OF GASPROOF COMPOUND FABRICS
Louis Amédée Lantz and Arthur Schofield, Manchester, England, assignors to The Calico Printers' Association Limited, Manchester, England, a British company
No Drawing. Original application July 16, 1943, Serial No. 495,077. Divided and this application July 8, 1944, Serial No. 544,144. In Great Britain May 20, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires May 20, 1962
11 Claims. (Cl. 154—140)

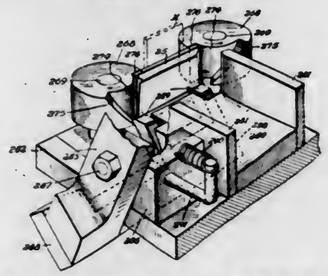
1. A method of producing a composite flexible fabric adapted to resist penetration of liquid and gaseous chemical warfare agents, comprising applying to a plurality of fabric webs an aqueous solution containing a substance selected from the group consisting of polyvinyl alcohol and water-soluble partial polyvinyl alcohols, an acid catalyst, and an aldehyde in a quantity sufficient only to insolubilise the alcohol, combining the webs by means of the interlayers formed from this solution and then heating to form a condensation product in situ which is insoluble both in water and organic solvents.

2,438,177
C - p - AMINOBENZENESULFONAMIDO - SUBSTITUTED THIAZOLINES AND METHOD FOR THEIR PRODUCTION
William A. Lott, East Orange, and Frank H. Bergeim, Highland Park, N. J., assignors to E. R. Squibb & Sons, New York, N. Y., a corporation of New York
No Drawing. Application March 18, 1939, Serial No. 262,729
4 Claims. (Cl. 260—239.6)

1. C-p-amino-benzene-sulfonamido-substituted thiazolines.

4. The method of preparing C-p-amino-benzene-sulfonamido-substituted thiazolines which comprises reacting a p-amino-benzene-sulfonyl halide, the amino group thereof being protected, with a C-amino-substituted thiazoline in a suitable inert solvent.

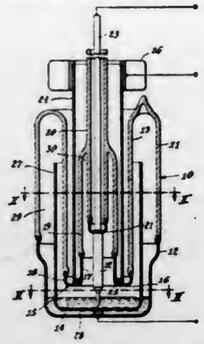
2,438,178
MECHANISM FOR CONVEYING, DISCHARGING, AND ASSORTING WRAPPED ARTICLES
Clarence J. Malhiot, Oak Park, Ill., assignor to F. B. Redington Co., Chicago, Ill., a corporation of Illinois
Original application May 8, 1942, Serial No. 442,205. Divided and this application September 9, 1944, Serial No. 553,450
17 Claims. (Cl. 209—72)



17. Article conveying and discharging mechanism for discharging wrapped articles to discharge position and comprising operable discharge members arranged adjacent opposite sides of the articles to be discharged, each of said discharging members being provided with means for discharging properly wrapped articles to a given position, means adapted to drive said discharging members in timed relation with the delivery of the wrapped articles to the discharge members, and additional means for separately discharging damaged articles, said additional means embodying an operable member for normally supporting articles adjacent a given position and upon which operable member the articles are successively moved to position to be supported thereby, urging means for urging said operable member toward said supporting position, said operable member being shiftable against the stress of the urging means by an advancing article engaging a damaged article that is upon said operable member and forcing the damaged article to shift the operable member to a position to permit discharge of the damaged article away from said given position.

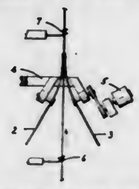
2,438,179
VAPOR FILLED ELECTRONIC DEVICE
Julien J. Mason, Montclair, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 26, 1946, Serial No. 705,883
5 Claims. (Cl. 250—27.5)

1. An electronic device comprising a sealed container having a recurringly vaporizable and condensible liquid cathode therein gravitating to the bottom thereof, an anode within said container above the cathode, and a cup-shaped shield the bottom wall whereof is submerged in the cathode and the side wall whereof projects above the cathode between said anode and the outer side wall of the container, said cup-shaped shield having holes therein below the surface level of the cathode for equalizing level of the said cathode inside and outside of said shield, and means at



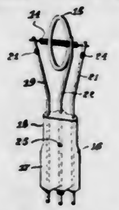
the underside of said bottom wall of the shield constituting the sole support for said shield.

2,438,180
TENSION DEVICE
Henry J. McDermott, Prospect Park, Pa., assignor to American Viscose Corporation, Wilmington, Del., a corporation of Delaware
Application March 16, 1945, Serial No. 583,128
8 Claims. (Cl. 242—150)



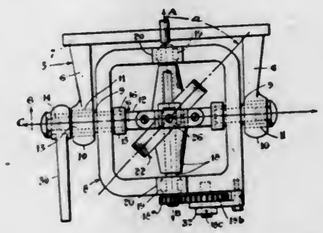
1. A thread tension device comprising two rotatable members mounted on axes of rotation inclined with respect to each other and arranged to press against each other along an outer portion of their opposed faces, at least one of the members being driven on its axis, and at least one of the members being of resiliently flexible character and being flexed out of its normal plane of disposition by pressure against the other member.

2,438,181
FLUORESCENT AND/OR CATHODE GLOW LAMP AND METHOD
Chalmers Morehead, East Orange, and Daniel S. Gustin, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application May 27, 1943, Serial No. 488,654
12 Claims. (Cl. 176—122)



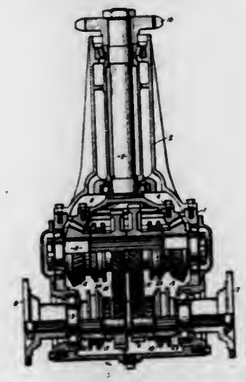
1. A negative-glow lamp of the gaseous conduction type comprising an enclosing translucent envelope, closely spaced electrodes functioning as cathode and anode, and getter material disposed adjacent but beyond the path of the discharge to be produced between said electrodes and between one of said electrodes and the inner surface of said envelope, said material being of such a character as to lower the ionization potential of the envelope filling and make it possible to operate the lamp on low voltage.

2,438,182
MOTION-TRANSMITTING UNIT
Arnold G. Parker, Longueuil, Quebec, Canada
Application July 16, 1945, Serial No. 605,309
6 Claims. (Cl. 74—60)



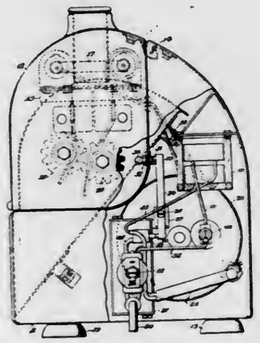
1. A motion-transmitting unit comprising a shaft, means for rotating said shaft about its central longitudinal axis, means for tilting said shaft about a transverse axis, an inclined disk carried by said shaft, a yoke through which said shaft extends, means mounting said yoke for swinging movement about said transverse axis and means interconnecting said yoke and disk so that swinging movement is imparted to the yoke by either rotary or tilting movement of said shaft.

2,438,183
POWER TAKE-OFF
Carl D. Peterson and Elmer J. Barth, Toledo, Ohio; Marion F. Peterson, executrix of said Carl D. Peterson, deceased, assignors to Dana Corporation, Toledo, Ohio, a corporation of Virginia
Application May 17, 1944, Serial No. 535,944
3 Claims. (Cl. 74—11)



1. A power take-off comprising a casing, an input shaft and a countershaft mounted in parallelism in the casing, and an output shaft extending at an angle to the countershaft, gear trains between the input and the countershafts including gears on the input shaft, one for each train, and clutches for selectively connecting and disconnecting said gears to and from the input shaft, gears in said trains respectively on the countershaft, a gear on the output shaft, additional gears mounted on the countershaft and meshing with the gear on the output shaft on opposite sides of the axis of the output shaft, clutches for clutching and unclutching the last gears to and from the gears on the countershaft respectively and selecting and shifting means for the clutches.

2,438,184
FOOD TENDERING MACHINE
Harry C. Pfister, Long Beach, Ind., assignor to U. S. Slicing Machine Company, La Porte, Ind., a corporation of Indiana
Application June 16, 1944, Serial No. 540,669
4 Claims. (Cl. 99—253)

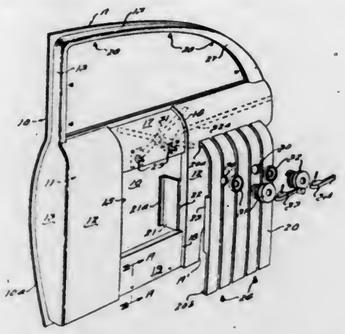


1. In a food tendering machine a movable cover, a drive motor, ultraviolet ray emitting means, switch mechanism operated by the cover and adapted to disconnect the drive motor and the ultraviolet ray emitting means from a source of electrical power when the cover is opened, and hand operated auxiliary mechanism operable when the cover is opened and adapted to reconnect the drive motor to the source of electrical power and to simultaneously disconnect the ultraviolet ray emitting means from the source of electrical power, said auxiliary mechanism including an auxiliary switch in the electrical circuit to the ultraviolet ray emitting means, said switch being mechanically connected with the hand operated mechanism.

2,438,185
DOOR STRUCTURE FOR MOTOR VEHICLES
Alvin W. Prance, Royal Oak, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application August 30, 1944, Serial No. 551,789
15 Claims. (Cl. 296—44)

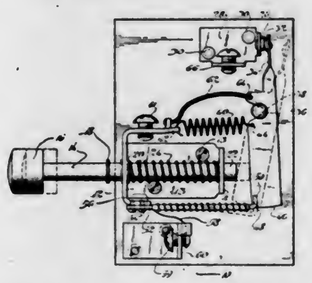
1. A door structure comprising an outer metal panel and an inner non-metallic panel spaced apart and secured together around their marginal edges, the inner panel having an opening be-

tween opposite edges thereof and recessed portions at opposite sides of the opening, and a clo-



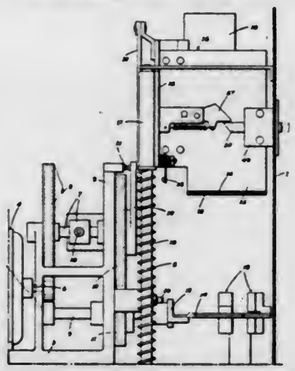
sure panel for said opening having edge flanges fitting into said recessed portions.

2,438,186
TIME-DELAY SWITCH
Ross D. Randall, Chicago, Ill., assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application January 25, 1946, Serial No. 643,329
6 Claims. (Cl. 200—116)



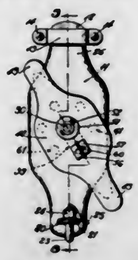
1. A time delay switch of the type including a bimetallic element and a heating element arranged in thermal relation therewith, comprising, in combination, a stationary contact, a movable contact associated therewith, a pivotally mounted blade carrying said movable contact at one end, a latching mechanism, including said bimetallic element, associated with the opposite end of said blade adapted to unlatch said blade when heated, a pivot pin associated with said blade at a point between said stationary contact and said latching mechanism, said pin having a groove therein, said blade having a slot therein adapted to fit said groove, resilient means connected to said blade adapted to rotate said blade around said pivot pin so as to separate said contacts when said blade is unlatched, and manual means adapted when actuated to urge said blade in the opposite direction so as to rotate said blade around said pin to bring said contacts together and thereafter to urge said blade slightly away from said pin and into latching position, said slot in said blade and said groove in said pin cooperating to prevent the tilting of said blade about its transverse axis or rotation of said blade about its longitudinal axis.

2,438,187
FLORIST'S WIRE TWISTING MACHINE
Theron E. Reynolds and Everett Fyffe, Lodi, Calif., assignors, by direct and mesne assignments, to Farmers and Merchants Bank of Lodi, Calif.
Application September 22, 1945, Serial No. 617,986
20 Claims. (Cl. 140—93)



1. A twisting machine for a florist's wire having a pair of divergent legs one of which is adapted to be held against rotation and to have a flower stem disposed therealong, said machine comprising a support, a rotary holder, means rotatably mounting the holder on the support, means on the holder to releasably secure a florist's wire thereon in position with one leg adjacent and extending lengthwise of the axis of rotation of said holder, and means to rotate the holder whereby to wrap the other leg of the wire about said one leg and a flower stem extending therealong; there being releasable catch means operative to engage and maintain said holder in a certain starting position, and the holder rotating means being operative to actuate said plate through a predetermined number of full revolutions from said starting position.

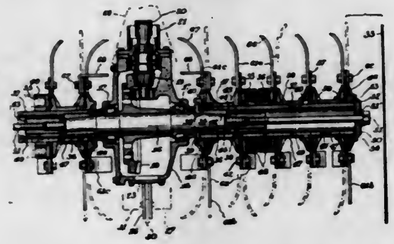
2,438,188
CLOTHESLINE REEL
William John Thrower, Chester, W. Va.
Application February 16, 1945, Serial No. 578,192
1 Claim. (Cl. 242—100)



A clothesline reel comprising a base having narrow end portions for attachment to a stationary support and an axle disposed thereon and extending outwardly therefrom, the face of said base having indentations arranged around the axle, a reel hub journaled on the axle having an inner flange and an outer flange having diametrically disposed extensions forming operating

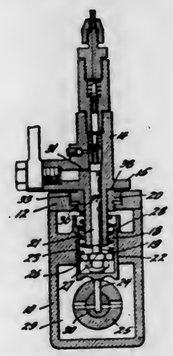
handles, said hub and flanges being provided with a through passage parallel to the axis, a spring pressed plunger in said passage cooperating with said indentations for locking the reel in different positions, a retracting rod on the plunger having a head extending beyond the outer flange and a cam boss on the latter with which said head may be engaged to hold the plunger in retracted position.

2,438,189
ROTARY GROUNDWORKING IMPLEMENT
Harry J. Seaman, Milwaukee, Wis.
Application December 4, 1944, Serial No. 566,407
10 Claims. (Cl. 97—212)



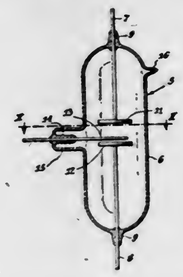
1. In a rotary implement, a rotatable tubular shaft member, a driving shaft member having an end portion rigidly mounted in an end portion of said tubular shaft member, a screw-threaded member disposed axially within said tubular shaft member and having a screw-threaded engagement with said driving shaft member for detachably securing said shaft members together, tool-carrying means on said tubular shaft member and relatively rotatable with respect thereto about the axis thereof, and friction clutch means on said tubular shaft member for drivingly connecting said tool-carrying means with said tubular shaft member.

2,438,190
FUEL INJECTION PUMP
Richard H. Sheppard, Hanover, Pa.
Application February 6, 1942, Serial No. 429,825
16 Claims. (Cl. 103—41)



1. In a Diesel engine of the type in which the plungers of the fuel injection pump are reciprocated by means of adjustable cams on a driving shaft, and no pumping action takes place until the intake fuel port is completely covered, a casing in which said shaft rotates about a fixed axis, a cylinder block assembly including a cover removably secured to the casing, a plurality of cylinder bodies individually supported by the cover and projecting through the cover into the casing for varying distances, means for moving each cylinder body a minute amount with respect to the cover and at right angles to the axis of said shaft, and means for locking each cylinder to the cover in such adjusted position, whereby any one of the cylinder bodies may be released for readjustment without disturbing any of the other cylinder bodies, and the adjustment is made without altering the position of the plungers or the cams.

2,438,191
HIGH-PRESSURE MODULATOR TUBE
Charles M. Slack, Glen Ridge, and Clarence E. Dawley, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application June 19, 1943, Serial No. 491,497
7 Claims. (Cl. 250—27.5)

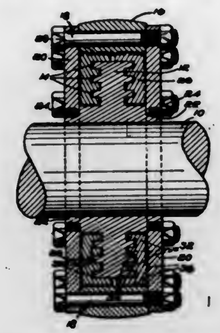


1. A high pressure and triggered spark-gap device comprising an envelope, a pair of disc-shaped main electrodes in said envelope for supporting a high current arc discharge during operation of said device, an ionizable medium in said envelope at high pressure greater than one atmosphere, and a trigger electrode disposed parallel to the surface of said main electrodes and operable upon the application of a potential between said trigger electrode and the adjacent main electrode to initiate the high current discharge in said device.

2,438,192
BEARING
Robert A. Smith, Mahwah, N. J.; Mary Gray Smith, Margaret Smith Pryde, and Mary Smith van Brederode, executrices of said Robert A. Smith, deceased, assignors to Smith & Serrell, Inc., Newark, N. J., a corporation of New Jersey
Application June 17, 1943, Serial No. 491,098
12 Claims. (Cl. 308—78)

1. In a device of the character described, a collar bearing mounted on a shaft for rotation therewith, a plurality of substantially concentric, spaced, annular, weight-supporting rings rigidly affixed to said collar bearing, said rings providing a plurality of pairs of axially spaced annular bearing surfaces, a plurality of bearing lining elements comprising annular, weight-supporting rings cooperating with the rings of said collar

bearing and radially positioned therebetween, said lining rings providing a plurality of pairs of axially spaced bearing surfaces in operative engagement with the annular bearing surfaces of



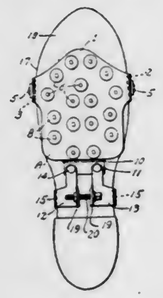
said first-named rings, means providing an enclosure, means to fixedly position said lining elements within said enclosure, and means for insuring lubrication of the surfaces in contact of said collar bearing and said lining elements.

2,438,193

SHOE ANTISKID DEVICE

Wayne Smith, Decatur, Ga.

Application November 8, 1946, Serial No. 708,609
2 Claims. (Cl. 36—7.7)



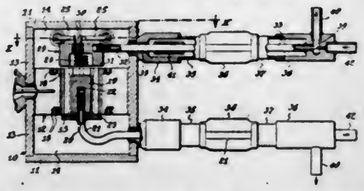
1. A non-skid shoe attachment of the character described comprising, a flat metallic plate of substantially rectangular shape, a plurality of surface engaging spikes secured to and depending from said plate in a set pattern, a pair of oppositely disposed vertical ears upwardly flanged from forward sides of said plate, an adjustable strap secured to and interconnecting said ears in a manner adapting it to encircle the shoe upper and maintain said plate adjacent the underside of the sole of said shoe, a pair of oppositely identical braces disposed at the rearward end of said plate, hinge means and pivot means attaching said braces to said plate for movement about a common axis substantially parallel to the rearward edge of said plate and about individual axes substantially perpendicular to said common axis, means carried by the outside edges of said braces adapted to securely engage the extended portion of the sole of said shoe, and screw means operatively connecting said braces to clamp said shoe sole between said sole-engaging means.

2,438,194

MAGNETRON

Howard L. Steele, Jr., Bloomfield, and John W. McNall, East Orange, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania

Application June 18, 1946, Serial No. 677,463
11 Claims. (Cl. 250—27.5)



1. A magnetron comprising an evacuated enclosing housing having an anode therein, said anode providing a cathode cavity longitudinally central thereof, a cathode coaxial of and within said cavity and emission from which is substantially secondary electrons only, and means at one end of said cathode for conducting a cooling medium both to and from said cathode.

2,438,195

PRESSURE-SENSITIVE ADHESIVE TAPE

Hubert J. Tierney, St. Paul, Minn., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn., a corporation of Delaware

No Drawing. Continuation of application Serial No. 437,831, April 6, 1942. This application December 5, 1946, Serial No. 714,151
4 Claims. (Cl. 117—122)

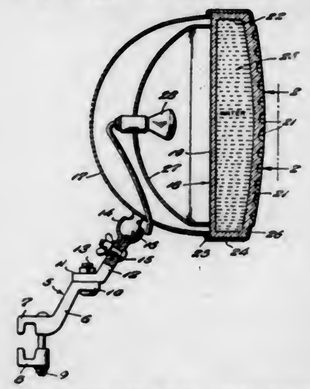
1. A pressure-sensitive adhesive tape comprising a flexible fibrous backing impregnated and unified by a non-tacky polyacrylate elastomer of the class consisting of methyl acrylate polymers, ethyl acrylate polymers and co-polymers of methyl and ethyl acrylates, and a normally tacky and pressure-sensitive non-offsetting adhesive coating firmly united to the backing.

2,438,196

HEADLIGHT AND SUPPORTING MEANS THEREFOR

Lemuel H. Washington, Portsmouth, Va.

Application May 11, 1945, Serial No. 593,204
2 Claims. (Cl. 240—41.3)



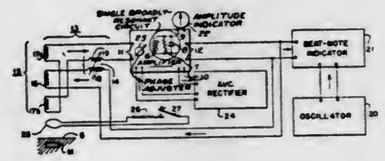
1. An anti-glare headlight construction of the class described comprising an outer shell constituting a casing, a reflector mounted in said casing, a bulb supported on said reflector, a relatively wide annular lens supporting member, said lens supporting member being in the form of a non-transparent frame substantially channel-shaped in cross-sectional form, said frame being mounted on and projecting beyond the outer end of said casing, and a dual lens unit fitted and mounted in said frame, said lens unit being a one-piece device fashioned of glass or equivalent transparent material and embodying a flat, disc-like inner lens, an outwardly spaced concavo-convex outer lens, the latter having its outer surface provided with light-diffusing projections, said lenses being connected together by an annular rim and providing a receptacle for a filtering liquid.

2,438,197

PHASE-SELECTIVE VARIABLE-FREQUENCY OSCILLATORY SYSTEM

Harold A. Wheeler, Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill., a corporation of Illinois

Application December 31, 1942, Serial No. 470,786
19 Claims. (Cl. 250—36)



1. A variable-frequency oscillatory system comprising, a stable amplifier having input and output terminals and having substantial amplification and a positive phase slope over a predetermined frequency range, a single feed-back path substantially nonselective over said range coupling said output terminals to said input terminals, means included in said feed-back path for establishing a feed-back component of coupling of a type effective primarily to cause sustained oscillation of said amplifier at a frequency in said range but ineffective to cause substantial variations of the oscillation frequency of said amplifier with variations of said component, and means included in said feed-back path for establishing a second component of feed-back coupling substantially independent of and in quadrature relation to said first-mentioned component, said second component being variable in response to a frequency-control condition external to said last-mentioned means and being effective primarily to cause variations of the frequency of oscillation in accordance with variations of said condition.

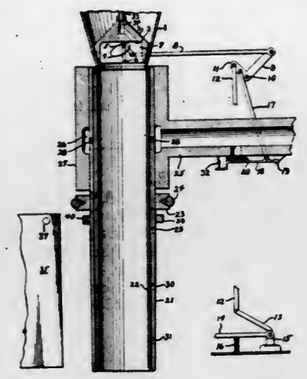
2,438,198

TUBULAR PACKAGE FORMING AND FILLING METHOD AND APPARATUS

Joseph J. Barnett, Chicago, Ill., assignor to Chase Candy Company, Chicago, Ill., a corporation of Missouri

Application March 14, 1946, Serial No. 654,369
6 Claims. (Cl. 93—5)

1. A method of forming and filling a tubular package comprising engaging a sheet of flexible material with a rotating mandrel having suction ports thereon, causing the mandrel to grip the sheet by suction exerted through said ports and wrapping the sheet about the mandrel to form a tubular structure, allowing a portion of the sheet during wrapping to protrude beyond the lower end of the mandrel, twisting together the protruding portion of the package to form a tail and



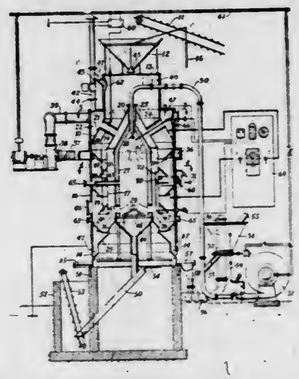
inserting the tail upwardly into the mandrel, releasing the suction applied to said package through said ports and sliding the package off the mandrel, and introducing filling material into the package as it is being slid off the mandrel.

2,438,199

METHOD AND APPARATUS FOR THE HEAT-TREATMENT OF LOW GRADE COAL

Henry E. Becker, Chicago, Ill.

Application January 12, 1942, Serial No. 426,409
3 Claims. (Cl. 202—16)



1. The method of treating a low grade coal to increase the thermal value of the coal while retaining it in the form of coal, which consists in subjecting the coal to an atmosphere of heated carbon monoxide and other reducing gases in the absence of any appreciable quantity of oxygen, in the presence of a metallic catalyst, and at the same time subjecting the coal to an alternating electrostatic discharge, and heating the coal in such atmosphere at temperatures in the approximate range of 800° F.–1260° F. for a predetermined length of time.

2,438,200

N,N'-BIS(3-DIETHYLAMINOPROPYLAMIDE) OF DIBASIC ALIPHATIC ACIDS

Lyell C. Behr and Richard S. Schreiber, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application March 4, 1946, Serial No. 651,981
1 Claim. (Cl. 260—561)

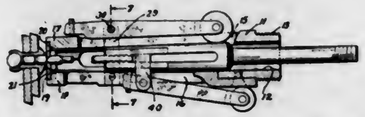
The N,N'-bis-(3-diethylaminopropylamide) of a dicarboxylic acid, $R(COOH)_2$ wherein R is a polymethylene, $-(CH_2)_n-$, radical and n is an integer from four to eight.

2,438,201

RIVET STEM PULLER AND CUTTER

Conrad R. Buchet, Pasadena, Calif., assignor of three-fourths to B. F. B. Engineers, Incorporated, a corporation of California, and one-fourth to Milton H. Lees, Jr.

Application June 23, 1944, Serial No. 541,698
8 Claims. (Cl. 218—19)



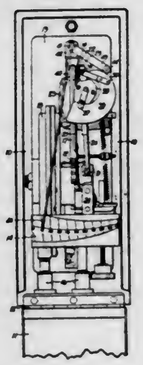
1. In a rivet working device, a body, a slide member mounted within said body, said slide member including a pair of jaws arranged in opposed relation, a link on one of said jaws, an arm mounted on said link, said arm engaging the other jaw, and means on said body for engaging said arm to rock the arm.

2,438,202

ADJUSTABLE CAM

Frank Donald Burns, Long Beach, Ind., assignor to The Hays Corporation, Michigan City, Ind., a corporation of Indiana

Application December 22, 1943, Serial No. 515,207
5 Claims. (Cl. 74—568)



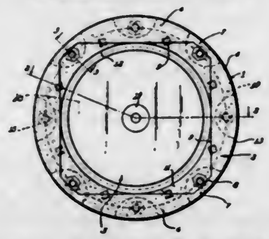
1. An adjustable cam comprising a carrier adapted to be mounted on a rotatable member, an ear projecting outwardly from and terminating in a portion off-set from said carrier, a flat cam plate of elongated curved outline, an arm projecting from one end of said cam plate and terminating in a portion off-set therefrom, means pivotally connecting the off-set terminal portions of said ear and arm, and releasable means for clamping the opposite end of said cam plate against said carrier.

2,438,203

GRINDING WHEEL

Leo F. Carr, Painesville, Ohio

Application June 11, 1945, Serial No. 598,876
3 Claims. (Cl. 51—209)



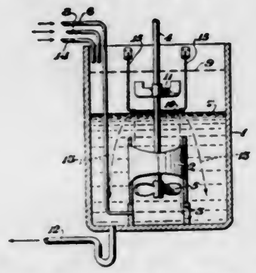
1. A rotary one-piece dynamically balanced abrading element of bonded abrasive material having a completely closed continuous external perimeter and a central opening in the front end, said opening being substantially square in shape and defining a continuous circumferential front end face adapted for grinding, said face consisting of four uniformly peripherally spaced chordal segments integrally joined at their contiguous ends, said element having an inwardly extended back at the rear end defining an annular mounting face and underlying the corners of said opening which extends thereto, a wire mesh molded in said element adjacent said mounting surface and being coextensive in area therewith, and a plurality of uniformly peripherally spaced screw elements molded in said element against the inner surface of said wire mesh for securing said element to a rotary support.

2,438,204

NITRATION APPARATUS

James B. Castner, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Original application June 10, 1943, Serial No. 490,285. Divided and this application February 8, 1945, Serial No. 576,851
1 Claim. (Cl. 23—252)



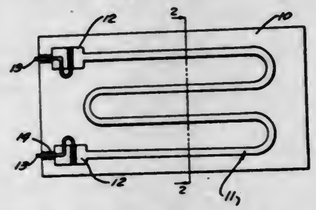
A nitration apparatus for the nitration of liquids wherein the reaction occurs at the interface of the acid and liquid to be nitrated, which comprises a reaction vessel, an elongated vessel of lesser diameter open at both ends, a mechanical agitator positioned to revolve within said elongated vessel, a shaft supporting said agitator, a plate above the upper open end of said elongated vessel a second mechanical agitator above said plate, and an inlet pipe opening substantially at the lower open end of the said elongated vessel.

2,438,205

MEASURING INSTRUMENT

J. Edwin Coates, Santa Monica, Calif., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif.

Application September 15, 1945, Serial No. 616,515
11 Claims. (Cl. 201—63)



1. A strain gauge comprising: a body member adapted to be bonded to a member subject to strain; a grid carried by one face of said body member, said grid comprising a film of current-conducting material bonded to said body member throughout its length so that strains induced in said body member will be transmitted to said film; and a layer of current-conducting material carried by said film.

2,438,206

ROTOR FOR VIBRATOR UNITS

William P. Day, Cleveland Heights, Ohio, assignor to The International Vibration Company, Cleveland, Ohio, a corporation of Ohio

Application October 3, 1944, Serial No. 557,002
1 Claim. (Cl. 74—572)



A rotor for vibrator units comprising an inner portion, and a circular portion cast about said inner portion, said two portions being eccentrically disposed and said inner portion being formed of a heavier material than said outer portion, said outer portion having its peripheral surface recessed to provide a turbine wheel, said inner portion having a shaft formed integral therewith and extending on opposite sides thereof.

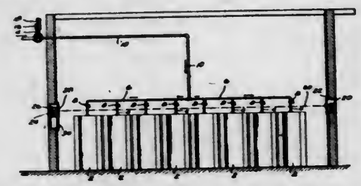
2,438,207

MEANS FOR CONTROLLING THE FLUSHING OF URINALS

John H. Derby, Scarsdale, N. Y., assignor of one-third to C. Milton Wilson and one-third to H. Dorsey Spencer, both of New York, N. Y.

Application March 16, 1944, Serial No. 526,679
2 Claims. (Cl. 4—99)

1. In semi-automatic means for controlling the flushing of urinals, the combination with a plurality of individual urinals arranged side by side, and means associated with each for directing flushing water thereover and therethrough, of manifold connections from said flush-directing means to any suitable supply of flushing water, an electrically operable valve between said manifold and said flushing water supply for controlling the simultaneous flow of water to all of said flush-directing means, a relay-controlled electric circuit for opening said valve and relay governing



means arranged to be actuated by the presence of a user of any one of said urinals in position to make use thereof, said relay governing means being arranged to maintain said valve in open condition to effect flushing of all of said urinals so long as the user remains in the aforementioned position and being so located as to insure such flushing flow before use of any urinal can take place.

2,438,208

CONTINUOUS PROCESS OF CONVERTING LACTIC ACID TO POLYLACTIC ACID

Edward M. Filachione, Philadelphia, and Charles H. Fisher, Abington, Pa., assignors to the United States of America as represented by the Secretary of Agriculture

No Drawing. Application July 10, 1943, Serial No. 494,174
4 Claims. (Cl. 260—78.3)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. The continuous process of converting lactic acid to produce polylactic acid comprising continuously introducing an aqueous solution of lactic acid into a heated zone, disposing the lactic acid in said zone in the form of a relatively extensive moving liquid surface, compared with the volume of the acid, continuously distilling off and removing water vapor, the water vapor moving in a direction countercurrent to that of the moving liquid and in contact therewith, and removing the polylactic acid formed in the zone, the temperature in the zone being in the range 100° to 175° C., an acidic esterification catalyst being present in the lactic acid in the heated zone.

2,438,209

REACTION PRODUCT OF GRAMICIDIN AND FORMALDEHYDE AND METHOD OF PRODUCTION

Heinz L. Fraenkel-Conrat, Harry Humfeld, and James C. Lewis, Berkeley, Keene P. Dimick, Lafayette, and Harold S. Olcott, Berkeley, Calif., assignors to the United States of America as represented by the Secretary of Agriculture

No Drawing. Application September 25, 1945, Serial No. 618,605
4 Claims. (Cl. 260—236.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

3. The method of preparing a new medicinal compound having high antibiotic and low hemolytic and toxic properties comprising dissolving granicidin in ethanol, adjusting the pH to an alkaline reaction thence adding formalin, permit-

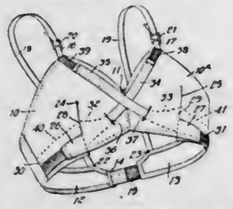
ting the reaction between the gramicidin and the formaldehyde to proceed to substantial equilibrium, diluting the resulting mixture with water and adding a salt to precipitate the gramicidin-formaldehyde, thence separating the precipitate and washing and drying it.

2,438,210

BRASSIÈRE

Edwin W. Gluckin, Brooklyn, N. Y.

Application February 21, 1945, Serial No. 578,978
4 Claims. (Cl. 2—42)



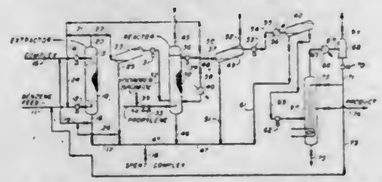
1. A garment of the class described comprising breast pockets, means for supporting the pockets on the body of the wearer, each pocket comprising lower relatively movable inner and outer sides having overlapping portions centrally of the pockets and at free edges thereof, the inner sides having wide extending portions overlying lower portions of the outer sides, elastic straps joining side extensions with outer side portions of the pockets, means extending from the outer sides of the pockets to upper central portions of opposed pockets for supporting said outer sides firmly upon the breasts of a wearer, said last named means comprising wide pad portions of lastex material arranged adjacent lower portions of the inner sides of the pockets, and other pad portions extending from free inner edges of the outer sides of the pockets to outer side edges of the pockets and arranged upon inner surfaces of the outer side portions of said pockets.

2,438,211

PROCESS USING ALUMINUM BROMIDE-HYDROCARBON COMPLEX TO PROMOTE ALKYLATION OF AROMATIC HYDROCARBONS BY OLEFINS OF MORE THAN TWO CARBON ATOMS PER MOLECULE

Manuel H. Gorin and Lorld G. Sharp, Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York

Application May 4, 1946, Serial No. 667,297
7 Claims. (Cl. 260—671)



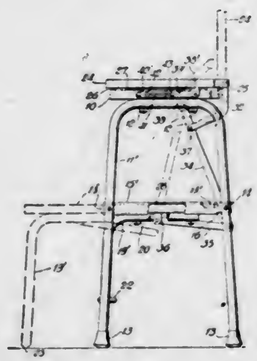
1. The continuous process for alkylating a normally liquid aromatic hydrocarbon with an aliphatic olefin containing at least three carbon atoms per molecule which comprises the steps of (1) continuously contacting said liquid aromatic hydrocarbon with a liquid aluminum bromide-aliphatic hydrocarbon complex in a contact zone to extract from said complex a sufficient amount of an organic, aluminum bromide-containing component of said complex to obtain an aromatic hydrocarbon solution containing an amount of said component equivalent to at least 0.2 weight per cent of aluminum bromide and not more than 1.0 weight per cent of aluminum bromide, (2) continuously passing the aromatic hydrocarbon solution of step 1 to a reaction zone at a temperature within the range of from 10° C. to about 65° C. and contacting said solution therein with an amount of said aliphatic olefin equal to at least two times the weight and not more than seven and one-half times the weight of the liquid aluminum bromide-aliphatic hydrocarbon complex from which the aluminum bromide-containing component is extracted in step 1 for a sufficient time to convert at least a part of said aromatic hydrocarbon to alkylated aromatic hydrocarbon and to convert a part of said aluminum bromide-containing component to insoluble, aluminum bromide-aromatic hydrocarbon complex and maintaining said contacting for an insufficient time to reduce the concentration of organic, aluminum bromide-containing component dissolved in the aromatic hydrocarbon reaction mixtures below an aluminum bromide equivalent of 0.1 weight per cent based on the weight of the aromatic hydrocarbons in said reaction mixture, (3) continuously separating the insoluble aluminum bromide-aromatic hydrocarbon complex from the aromatic hydrocarbon solution of aluminum bromide-containing component of step 2, (4) continuously separating the residual dissolved organic, aluminum bromide-containing component from the aromatic hydrocarbon solution of step 3, (5) fractionating the aromatic hydrocarbons of step 4 to obtain a stream of unreacted aromatic hydrocarbon and alkylated aromatic hydrocarbons produced in step 2, (6) recycling the unreacted aromatic hydrocarbon of step 5 to step 1, and (7) recovering at least one alkylated aromatic hydrocarbon from step 5 of the process.

2,438,212

COMBINATION LADDER STOOL

David Greene, Brooklyn, N. Y., assignor to Esmco Auto Products Corporation, Brooklyn, N. Y., a corporation of New York

Application June 21, 1945, Serial No. 600,702
7 Claims. (Cl. 155—42)



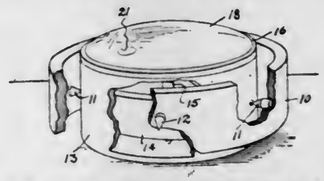
1. A chair of the class described comprising two U-shaped leg frames, a main seat joining and spacing upper ends of said frames, a reinforcing U-shaped frame bridging the leg members of the leg frames and joining two leg members of each leg frame, said reinforcing frame having channelled side portions, a step member slidably engaging said channelled side portions, said step member having substantially L-shaped leg portions, a supplemental seat normally arranged over and hingedly coupled with the main seat, a lever pivoted to the supplemental seat, an arm pivoted to and extending downwardly from the main seat to which said lever is pivoted, a link pivotally coupled with said step member and with the end of said arm providing linkage coupling between the supplemental seat and the step member whereby movement of the supplemental seat into raised position will automatically extend the step member forwardly with respect to the leg frames, and means bracing the supplemental seat in its raised position and checking inward movement of the step member.

2,438,213

GYROSCOPE ERECTION SYSTEM

Hugh G. Hamilton, Baldwin, N. Y., assignor to Eastern Air Devices, Inc., Brooklyn, N. Y., a corporation of New York

Application July 10, 1945, Serial No. 604,159
5 Claims. (Cl. 74—5)



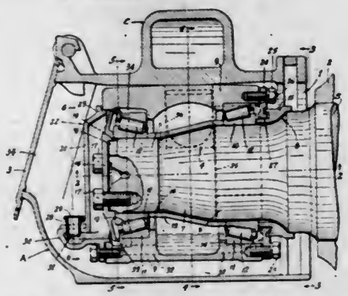
4. In a device of the type described, a housing forming two compartments one above the other, a liquid substantially filling said upper compartment but containing a bubble, a gyroscope rotor journaled in said housing on a vertical axis, and means for supporting said housing on a pair of axes at right angles to each other and the axis of rotation of said gyroscope rotor, said liquid body providing means in itself for returning the rotor axis to the vertical upon displacement therefrom.

2,438,214

ROLLER BEARING RAILWAY CAR AXLE AND JOURNAL BOX ASSEMBLY

Ralph E. Horger, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio

Application May 22, 1944, Serial No. 536,669
5 Claims. (Cl. 308—180)



1. A railway roller bearing axle and journal box assembly comprising a conventional one-piece plain bearing journal box having an enlarged dust guard opening in the inner end thereof and the usual interior journal bearing retaining and thrust lugs in the side walls thereof, an axle having a journal portion extending into said journal box through said opening, two axially spaced roller bearings mounted on the journal portion of said axle, and a sealed lubricant containing housing for said bearings and supporting said journal box from the top thereof, said housing having vertical channels in the exterior side faces thereof in which are received said lugs, there being a clearance between the housing and the bottom of the journal box large enough to permit relative vertical movement of said journal box and housing to engage and disengage said journal box lugs and said housing channels and said opening being large enough to permit passage of said housing through said opening.

2,438,215

TREATMENT OF POLYALKYL AROMATICS

Vladimir N. Ipatieff and Louis Schmerling, Riverside, Ill., assignors to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

No Drawing. Application February 8, 1943, Serial No. 475,180
4 Claims. (Cl. 260—671)

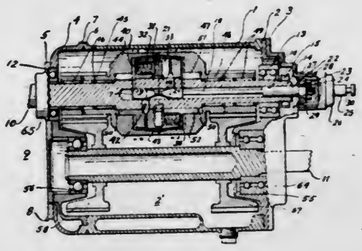
1. A process for the manufacture of ethyl benzene which comprises subjecting a proportioned mixture of a polyethyl benzene and benzene to reaction in contact with a phosphoric acid catalyst.

2,438,216

REVERSIBLE CLUTCHING MECHANISM

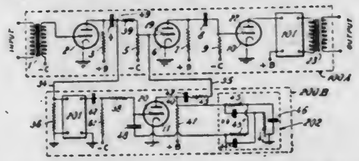
Arnold H. Jessen, Los Angeles, Calif.

Application August 17, 1943, Serial No. 498,932
10 Claims. (Cl. 74—377)



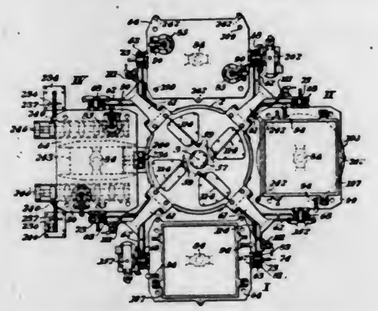
1. In a device for securing a power transmitting element to its shaft, a shaft having a bore opening to one end thereof, a first element having means journalling it to the shaft, an annular chamber in the first element adjacent the shaft, a plurality of spaced apart rollers in the chamber, a plurality of shallow grooves alined around the shaft and open to the chamber, a second element concentric with the shaft and having extensions therefrom entering the chamber and between the rollers, means on the first and second elements for frictionally engaging one another, a pawl slidable radially in the shaft and exposed to the bore of the shaft and also partially slidable in a portion of the second element, means shiftable in the bore of the shaft for allowing the pawl to be moved to release the second element, and pressure means to shift the second element when free.

2,438,217
METHOD FOR ELIMINATION OF PERIODIC STRAY SIGNALS FROM SEISMIC SIGNALS
Curtis H. Johnson, San Marino, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Application June 30, 1944, Serial No. 543,035
1 Claim. (Cl. 179—171)



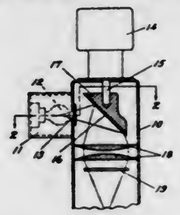
A method of eliminating a fundamental undesired steady-state signal and its odd harmonics from a signal that it is desired to record that comprises the steps of introducing the composite signal into a main amplifier, diverting a portion of the composite signal from the amplifier to an auxiliary circuit, there amplifying the fundamental steady-state signal relative to the remainder of the composite signal, thereafter in the auxiliary circuit distorting the fundamental steady-state signal to introduce odd harmonics thereof, returning the amplified steady-state signal and its odd harmonics to the main amplifier respectively 180° out of phase with the fundamental steady-state signal and its odd harmonics in the undiverted portion to effect substantial cancellation of the steady-state signals whereby the output signal of the main amplifier will be substantially free of the steady-state signal and its odd harmonics.

2,438,218
MOLDING MACHINE
Loyal L. Johnston, Zellenople, Pa., assignor to Herman Pneumatic Machine Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application July 6, 1944, Serial No. 543,656
11 Claims. (Cl. 22—20)



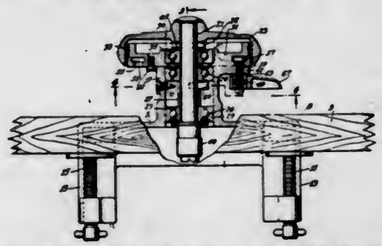
1. A molding machine comprising a carrier, a plurality of supports adapted to be carried by the carrier, a plurality of operating stations at which the carrier is adapted successively to position the respective supports, means at one station for packing mold forming material against a pattern in a flask supported by a support to form a mold, means at a second station for separating the mold and flask from the support and pattern, means also at the second station for inverting the assembly of support, flask, pattern and mold when it is desired to deliver the mold in inverted position and means at a third station for separating the mold and flask from the support and pattern when the mold is delivered thereto in inverted position.

2,438,219
PROJECTION LIGHT SOURCE FOR PHOTOGRAPHIC DEVICES
Robert C. Johnston, Binghamton, N. Y., assignor to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware
Application January 5, 1945, Serial No. 571,550
5 Claims. (Cl. 88—24)



1. A source of illumination for photographic printing or projecting means including in combination a central chamber, independent light sources associated with said chamber so that light from each of said sources is directed into the chamber, a filter for each of the independent sources by which certain colors of the light are absorbed before entering the chamber, and means for gathering and reflecting the colored light within the chamber including a reflector for successively intercepting rays from each source, and means for rotating it at a relatively rapid rate and so that the light rays entering the chamber through the said filters are integrated into an apparently continuous beam, and optical means to direct said beam through an original to be printed or projected.

2,438,220
DRAFTING MACHINE
Leendert Ketting, Secaucus, N. J., assignor to Keuffel & Esser Company, Hoboken, N. J., a corporation of New Jersey
Application October 2, 1943, Serial No. 504,668
10 Claims. (Cl. 33—79)



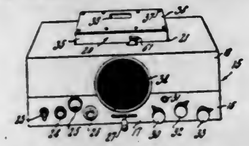
4. In a drafting machine of the wheel and band type having an anchor, the combination with a pulley therein about which the band passes in maintaining the straight edge means in orientation: of means mounting said pulley for free rotation, said pulley being formed with an arcuate groove concentric with the axis of the pulley and T-shaped in cross-section and clamping means T-shaped in cross-section carried by the anchor and disposed in the groove to retain the pulley in adjusted position.

10. In a drafting machine of the wheel and band type having an anchor, the combination with a pulley therein about which the band passes in maintaining the straight edge means in orientation: of an annular passage in the pulley having a surface, means in the passage carried by the anchor and adapted to engage the surface to retain the pulley in adjusted position, said anchor also comprising stop means and a lug on said pulley engageable by the stop means and limiting rotation of the pulley in either direction.

2,438,221
METHOD OF MAKING A HARD FACING ALLOY
Jacob Kurtz, Teaneck, and Enrico Zampieri, Union City, N. J., assignors to Callite Tungsten Corporation, Union City, N. J., a corporation of Delaware
No Drawing. Application August 13, 1942, Serial No. 454,672
1 Claim. (Cl. 75—137)

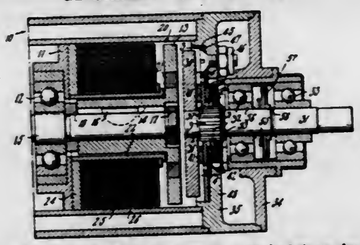
Process of making a hard facing alloy which comprises pressing into pellets and sintering about 95% by weight of tungsten carbide powder and about 5% by weight of iron carbide powder; preparing a melt of chromium and cobalt and adding thereto and fusing therewith said tungsten iron carbide pellets; then adding deoxidizing and grain refining material of the group consisting of calcium, silicon, manganese, boron, alloys of silicon, aluminum, and zirconium, and ferrous alloys of titanium, vanadium and chromium; and casting the same into ingots; the proportions of the ingredients forming said alloy being about 24% to 45% of tungsten, 1% to 5% of iron, 2% to 5% of carbon, 20% to 25% of chromium, 0.5% to 5% of deoxidizing and grain refining metal and the balance cobalt.

2,438,222
MAGNETIC SOUND TRANSLATING SYSTEM
William P. Lear, North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich., a corporation of Illinois
Application May 22, 1945, Serial No. 595,240
20 Claims. (Cl. 179—100.2)



19. In a magazine type magnetic sound translating apparatus including a magazine containing a pair of reels for traversing a linear magnetic recording medium with respect to a magnetic translating head, spooling mechanism for layer winding the medium onto and off of the reels and mechanical coupling means for each of the reels and for the spooling mechanism, a sound translating unit interchangeably cooperative with the magazine comprising a casing; a mounting plate mounted in said casing; a magazine supporting plate; a pair of shaft housings interconnecting said plates in vertically disposed relation; a pair of shafts each rotatably mounted in one of said housings; a coupling element on the upper end of each shaft projecting through said supporting plate for detachable cooperation with the reel coupling means of the magazine; a coupling gear projecting through said supporting plate for cooperation with the spooling mechanism coupling means; reduction gearing connecting said coupling gear to one of said shafts; a pair of friction driven wheels each secured to the lower end of one of said shafts; a driving roller rotatably mounted on said mounting plate; an electric motor coupled to said driving roller; an idler wheel normally mounted on said mounting plate intermediate and normally out of engagement with said driven wheels; a manually operable selector pivotally secured to said plate intermediate said wheels; a movable operator operative to selectively engage said idler wheel with either of said driven wheels and with said driving roller; resilient means biasing said operator to follow the movements of said selector; means restraining movement of said operator in response to movement of said selector until said selector has approached its limit of movement in either direction, said last-named means thereupon releasing said operator to be biased in the same direction by said resilient means; spaced latches pivotally mounted on said supporting plate and automatically engageable with latching means on the magazine when the latter is placed on said supporting plate; and manually operable releasing means for said latches.

2,438,223
MAGNETICALLY ACTUATED CLUTCH AND BRAKE CONSTRUCTION
William P. Lear, North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Grand Rapids, Mich., a corporation of Illinois
Application October 30, 1945, Serial No. 625,495
11 Claims. (Cl. 192—18)

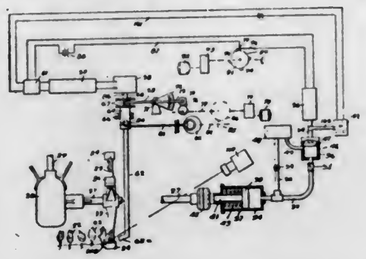


1. A clutch and brake unit comprising, in combination, a driving member; a driven member; power drive means coupled to said driving member; a shaft rotatable with said driven member; a braking member rotatable on said shaft; means biasing said driven and braking members into frictional engagement; a device engageable with said braking member to lock the same against rotation; means normally biasing said braking member and said device into engagement to exert a frictional braking drag on the shaft through said driven member; and means operable, when activated, to engage said driving and driven members and to disengage said braking member from said device to provide for rotation of said shaft by said power drive means.

2,438,224
PLANT THINNING MACHINE
Leo A. Marihart, Salinas, Calif.
Application November 2, 1942, Serial No. 464,184
6 Claims. (Cl. 97—15)

1. In an agricultural machine, a rotatable tool having ground engaging means, a frame serving to support the tool for rotation and for general movement in a direction corresponding to the axis of rotation of the tool, the engaging means of the tool being adapted to undercut the soil

along a row of plants, power means for driving the tool, actuating means for abruptly advancing the ground engaging means relative to the frame



and in the direction of movement of the frame and for causing return of the same to normal position, whereby the ground engaging means skip an area of the row of plants, and light sensitive means for controlling said actuating means to provide skip intervals between intervals during which the ground engaging means operates on the ground.

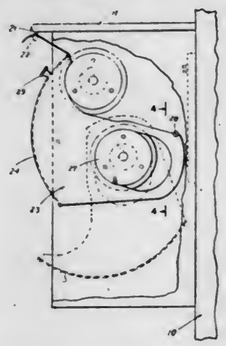
2,438,225

COVER AND RECEPTACLE FOR DRY PRINTING MACHINES

Willibald Martin, Binghamton, N. Y., assignor to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware

Application March 14, 1945, Serial No. 582,696

3 Claims. (Cl. 95—75)



3. In a printing machine of the type described, the combination of a feed table, supporting means for a roll of sensitized printing material positioned beneath the feed table over which that material is drawn from the roll and fed, and a combined sensitized material protecting cover and receptacle for original material to be printed, comprising light shielding end members and a connecting light shielding member extending from one end member to the other and along the length of the roll of sensitized material, means upon which said end members are pivoted comprising an elongated bearing in each end member and cooperating fixed pivots adjacent the supporting means for the roll about which the end members and the connecting member may be swung to a position in which the material is shielded and from that position to one in which the connecting member is substantially horizontal for retaining the material to be printed, and means to retain the said members in the first-mentioned position including a cooperating notch and a fixed stop member, one in one of the pivoted end members and the other carried by an adjacent fixed portion of the machine, said notch and stop member being interengaged when the shielding means is raised and the end members moved inwardly to the extent permitted by their elongated bearings, but being disengageable, one from the other, upon outward movement of said end members as permitted by the elongated bearings.

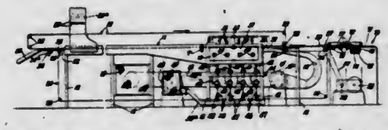
2,438,226

CARROTING AND DRYING OF FUR-BEARING ANIMAL SKINS

Robert E. Naumburg, West Englewood, N. J., assignor to Jonas & Naumburg Corporation, New York, N. Y., a corporation of New York

Application July 10, 1944, Serial No. 544,294

13 Claims. (Cl. 8—112)



1. In the art of preparing fur for felting, a method of treating fur-bearing animal skins from which said fur may be produced which comprises passing the fur-bearing skins which have been moistened by the application of carroting solution thereto through a zone of radiant heat energy, wherein the radiant heat rays strike the fur, simultaneously passing air over said skins while said skins are passing through said zone whereby the atmosphere adjacent the fur is maintained in a state of turbulence, said radiant heat being of sufficient intensity to singe the fur if said atmosphere is maintained quiescent.

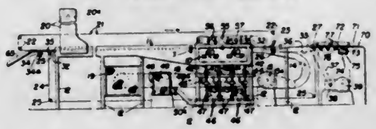
2,438,227

APPARATUS FOR TREATING FUR-BEARING ANIMAL SKINS

Robert E. Naumburg, West Englewood, N. J., assignor to Jonas & Naumburg Corporation, New York, N. Y., a corporation of New York

Original application July 10, 1944, Serial No. 544,294. Divided and this application April 18, 1945, Serial No. 588,977

15 Claims. (Cl. 69—28)



1. In an apparatus for treating fur-bearing animal skins the fur of which may be used for hat making, a heating chamber having a head end and a tail end, an elongate tunnel connected in tandem with the interior of said chamber at its tail end, movable means providing a conveyor for conveying said skins through said chamber and tunnel, means disposed within said chamber only and for generating radiant energy directed toward said conveyor, means for supplying air at substantially room conditions into said chamber adjacent said conveyor in the direction of travel of said conveyor to inhibit singeing of the fur and means for exhausting said air from said tunnel.

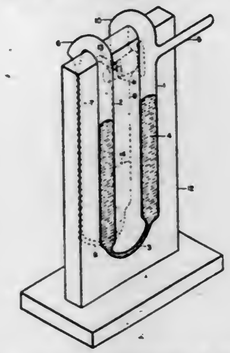
2,438,228

MANOMETER

Reuben A. Osten, Wilmington, Del., assignor to Wyandotte Chemicals Corporation, Wyandotte, Mich., a corporation of Michigan.

Application September 14, 1945, Serial No. 616,190

3 Claims. (Cl. 73—401)



2. A manometer comprising a vertical U-tube adapted to contain a body of mercury, said U-tube consisting of two non-capillary arms joined at their bottom ends by a capillary tube, a vertical capillary tube connected at its top to the top of one of said arms, a non-capillary tube connected at its lower end with the lower end of said vertical capillary tube and at its top to the top of the other of said arms, an outlet connection adjacent the upper end of said last-named arm leading to the source of pressure to be measured, a port leading to the atmosphere and located between said non-capillary tube and said last-named U-tube arm, and a three-way valve located at said port.

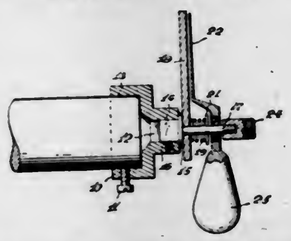
2,438,229

PENDULOUSLY OPERATED CRANK TIMING INDICATOR

Eugene A. Price, Spokane, Wash.

Application December 4, 1944, Serial No. 566,489

1 Claim. (Cl. 33—215)



An instrument for indicating the amount that a rotatable device is turned from its original position, comprising, a supporting plug for attachment to the device, a shoulder on said plug, a dial, a shaft projecting through the dial from said plug, a coiled spring secured on the projecting shaft and pressing the dial against the shoulder thereby frictionally opposing rotation of the dial on the shaft, a pointer having a plumb weight thereon, an antifriction bearing mounting the pointer on the projecting shaft beyond the spring and a head on the end of the projecting shaft for turning the shaft.

2,438,230

PRODUCTION OF AQUEOUS SOLS OF HYDROUS OXIDES

John W. Ryznar, La Grange, Ill., assignor to National Aluminate Corporation, Chicago, Ill., a corporation of Delaware.

No. Drawing. Application October 26, 1944, Serial No. 560,521

10 Claims. (Cl. 252—313)

6. The process of producing a colloidal aqueous sol of a hydrous oxide which consists in passing an aqueous solution of a salt of an element capable of forming such an oxide through a mass of alkali-regenerated anion-exchange material, the concentration of said salt in said solution not exceeding about 1% by weight of the solution.

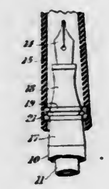
2,438,231

CLOSURE FOR FOUNTAIN PENS AND THE LIKE

Edward S. Schultz, Buffalo, N. Y., and Charles D. Morton, Oak Park, Ill.; said Morton assignor to said Schultz.

Application January 18, 1946, Serial No. 641,896

9 Claims. (Cl. 120—42.01)



1. As a new article of manufacture, a fountain pen comprising a barrel of non-ferrous material, a telescopically detachable cap of non-ferrous material, and a closure comprising an annular closure member of magnetic material secured to said barrel with a frusto-conical outer surface, and an annular member of magnetic material secured to said cap with a frusto-conical inner surface complementary with the frusto-conical outer surface of said first-named closure member and adapted for sealing contact therewith in the closed position of said cap, one of said closure members being permanently magnetized.

2,438,232

PREPARATION OF CHOLIC ACID

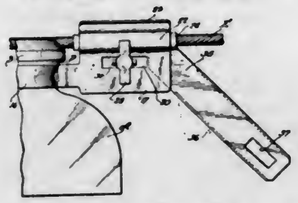
Robert H. Sifferd, Hollywood, Ill., assignor to Armour and Company, Chicago, Ill., a corporation of Illinois

No Drawing. Application January 7, 1944, Serial No. 517,435

10 Claims. (Cl. 260—397.1)

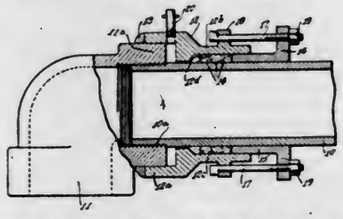
1. In a process for isolating cholic acid from bile, the steps of treating the cholic acid and other bile substances associated therewith with a water-immiscible aliphatic alcohol solvent for cholic acid and an organic liquid miscible with said solvent and in which cholic acid is substantially insoluble, said liquid being selected from the group consisting of aromatic, aliphatic and chlorinated hydrocarbons, the ratio of the organic liquid to the solvent being at least two to one, and separating solid cholic acid therefrom.

2,438,233
CONDUCTOR GRIP FOR INSULATORS
Harold S. Sines, Chicago, Ill.
Application December 13, 1945, Serial No. 634,643
6 Claims. (Cl. 174—172)



1. A conductor grip attachable to a line conductor insulator and comprising spaced-apart pairs of jaws, each jaw being beaded to provide it with a channel presented to the channel of its opposed jaw, conductor engaging liners for said channels, devices associated with the respective pairs of jaws to cause them to embrace a conductor engaged by said liners, one of said liners being formed of electricity-conducting material, and an arm formed integral with said last-mentioned liner and projecting away from the conductor grip for the support independently of the conductor of auxiliary equipment electrically connected with the conductor through said arm and the liner of which it is an integral part.

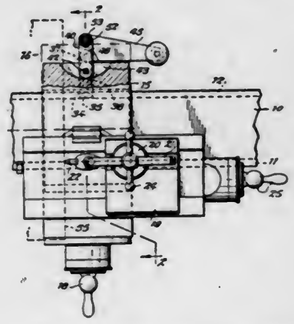
2,438,234
ROTATABLY ADJUSTABLE PIPE JOINT
Charles H. Stewart, Wilmington, Del.
Application June 9, 1944, Serial No. 539,449
1 Claim. (Cl. 285—135)



A rotatable joint comprising a first pipe member having a threaded portion, a second pipe member adapted to be threaded thereon and adjusted rotatably with respect to said first pipe member, a collar united rigidly with and in airtight relation to said second pipe member having an internal diameter larger than the external diameter of said first pipe member providing a space therebetween for receiving packing, an internal shoulder in said collar, an annular sleeve fitting in said space and means connecting said sleeve and said collar for adjusting them relatively in an axial direction to compress said packing against said internal shoulder and expand it against said sleeve and said first pipe member.

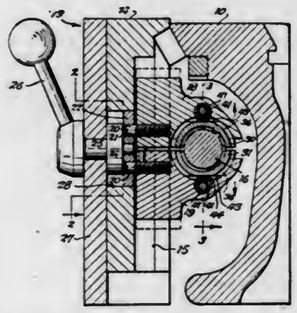
2,438,235
MEANS FOR CLAMPING MACHINE PARTS TO BEDS
David W. Strom, Elmira, N. Y., assignor to Hardinge Brothers, Inc., Elmira, N. Y.
Application April 25, 1945, Serial No. 590,269
6 Claims. (Cl. 29—1)

1. Clamping means for securing to a bed having a flat face and inclined sides converging from said flat face, a machine part having a portion formed to seat on said flat face and a portion on a side thereof for engaging one of said sides of said bed, said clamping means including a clamping bolt guided on said machine part for movement toward and from the other side of said bed, a link pivoted at one end thereof to



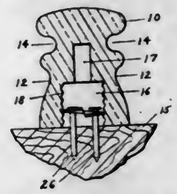
said machine part, a lever pivoted to said link and said bolt for moving said bolt toward and from said bed, the pivotal connection of said lever and said bolt lying substantially parallel to the direction of movement of said bolt when said bolt is in clamping engagement with said bed.

2,438,236
LEAD SCREW NUT CONSTRUCTION FOR LATHES AND THE LIKE
David W. Strom, Elmira, N. Y., assignor to Hardinge Brothers, Inc., Elmira, N. Y.
Application June 11, 1945, Serial No. 598,761
15 Claims. (Cl. 74—424.8)



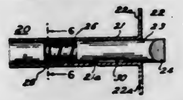
1. In a machine having a lead screw, a pair of jaws movable toward and from said lead screw, and a pair of half nuts formed to be releasably secured to said jaws, that improvement which includes cooperating parts on said jaws and said half nuts for positioning said half nuts on said jaws and including collars on said half nuts and grooves in said jaws formed to receive said collars to hold said half nuts in correct relation to each other, to said jaws and to said lead screw, interengaging means on said jaws and said half nuts for holding said half nuts against movement about the axis of said lead screws, and gripping means for releasably securing said half nuts to said jaws.

2,438,237
FENCE KNOB
August F. Toelke, St. Louis County, Mo., assignor to The Alamo Corporation, Clayton, Mo., a corporation of Missouri
Application January 7, 1944, Serial No. 517,441
15 Claims. (Cl. 174—158)



1. The combination of a fence knob and a support for said knob, said fence knob being an insulator of electricity and having a helical thread thereon, said support comprising means adapted to engage a fence post in substantially stationary engagement and a disc-shaped movable member held against rotation by said substantially stationary means and adapted to engage said helical thread on said knob, said movable member being loosely and tiltably coupled to said substantially stationary means, whereby said movable member and said knob can be tilted relative to said substantially stationary means.

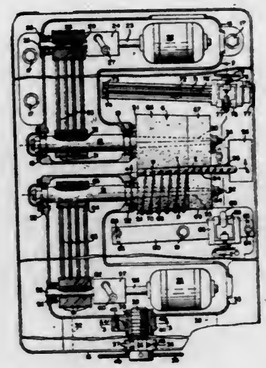
2,438,238
MOTOR VEHICLE DOOR LOCK
George Tonkin, Klamath Falls, Oreg.
Application November 7, 1944, Serial No. 562,322
2 Claims. (Cl. 292—182)



1. An attachment for locking the rear door of an automobile in a closed position whenever the front door thereof is closed comprising a thin metal cylindrical casing, a cylindrical latching bolt slideably mounted within said casing, said bolt having an elongated flat surface, means for guiding said bolt and preventing rotation thereof comprising a finger having a flat end portion formed from said casing and bent inwardly into slidable engagement with said flat surface to prevent rotation of said bolt and to limit outward movement of said bolt relative to said casing, said casing having means for mounting the same adjacent said front door, said bolt having an inclined end engageable by said front door for displacement of said bolt from a door-opening position to a position for positive locking of said rear door in a closed position, said bolt having a reduced diameter along an intermediate portion thereof and a coil spring disposed in said intermediate portion for biasing said bolt to said door-opening position and against said finger.

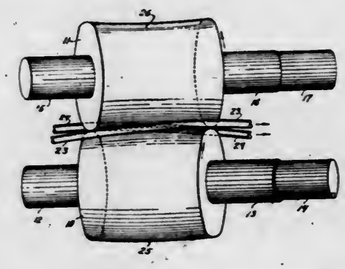
2,438,239
BALL GRINDING MACHINE
Harry A. Toulmin, Jr., Dayton, Ohio, assignor to The Thompson Grinder Company, Springfield, Ohio, a corporation of Ohio
Application July 23, 1946, Serial No. 685,714
21 Claims. (Cl. 51—79)

6. In a ball grinding machine, a conically shaped grinding wheel and conically shaped regulating wheel located adjacent one another to form a variable width throat therebetween, means for rotating said grinding wheel at grinding speeds, means for rotating said regulating



wheel at feeding speeds, and means formed on said regulating wheel to move a spherical work piece when placed in the narrower end of said throat toward the wider portion of said throat.

2,438,240
METHOD FOR STRAIGHTENING RODS
André Joseph Trudeau, Waterbury, Conn., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn., a corporation
Application September 28, 1945, Serial No. 619,136
1 Claim. (Cl. 153—60)



The process of simultaneously straightening two rods or the like including: passing two rods in the same general direction longitudinally into rod-straightening mechanism having a pair of straightening-rolls arranged adjacent but spaced apart from one another and rotating in the same direction of rotation about their respective longitudinal axes, which said axes are arranged in angularly crossed relation to one another, and which said mechanism has two rod-guides located between said rolls and at opposite sides of the median plane of said rolls and spaced apart from one another, and which said rolls and guides simultaneously support, rotate, feed longitudinally, guide and thereby straighten said two rods at opposite sides of said median plane and spaced apart from one another with each said rod in contact with both of said rolls and one of said guides.

2,438,241

METALLATION OF BETA-KETO ESTERS

Vernon H. Wallingford, Ferguson, and August H. Homeyer, Webster Groves, Mo., assignors to Mallinckrodt Chemical Works, St. Louis, Mo., a corporation of Missouri

No Drawing. Application May 17, 1945, Serial No. 594,372
4 Claims. (Cl. 260—483)

3. The method of metallating a β-keto ester of the following structure:

$$R.CO.CHX.CO_2Y$$

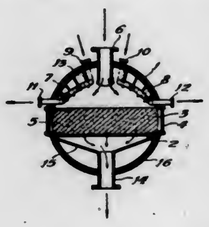
where R is a hydrocarbon radical selected from the group consisting of aromatic and saturated aliphatic hydrocarbon radicals, X is a saturated aliphatic hydrocarbon radical, and Y is an alkyl radical which comprises reacting the ester with an anhydrous alcoholate of a metal selected from the group consisting of sodium, potassium and magnesium, in a reaction medium consisting essentially of a dialkyl carbonate, and removing alcohol.

2,438,242

CATALYTIC REACTOR

Charles C. Watson, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application May 15, 1943, Serial No. 487,086
2 Claims. (Cl. 23—288)



1. A catalytic reactor comprising in combination a shell, a relatively shallow catalyst bed disposed within said shell, an inlet conduit projecting into the shell on one side of said bed for supplying a fluid reactant to the bed, heating tubes in the shell on said side of and spaced from the catalyst bed and adapted to heat the bed substantially by radiation, said tubes being disposed out of the path of flow of the fluid reactant from said inlet conduit to the catalyst bed whereby to minimize contact of the reactant with the heating tubes, means for removing reaction products from the shell on the other side of said bed, and means for passing a heating medium through the heating tubes.

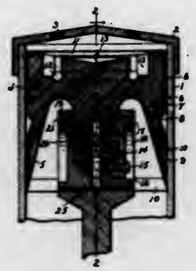
2,438,243

INTERNAL-COMBUSTION ENGINE PISTON

Stanley M. Zoromskis, Kenosha, Wis.

Application October 20, 1944, Serial No. 559,549
7 Claims. (Cl. 309—14)

1. In a piston for an engine having a cylinder, the improvement which comprises: a head portion; a skirt extending from the head portion and having an outer annular groove; said head portion having at least one inwardly-downwardly directed V-shaped annular groove in its outer side defining a prong; annular-band slippers on the outer face of said piston head and its prong; said skirt having at least one inwardly-upwardly directed V-shaped annular groove in its outer



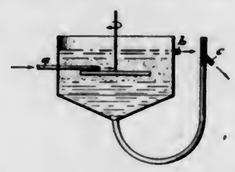
side defining a prong; annular band slippers on the outer face of said skirt and its prong.

2,438,244

PROCESS FOR THE SEPARATION OF LIQUID EMULSIONS

Mario Biazzi, Brig, Switzerland

Application August 14, 1939, Serial No. 290,138
In Germany August 15, 1938
Section 3, Public Law 690, August 8, 1946
Patent expires August 15, 1958
4 Claims. (Cl. 252—349)



1. In the separation of emulsions of liquids having different specific gravities, the process which comprises introducing an emulsion comprising a nitrated liquid explosive in its nitrification medium into a cylindrical separating zone having a vertical axis, imparting to the emulsion in the central section of said zone a slow rotary motion in a horizontal plane, whereby the emulsion separates into layers above and below said central section, and continuing said rotary motion in said central section without any substantial centrifugal action and without substantial disturbance of the separated liquids above and below said central section while withdrawing said separated liquids from points above and below said central section.

2,438,245

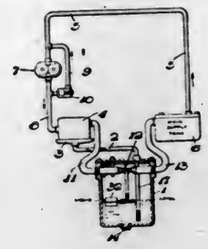
SYSTEM AND MEANS FOR RETURNING LEAKAGE FLUID TO A MAIN FLUID SUPPLY

David Gregg, Caldwell, N. J., assignor to Bendix Aviation Corporation, Teterboro, N. J., a corporation of Delaware

Application March 21, 1944, Serial No. 527,509
4 Claims. (Cl. 60—52)

1. An automatic circulating system, comprising, in combination, a source of fluid, a pressure pump, a device for utilizing said fluid under pressure of said pump, means for collecting fluid leakage from said device, a single conduit for returning fluid from said device under pressure of

said pump to said source, Venturi means provided in said single conduit and operated by said



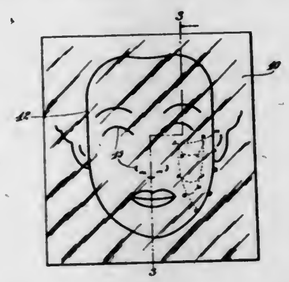
return fluid for drawing the leakage fluid from said collecting means into said return conduit.

2,438,246

FACIAL ANALYSIS CHART

George L. Henry, Chicago, Ill., assignor to American Molded Products Co., Chicago, Ill., a corporation of Illinois

Application March 27, 1945, Serial No. 585,156
4 Claims. (Cl. 35—59)



1. A device for comparing variations or departures in the facial features and outlines of a subject with those of a model, comprising a hand mirror in which an image of the face may be viewed, and having markings of the features and outlines of a model face visible on the front of the mirror, the assembly of the model features and outlines being of a size to substantially coincide with those of the face image when the mirror is held at a conventional viewing distance from the face.

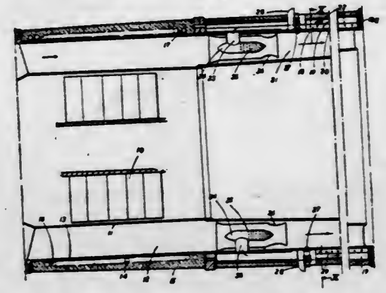
2,438,247

PREHEATING AND VAPORIZATION OF FUEL FOR INTERNAL-COMBUSTION REACTION MOTORS

Hans Knudsen, London, England

Application August 19, 1946, Serial No. 691,593
In Great Britain August 27, 1945
3 Claims. (Cl. 60—44)

1. Fuel preheating and vaporizing means for an internal combustion turbine, comprising a casing for the turbine, a helically coiled pipe surrounding the casing, and connected with a source of supply of fuel to be preheated, a combustion chamber, an annular space surrounding the combustion chamber, a blind-ended pipe in communication with one end of said helically coiled pipe and extending along the upper part of said annular space, said blind-ended pipe being perforated along its sides and permitting preheated fuel to issue therefrom and be distributed over and vaporized by the heated outer surface of the



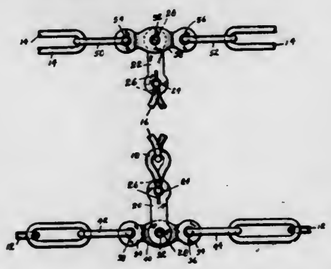
combustion chamber, a plurality of angularly spaced outlets located at one end of said annular space, and a corresponding plurality of perforated mixing nozzles adjacent said outlets, for supplying air to said combustion chamber, said nozzles being situated in said passage.

2,438,248

TIRE CHAIN LINKAGE

Harry Madison, Fullerton, Calif.

Application January 10, 1946, Serial No. 640,258
7 Claims. (Cl. 152—241)



6. In a chain assembly, two elongated chain-links each having approximately semi-circular end portions, said assembly having a chain provided with an opening at its end, a pair of juxtaposed link members, each of said members having an aperture at each of their ends, said chain-links being respectively slidably disposed through two apertures at opposite ends of said pair, a pin carried by one of said members, the other member being provided with a hole between its ends, the said end of said chain being disposed between said members, the shank of said pin being disposed through the opening of said end of said chain and through the hole of said other member, and means for maintaining said pin disposed through said aperture and said hole during operation.

2,438,249

ROLLER EXERCISING MACHINE

Frank R. Mattison, Burbank, Calif.

Application January 4, 1946, Serial No. 639,031
1 Claim. (Cl. 128—57)

A device of the character described comprising a pair of parallel side plates each including

a straight lower edge and a convexly curvilinear upper edge conforming to a portion of the human anatomy and having ears formed thereon, a stationary cylinder immovably secured between said side plates adjacent each end thereof and extending below the lower edge thereof to form a support for the device, a plurality of rotatable



cylinders having their ends journaled in said ears intermediate said stationary cylinders in conformity to the curvilinear upper edge, a hand support means formed in each side plate, and laterally extending members secured to said side plates and extending therebetween for spacing and bracing said side plates.

2,438,250

FILM-TYPE RESISTOR AND METHOD OF MANUFACTURING THE SAME

David W. Moore, Jr., New York, N. Y., assignor to Fairchild Camera and Instrument Corporation, a corporation of Delaware

Application December 8, 1944, Serial No. 567,220
16 Claims. (Cl. 201—75)



1. A resistor having a predetermined resistance-displacement characteristic comprising, an elongated form, a plurality of open circuit parallel conductors secured to a surface of said form and including aligned exposed portions adapted to be wiped by an adjustable contact, and a thin deposited high-resistance film formed directly on, bonded to, and bridging said conductors and having a tapered configuration correlated to said predetermined characteristic.

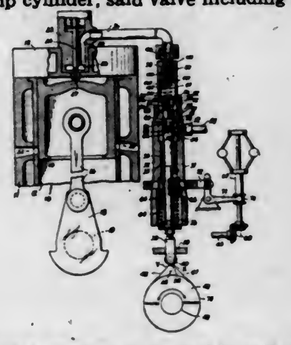
2,438,251

ENGINE FUEL SUPPLY MEANS

Tage Pedersen, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill., a corporation of Illinois

Application January 22, 1945, Serial No. 574,010
3 Claims. (Cl. 103—41)

1. In a fuel pump assembly for an internal combustion engine, a plunger type fuel pump including a fuel delivery passage extending therefrom, said pump comprising a pump cylinder in communication with said delivery passage and having a fuel inlet port, a plunger reciprocable in the cylinder, means for rotating the plunger to control the angular position thereof in the cylinder, port-control means movable with said plunger and adapted to close said inlet port at a time in the fuel delivery stroke of the plunger determined by the angular position of the latter as controlled by said plunger rotating means, said port-control means further being adapted for opening said port to the pump cylinder during the delivery stroke of the plunger and before the latter attains the end of its delivery stroke, and a control valve in said fuel delivery passage adjacent said pump cylinder, displaceable from a closed position in response to fuel-pressure delivery by the pump, whereby to open said passage to the pump cylinder, said valve including means



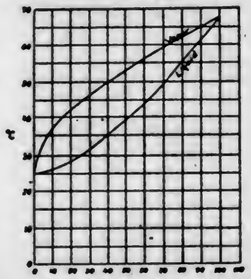
for receiving a portion of the fuel in said passage and retaining such fuel portion in isolation from the pump cylinder and from the passage beyond the valve, in the closed position of said valve.

2,438,252

PURIFICATION OF HYDROGEN PEROXIDE BY A NONCONCENTRATING DISTILLATION

Chester Northup Richardson, Youngstown, N. Y., assignor to The Mathieson Alkali Works, Inc., New York, N. Y., a corporation of Virginia

Application February 26, 1942, Serial No. 432,419
8 Claims. (Cl. 202—39)



1. The method of separating an aqueous hydrogen peroxide solution from relatively nonvolatile impurities which comprises heating the solution under vacuum at a substantially constant temperature such that a safe concentration is maintained, condensing a portion of the vapor under vacuum at a substantially constant temperature adapted to afford a condensate having a concentration of hydrogen peroxide substantially the same as that of the original impure aqueous hydrogen peroxide solution subjecting the remaining vapor to a second condensation at a lower temperature and returning the second condensate to the solution.

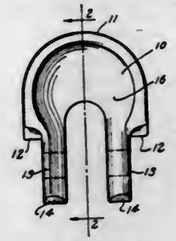
2,438,253

HEEL-SEATING PLATE

Hollis V. Shirling, Haverhill, Mass.

Application May 23, 1947, Serial No. 749,985
4 Claims. (Cl. 12—103)

1. In a device of the character described, a plate of semi-circular configuration adapted for positioning between the heel of a last and an inner sole of a shoe having a heel applied thereto, and



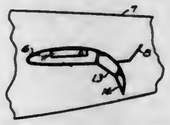
tongues extending forwardly from said plate adapted to fit between the sides of the shoe.

2,438,254

AIRCRAFT

Edward A. Stalker, Bay City, Mich.

Application August 20, 1943, Serial No. 499,391
6 Claims. (Cl. 244—42)



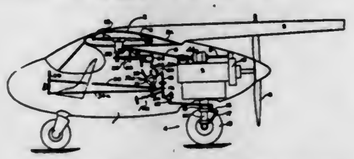
1. In combination to form a wing, a wing main body, a flap, means to support said flap on said body for adjustment to a lowered high lift position forming a highly cambered wing surface, a fuselage supported by the wing, the width of the fuselage at the wing rear portion being greater than the width at the wing front portion and progressively increasing rearwardly between said portions to create a favorable pressure gradient along the fuselage above the wing to preserve the lift of the wing portion adjacent the side surface of said fuselage, said side surface having a slot therein adjacent said rear portion of the wing, and means to induce a flow through said slot to augment said favorable pressure gradient.

2,438,255

WING LIFT CONTROL FOR AIRCRAFT

Edward A. Stalker, Bay City, Mich.

Application October 13, 1943, Serial No. 506,019
4 Claims. (Cl. 244—40)



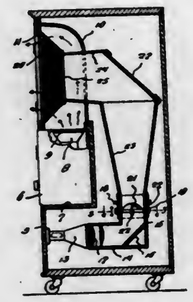
1. In combination in an aircraft having landing gear, a hollow wing, having a slot in the wing surface leading into the wing interior, boundary layer control means for increasing the lift of said wing including a blower in communication with the wing interior to induce a flow through said slot, readily controllable means for reducing the flow induced by said blower through said slot, and means responsive to the operation of said landing gear upon the landing of the aircraft for actuating said flow reducing means to reduce the flow through said slot.

2,438,256

TELEVISION CABINET

John I. Stein, Muncie, Ind.

Application April 27, 1945, Serial No. 590,645
2 Claims. (Cl. 178—5.8)



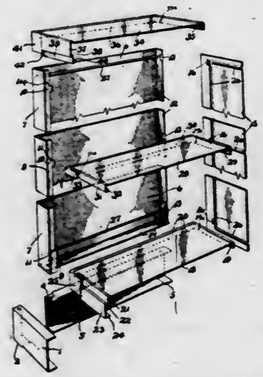
1. In combination, a generally rectangular cabinet, a receiving and amplifying unit in said cabinet between the end portions thereof disposed at the front of said cabinet, said cabinet having an opening in its front wall above said unit, a sound chamber in the cabinet behind the said opening and having communication with said unit, a picture screen mounted in said sound chamber with its edges spaced inwardly from the edges of said opening, a reticulated screen around said screen and inclined to the plane thereof to support said screen from said cabinet while passing sound waves therethrough, a television image projector in the bottom portion of said cabinet and a tubular passage connected at one end to the screen and connected at its other end to the picture receiver for projecting images from the picture receiver onto the screen.

2,438,257

KNOCKDOWN SHEET METAL CABINET

Ralph Stevenson and Isaac Nadolsky, Grand Rapids, Mich., assignors to Grand Rapids Metal Cabinet Company, Grand Rapids, Mich., a corporation of Michigan

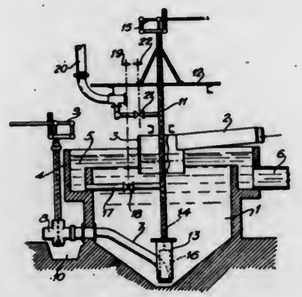
Application January 21, 1946, Serial No. 642,507
3 Claims. (Cl. 312—143)



3. In a structure as described, a base support, vertical sides of sheet metal having inturned

front and rear flanges connected to and extending upwardly from the base support at opposite sides thereof, a back of sheet metal located between said sides and at the front of the rear flanges thereof, said back having openings and said flanges having forwardly extending tongues passing through said openings, a bottom shelf, a plurality of intermediate, vertically spaced horizontal shelves and a top, all of sheet metal, said shelves and top having downturned front and rear flanges, said rear flanges being located forwardly of said back, and said front flanges on the vertical sides having rearwardly extending tongues, said flanges on the shelves being slotted for the reception of said tongues, said front flanges of the vertical sides at their inner edges having rearwardly turned terminal flanges from which said tongues of the front flanges extend rearwardly, said rearwardly turned terminal flanges having notches at the upper edges of said tongues receiving portions of the bottom and intermediate shelves.

2,438,258
PULP EJECTOR
Rupert Octavius Stokes, London, England
Application October 2, 1945, Serial No. 619,833
In Great Britain October 4, 1944
8 Claims. (Cl. 302—14)

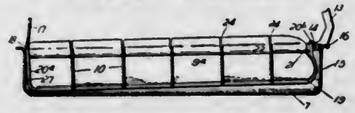


1. A pulp ejector in a vessel from which pulp is to be discharged comprising a first tubular member projecting downwards into the vessel and terminating there with an open end, a second tubular member projecting downwards within and spaced from the first and likewise terminating there with an open end, a third tubular member having an open end within and spaced from the second tubular member and having its other end arranged for the discharge of pulp outside the vessel, means for supplying water to the space between the first and second tubular members, and means for providing a pressure difference to discharge through the third tubular member the pulp teetering due to the water supplied to the space between the first and second tubular members.

2,438,259
d-LYSERGIC ACID DIETHYL AMIDE
Arthur Stoll and Albert Hofmann, Basel, Switzerland, assignors to Sandoz Ltd., Fribourg, Switzerland, a Swiss firm
No Drawing. Application April 28, 1944, Serial No. 533,264. In Switzerland April 30, 1943
1 Claim. (Cl. 260—236)

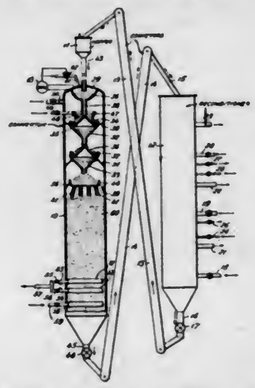
The crystalline d-lysergic acid diethyl amide, which crystallizes from benzene in prisms melting with decomposition at 80–85° C., which is difficultly soluble in water but easily soluble in methanol and in ethanol, which possesses the specific rotation $[\alpha]_D^{20}=30°$ (c=0.4 in pyridine) and which corresponds to the formula $C_{20}H_{25}ON_3$.

2,438,260
ICE TRAY AND GRID ARRANGEMENT
Richard M. Storer, Denver, Colo., assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application January 21, 1936, Serial No. 60,074
17 Claims. (Cl. 62—108.5)



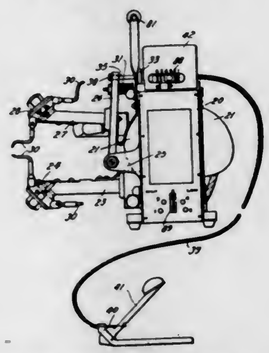
13. A unitary grid structure for disposition in a freezing tray and removable therefrom as a unit, said grid structure comprising a longitudinal wall member and a plurality of spaced apart separate and independent one-piece transverse wall members extending continuously from one side of said grid structure to the other and being interlocked with the longitudinal wall member to provide a permanent unitary structure forming ice block compartments within the tray, the mounting of said longitudinal wall member and said transverse wall members being so constructed and arranged as to permit movement of one of said members relative to another of said members in said unitary structure, and mechanism for imparting such relative movement to said wall members.

2,438,261
METHOD AND APPARATUS FOR CONVERSION OF FLUID HYDROCARBONS
Ernest Utterback, New York, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
Application July 3, 1946, Serial No. 681,223
15 Claims. (Cl. 196—52)



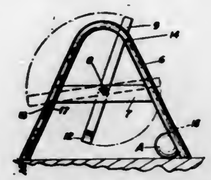
1. A method for the conversion of high boiling fluid hydrocarbons to lower boiling gaseous hydrocarbon products in the presence of a moving particle-form contact material which method comprises: introducing particle-form contact material at a suitable temperature for supporting the hydrocarbon conversion into the upper section of a confined, elongated conversion zone, passing said contact material as a substantially compact continuous stream downwardly through an upper portion of said zone in a downwardly sloping zigzag path in which it is subject to abrupt change in direction of its downward flow, directing the flow of said compact stream onto the surface of a substantially compact accumulation of contact material therebelow in said conversion zone, passing contact material from the bottom of said accumulation as a plurality of compact streams to a plurality of points uniformly distributed on the surface of a substantially compact column of said contact material maintained in said conversion zone below said accumulation, withdrawing contact material from the lower section of said column at a controlled throttled rate so as to maintain continuity of compact contact material body from the location of withdrawl to the initial point of contact material introduction into said conversion zone, spraying a high boiling liquid hydrocarbon charge onto said contact material introduced to said conversion zone at a location near the beginning of its zigzag path of travel so as to become thoroughly mixed with the contact material by the time it reaches said column within said conversion zone, passing the hydrocarbons downwardly through said column to effect the desired conversion of said hydrocarbons to lower boiling gaseous hydrocarbon products, and withdrawing gaseous hydrocarbon products separately of said contact material from the lower section of said conversion zone.

2,438,262
ELECTRIC WELDING MACHINE
Harold Gladstone Watkin, Liverpool, England
Application February 21, 1945, Serial No. 579,081
In Great Britain February 16, 1944
3 Claims. (Cl. 219—4)



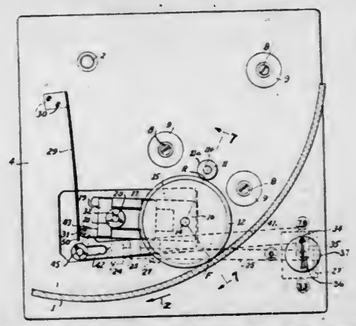
1. Switching mechanism of the type employed in connection with a welding machine of the kind specified and having a timing switch for the welding current comprising a spring-controlled cam shaft, an arm on said cam shaft, a pawl on a part of the machine-operating member which pawl moves forward with said part when the machine is operated and engages said arm and carries it and the cam shaft with it against the control spring thereof and subsequently releases said arm and permits return movement of the cam shaft under the action of its spring, a cam on said cam shaft, resilient contact means adapted to be closed by the cam on return movement of the cam shaft and means for adjusting the point of engagement of said resilient contact means with the cam so as to vary the length of time the cam closes said contact means.

2,438,263
PADDLE TARGET UNIT FOR BALL GAMES
David S. Alves, Richmond, Calif.
Application May 22, 1946, Serial No. 671,436
1 Claim. (Cl. 273—127)



A game comprising a pair of end pieces spaced one from the other, a shaft extending between said end pieces, a rod extending between said end pieces and positioned to one side of the vertical plane through said shaft and near the upper end of said end pieces, a second shaft extending between said end pieces and mounted below the horizontal plane of said shaft, paddles pivotally mounted on said shaft and having one end longer than the other, whereby said paddles will overbalance and rest against said first-mentioned rod, said second-mentioned rod being covered with a resilient material, whereby, when said paddles are forcibly moved from their normal over-balanced position, they will engage said resiliently-covered rod and tend to bounce and return to their normal position against said first-mentioned rod.

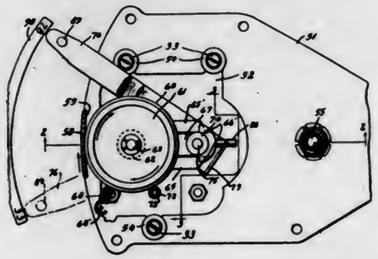
2,438,264
PHONOGRAPH DRIVING MECHANISM
Joseph Bender, Jr., Elyria, Ohio, assignor to The General Industries Company, Elyria, Ohio, a corporation of Ohio
Application April 4, 1946, Serial No. 659,531
17 Claims. (Cl. 74—190)



1. In a two-speed friction drive for phonograph turntables, a motor, a vertically extending driving shaft, said shaft provided with two different axially aligned roller portions of different diameters disposed at relatively different levels, a turntable and a frictional wheel constantly in engagement therewith and adapted to transfer torque from said shaft to said turntable, a mount upon which said friction wheel is journalled, said mount adapted for adjustment to either of the levels of the two different roller steps and adapted to be shifted laterally in opposite directions to effect engagement of said wheel with or to effect disengagement from either step which may be disposed at the level of said wheel, manually operable controlling means comprising an oscillatory handle adapted for movement and a

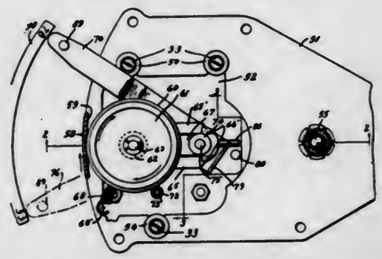
plurality of motion communicating members so interconnecting said handle and said members to adapt them for sequential idler wheel moving operations, a first of said members adapted to respond to an initial portion of the movement of said handle to move said idler wheel mount and wheel laterally outwardly to disengage the wheel periphery from the preengaged roller step, means adapting said second member to respond only to a continuing movement of the said handle means in the same direction to move said mount and idler wheel vertically from the level of said preengaged step to the level of the alternate step, in combination with spring means constantly exerting pressure on said idler wheel tending to shift said wheel laterally inwardly to effect engagement with either roller step when said idler wheel is at the level of said step, and means associated with said first member and said handle and adapted to be moved only responsive to a final continuing movement of said handle to disable said first member whereby said spring means is again effective to resiliently press said idler wheel into engagement with the roller step which is disposed at the readjusted level of said idler wheel.

2,438,265
TWO-SPEED PHONOGRAPH TURNTABLE DRIVE
Robert G. Metzner, Los Angeles, Calif., assignor to The General Industries Company, Elyria, Ohio, a corporation of Ohio
Application May 1, 1946, Serial No. 666,313
14 Claims. (Cl. 74—190)



1. The combination with a peripherally flanged phonographic turntable and a motor disposed therebelow, said motor provided with an upwardly directed power shaft upwardly formed to provide two superposed steps of different diameters disposed within the vertical limits of said flange, an idler friction wheel adapted for horizontal floating movements and vertical adjustment movements, spring means biasing said wheel horizontally towards said shaft steps and said flange, a manually operable adjustment device comprising a movable controller adjustably movable in a non-stepped path between two extreme adjustment positions, camming mechanism comprising a cam and a cam follower, said cam movable responsive to movement of said controller from an initial to an alternate adjustment position and adapted to cammingly adjustably move said cam follower so as to cause it to successively move said wheel from engagement with a preengaged shaft step, and to shift it to the plane of the alternate step, including means operative responsive to a final portion of said adjustment movement of said controller adapted to free said wheel to permit movement thereof horizontally inwardly towards, and to effect peripheral frictional engagement with said alternate step, responsive to the retractive effect of said spring means.

2,438,266
TWO-SPEED DRIVE FOR PHONOGRAPH TURNTABLES
Charles E. Ewing, Elyria, Ohio, assignor to The General Industries Company, Elyria, Ohio, a corporation of Ohio
Application March 18, 1947, Serial No. 735,461
14 Claims. (Cl. 74—193)



1. In a change speed adjustment mechanism for two-speed phonograph turntable drives of the type described, the combination with an upright motor driven roller having a pair of superposed friction driving steps of different diameters, a friction wheel rotatable on a vertical axis adapted to alternately peripherally engage and be driven by one or the other of said steps, a laterally and vertically movable mount for said wheel, a first spring continuously exerting pressure tending to move said mounted wheel towards peripheral engagement with that roller step which at the time is disposed at the same level as said wheel, means for adjusting said wheel mount laterally beyond said steps and from the level of either of said steps, said adjustment means comprising a laterally movable cam element adapted to be moved laterally in a continuous uniform path, a projection of said wheel mount being disposed in the path of movement of said cam element and affording a cam follower therefor, and a relatively stationary abutment member having an upwardly extending guide surface presented toward said cam-follower and being so disposed as to be engageable by said follower when moved by said cam element, said cam element being so formed as to provide a follower-engaging surface comprising a pair of relatively upper and lower substantially horizontal lands which are relatively transversely interspaced, and a substantially steeply inclined cam surface extending between most nearly adjacent ends of said lands, a second spring constantly exerting pressure tending to move said mount in a single vertical direction, and said mount projection interchangeably adjustable by opposite lateral adjustment movements of said cam element to make pressure engagement with either of said lands responsive to pressure of said second spring, and said follower upon movement of said cam in at least one lateral direction of movement adapted to be simultaneously engaged on its two sides by relatively converging portions of said cam and guide surfaces whereby continued adjustment movement of the cam element against said follower is effective to force said follower and said mounted wheel to a different level against the opposing pressure of said second spring.

2,438,267
GRAPHITIC STEEL
Frederick R. Bonte, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
No Drawing. Application March 23, 1942, Serial No. 435,842
4 Claims. (Cl. 75—128)

3. Alloy steel containing about 1 to 2 per cent of carbon, about 0.25 to 1 per cent of chromium, about 0.75 to 1.5 per cent of manganese, about 0.25 to 1 per cent of molybdenum, about 1.5 to 2.5 per cent of nickel, about 0.75 to 1.25 per cent of silicon, and the remainder effectively iron, and characterized by capability of being hot worked and of producing upon heat treatment austenitic-martensitic structures containing graphitic carbon and spheroidized carbides dispersed finely through the structure.

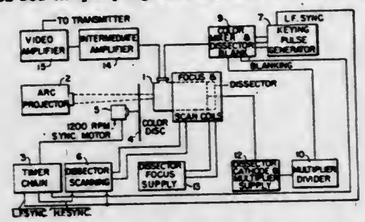
2,438,268
FLEXIBLE BRISTLE HEAD TOOTHBRUSH
Louis R. Bressler, Southampton, Mass.
Application June 3, 1946, Serial No. 673,985
1 Claim. (Cl. 15—167)



A toothbrush construction comprising in combination, an integral handle portion having a bristle portion at the outer end thereof made from relatively yieldable material, said bristle portion including a plurality of bristle sections spaced apart longitudinally of the toothbrush and connected together by spaced connectors extending between adjacent bristle sections and the innermost section and handle whereby said handle and bristle sections are integral and the sections and handle are relatively yieldable, a flexible member within the handle portion adjacent the bristle sections and extending through said connectors and bristle sections so as to be concealed thereby, and bristles secured to said bristle sections.

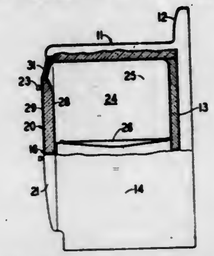
2,438,269
COLOR TELEVISION SYSTEM
John A. Buckbee, Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation, a corporation of Indiana
Application February 20, 1942, Serial No. 431,645
8 Claims. (Cl. 178—5.2)

1. In a television system, means for forming optical images representative of individual, primary colors in an image, means for generating electrical signal groups each of which is representative of an individual, primary color in the image; means associated with said generating means comprising successive electron-multiplier stages for amplifying said signals; and means for



sequentially controlling the gain in said multiplier in synchronism with said signal groups.

2,438,270
WINDOW FOR COOKING RANGE OVEN DOORS
Mervin F. Cotes, East Lansing, Mich., assignor to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan
Application November 8, 1944, Serial No. 562,424
2 Claims. (Cl. 126—200)

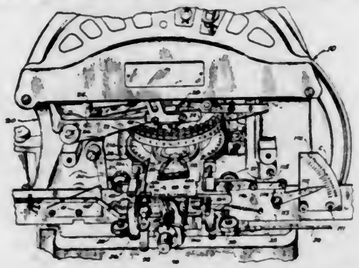


2. A cooking range including, in combination, a top wall, means including a plurality of substantially vertical walls forming a compartment below said top wall, one of said vertical walls being provided with an access opening of substantially the full height and width of said compartment, a door for closing said opening comprising spaced inner and outer panels, said inner and outer panels being substantially uniformly spaced from each other throughout the lower portion of the door, the outer panel being inclined upwardly and toward the inner panel adjacent the upper extremity of the door, the inner panel being inclined upwardly and toward the outer panel in a zone adjacent to and below the inclined portion of the outer panel, said door being provided with an inspection opening in the portion of the door including the inclined portion of the outer panel, and a transparent closure for said opening.

2,438,271
APPARATUS FOR INDENTING CHARACTERS IN MEDALS AND THE LIKE
Franklin E. Curtis, Willoughby, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del., a corporation of Delaware
Application February 6, 1946, Serial No. 645,887
14 Claims. (Cl. 197—6.6)

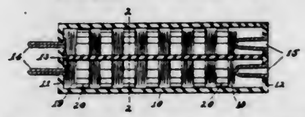
1. In an apparatus for indenting type characters so as to form names and other data in the surface of a medal or the like, means for supporting and traversing such a medal or the like comprising a reciprocable carriage mounted for character spacing movement with relation to said operating position, a cross slide mounted on said

carriage for line spacing movement relative to said carriage, a shiftable stop arm mounted on said carriage, spring means urging said arm in one direction toward one position, manually operable means for moving the arm in the opposite direction, a work holding plate having supporting and positioning means thereon to receive and hold a selected medal or the like of a predetermined form in a predetermined relation on said



plate, means on said cross slide for releasably securing said plate in a predetermined relationship thereon, an abutment block having a plurality of shoulders and mounted on said plate for cooperation with said stop arm and so disposed on said plate that said shoulders may cooperate with said stop arm to accurately locate each line spacing position of such a selected medal or the like with respect to the predetermined configuration of such selected medal or the like.

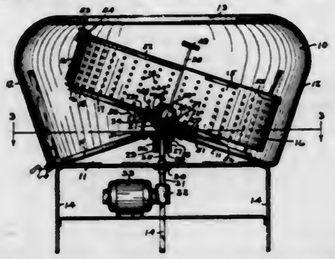
2,438,272
STATIC ELIMINATOR FOR RADIO RECEIVING SETS
Darnell Asbery Dance, Salem, Ark.
Application February 28, 1947, Serial No. 731,631
6 Claims. (Cl. 201—63)



6. In a resistor for reducing static interference in radio signal receiving sets, the combination with a hollow casing having circuit terminals at its ends, of a series of resistance units each composed of laminated and pleated foil strips loosely folded and extending with their pleats crosswise of the casing and in spaced relation in the casing, those at the ends contacting said terminals, other similar formed units extending with their folds disposed longitudinally of the casing and interposed between the first mentioned units and contacting them edgewise.

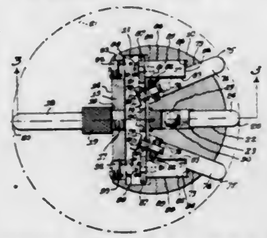
2,438,273
WOBBLE BASKET WASHING MACHINE
James A. Eastes, Mount Comfort, Ind.
Application August 29, 1945, Serial No. 613,312
11 Claims. (Cl. 68—152)

1. In a washing machine having a tub and a perforate basket therein, means for wobbling the basket comprising a central basket support ball on which the basket may universally pivot; said basket having an annular member therearound; a member extending from said support slidingly engaging said annular member; gear means intermeshing between said tub and said basket restraining the basket against circumferential travel; and means for revolving said support to carry said engaging member therewith; said extending member and said annular member being



disposed and interengaged to hold the axis of the basket at an angle to the axis of revolution of said ball to progressively tilt said basket in relation to said tub.

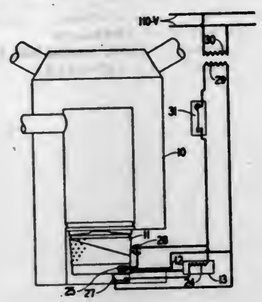
2,438,274
INTERNAL BORE GAUGE
Andrew Eisele, Detroit, Mich.
Application October 19, 1945, Serial No. 623,199
4 Claims. (Cl. 33—178)



4. In a gauge, a head, a stationary measuring pin and a movable measuring pin mounted in alignment in said head, a pair of movable notched locating pins arranged at an acute angle on opposite sides of said movable measuring pin, a measurement indicator operatively connected to said movable measuring pin, and a pair of spring-loaded plungers mounted in said head obliquely to said locating pins with their outer ends engaging said notches and urging said locating pins outwardly relatively to said head.

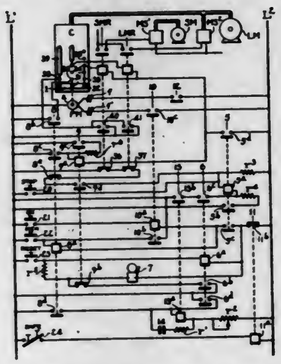
2,438,275
FUEL SUPPLY CONTROL MEANS FOR COMBUSTION APPARATUS
Raymond E. Fell and John W. Miller, Lansing, Mich., assignors to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan
Application October 25, 1943, Serial No. 507,524
2 Claims. (Cl. 158—28)

1. Fuel supply control means for combustion apparatus including a pot-type liquid fuel burner having a bottom wall adapted to serve as a fuel receptacle, comprising in combination, an electrical fuel ignition unit is said burner, said unit comprising an electrical heating element in heat exchange relation with the bottom wall of the burner, means including an adjustable fuel metering device for supplying liquid fuel to the burner, a motor associated with said metering device adapted to move the latter from opened to fully closed position, a circuit for said motor including a thermostatic switch mounted exteriorly of the burner bottom wall adjacent said heating element and in heat exchange relation with said burner bottom wall, said switch being adapted to open or close said motor circuit when



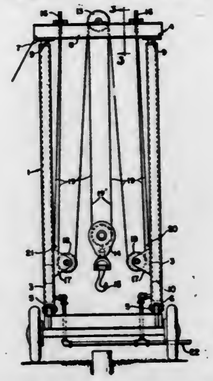
the temperature of the burner bottom wall adjacent the switch falls below or exceeds, respectively, a predetermined temperature.

2,438,276
CONTROLLER FOR MOTOR-DRIVEN PRINTING PRESSES AND OTHER MACHINES
Cyril P. Feldhausen, Wauwatosa, and Robert M. Lommen, Milwaukee, Wis., assignors to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application June 27, 1946, Serial No. 679,836
9 Claims. (Cl. 318—490)



1. In a controller for motor driven printing presses and other machines, in combination, manual control means requiring a given operation preparatory to starting and further manual operation to effect starting, a signal device for warning of starting, and means rendering said signal device effective upon preparatory operation of the first mentioned means, and normally rendering starting by further operation of the first mentioned means subject to a given time delay after initiation of signaling, the second mentioned means comprising a relay which in response to preparatory operation of the first mentioned means moves to a given position subject to a time element affording the aforementioned time delay and which when released has a time element incident to moving out of such given position thereby to enable for a transient period under given conditions restarting by the first mentioned means subject to signaling but quicker than is otherwise possible.

2,438,277
OIL WELL MAST
Roy E. Fife and Roy E. Fife, Jr., Long Beach, Calif.
Application January 3, 1945, Serial No. 571,178
1 Claim. (Cl. 254—139.1)



In a portable mast mounted on a transporting vehicle and having the form of a structural bent including hollow legs: a hydraulic strut telescopically mounted in each leg; a crown member connecting the struts together; hydraulic means adapted to effect outward movement of the struts with respect to the hollow legs; a double sheave member mounted on the crown member; a single sheave type pulley at each side of the double sheave pulley, said single sheave pulley lying transversely of the crown and at right angles to the double sheave pulley; a single sheave pulley operably attached to each leg, said pulleys having their major plane parallel to that of the double sheave and perpendicular to the planes of the first mentioned single sheave; a continuous cable led from a dead end anchorage on each leg around each of the first mentioned single sheave pulleys, thence around each of the second single sheave pulleys, thence around the respective sheaves of the double sheave pulley and depending therefrom in a loop; and a traveling block having a sheave supported by the loop portion of the cable.

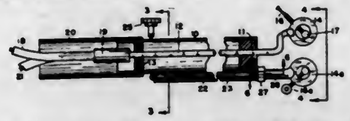
2,438,278
METHOD FOR AZEOTROPIC DISTILLATION OF ACETIC ANHYDRIDE
Charles H. Fisher, Abington, Pa., and Martin L. Fein, Riverside, N. J., assignors to the United States of America as represented by the Secretary of Agriculture
No Drawing. Application June 29, 1944, Serial No. 542,790
10 Claims. (Cl. 202—42)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

7. In the process of purifying methyl alpha-acetoxypropionate contaminated with acetic anhydride, the steps comprising adding ethylcyclohexane, followed by distillation thereof.

2,438,279
ELECTRODE HOLDER
James D. Forney, Fort Collins, Colo.
Application June 24, 1946, Serial No. 678,789
3 Claims. (Cl. 219—8)

1. A welding electrode holder, comprising a tubular handle, a conductor extending there-

through, means for spacing and electrically insulating the conductor from the handle, the handle forming the other conductor, a rod-like conductor secured to the handle for rocking motion about an axis parallel with the axis of the handle, the first conductor having its front end provided with means for clamping and supporting an electrode, in angular relation to the axis of the handle, the rockable conductor having its front end provided with an electrode clamp, the other end of the rockable conductor being bent laterally and curved about a portion of the outer surface of the handle, forming a lever for rocking the conductor and electrode clamp with respect to the other electrode clamp.

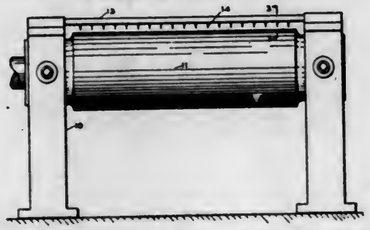


2,438,280
STOCKING HEEL PROTECTOR
Florence L. Gailey, Los Angeles, Calif.
Application November 21, 1945, Serial No. 629,973
1 Claim. (Cl. 36—55)



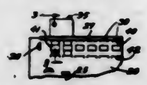
The combination with a stocking heel protector formed of thin, soft material and comprising a bottom and an upright wall having its lower edge secured to the side and rear edges of said bottom of a reinforcing member of thin flexible plastic material secured to the outer face of the upright wall of the rear portion of said protector and a narrow strip of plastic material integral with the lower edge of said reinforcing member, which strip extends forwardly beneath and is secured to the under face of the bottom of said heel protector and which reinforcing member and strip are provided with smooth finished outer surfaces.

2,438,281
METHOD FOR PROCESSING PLASTIC SHEETS
Sheldon Gordon, Madison, Wis., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War
Application December 10, 1945, Serial No. 634,044
2 Claims. (Cl. 18—48)



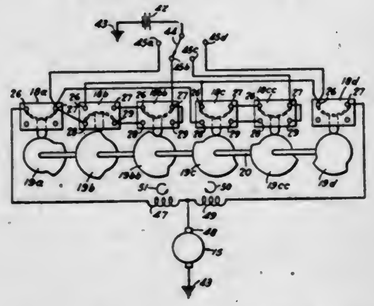
1. In the process of rolling an ignitable colloidable material, wherein protruding bubbles are undesirably formed and present a potential ignition hazard if compressed between the rolls, the improvement which comprises rupturing and deflating the bubbles reaching a predetermined height before entry into the bite of the rolls.

2,438,282
INDEX TAB FOR PRINTING DEVICES
John H. Gruver, East Cleveland, and Carl J. Hueber, Euclid, Ohio, assignors to Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware
Application August 24, 1942, Serial No. 455,900
6 Claims. (Cl. 129—16.8)



1. A tab for use with printing and like devices including a relatively flat body formed from sheet material and having a pair of mounting stems formed integrally with the body and projecting in substantially parallel relation from one edge of said body, said stems being adapted for insertion into adjacent mounting sockets on a printing or like device to support said body in projecting relation upon a printing or like device, at least one of said stems having a latch element formed thereon for cooperation with a part of a printing or like device to hold the tab removably in position on a printing or like device, said body having a portion thereof cut away to impart digital significance to said tab in accordance with a predetermined digtal code, and abutment means formed on said tab for engagement with a part of a printing or like device to prevent completion of a mounting operation when said tab is positioned relative to a printing or like device in other than in a predetermined manner.

2,438,283
SWITCHING SYSTEM
Louis Hegy, Burbank, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application January 13, 1945, Serial No. 572,644
5 Claims. (Cl. 318—33)



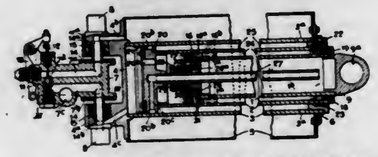
1. In a system of the type described, a member to be moved in either direction past an intermediate station in a predetermined position and means for moving it comprising: a reversible driving motor having two circuits for rotating it in opposite directions respectively; a pair of switches associated with said station for controlling stopping of said member at said station, each switch having first contacts which it closes in a first state and having second independent contacts which it closes in a second state; means for successively actuating the two switches of each pair from their first to their second states as said member moves through the associated station in one direction and for successively actuating them in inverse sequence from their second to their first states as said member moves through the associated station in the opposite direction; a current source; and means including a master selector switch for connecting the first contacts of said two switches in series with said source and one of said motor circuits and connecting the second contacts of said two switches in series with said source and the other motor circuit; whereby one motor circuit is energized when both switches are in said first state, the other motor circuit is energized when both switches are in said second state, and neither circuit is energized through said two switches when they are in opposite states.

2,438,284
VEHICLE WHEEL
Harry J. Horn, Lansing, Mich., assignor to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan
Application October 14, 1943, Serial No. 506,163
5 Claims. (Cl. 152—99)



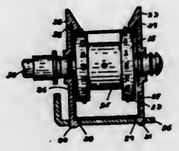
1. A vehicle wheel comprising radially spaced concentric rim members, a plurality of coiled compression springs positioned between said rims, the axes of adjacent springs being oppositely inclined to the plane of said wheel, and universal pivotal connections between the ends of said springs and said rims, said springs when fully compressed being greater in length than the radial distance between said pivotal connections whereby excessive lateral stress on one of said springs causes alternate springs to fully compress and act as an unyielding link between said rims which limits the relative lateral displacement of said rims.

2,438,285
TELESCOPIC HYDRAULIC JACK
Robert Houldsworth, Breightmet, Bolton, England
Application February 2, 1945, Serial No. 575,841
In Great Britain December 1, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires December 1, 1963
6 Claims. (Cl. 60—52)



6. A hydraulically operated telescopic jack, comprising a hollow ram, a cylinder, a fluid supply reservoir connected to said cylinder, a pressure relief chamber in said hollow ram, a spring-closed relief valve adapted to normally seal said chamber and adapted to open at excessive pressure, a return duct anchored at an end to the inner end of said cylinder in which the ram slides, said duct being connected to said chamber and to said reservoir to return fluid to the reservoir a packing gland mounted in said hollow ram, said duct extending through said gland into the interior of the ram and maintaining sliding connection with said chamber throughout the full stroke of the ram, and abutment means adapted to limit the outward stroke of the ram under operating pressure, whereby at the end of said stroke an excessive pressure increase serves to open said relief valve, so as to permit escape of excess fluid into said relief chamber.

2,438,286
FILM RETAINER
John Eugene Huber, Cincinnati, Ohio, assignor to Illinois Watch Case Co., Elgin, Ill., a corporation of Illinois
Application September 11, 1945, Serial No. 615,563
5 Claims. (Cl. 271—2.3)



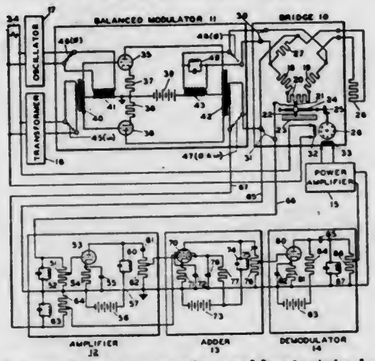
4. Film sprocket mechanism comprising: a sprocket wheel; a mounting therefor; film retainer guide members having portions extending toward each other and provided with film retainer surfaces disposed over the marginal portions of said wheel; mountings for said members; and a substantially U-shaped spring having portions bearing against said guide members to hold said portions flexibly adjacent said sprocket for the purposes set forth.

2,438,287
FISHING REEL
Adam Hypnarowski, Buffalo, N. Y.
Application January 3, 1946, Serial No. 638,798
1 Claim. (Cl. 242—84.1)



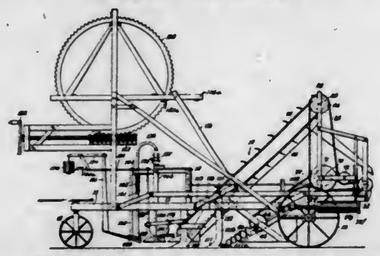
A fishing reel comprising a spool having an inner disk and an outer disk in spaced relation to said inner disk, separator means securing said disks in spaced relation, a centrally arranged bearing sleeve having an outwardly extending mounting flange located near its longitudinal center, said inner disk being mounted upon one end of said bearing sleeve and attached to said mounting flange, a hub sleeve having one end mounted upon said bearing sleeve and its opposite end bearing against said outer disk, and an anti-friction bearing mounted within said bearing sleeve, a bracket for supporting said spool, and means for mounting said bearing upon said bracket.

2,438,288
APPARATUS FOR DETERMINING BALANCE IN AN ELECTRICAL NETWORK
Abraham Walter Jacobson, New Haven, and Elliott M. Whitney, Woodbury, Conn., assignors to The Bristol Company, Waterbury, Conn., a corporation of Connecticut
Application January 3, 1945, Serial No. 571,176
15 Claims. (Cl. 318—28)



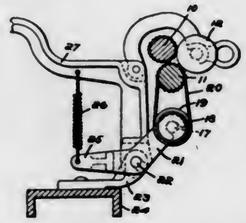
1. In combination, a balanceable electrical network comprising a plurality of branches and a bridge arm interconnected therewith to have between its terminals a potential dependent upon the degree of electrical unbalance existing among said branches, two sources of alternating potential one having a relatively high frequency and the other comprising side bands derived from said frequency as a carrier modulated by a relatively low frequency, means for applying potential from one of said sources to said network, means for mixing potential from the other of said sources with potential from said bridge arm to produce a mixed voltage, together with demodulating means to retrieve from said mixed voltage a component having said relatively low frequency and of amplitude and phase position depending upon the condition of balance in said network.

2,438,289
BEET HARVESTING MACHINE
Lawrence Barayuga Karaang, Santa Maria, Calif.
Application September 8, 1943, Serial No. 501,525
1 Claim. (Cl. 55—107)



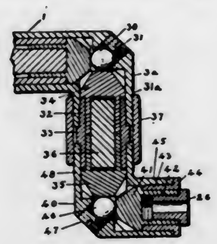
A beet harvester consisting of a member adapted to slide over the tops of beets to press them downwardly, a weighted beam having connection with said member to vary its pressure on the beet tops, a conveyor for removing severed beet tops, a rotary cutter arranged between the lower end of the conveyer and the member, means for rotating the cutter, and a spring having connection with the member and the cutter to hold the same downwardly.

2,438,290
SCAVENGER ROLL MECHANISM
John A. Kooistra, North Andover, Mass., assignor to Davis & Furber Machine Company, North Andover, Mass., a corporation of Massachusetts
Application June 4, 1947, Serial No. 752,412
5 Claims. (Cl. 57—34.5)



4. In a yarn forming frame provided at spaced intervals with sets of horizontally alined cooperating drawing rolls including a common horizontal driven shaft therefor the combination of a stub shaft having free ends, a frusto-conical scavenger roll mounted on each end of the stub shaft, a belt extending around the central portion of the stub shaft and the driven drawing roll shaft between said adjacent sets of drawing rolls, a bearing bracket having bearings for the stub shaft at opposite sides of the belt and between the belt and the larger ends of the scavenger rolls and pivotally mounted on the frame beneath and parallel to the drawing rolls to position the scavenger rolls respectively beneath adjacent sets of drawing rolls, and a spring between the bearing bracket and the frame acting to tension the belt.

2,438,291
ANGLE DRIVE CONSTRUCTION
Charles A. Koza, Pittsburgh, Pa.
Application April 13, 1943, Serial No. 482,874
6 Claims. (Cl. 74—423)



2. In an angle drive the combination of a tubular housing having the form of an elbow with a chamber in each end of the elbow, a second elbow also having two chambers, an internal sleeve connecting the adjacent chambers of said elbows, a collar on said sleeve, which is engaged by the adjacent ends of the chambers and by which the chambers are spaced apart, an external sleeve making threaded engagement with the two adjacent chambers and coupling them together, a first and second bevel gear mounted to rotate in the first elbow, a third and fourth bevel gear mounted to rotate in the second elbow, and means for connecting the second and third bevel gears together so that the first bevel gear drives the second, third and fourth bevel gears.

2,438,292
MEANS TO FLARE TUBE ENDS AND TO PREVENT THEIR RUPTURE
William L. Linker, Warwick, and James R. Welshman, Cranston, R. I., assignors to Grinnell Corporation, Providence, R. I., a corporation of Delaware
Application January 29, 1946, Serial No. 644,110
5 Claims. (Cl. 153—79)



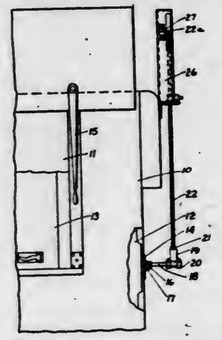
1. Means for flaring tubing having a longitudinal seam, comprising a flaring tool having a shank fitting within the tubing, having a flaring surface to form the flare on the tubing and having a head adapted to be acted upon to force the flaring surface within the tubing; and a dished-shaped washer having a hole corresponding in size to that of the shank of the flaring tool and having a ring disposed outwardly at an angle to the axis of the washer; the washer being initially placed on the shank of the flaring tool with the inner edge of its ring resting on the edge of the tubing and acting thereafter while the tubing is flared to maintain a resisting force on the tubing to prevent opening-up of the said longitudinal seam; said washer being expanded simultaneously with the flaring of the tubing so as to be removable upon the completion of the flaring operation.

2,438,293
MEANS FOR BOTTOM HOLE ORIENTATION
Herman G. Livingston, Houston, Tex., assignor, by direct and mesne assignments, to Eastman Oil Well Survey Company, Denver, Colo., a corporation of Delaware
Application July 12, 1943, Serial No. 494,315
15 Claims. (Cl. 255—1.6)



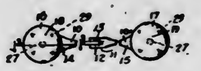
7. The combination with a whipstock comprising an elongate wedge-shaped body whereby an inclined guide face is formed, said body having a longitudinal bore with its lower end open, of a well survey instrument insertable within said bore, co-acting means on said instrument and within the bore of the body for non-rotatably maintaining the instrument in a predetermined position with respect to the inclined face of the whipstock, and a removable closure for retaining the instrument therein.

2,438,294
POSITION INDICATOR FOR CYLINDER DOORS
Albert Matthews, Cincinnati, Ohio, assignor to The American Laundry Machinery Company, Norwood, Ohio, a corporation of Ohio
Application December 16, 1944, Serial No. 568,449
4 Claims. (Cl. 116—124)



1. A device for indicating the angular position of the rotatable door closed drum of a washing machine including a door closed casing enclosing the drum and a shaft supporting the drum and extending to the outside of the casing, said device comprising a crank adapted for attachment to one end of the shaft, a rod pivotally connected at one end to said crank, and means for supporting said rod intermediate its ends for both sliding and pivoting motion, whereby the other free end of the rod travels in an endless elliptical path and by its position in said path indicates the position of the drum door relative to the casing door.

2,438,295
CLIP FOR FORMING NECKTIES
Harley Walker Morden, Toronto, Ontario, Canada, assignor of fifty per cent to Harry H. Gies, Toronto, Ontario, Canada
Application August 11, 1944, Serial No. 549,040
1 Claim. (Cl. 2—152)



A clip for neckties designed to underlie a tie and to be partially concealed thereby and to hold an unknotted tie in fixed simulation of a knotted tie and comprising: a pair of arms, a tongue formed on one end of one arm, a fork formed on one end of the other arm and adapted to receive said tongue, a screw passing through said fork and said tongue whereby said arms are pivotally connected, thread means in one of the prongs of said fork to mate with the threads of said screw, the head of said screw and the other prong of said fork including means for frictionally re-

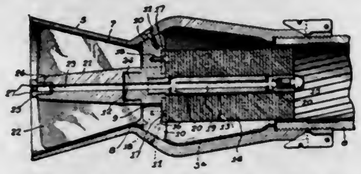
straining said screw in said latter prong, said screw creating friction between said tongue and said prongs when tightened, a pair of pin-like members projecting substantially at right angles from the opposite ends of said arms and designed to project towards one another to grip a portion of said tie when the arms are swung together whereby to secure opposed portions of the tie to simulate a knot.

2,438,296
COVER ON TAKE-UP ROLL FOR LOOMS
Ernest Nassimbene, Denver, Colo., assignor to Gates Rubber Company, Denver, Colo., a corporation of Colorado
Application June 1, 1945, Serial No. 597,015
1 Claim. (Cl. 139—307)



A rubber covering for takeup rolls having a diameter D comprising, a strip of a uniform width w, the ends of the strip being oppositely tapered commencing at diagonally opposite corners, the length of the tapered edges being πD, one surface having spaced ridges perpendicular to the inclined edges of the tapered sections, whereby when the strip is wound about a roll with the inclined edges lying in planes perpendicular to the axis of the core, the ridges will be parallel with the axis of the core.

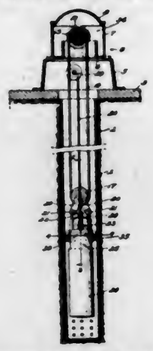
2,438,297
RECOILLESS GUN
Winslow B. Pope, Detroit, Mich., assignor, by mesne assignments, to United States of America
Application April 5, 1944, Serial No. 529,577
1 Claim. (Cl. 89—1.7)



In a recoilless gun having a casing provided with a pressure developing chamber and a coaxial Venturi passage leading from said chamber, a spider element fixed within said chamber in advance of said passage and having a threaded boss-like portion coaxial with said passage, and a one-piece vaned member having a rigid post coaxial with said passage and a plurality of vanes integral with said post, said vanes extending outwardly from said post and being disposed at an angle relative to the axis of said post and said post having a threaded connection with said boss-like portion.

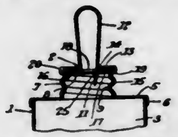
2,438,298
LIQUID ELEVATING APPARATUS
Jesse C. Reed, Dayton, Ohio
Application June 29, 1946, Serial No. 680,410
5 Claims. (Cl. 103—72)

1. Apparatus for elevating liquids from underground wells, comprising a housing arranged substantially at ground level above such a well, a driving pulley rotatably mounted in said housing, a continuous belt having its upper portion passing around said pulley, a second pulley disposed in the well and around which the lower portion of said belt passes, a weight arranged below said second pulley, lever arms pivotally carried by



said weight, devices carried by said arms at their lower ends adapted for engagement with the sides of the well, and means linking said arms at their upper ends with said lower pulley.

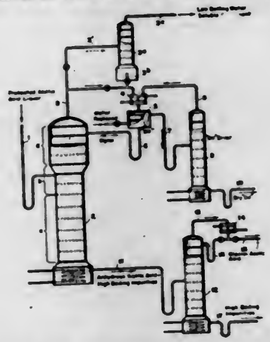
2,438,299
INFANT'S FORMULA CAN AND CAN OPENER AND NIPPLE ATTACHMENT
Walter Relis, Lomita, Calif.
Application July 1, 1946, Serial No. 680,819
1 Claim. (Cl. 215—11)



In combination, a can containing a liquid, which can is formed with a threaded spout closed by an end wall, a can opener and nipple attachment formed with a threaded cap, a blade and a nipple, which cap is screwed on said threaded spout to cause said blade to cut an opening in said spout end wall, through which opening the liquid may flow from said spout into said nipple, said cap being provided with an opening in its top wall through which opening extends the inner end of said nipple, which end of said nipple is formed with an external flange extending under said top wall of said cap, and a blade disc provided with an opening therein, on which disc the can opener blade is formed at the edge of said disc opening, said cap being crimped under said blade disc for securing said blade disc in said cap, and clamping said nipple flange between said disc and the top wall of said cap, for securing the inner end of said nipple in said opening in said top wall of said cap.

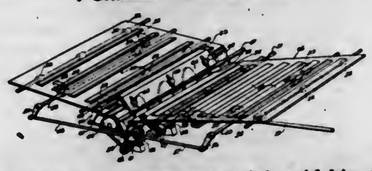
2,438,300
PROCESS FOR THE PURIFICATION OF ACETIC ACID BY AZEOTROPIC DISTILLATION
Lester E. Schniepp, Peoria, Ill., assignor to the United States of America as represented by the Secretary of Agriculture
Application April 7, 1944, Serial No. 530,071
3 Claims. (Cl. 202—42)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In a continuous process for separating acetic acid from the liquid condensate mixture obtained from the pyrolysis of 2,3-butylene glycol diacetate, continuously adding water to the liquid condensate mixture in an amount corresponding to 15 to 30 percent of the mixture, continuously distilling off the water-azeotropes of the esters, ketones, and hydrocarbons present in said liquid condensate mixture, continuously separating the condensed and stratified water-azeotropes, into



water and organic liquid components, continuously returning the water for reutilization in adding to more liquid condensate mixture, and continuously dehydrating the esters, ketones, and hydrocarbons by continuously distilling from them the azeotropes formed with the water remaining dissolved, or mechanically suspended, in them on stratification in a continuous separator.

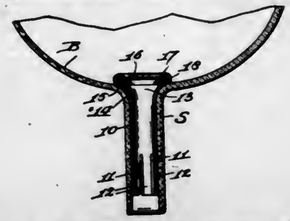
2,438,301
MIXING AND SELF-UNLOADING FARM TRUCK
James A. Schulte, Sperry, Iowa
Application March 16, 1945, Serial No. 583,158
7 Claims. (Cl. 259—45)



1. A bin for receiving material, said bin comprising sloping converging bottoms, means for vibrating said bottoms toward and from the convergence thereof, sloping projections on and secured to the upper faces of the bottoms to agitate and push the material toward said convergence in the vibration of said bottoms, a conveyor at the convergence of said bottoms to receive and carry the material therefrom to the outside of the bin, and power means to simultaneously operate said bottoms and conveyor.

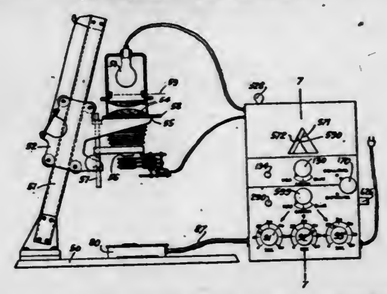
2,438,302
PERCOLATOR BOWL STRAINER
Matt Simcich, Los Angeles, Calif.
Application May 14, 1946, Serial No. 669,643
1 Claim. (Cl. 210—162)

A strainer for percolator bowls having depending tubular stems, comprising a tube of such size and shape as to fit snugly within the depending stem of the bowl, the upper end of said tube being flared so as to fit snugly on the curved shoulder between the bowl and its stem, an externally threaded flange projecting upwardly from the flared upper end of said tube, a screen resting on top of said threaded flange and an internally



threaded ring screw seated on said flange and overlying the edge of said screen.

2,438,303
DEVICE FOR MAKING COLOR PRINTS
Alfred Simmon, Jackson Heights, N. Y., assignor to Simmon Brothers, Inc., Long Island City, N. Y., a corporation of New York
Application February 28, 1947, Serial No. 731,435
15 Claims. (Cl. 88—24)

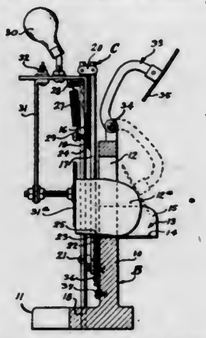


1. A device for making color prints, comprising means to support a test print made on color print material and containing in systematic arrangement numerous areas representing different combinations of three primary colors in varying intensities, a printer including a source of light, a support for transparencies from which prints are made, and a support for said color print material on which said prints are made, said transparencies including records of the respective intensities of three primary colors, means to measure said recorded intensities of light of said three primary colors passing selected points of a transparency, means to adjust the exposure time to which said color print material is subjected, means to compute from said measured light intensities and from said exposure time a set of three values of foot-candle-seconds for each selected point of said transparency, and means to locate on said test print areas exposed to substantially the same three values of foot-candle-seconds as obtained by said computing means, whereby the rendition of selected points of said transparency on said color print material under the chosen light and time conditions can be predicted before a print is made.

2,438,304
SLICING DEVICE WITH A VERTICALLY RECIPROCATING CUTTER
Charles Lloyd Slingerland, Niagara-on-the-Lake, Ontario, Canada
Application December 13, 1946, Serial No. 716,019
5 Claims. (Cl. 146—158)

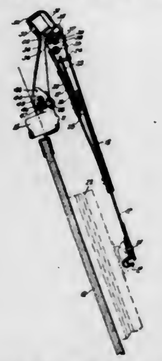
1. In a chopper of the class described a frame, a blade, guides spaced apart to guide the blade

between them in a reciprocating movement, the guides on one side of said blade being rigidly mounted on said frame, pivotal connections connecting said rigidly mounted guides to the guides on the opposite side of said blade adjacent the free end of the rigidly connected guide, a ledge to hold the material to be chopped rigidly connected to said latter mentioned guides said ledge having an edge adapted to coact with said blade as it reciprocates between said guideways to shear



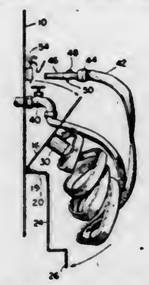
off the portion of the material being chopped which overhangs said ledge in the path of said blade, said guides carrying said ledge being connected to said rigidly connected guides beyond said pivotal guide connections so that as pressure is exerted on said ledge by the blade through the material being chopped, said guides carrying said ledge will move towards said rigidly connected guides to cause said blade to coact with the edge of said ledge to make a sharp cut.

2,438,305
WINDSHIELD WIPER ARM
Theodore J. Smulski, Gary, Ind., assignor to Productive Inventions, Inc., a corporation of Indiana
Application January 16, 1942, Serial No. 426,936
17 Claims. (Cl. 15—255)



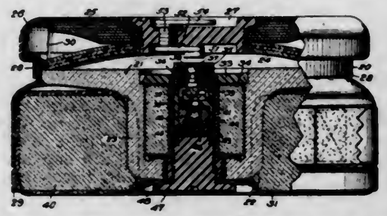
10. A windshield cleaner adapted for mounting in a support adjacent a windshield, comprising a drive shaft, an offsetting member fixed to the shaft and extending radially therefrom away from the windshield, the outer end of the offsetting member having an arm engaging head and a wiper arm having a mounting section with a socket receiving such head and a wiper carrying section pivotally connected to the mounting section above the drive shaft and extending across the axis of the latter for actuating a wiper in an arcuate path about the axis.

2,438,306
HOSE STORAGE REEL
Benjamin F. Souther, Seattle, Wash.
Application May 6, 1946, Serial No. 667,628
7 Claims. (Cl. 242—86)



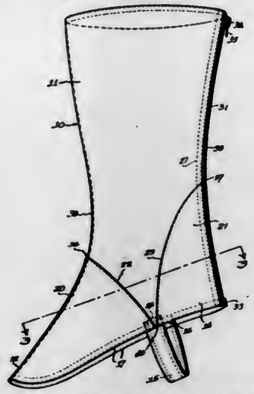
7. A dumpable hose storage reel, comprising: a hub rotatably mounted to turn about a horizontal axis, a plate forming an outer flange for said hub and having a lower hinge mount transverse the axis of said hub, a latch slidably mounted opposite said hinge and adapted to engage said plate upper edge to normally retain it upright, said slidable latch being adapted to receive a latch pin, and camming means on said latch pin operable upon said latch when the latch pin is being removed from association therewith to move said latch to the unlatched position whereupon said plate may move and the hose may fall away from said hub.

2,438,307
NONMETALLIC MINE
John J. Taylor and Paul M. Ross, Wadsworth, Ohio, assignors to The Ohio Brass Company, Mansfield, Ohio, a corporation of New Jersey
Application January 10, 1946, Serial No. 640,247
4 Claims. (Cl. 102—8)



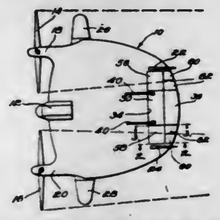
2. In a non-metallic explosive mine, a non-metallic frame member, a non-metallic belleville spring positioned on the upper surface of said frame member, a non-metallic operating plate associated with the upper surface of said spring, and tape means retaining said operating plate and belleville spring in association to prevent separation thereof, said operating plate having a lower surface curved to bring only the center thereof in contact with said spring at no load condition, said spring and said operating plate being constructed and arranged to have a rolling contact which moves radially outwardly of the mine towards the applied force when an edge load is applied to said operating plate so as to reduce the lever effect of the edge load.

2,438,308
WATERPROOF HOSIERY PROTECTOR
Evalyn Wheaton, Detroit, Mich.
Application October 24, 1945, Serial No. 624,213
2 Claims. (Cl. 36—2)



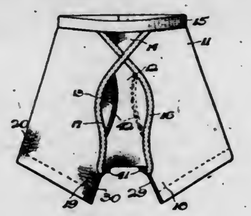
1. A waterproof hosiery protector, comprising a sheath of transparent plastic material having a forward edge and a rearward edge and open along one of said edges, a slide fastener mounted thereon along said open edge for selectively opening and closing the same, the lower part thereof having a forwardly-projecting instep-covering portion and a rearward portion, both of said portions being of materially greater thickness than said sheath whereby to reinforce said protector forwardly and rearwardly, the edges of said thickened portions being directed downwardly in an approximate V-shape on both sides thereof from the forward and rearward edges of said sheath respectively and substantially effecting a junction with one another on each side at the bottom edge thereof, and a shank strap having its opposite ends secured to said bottom edge on opposite sides thereof and also to said thickened portions substantially at said junction.

2,438,309
CONTROL DEVICE FOR AIRPLANES
Charles H. Zimmerman, Nichols, Conn., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application April 11, 1944, Serial No. 530,541
14 Claims. (Cl. 244—13)



5. In an airplane, a main lifting surface, a propeller located at the leading edge of said surface, a stabilizing surface pivotally supported adjacent the trailing edge of said main surface, and means for biasing said stabilizing surface into the airstream beneath the main surface for automatically changing the angle of attack of the airplane an amount sufficient to return the airplane to its predetermined trim speed upon any departure of the airplane from its trim speed, said stabilizing surface having upwardly and downwardly deflected tabs attached to its trailing edge, said upwardly deflected tab being located in the slipstream from said propeller and said downwardly deflected tab being located substantially out of said slipstream.

2,438,310
UNDERGARMENT
Edward J. Ashe, Knoxville, and Otis E. Webber, Fountain City, Tenn., assignors to Standard Knitting Mills, Inc., Knoxville, Tenn., a corporation of Tennessee
Application November 27, 1945, Serial No. 631,043
4 Claims. (Cl. 2—224)

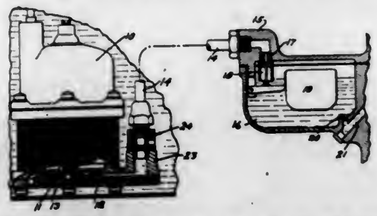


1. An undergarment of the support type for male wear comprising a body formed of a unitary piece of laterally stretchable material adapted to cover the back, sides and portions of the front of the wearer between the waist and the crotch, a waistband secured to the upper edge of said body, and a front piece of laterally stretchable material secured to the lateral edges of said body and completing the front of the garment, said front piece having an integral extension forming the crotch of the garment and extending upwardly in the rear of the garment above the point of the crotch, said front piece being so constructed and arranged as to provide a fly-closed opening in the front of the garment and a pouch therebelow, and also being connected to said waistband so as to support the pouch therefrom, the lower edge of said body being cut upwardly in the rear of the garment to receive the upwardly extending portion of said extension, the area of the upwardly extending portion of said extension being greater than that of the cut so as to provide extra material in the seat of the garment, said cut material and said upwardly extending portion of said extension being sewn together along a curved seam of such configuration that the material of the garment in the region of said seam is relatively free to stretch laterally.

2,438,311
PUMP DISCHARGE FITTING
Russell G. Berry, Maplewood, Mo., assignor to Carter Carburetor Corporation, St. Louis, Mo., a corporation of Delaware
Application May 15, 1944, Serial No. 535,644
3 Claims. (Cl. 158—36.3)

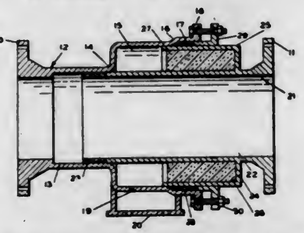
2. In combination, a substantially constant speed, centrifugal pump, a device having a connection with said pump for normally utilizing less liquid than the pump is constructed to supply, a yieldably seating valve for intermittently opening and closing said connection to said device, and a replaceable fitting interposed between said pump and said device comprising a tubular part having a flow limiting restriction and a re-

stricted relief by-pass orifice, said restriction and by-pass being proportioned with relation to each other and to the pump capacity and normal requirements of said device to reduce the maximum



fuel supply when said valve is open to the maximum required and to limit the pressure in said connection when said valve is closed to the maximum said valve is constructed to resist.

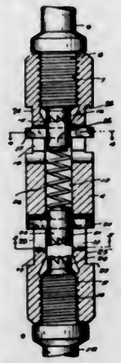
2,438,312
EXPANSION JOINT FOR HIGH TEMPERATURES
George P. Bunn, Bartlesville, Okla., and Howard J. Pankratz, Borger, Tex., assignors to Phillips Petroleum Company, a corporation of Delaware
Application January 24, 1944, Serial No. 519,522
6 Claims. (Cl. 285—162)



1. An expansion joint for a high temperature pipe line comprising a female member and a male member slidably received in the female member, said female member having a plurality of sockets of increasing diameter, the innermost socket of least diameter receiving the end of the male member, a first sealing means between this socket and the end of the male member, an integral flange on the male member having an extension at right angles to the flange forming a collar, said collar fitting snugly into the second socket in the female member and operating to confine an insulating member, the collar forming with the third socket in the female member a space to receive a second packing, a second packing in said space with means for compressing the packing, and the temperature at the said second sealing means being lowered materially over the temperature in the pipe line thus insuring a leak proof seal at this point.

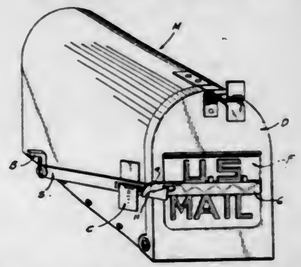
2,438,313
SAFETY LOCKING DEVICE FOR SUCKER ROD COUPLINGS
Clyde E. Burton, Overton, Tex.
Application February 17, 1945, Serial No. 578,421
1 Claim. (Cl. 287—117)

A safety coupling for sucker rods each having an externally threaded boss at its end and ratchet teeth on the free end of the boss comprising a sleeve having an internally threaded socket at each end, and a transverse keyhole slot adjacent each socket, a plug slidable in the sleeve near each socket, ratchet teeth on the outer end of each plug, a spring between the plugs arranged yieldingly to hold the plugs in their outermost positions and the teeth on the outer ends of the



plugs for meshing engagement with the teeth on an adjacent sucker rod and a pin extending transversely through each plug and operable in an adjacent keyhole slot whereby the plugs will be held against turning movement in the sleeve.

2,438,314
SIGNAL STAFF HOLDING FINGER
Joseph P. Dalton, Berlin, N. J.
Application September 20, 1945, Serial No. 617,569
8 Claims. (Cl. 232—35)

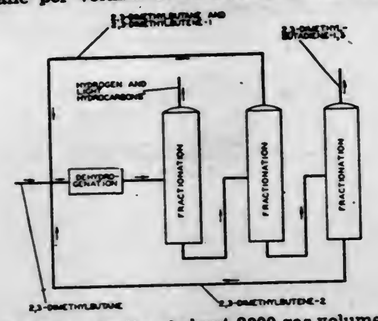


3. A lock bolt for hinged door flaps and the like, comprising a bar with one end bent to form a U-shaped clip and with the upper and lower edges of the other end formed to define cam surfaces, and a projection extending from said bar, said projection being spaced a predetermined distance from and adapted to co-operate with the clip at the end of the bar to secure the bar on the hinged flap of the door.

2,438,315
DEHYDROGENATION OF 2,3-DIMETHYLBUTANE
Frederick E. Frey, Bartlesville, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware
Application January 3, 1944, Serial No. 516,799
2 Claims. (Cl. 260—680)

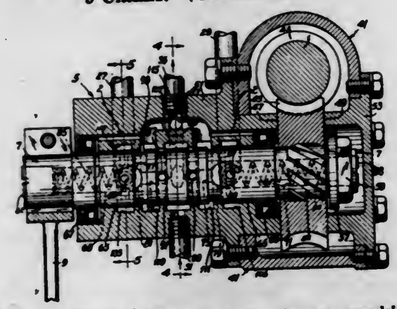
1. A process for the production of 2,3-dimethylbutadiene-1,3 which comprises admixing 2,3-dimethylbutane with an inert diluent, passing the resulting mixture into contact with a catalyst comprising alumina impregnated with chromium

oxide at substantially atmospheric pressure and at a temperature of about 1100° F. and a space velocity of about 550 gas volumes of 2,3-dimethylbutane per volume of catalyst per hour and a



total space velocity of about 2800 gas volumes per volume of catalyst per hour effecting conversion of 2,3-dimethylbutane to 2,3-dimethylbutene-1, 2,3-dimethylbutene-2, and 2,3-dimethylbutadiene-1,3.

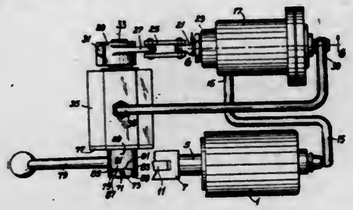
2,438,316
PRESSURE FLUID FOLLOW-UP SERVOMOTOR
Adam Gabriel, River Forest, Ill., assignor, by mesne assignments, to Acme Industrial Hydraulics, Inc., Chicago, Ill., a corporation of Illinois
Application April 7, 1945, Serial No. 587,152
9 Claims. (Cl. 121—41)



5. In a servo steering mechanism a combined valve and gear train comprising a casing formed as a valve cylinder, a drive shaft formed as a valve fitting said cylinder, said drive shaft being rotary for mechanical force transmission and having limited axial movement for valve action, a rotary driving member in the casing, means for rotating said rotary member, and a lost-motion helical connection between said rotary member and the shaft, whereby the rotary member may initially move the shaft axially for valve action and thereafter rotate it without further axial movement for mechanical transmission action.

2,438,317
SERVO ACTUATOR
Adam Gabriel, River Forest, Ill., assignor, by mesne assignments, to Acme Industrial Hydraulics, Inc., Chicago, Ill., a corporation of Illinois
Application April 7, 1945, Serial No. 587,153
10 Claims. (Cl. 121—41)

10. In combination with a fluid pressure actuated servo device, a fluid circuit including a valve for controlling the supply of fluid to said device, said valve comprising a valve housing having a valve member mounted for axial and rotary movement therein, said valve member being movable axially from an initial position to an operative position for supplying fluid to the servo device, a control element rotary on the valve member, means including cooperating camming elements upon the control element and valve



member for moving the latter axially from its initial position to its operative position upon rotation of the control element relatively to the valve member, and a mechanical connection between the servo device and the valve member for rotating the latter relatively to the control element upon operation of the servo device following actuation of the control element to return the valve member to its initial position through said means.

2,438,318
INCREASING ADHESION OF BITUMINOUS MATERIALS TO MINERAL AGGREGATE
James M. Johnson, New York, N. Y., assignor to Nostrip Inc., a corporation of Delaware
No Drawing. Application September 29, 1942, Serial No. 460,175
2 Claims. (Cl. 106—281)

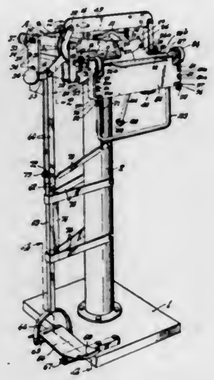
1. A paving material comprising stony aggregate and a salt of an acylamidoamine containing at least 1 free amine group with a freely water soluble acid, the salt being disposed as a film on the aggregate and serving to increase the adherence of a flowable bituminous material when contacted with the aggregate and applied film, the acyl in the amidoamine being the acyl group of a higher fatty acid and the amine group which is reacted with the water soluble acid, to form the salt, being unsubstituted.

2,438,319
BENDING BRAKE
Peter Kilham, Attleboro, Mass.
Continuation of application Serial No. 451,001, July 15, 1942. This application September 9, 1944, Serial No. 553,322
22 Claims. (Cl. 153—16)

1. In a bending and forming brake, a stationary bed, clamping means mounted above said bed for clamping the work downwardly thereagainst, and a bending element pivoted adjacent the forward edge of the bed, and means for adjusting the axis of rotation of said bending element in relation to the forward upper edge of the bed, including a pair of arms located adjustably one at each side of a front portion of the bed, a pivotal connection between each said arm and the bending element, and means for adjusting each said arm in relation to said bed.

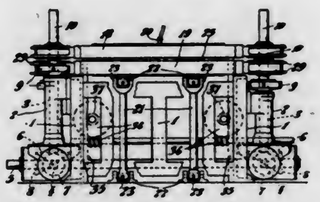
7. In a bending and forming brake, a stationary horizontal bed having a free forward working edge, a clamp structure rotatably mounted at its rear end in normally fixed relation to the bed and extending forwardly above the bed and

adjacent said working edge, said clamp structure having at its forward end a blade receiving seat, means for securing a selected one of a plurality of clamp blades of different form to said seat, means for applying downward pressure against a forward portion of said clamp structure at an area intermediate the sides of the bed,



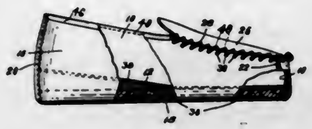
and overlying the bed, and for thereby moving the clamp blade about the axis of the clamp structure, downwardly against the bed, and a bending blade rotatably mounted adjacent the forward edge of the bed and means for rotating it upwardly against the work held by the clamp blade and for thereby upwardly bending the work.

2,438,320
FELT HARDENING MACHINE
William Henry Kingston, Drighlington, Bradford, England, assignor of one-half to William Bywater Limited, Holbeck, Leeds, England, a corporation of Great Britain and Northern Ireland
Original application November 30, 1944, Serial No. 565,985. Divided and this application March 26, 1946, Serial No. 657,288. In Great Britain December 7, 1943
1 Claim. (Cl. 28—14)



A felt hardening machine comprising a pair of superposed tables, a plurality of supports on which the lower of said tables is mounted, said supports each comprising a substantially vertically disposed pedestal having universal joints at its upper and lower ends, said pedestals being of such a length that the horizontal movement of the lower table is accompanied by a negligible vertical movement thereof, and means for imparting motion to the lower table.

2,438,321
FOOTWEAR
Roy Maling, Chestnut Hill, Mass.
Application September 19, 1945, Serial No. 617,222
3 Claims. (Cl. 36—11)

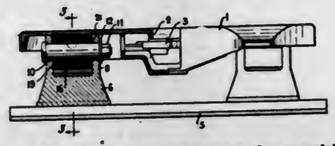


1. An article of footwear, comprising an upper lining and a sock-lining stitched together all around the sock-lining, a platform and heel unit underlying the sock-lining, and a unitary tread sheet extending integrally under the platform and heel unit and integrally upward all around the article and over the upper lining and secured to the top edge of the upper lining all around the article, said sheet having smooth continuity of extent from the plane of the tread surface of the article to the top edge of the article all around the article.

2,438,322
CATTLE-RESTRAINING CHUTE
William P. McDonough, Gunnison, Colo., assignor to Roy Andrews, Colorado Springs, Colo.
Application December 20, 1944, Serial No. 569,015
6 Claims. (Cl. 119—99)

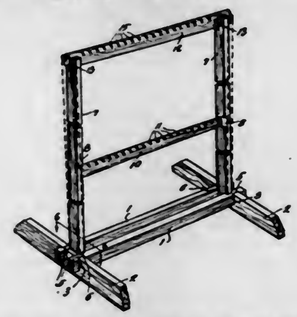
1. In a cattle-holding and restraining enclosure of the class described, a frame-work comprising a horizontal base frame, a rectangular horizontal top frame, vertical corner posts connecting said frames in superposed vertically spaced relation, a longitudinal plank supported on the base frame and forming a stall platform, a horizontal rocker shaft commensurate in length with and mounted for oscillation in bearings in the top frame, upstanding, opposed, hingedly mounted stall walls mounted on said base frame and located along opposite longitudinal sides of said platform, operating connections between the opposite end portions of the rocker shaft and the upper end portions of said walls, stanchions independently and operatively mounted on the framework at one end of said stall, means for moving the stanchions toward and from each other, and a slidable captive confining door operatively mounted on said framework at the opposite end of the stall.

2,438,323
TRACTOR FIFTH WHEEL MOUNTING
Elmer L. Miller, Dayton, Ohio, assignor to The Dayton Steel Foundry Company, Dayton, Ohio, a corporation of Ohio
Application May 10, 1946, Serial No. 668,896
4 Claims. (Cl. 280—33.05)



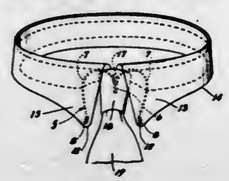
1. In a fifth wheel for tractors the combination of a support, a load bearing platform on the support, a pivotal mounting for the platform containing a resilient bushing immovably connected to the support and the platform, said bushing being so mounted that there is tension in the bushing when in horizontal position, said tension being relaxed when the platform is tilted downwardly.

2,438,324
DRYER FRAME
Anton W. Pfeffer, Spokane, Wash.
Application September 26, 1945, Serial No. 618,628
5 Claims. (Cl. 211—177)



1. A clothes rack comprising a base having longitudinally extending bars and cross bars, the cross bars being formed with slots leading from their upper edge faces and having inner side faces formed with vertical recesses between the vertical slots, the longitudinally extending bars having end portions fitting into the slots of the cross bars and formed with outer vertical recesses receiving portions of the cross bars and inner recesses, vertical standards having lower portions fitting snugly between the longitudinally extending bars and engaged in the recesses found in inner faces of the cross bars and the longitudinally extending bars and holding the standards and the bars in interlocked engagement with each other, said standards having recesses leading from their upper ends and each being formed intermediate its height with a recess in its inner side face extending transversely thereof and having its inner end portion deepened to form a seat, a rail extending between said standards with its ends fitted into the recesses in the inner side faces of the standards and seated in the deepened inner ends thereof, and an upper rail extending between upper ends of the standards and engaged in the recesses leading from upper ends thereof, said upper rail having the end portions thereof formed with side recesses for receiving portions of the standards, for holding the upper rail and the standards interlocked with each other.

2,438,325
COLLAR STAY AND NECKTIE SUPPORT
Eric Gustave Pophal, St. Pauls, N. C.
Application March 22, 1946, Serial No. 656,413
3 Claims. (Cl. 2—132)



3. A collar stay and necktie support, comprising in combination, a one-piece wire-like rod doubled upon itself medially of its length to provide a forwardly and upwardly directed prong, the doubled end portion of said rod being disposed at the upper end of said prong and forming a rounded extremity, lower end continuations of said prong extending upwardly in a mutually divergent relation and thence being arcuated outwardly and rearwardly to form a pair of collar-engaging shoulders, the end portions of said rod constituting continuations of said shoulders and providing downwardly extending arcuate arms, and collar wing engaging extremities formed at the free ends of said arms, said prong being insertable between the overlapping layers in the knot of the necktie.

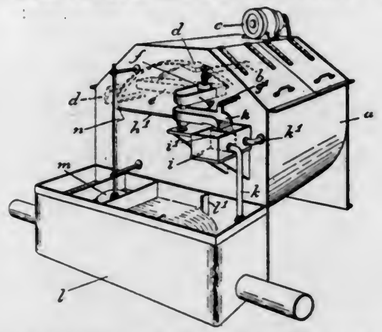
2,438,326
LACTIC ACID COMPOSITION
Herman H. Schopmeyer, Hammond, Ind., assignor to American Maize-Products Company, a corporation of Maine
No Drawing. Application April 13, 1945, Serial No. 588,249
3 Claims. (Cl. 99—206)

1. In forming a solidified composition including lactic acid, the method which comprises forming a solution of lactic acid in starch conversion syrup, spray drying the solution in heated air to a water content not above 4% of the weight of dry product, and then cooling the product to room temperature, the lactic acid being used in proportion not in excess of that which is soluble in the syrup and in the solids derived therefrom, at all temperatures of evaporation and subsequent cooling.

2,438,327
APPARATUS FOR ADDING ONE LIQUID TO ANOTHER
William Smalley, London, England, assignor to The Paterson Engineering Company Limited, London, England
Application February 16, 1944, Serial No. 522,613
In Great Britain February 24, 1943
7 Claims. (Cl. 210—18)

1. Apparatus for effecting the proportional addition of one liquid to another comprising a dosage regulating device to which an excess of addition liquid over the maximum required is fed, said device comprising a first feed control means in the form of a gate, means ahead of the gate adapted to maintain a constant liquid head on the gate and including a source of supply and means following the gate for dividing the liquid which passes through the gate into two parts including a trough member and a dividing box member having chambers for receiving said two parts, one of the chambers receiving the correct dose and the other receiving the excess liquid,

means for passing the correct dose from the chamber to the liquid to which it is to be added, means for passing from the other chamber the excess liquid and returning it to the source of supply, said trough member and said box member being laterally shiftable one relative to the other in a direction to change the relative position of the trough member on the one hand and



the box member on the other hand, means for shifting the shiftable of said members including a movable member and means for moving said movable member by the liquid to be dosed in response to the variations in the rate of flow of said liquid and means for transmitting motion from the last mentioned movable member to the shiftable of the first two mentioned members.

2,438,328

FINISHING TEXTILE MATERIALS COMPOSED OF OR CONTAINING ANIMAL FIBRES

John Bamber Speakman and Emma Whewell, Leeds, England, assignors to The Fullers' Earth Union Limited, Redhill, England, a company of Great Britain

No Drawing. Application October 2, 1944, Serial No. 556,898. In Great Britain November 11, 1943

6 Claims. (Cl. 26—18.5)

1. The process for the treatment of a textile fabric containing animal fibers in order to reduce its shrinkage during subsequent laundering which comprises mechanically working the fabric with an abrasive powder in the presence of a non-aqueous oily liquid medium which is chemically inert to the fabric and the abrasive and in which the fabric and the abrasive are insoluble.

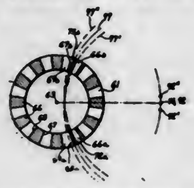
2,438,329

METHOD FOR PRODUCING FACE CLUTCHES

Ernest Wildhaber, Brighton, N. Y., assignor to Gleason Works, Rochester, N. Y., a corporation of New York

Application December 21, 1942, Serial No. 469,610

18 Claims. (Cl. 90—1.4)



1. The method of chamfering the teeth of a toothed face clutch member or the like which comprises positioning a face mill cutter in engagement with the work so that it will cut along the length of a tooth of the work as the cutter rotates on its axis, and rotating the cutter on its axis while effecting a relative helicoidal movement between the cutter and the work in the direction of the work axis to cause the cutter to produce a helicoidal chamfer surface on the tooth of the work along its length.

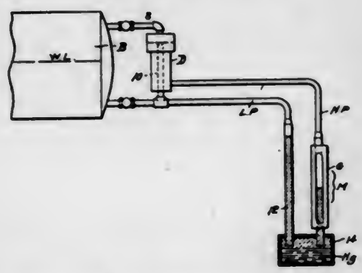
2,438,330

LIQUID LEVEL INDICATOR

Lewis B. Winton, Greenwich, Conn., assignor, by mesne assignments, to Jerguson Gage & Valve Co., a corporation of Massachusetts

Application October 14, 1942, Serial No. 461,944

14 Claims. (Cl. 73—299)



4. Mechanism for indicating the liquid level in a container subject to bodily displacement comprising a conduit communicating at one end with the liquid-containing space of the container to receive a liquid column of variable head therefrom and receiving at the other end a liquid column of constant head, there being a body of different liquid interposed between said columns of liquid in the conduit to indicate by its position the liquid level, the space receiving one of the liquids including a chamber depending below the conduit, the upper portion of which provides when the structure is plumb a passageway for the liquid along the conduit, the bottom of the chamber receiving a relatively heavy liquid which when the system which comprises the mechanism and container with which it is associated is inclined to a determined angle rises at one side of the chamber to close off said passageway.

2,438,331

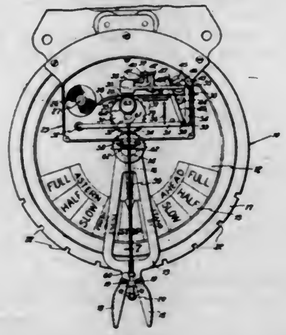
SHIP'S TELEGRAPH RECORDER

Hugh J. Callahan, Wilmington, Del.

Application May 10, 1945, Serial No. 592,942

4 Claims. (Cl. 234—27)

1. The combination with a ship's telegraph, of a recorder, said telegraph including a dial having different orders thereon, a handle having a pointer movable with respect to said dial by the observer thereof to indicate a selected one of said orders, said recorder including means to support a movable strip of material to receive print, means operable to move said strip step-by-step, a printing member having spaced orders thereon corresponding to the orders on said dial, a hammer operable to coact with said printing member to print a selected order on said strip, means operated in response to the movement of said handle to a position in registry with a selected order to move the printing member into a selected printing position, and means which may be manipulated and released to perform the following functions, namely, to operate the handle,



printing member, the strip moving means and the hammer, as and for the purposes specified.

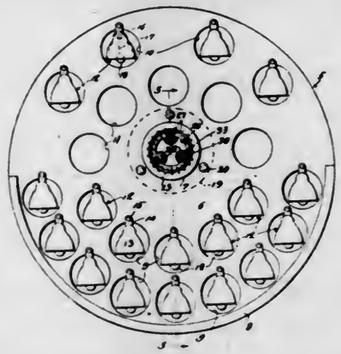
2,438,332

SOUNDING DEVICE

Charles J. Clarke, Syracuse, N. Y.

Application January 24, 1947, Serial No. 724,093

5 Claims. (Cl. 116—37)



5. In an audible device of the character described, a body member, mounting means for rotatably supporting said body member on a rotating element having translational motion varying proportionately to the speed of rotation of said element, means carried by said body member for preventing the rotation thereof with the rotating element and whereby said body member will be caused to oscillate in response to variations in the translational motion of the rotating element, and audible means carried by said body member and constructed and arranged to be actuated by the oscillation thereof, said body member comprising a disk having an eccentric opening therein, said mounting means including a plate secured to one side of said disk and over said opening and having an annular flange extending therethrough and ball bearing means supported in said flange and including an inner race rotatably mounted relatively to the flange and detachably connected to said rotatable element.

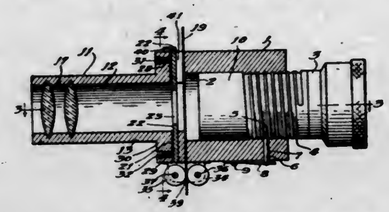
2,438,333

MOTION-PICTURE PROJECTOR ADAPTER FOR SHOWING STILL PICTURES

Joseph E. Dickman, Chicago, Ill.

Application August 20, 1945, Serial No. 611,504

4 Claims. (Cl. 88—28)



1. An adapter for showing still pictures in a motion picture projector, comprising a tubular member of a size at one end adapted to be removably inserted in the light projecting tube of a moving picture projector, and at its other end having an opening adapted to receive a focusing lens member, said tubular member having a transverse slot opening through one of its sides and extending laterally beyond the vertical diameter of the tubular member, said slot in one face having an enlargement for slidably receiving a film and in its other face having an enlargement for receiving a pressure plate, a pressure plate in said last mentioned enlargement, resilient means for urging the pressure plate toward the film when in the slot, a pair of soft-faced rollers at one end of the slot between which the film is adapted to be gripped for movement through the slot when the rollers are rotated, a condenser lens in said tubular member near its inner end, and a spring pressed pin in the other end portion of the tubular member.

2,438,334

KETONE PRODUCTION

Thomas F. Doumani, Long Beach, and Joseph Francis Cuneo, Los Angeles, Calif., assignors to Union Oil Company of California, Los Angeles, Calif., a corporation of California

No Drawing. Application November 22, 1943, Serial No. 511,320

9 Claims. (Cl. 260—597)

1. A process for the production of unsaturated ketones which comprises reacting an olefinic hydrocarbon with a material selected from the class consisting of acid halides of monocarboxylic acids having between 2 and 6 carbon atoms and acid halide producing mixtures consisting essentially of a polyvalent metal halide plus an anhydride of a monocarboxylic acid having between 2 and 6 carbon atoms at a temperature above about 150° C. and a pressure not substantially greater than atmospheric, in the vapor phase, and thereby producing an unsaturated ketone.

2,438,335

METHOD OF MAKING CERAMIC STAINS

John Alfred Earl, Pittsburgh, Pa., assignor to The Vitro Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania

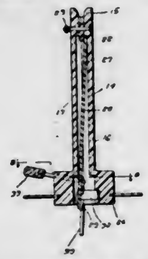
No Drawing. Application August 23, 1944, Serial No. 550,909

2 Claims. (Cl. 106—34)

1. The method of making a ceramic stain ranging from ivory through yellow in shade, which comprises intimately mixing pure zirconium oxide with ammonium metavanadate, calcining

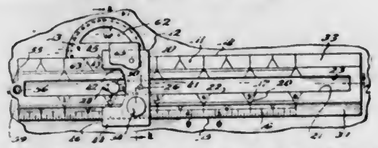
the mixture in a furnace to a temperature of about 2550° F., and grinding the resultant product to a fine subdivision for adidtion to a glaze as described.

2,438,336
COIN RECEIVING DEVICE
Alexander M. Gordon, Providence, R. I., assignor to Money-Meters, Inc., a corporation of Rhode Island
Application January 25, 1943, Serial No. 473,499
2 Claims. (Cl. 232—12)



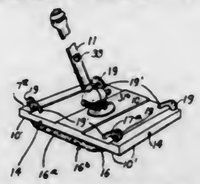
1. A device of the character described including a transparent substantially vertically disposed front plate, a complementary closely adjacent rear plate, said plates being recessed to provide a coin chamber therebetween having an upper coin receiving slot, an intermediate plate pivotally mounted at its upper end in the rear plate and spring urged at its lower end to swing into contact with the front plate, whereby coins inserted in the slot drop and are retained between the intermediate plate and the front plate, and a control member engageable with the lower end of the intermediate plate for swinging it towards the rear plate to release the coins.

2,438,337
COMBINATION RULE AND COMPASS
Louis J. Gordon, Chicago, Ill.
Application September 27, 1944, Serial No. 555,905
8 Claims. (Cl. 33—27)



3. In a scale, the combination of a ruler comprising a supporting body provided with upper and lower straight edges substantially parallel to each other and with the lower longitudinal corners of said body beveled upwardly, a slider mounted on said body and having flanges extending over the side edges and securing flanges extending under the beveled portions of the body, the said slider having its lower surfaces spaced above the plane contacted by the lower side of the ruler whereby the slider may be caused to move freely when the ruler is resting upon the work, said ruler being provided at one end with an aperture for a pencil, said aperture having its center in alignment with the end indicia of the ruler, and said slider being provided with a resiliently supported center point, said center point being located to project through a slot, said slot extending longitudinally and centrally of said ruler, and said center point being in longitudinal alignment with said aperture.

2,438,338
PAD-MOUNTING DEVICE FOR APPLYING AND DISTRIBUTING WAX, OIL, AND OTHER LIKE MATERIAL TO FLOORS AND LIKE SURFACES
Jacque E. Horn, New York, N. Y.
Application July 29, 1944, Serial No. 547,228
4 Claims. (Cl. 15—131)



1. A pad-mounting device for applying and distributing liquid wax or oil and like liquid materials to floors or like surfaces, comprising a base member having on its bottom face a pad mounting surface provided with a material-outlet duct, a pad of absorptive poriferous spongy material mounted on said mounting surface and having a surface contacting and covering said material-outlet duct to absorb and distribute material passing therethrough, transverse bails of rigid material mounted adjacent to the ends of said base member and extending across the surfaces of said pad at the opposite ends thereof, and means for pulling up and tightening said bails to cause the same to be deeply embedded in and to compress the ends of said pad while leaving a free material-applying portion between said bails.

2,438,339
LAMINATED SHEET AND COMPOSITION FOR COATING LAMINAE
Maurice Jacobs, Ridgefield, N. J., assignor, by mesne assignments, to Albert W. Clurman, New York, N. Y., as trustee
Application July 16, 1942, Serial No. 451,240
19 Claims. (Cl. 154—45.9)

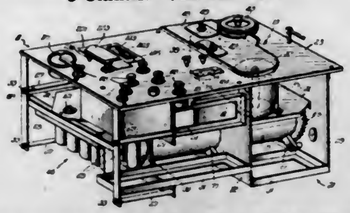


9. A building element consisting of alternate laminations of sheets of fibrous material and of a composition composed of emulsion of sodium silicate of 40° to 47° Bé., a high boiling mineral oil, a tung oil, a mica filler and titanium dioxide, formed by high pressure into the form of a building element in the proportions of sodium silicate 44 gallons, mineral oil 1⅜ gallons, and drying oil 2¾ gallons.

2,438,340
LOW TEMPERATURE POLYMERIZATION OF OLEFINIC HYDROCARBONS
Herbert L. Johnson, Norwood, Pa., assignor to Sun Oil Company, Philadelphia, Pa., a corporation of New Jersey
No Drawing. Application April 27, 1944, Serial No. 533,061
2 Claims. (Cl. 260—86)

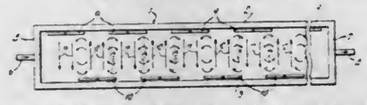
1. In a process wherein a polymerizable olefinic hydrocarbon monomeric mixture consisting of 35%–60% by weight of isobutylene, 20%–45% by weight of butadiene and the remainder of styrene is polymerized at a temperature of minus 40° C. to form polymers of high molecular weight, the step of utilizing as a catalyst a previously prepared solution of aluminum bromide dissolved in a saturated hydrocarbon liquid.

2,438,341
ELECTROCARDIOGRAPH
Arthur J. Kizaur, Cicero, Ill., assignor to General Electric X-Ray Corporation, Chicago, Ill., a corporation of New York
Application August 27, 1942, Serial No. 456,373
5 Claims. (Cl. 234—60)



1. In an electrocardiograph adapted to reproduce an oscillating beam of light upon a moving film, a framework including a rigid tubular member and frame means on and outwardly of said tubular member, film carrying and moving means, and oscillating light beam producing means supported on said framework outwardly of said tubular member, motor means supported on said tubular member and drivingly connected with said film moving means, said rigid tubular member forming a backbone for the framework and serving as the main support for the moving film and the oscillating beam of light, whereby motor induced vibrations in the electrocardiograph are reduced to a minimum to thereby increase the accuracy of reproduction.

2,438,342
WASTE LIQUOR AERATOR
Edward B. Mallory, Tenafly, N. J.
Application September 6, 1944, Serial No. 552,848
7 Claims. (Cl. 210—8)



1. In a waste purification process, the method of aerating waste containing liquors comprising incoming wastes in admixture with so-called returned sludge which includes passing the liquors progressively through successive zones spaced horizontally along an aerating tank, injecting oxygen containing gas into one bottom portion of one such zone of the tank on one side thereof to set up a rotary column of liquors rotating in one direction about a substantially horizontal axis, and also injecting oxygen containing gas into an adjacent bottom portion of an adjacent zone the tank at points spaced transversely and also longitudinally of the tank with respect to said first mentioned bottom portion, to set up a rotary column of liquors rotating in the other direction about a substantially horizontal axis and in direct interacting engagement with said first mentioned rotary column of liquors and thereby create vortical currents of liquor between the oppositely rotating columns of liquor in said adjacent zones.

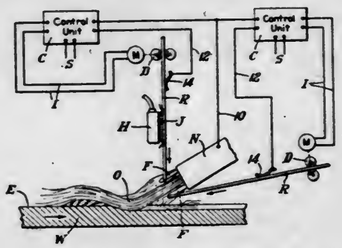
2,438,343
HIGH-FREQUENCY RADIATION SYSTEM
Cyril E. McClellan, Catonsville, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application July 9, 1942, Serial No. 450,301
5 Claims. (Cl. 250—33.65)

4. In combination, a paraboloidal reflector, a dipole radiator positioned with its mid-point at the focus of said reflector and parallel to the axis thereof, and a dielectric body disposed about the axis of said reflector in front of the aperture thereof and so distributed in thickness that radiation emanating from said reflector on one side



of a plane passing through the reflector axis is changed in phase by 180 electrical degrees relative to radiation emanating from points symmetrically disposed thereto on the other side of said plane.

2,438,344
AUTOMATIC ROD FEED FOR METAL REMOVAL
Edward Meincke, Scotch Plains, N. J., assignor to The Linde Air Products Company, a corporation of Ohio
Application May 19, 1945, Serial No. 594,659
6 Claims. (Cl. 148—9)

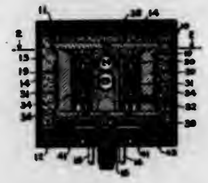


6. The method of removing metal from a body composed of metal which ordinarily resists progressive oxidation by the sole action of an oxygen jet on a heated portion thereof, which method comprises feeding relatively to the body being treated an elongated member composed of readily oxidizable adjuvant metal into a work-preheating oxy-fuel gas flame and a stream of metal removing oxygen which are applied to such body so as to thermochemically remove metal from the body, automatically feeding the member longitudinally of itself at a substantially constant rate first into such flame and then into the stream of oxygen, and heating said member to a temperature approaching its ignition temperature with oxygen directly before it is fed into such flame, so as to increase the stability and efficiency of the metal removal operation.

2,438,345
CRYSTAL OVEN
August E. Miller, Cliffside Park, N. J.
Application December 5, 1946, Serial No. 714,275
9 Claims. (Cl. 171—327)

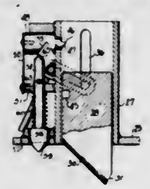
1. A piezo electric crystal holder comprising a metallic housing of such dimensions as to enclose heater and control elements and at least one piezo crystal assembly, at least one crystal cavity therein to receive a crystal assembly including the piezo crystal, crystal electrodes and case, a slow electric heater coil wound around the metallic housing, spaced holes through the housing, a fast electric heater extending into the spaced holes, a pair of thermostat cavities in the

housing, and a thermostat in each cavity, one thermostat being connected with each heater to



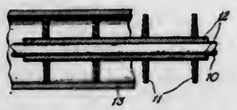
control the current supplied to its respective heater.

2,438,346
SAFETY DEVICE FOR TRAILERS
Charles F. Mooney, Charlotte, N. C.
Application November 30, 1945, Serial No. 632,009
7 Claims. (Cl. 280—33.05)



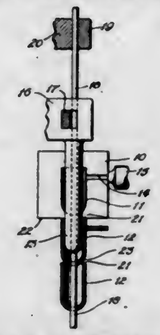
1. In a tractor and trailer, the tractor having a fifth wheel on which the front end of a trailer is adapted to rest, a downwardly projecting dog mounted on the front portion of the trailer and having a substantially vertical rear surface and a downwardly and rearwardly sloping front surface and having its lower end normally occupying a position in front of the fifth wheel of the trailer when the tractor and trailer are coupled together to prevent disengagement of the trailer from the fifth wheel, means for moving the dog upwardly to remove the lower end thereof above the path traveled by the fifth wheel, means for latching the dog in raised position, and means engageable by the fifth wheel for moving the latching means to releasing position to allow the dog to fall downwardly when the tractor and the trailer are separated.

2,438,347
COAXIAL CABLE
Louis H. Morin, Bronx, N. Y., assignor of one-half to Davis Marinsky, Bronx, N. Y.
Application May 13, 1944, Serial No. 535,406
4 Claims. (Cl. 174—28)



1. In coaxial cable comprising a conducting outer sheath, a conductor arranged within and extending longitudinally of said sheath, disc-like insulators spaced longitudinally of the conductor for spacing the conductor from the sheath and cord means arranged on and along said conductor and firmly clamped thereto by said insulators to maintain the spaced relationship of the insulators one to the other on said conductor.

2,438,348
METHOD OF FORMING AND ARRANGING CASTINGS ON ELONGATED MOUNTINGS
Louis H. Morin, Bronx, N. Y., assignor of one-half to Davis Marinsky, Bronx, N. Y.
Application June 16, 1944, Serial No. 540,717
9 Claims. (Cl. 18—59)



1. The method of forming articles of manufacture of the character described, comprising arranging an elongated mounting member between relatively movable dies and extending through a tubular core arranged between and movable relatively to said dies, gripping said mounting member, forming a casting on the mounting member and around said core, separating the dies, then moving the core and mounting member with the casting thereon to a position out of the path of movement of said dies, with a surface of the casting arranged adjacent an outer surface of the dies, then partially closing the dies to bring said surface of the dies into contact with the surface of the casting, then moving the core and the mounting member in the opposite direction while maintaining the casting in stationary position by abutment of the casting with said outer surface of the dies, then releasing the mounting member and gripping the same to check further movement thereof relatively to the casting, continuing the movement of the core to remove the same from the casting and reposition the same between the dies, and then again closing the dies preparatory to forming the next successive casting on said mounting member.

2,438,349
BENDING OF CORKWOOD
Frederick F. Pollak, New York, N. Y.
Application April 28, 1944, Serial No. 533,219
5 Claims. (Cl. 144—309)



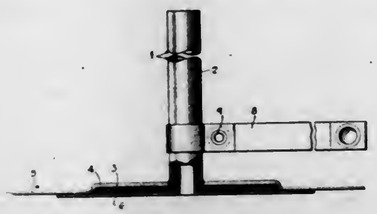
1. Method for the manufacture of a curved workpiece from corkwood comprising compressing a sheet thereof, slowly bending same to curved formation short of its final curved shape, confining said bent sheet between spaced shape-confining faces having the desired curved shape of the finished article and while so confined, imbibing said sheet, reswelling same to occupy the space between said faces, to form a curved workpiece and drying the thus produced curved workpiece while maintaining the same between said space confining faces.

2,438,350
TEST PROBE
William C. Reichard, Stanhope, N. J.
Application August 22, 1945, Serial No. 611,983
2 Claims. (Cl. 173—273)



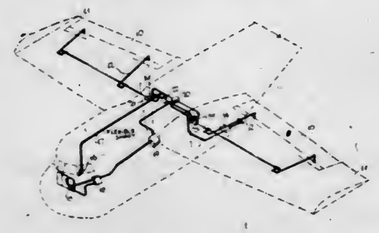
2. An electrical contact member adapted to make contact with a wire or terminal member comprising a first insulating casing member which is open at one end thereof, a second insulating casing member adapted to make a sliding fit with said first casing member so as to move freely with respect thereto in a lateral direction and having an end surface outside said first member, a metal contact member which has one end fastened within said first casing member to an electrical terminal and which extends through said opening in the end thereof and through said entire second casing member to terminate in a hook-shaped clip, and resilient means in the interior of said first casing member positioned to force said second casing member toward and sufficiently close to the inside surface of the hook of said clip so that the wire or terminal member can be tightly gripped between the end of said second casing member and the inside surface of said hook, a portion of the inner surface of the hook which is substantially parallel to the said end surface of the second casing member having a knife edge and portions of said clip inner surface on each side of said knife edge being blunt.

2,438,351
FLEXIBLE COLLAPSIBLE FLUID BLADDER
Abraham N. Spanel, Princeton, N. J.
Original application May 7, 1943, Serial No. 486,031. Divided and this application May 23, 1945, Serial No. 595,466
7 Claims. (Cl. 285—38)



1. In a bladder, the combination of a hollow body having a flexible thermoplastic resinous side wall provided with a filling opening and a surrounding integral annular skirt portion, a flexible filling nipple providing a flexible tubular portion and an integral flexible annular skirt portion, one of said skirt portions comprising two plies and the other skirt portion comprising one ply interposed between said two plies, respectively contiguous of said skirt portions being intimately secured in sealing relationship to thereby provide two separate annular seals between said two integral skirt portions, whereby two independent seals are interposed in series between and form the juncture of the said side wall and flexible flange of said filling nipple.

2,438,352
CONTROL APPARATUS
Elbie C. Strong, Long Island City, and Leverett M. Clark, Tuckahoe, N. Y., assignors, by mesne assignments, to Waugh Equipment Company, New York, N. Y., a corporation of Maine
Application November 17, 1943, Serial No. 510,590
5 Claims. (Cl. 318—545)



1. Apparatus for measuring and controlling loads, movements and the like, comprising in combination, a push-pull rod, a switch box mounted on said push-pull rod, a control rod secured to said push-pull rod at a spaced point from said switch box and having its free end extending into said box, and a plurality of switches in said switch box moved concurrently by said control rod but having effective operation at different positions of said control rod, means for changing the load on said push-pull rod, and means for selectively operating said load changing means through one of said switches.

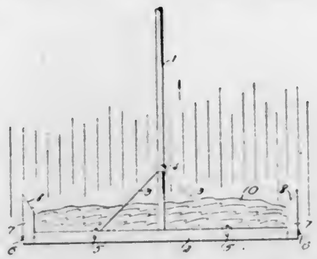
2,438,353
METHOD OF CONTROLLING THE GROWTH AND FATTENING RATE OF LIVESTOCK AND POULTRY AND COMPOSITION USED IN CONNECTION THEREWITH
Charles W. Turner and Ezra P. Reineke, Columbia, Mo., assignors to American Dairies Incorporated, Kansas City, Mo., a corporation of Maryland, and The Quaker Oats Company, Chicago, Ill., a corporation of New Jersey, jointly
No Drawing. Application December 8, 1943, Serial No. 513,496
13 Claims. (Cl. 99—2)

1. A method of controlling the fattening rate of livestock and poultry comprising the steps of administering to said animal and bird during a limited selected period of their life span a substance of low toxicity containing the thiourelyene radical —NH·CS·NH— in an amount equivalent to a range of 0.01% to 0.15% for each 100 pounds of feed.

2,438,354
APPLICATOR FOR BOWLING ALLEY FINISHES
Victor Unterbrink, Ottawa, Ohio
Application May 24, 1945, Serial No. 595,591
2 Claims. (Cl. 91—37)

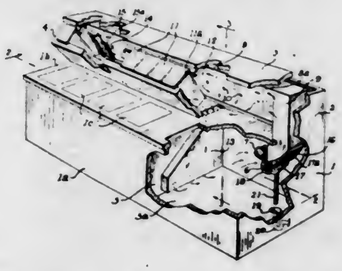
1. An applicator for surface coatings, comprising a handle, a transverse head on the handle having bolts for attaching weights, and extensions on the head disposed at right-angles

to the head in the direction of travel of the head, and a material distributing agent on the under-



surface of the head and the extensions, said extensions having beveled ends.

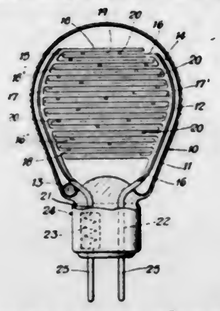
2,438,355
FOUNTAIN FIXTURE COOLED BY FORCED AIR CIRCUIT
Emery E. Wilson, Portland, Oreg.
Application January 11, 1944, Serial No. 517,825
12 Claims. (Cl. 62—102)



8. In a fountain fixture, the combination of a syrup rail, a storage compartment, cold air circulating means including a fan in said compartment, refrigerating coils arranged adjacent the point of discharge from said fan and a vent leading exteriorly from said compartment for discharging condensate collected upon said coils, said cold air circulating means having an air inlet communicating with said compartment, an air duct having communication with said cold air circulating means for distributing cold and dehydrated air to the syrup rail, and an air return duct placing the syrup rail in communication with said compartment.

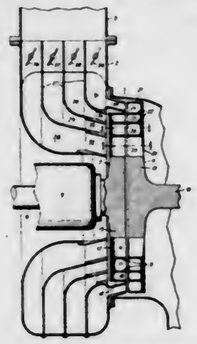
2,438,356
GASEOUS DISCHARGE DEVICE
Focsaneanu Alexander, Flushing, N. Y., assignor of one-half to Albert Lavenburg, New York, N. Y.
Application July 15, 1944, Serial No. 545,036
5 Claims. (Cl. 176—122)

1. A glow discharge lamp comprising an envelope containing mercury vapor, electrodes within said envelope, each electrode having a rib having a plurality of spaced fins of electrically conductive material with the fins of the rib of one of the electrodes being disposed closely between and in spaced relation to opposed fins of the rib of another of the electrodes and presenting a plurality of short paths between opposed fins, and mercury particles from said vapor each connecting opposed fins thereby pro-



viding a plurality of short circuited paths between said electrodes.

2,438,357
DOUBLE ROTATION TURBODRIVE
David J. Bloomberg, Newton, Mass., assignor to General Electric Company, a corporation of New York
Application November 22, 1944, Serial No. 564,647
8 Claims. (Cl. 253—16.5)

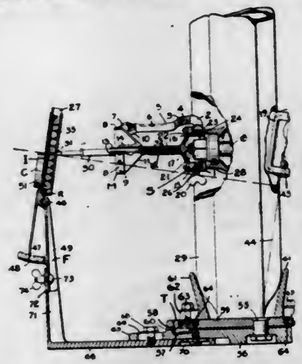


1. A dual rotation fluid pressure turbine comprising a first wheel having concentric inner and outer bucket passage sections, a second mechanically independent wheel having concentric inner, intermediate and outer sections, the inner and intermediate sections of the second wheel being arranged to receive fluid discharged from the inner and outer sections of the first wheel respectively, means for conducting operating fluid to the first wheel, and other means for bypassing fluid around the first wheel and conducting it directly to the outer section of the second wheel, the inner section of the second wheel having bucket blades shaped so as to extract substantially no energy from the operating fluid under normal operating conditions.

2,438,358
WHEEL GAUGE FOR VEHICLES
Biagis Castiglia, New York, N. Y., assignor to Wheel Aligning Necessities, Inc., New York, N. Y., a corporation of New York
Application April 21, 1943, Serial No. 483,898
6 Claims. (Cl. 33—203.12)

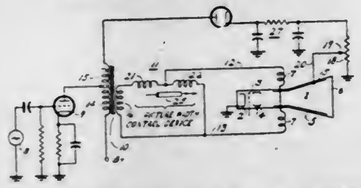
3. In a vehicle wheel gauge, for determining wheel mounting characteristics, having a turn-

table on which the wheel to be aligned may be swung as in steering the vehicle, means rotatably supporting the turntable, a record holding means secured to said turntable supporting means in fixed relation thereto, and means swung with the wheel contacting the face of the record on said record holding means and indicating thereon the swinging movement of the wheel, the face of said



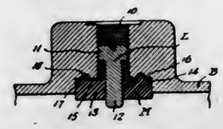
record holding means being cylindrically curved to substantially conform to the path traveled by said indicating means and also to indicate any vertical travel of said indicating means, adjusting means for said record holding means to adjust the face of said record holding means to bring it into parallelism with the inclination of the kingpin on which said wheel swings.

2,438,359
TELEVISION RECEIVER CIRCUITS AND APPARATUS
Richard G. Clapp, Haverford, Pa., assignor to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application August 1, 1946, Serial No. 687,639
2 Claims. (Cl. 315—27)



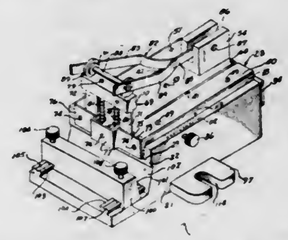
1. In a television receiver, a source of deflecting signals, a cathode ray tube having a deflecting coil and a high voltage anode, means including said source for generating a high, direct-current potential, means for applying said potential to said anode, and an attenuator inserted between said source and said deflecting coil, said attenuator being constructed and arranged, in conjunction with said load, to maintain the effective load on said source fixed despite variations in the adjustment of said attenuator, said attenuator comprising: a first inductance coil connected serially between said source and said deflecting coil, a second inductance coil connected in shunt with said deflecting coil, and an inductance-varying core member common to both of said inductance coils and movable with respect thereto, movement of said core member affecting the inductance of said coils in opposite senses.

2,438,360
REGULATOR STEM SEAL
John J. Delany, Brooklyn, N. Y., assignor to Delany Realty Corporation, New York, N. Y., a corporation of New York
Application November 11, 1944, Serial No. 562,957
1 Claim. (Cl. 286—26)



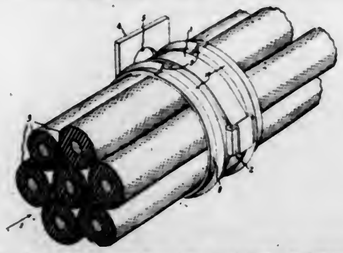
In a device of the character set forth, a casing adapted to contain a fluid under pressure in excess of atmospheric pressure, said casing having a recess in its inner surface defined by an inner wall and an angularly related side wall extending inwardly from said inner wall, said recess being formed with an aperture opening at its opposite ends respectively through the outer surface of the casing and the inner wall of the recess, a regulating element fitted within and adjustable longitudinally of said aperture with its inner terminal extending through and protruding from the recess into said casing, a compressible elastic sealing member having an opening compressed about the regulating element and arranged within the recess for preventing leakage through the aperture in the casing, said inner wall of the recess being formed with an endless groove spaced from and disposed in surrounding relation to said aperture therein and said sealing element being formed with an endless rib on the face thereof confronting the inner wall of the recess, said rib being of greater height than the depth of the groove and of lesser width than the width of the groove to permit the fluid pressure within the casing to depress the height and increase the width of the rib so as to fill the groove and render the action of the sealing member more effective.

2,438,361
BELT SPLICING DEVICE
Percy W. Doblin, Brooklyn, and Handel Ashworth, Baldwin, N. Y.
Application January 3, 1946, Serial No. 638,870
9 Claims. (Cl. 1—3)



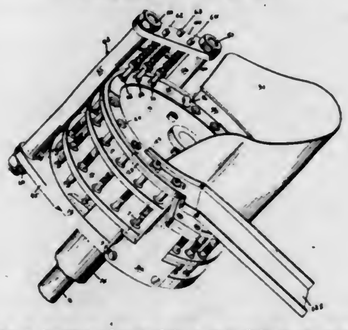
1. In a device for splicing V belts, a base, means on said base to hold the beveled ends of a V belt in matched relation, said means having angular faces corresponding to the side edges of said belt, a carriage on said base, means in said carriage adapted to receive a plurality of staples, and means on said carriage for forcing at least one of said staples through the matched ends of said belt.

2,438,362
WIRE CLEAT
George F. Dunkelberger, Yeadon, and Charles A. Schehl, Manoa, Pa., assignors to General Electric Company, a corporation of New York
Application September 29, 1945, Serial No. 619,406
2 Claims. (Cl. 174—40)



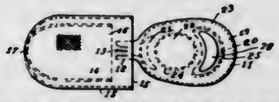
1. In an arrangement for holding a bundle of wires together for attachment to a support, a strip of insulating material adapted to surround the bundle of wires with the ends of the strip overlapping, a pair of parallel arranged longitudinally extending indentations on one side of said strip and corresponding ridges on the other side of the strip, said ridges on one end of the overlapping portions of said strip being adapted to interengage with the indentations on the other end of the strip to prevent lateral displacement of the overlapping ends thereof and an adjustable loop clamp around the outside of said strip between said ridges for preventing relative lateral movement of the clamp and the strip.

2,438,363
BUTTON BROACHING MACHINE
Jules Friedman, New York, N. Y.
Application October 27, 1943, Serial No. 507,821
4 Claims. (Cl. 79—1)



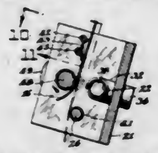
1. In a button broaching machine; a continuously rotatable member having a plurality of recesses for receiving and positioning buttons having holes to be broached; each of said recesses having an opening registering with the section of the button having said holes; a punch individual to each recess and having prongs introducible into the opening of said recess; and means for mounting each of said punches in a position normal to the plane of the recess with which it cooperates; said punch mounting means being connected to the said continuously rotatable member and movable therewith; each punch being at all times in registry with its recess; and a stationary guide plate mounted beneath said continuously rotatable member and said punch mounting means; the lower end of each punch moving along the surface of said guide plate; said guide plate having a ramp in the path of movement of said punches; the punches successively rising as their lower ends move onto the ramp; the opposite ends of the punches carrying the prongs moving into engagement with the button positioned with respect thereto; a stationary curved friction surfaced member disposed above the plane of said stationary guide plate and substantially in alignment with said ramp; said last mentioned member extending along the path of movement of said punches; a friction surface on said punches registerable with said friction surfaces member; said punches moving successively into engagement with said friction surfaced member and being rotated by their movement with respect thereto, as they are raised, to cause said prongs to register with said holes to be broached; and means cooperating with each punch as it is raised to effect the broaching of the button.

2,438,364
BUNION PROTECTOR AND MEANS THEREON FOR HOLDING THE SAME IN PLACE
Milton B. Goldbaum, Brooklyn, N. Y.
Application August 21, 1945, Serial No. 611,709
2 Claims. (Cl. 128—81)



1. As an article of manufacture a bunion protector and a tubular member of soft elastic material of relatively excessive length open at the outer end thereof, and connected at the inner end thereof to the protector, said member being adapted to enclose the toe of the patient, the length of said member being greater than the possible distance from the bunion of any patient to the end of his toe, and the outer end of the said member being adapted, when the said protector is in position, to extend beyond the tip of the toe and to be twisted and retroverted over the end of the toe, whereby to keep the protector from being displaced longitudinally on the foot of the patient.

2,438,365
STOP MEANS FOR TEXTILE APPARATUS AND THE LIKE
Carlos A. Hepp, Palisade, and Peter Schoenster, West New York, N. J., assignors, by mesne assignments, to Alfred Hofmann & Company, West New York, N. J., a corporation of New Jersey
Application November 17, 1944, Serial No. 563,930
10 Claims. (Cl. 66—163)

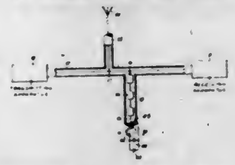


1. A device of the character described for controlling an apparatus in response to strand failure comprising a vertically suspended laterally movable circuit control switch element adapted to be positioned adjacent a portion of the strand moving along the normal path of travel determined by the machine, and pressure means operative upon failure of the strand to forcibly move said portion laterally so that it will operate the element.

2,438,366
DRYING OF TEXTILE MATERIALS
James William Illingworth, Little Aston, Sutton Coldfield, England, assignor to Dunlop Rubber Company Limited, London, England, a British company
No Drawing. Application February 19, 1946, Serial No. 648,816. In Great Britain April 1, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires February 11, 1964
6 Claims. (Cl. 117—103)

1. The process of treating tire fabrics which comprises impregnating the fabric with an aqueous dispersion of rubber hydrocarbons and phenolic resin forming reagents and subjecting said fabric for a fraction of a second to dry steam at substantially atmospheric pressure and at a temperature of about 140° C.

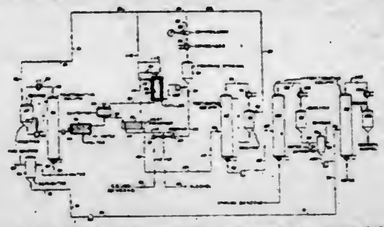
2,438,367
TRANSMITTER-RECEIVER SWITCHING SYSTEM
James E. Keister, Scotia, N. Y., assignor to General Electric Company, a corporation of New York
Application October 24, 1942, Serial No. 463,173
3 Claims. (Cl. 250—13)



1. In combination, a transmission line, receiving apparatus connected thereto to receive oscillations over said line, a transmitter connected to said line to supply oscillations thereover, an impedance means connected across said line at a point between said transmitter and receiver, an output terminal connected to said line between said point and said transmitter, the impedance of said means being low during the high voltages produced by said transmitter and high during the absence of said high voltages, said means comprising a branch transmission line having a length equal to a multiple of a quarter wave length of said oscillations and having a plurality of quarter wave length sections of alternately high and low impedance, and a non-linear impedance element connected across said branch line at its end remote from said point, the distance between said end and said terminal being equal to an odd number of quarter wave lengths at the frequency of said oscillations.

2,438,368
METHOD OF PURIFYING BENZENE
William O. Keeling, Pittsburgh, Pa., assignor to Koppers Company, Inc., Pittsburgh, Pa., a corporation of Delaware
Application April 9, 1945, Serial No. 587,254
7 Claims. (Cl. 260—674)

1. A method of recovering benzene of a high degree of purity from impure benzene comprising: mixing under pressure impure benzene with a mixture of solvents comprising propane and isopropyl alcohol which forms an azeotropic mixture with the benzene, reducing the pressure of the mixture while thoroughly stirring the mixture to evaporate the propane and rapidly crystallize the benzene as fine-grained separate crystals, separating the crystallized benzene from the



liquid mixture, melting the crystals and distilling the benzene to recover a pure benzene, distilling the liquid mixture separated from the crystals to recover pure benzene from the solvent-benzene azeotropic mixture.

2,438,369
PRODUCTION OF DICARBOXYLIC ACIDS OR ANHYDRIDES THEREOF
Irving E. Levine, Berkeley, Calif., assignor to California Research Corporation, San Francisco, Calif., a corporation of Delaware
Application May 30, 1945, Serial No. 596,645
14 Claims. (Cl. 260—342)

1. A process of manufacturing a benzene ortho dicarboxylic acid anhydride by oxidation in vapor phase of a mixture of aliphatic substituted benzenes having aliphatic radicals of 1 to 3 carbon atoms, a major proportion of said aliphatic substituted benzenes having two aliphatic groups positioned ortho to each other on the benzene ring and a minor but substantial proportion having meta and para aliphatic substituents, said process comprising the steps of oxidizing the ortho aliphatic substituted benzenes to a benzene ortho dicarboxylic acid anhydride and simultaneously selectively over-oxidizing said meta and para aliphatic substituted benzenes at least to the point of ring rupture by passing said mixture in vapor phase over a vanadium oxide catalyst at a catalyst temperature of from about 990 to about 1175° F., and separating said benzene ortho dicarboxylic acid anhydride from said oxidized gases.

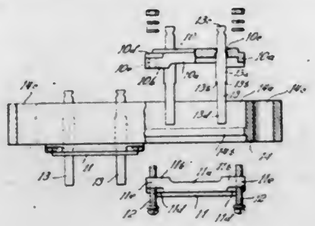
2,438,370
INSECTICIDE
Allen H. Lewis, Berkeley, Calif., assignor, by mesne assignments, to California Research Corporation, San Francisco, Calif., a corporation of Delaware
No Drawing. Application July 27, 1943, Serial No. 496,310
2 Claims. (Cl. 167—24)

1. An insecticidal composition comprising as its principal toxic ingredient pyrethrum and the benzene sulfonic acid amide from the reduced nitrogen bases from petroleum.

2,438,371
DISENGAGEABLE ELECTRICAL CIRCUIT CONNECTOR
Richard C. Marholz, Chicago, Ill., assignor, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill., a corporation of Illinois
Application July 21, 1944, Serial No. 545,911
4 Claims. (Cl. 173—328)

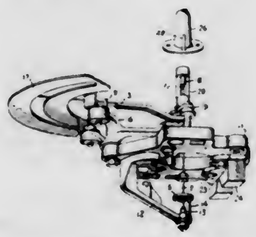
1. A disengageable electrical circuit connector including in combination an open frame, an in-

ternal rib within said frame, a pair of complementary opposed wafers of insulation material positioned within said open frame on opposite sides of said internal rib and each having a plurality of recesses oppositely positioned and each pair of opposed recesses providing a cavity therebetween, contact means in each pair of recesses having a portion in the cavity dimensioned for



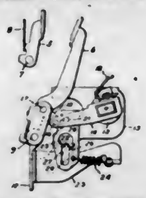
floating movement therein as limited by the walls of such recesses, said contact means having another portion extending out of a wafer for receiving a circuit connection thereto, and fastening means through said wafers to clamp the pair of wafers toward one another against the internal rib, said wafers being maintained rigid in the frame but each said contact means floating within limits in the wafers.

2,438,372
PRECISION MAGNETOMETER
Lewis I. Mendelsohn, Lynn, Mass., assignor to General Electric Company, a corporation of New York
Application October 1, 1945, Serial No. 619,659
2 Claims. (Cl. 175—183)



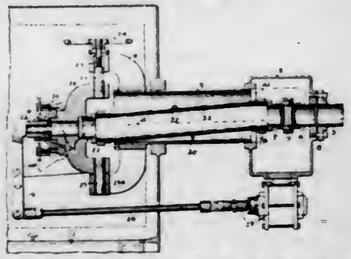
1. A magnetometer comprising a pivoted shaft having thereon a pointer and an armature polarized at right angles to the shaft, a scale with which said pointer cooperates, a stop for said shaft, a spring for rotatively biasing the shaft with its pointer downscale against said stop such position being referred to as the pointer stop position, said spring being adjusted such that if the stop were removed the spring would rotate the shaft and pointer further in a downscale direction through an angle of the order of 80 degrees from the pointer stop position, said instrument being adapted to be placed in a unidirectional magnetic field to be measured with its shaft at right angles to such field and with the polarized armature, in the pointer stop position thereof, partially opposing such field and with its polarized axis at an angle of the order of 50 degrees to the direction of such field and with such field producing upscale torque on said armature.

2,438,373
ELECTRIC SWITCH
John A. Oppel, Upper Darby, Pa., assignor to General Electric Company, a corporation of New York
Application April 12, 1946, Serial No. 661,551
8 Claims. (Cl. 200—169)



3. For use with a circuit breaker provided with a stationary contact and a movable contact and wherein the movable contact tends to move from the circuit open position into engagement with or arc-striking proximity to the stationary contact under the abrupt effects of shock and rebound, an arrangement for preventing such movement of the movable contact under such conditions comprising a catch mounted to partake of the movement of the movable contact and to move relatively thereto, said catch being provided with a longitudinal slot having a relatively narrow straight portion with substantially parallel sides of different lengths and a wider portion having a plane deflecting surface intersecting the longer side of the straight portion and a plane catch surface intersecting the shorter side of the straight portion, a semicylindrical stationary pin mounted to project into the slot in said catch for engagement of its plane surface with one or the other of the plane surfaces of the slot, and means biasing said catch for movement in a direction to cause the side of the slot having the deflecting surface to bear on said pin, the construction and arrangement of parts being such that when the movable contact is in the circuit open position sudden movement thereof toward the stationary contact effects movement of the catch against the bias thereon to cause the catch surface of the slot to engage the flat side of said pin whereby to arrest movement of the movable contact in the circuit closing direction and upon subsidence of the condition causing such movement the narrow portion of the slot becomes relocated relatively to said pin whereby to permit a normal circuit closing operation of the circuit breaker.

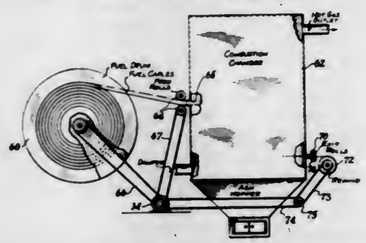
2,438,374
APPARATUS FOR FLUID-TREATING LENGTHY MATERIAL
Justin H. Ramsey, Allendale, N. J.
Application October 19, 1945, Serial No. 623,346
4 Claims. (Cl. 18—6)



4. In an apparatus for individually fluid-treating lengths of flexible material differing in diam-

eter, the combination of a fluid-receiving passaged structure including three adjoining sections together providing, uninterrupted, the passage of said structure through which to pass each length lengthwise of itself and of the passage and in one direction, the three adjoining sections lying in a vertical plane, the two sections first and last to be passed by such length having their passage-portions substantially horizontal and the latter of such two sections having means to hold therein any one of a set of fluid seals having apertures of different diameters and with the aperture of the seal so held coaxial with the passage portion of such section, the intermediate section of the passaged structure being flexible throughout its length, so that the passaged structure in such intermediate section is flexible in a vertical plane, and supporting structure for said first and last sections including means to adjust one of them vertically relative to the other, said adjusting means comprising a first adjusting part fixed with relation to the first section of the passaged structure, a second adjusting part fixed to the last section of the passaged structure, and an adjustable connection between the first and second parts of the adjusting means, said adjustable connection providing for the substantial vertical adjustment of such first and second parts of the adjusting mechanism and thus the adjustment of the first and last sections of the passaged structure.

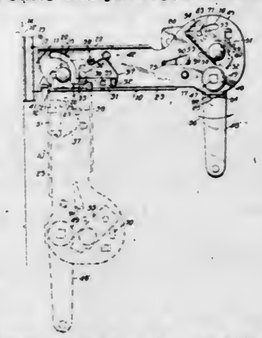
2,438,375
APPARATUS FOR FEEDING FUEL CABLES TO FURNACES
Sydney Rogow, New York, N. Y.
Application March 29, 1945, Serial No. 585,517
1 Claim. (Cl. 110—101)



In fuel burning apparatus of the character described, a furnace structure having a combustion chamber, a drum carrying a fuel cable at one side of the furnace, said fuel cable being carried by a non-combustible strand, a rewind roll at the opposite side of the furnace to receive thereon the non-combustible strand, a set of guide rolls for directing the cable into the combustion chamber, a set of guide rolls for directing the strand onto the rewind roll with the fuel cable consumed during passage through the combustion chamber and a motor drive for the drum and rewind roll.

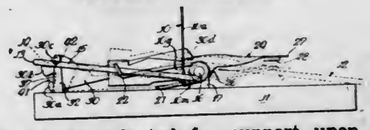
2,438,376
CAN OPENER
George Randall Squires, Rockaway, N. J.
Application February 26, 1945, Serial No. 579,714
9 Claims. (Cl. 30—8)

1. In combination, a substantially horizontal bracket plate disposed in a vertical plane, the outer end being provided with a bearing opening; a shaft in said opening having a crank fast on one end and a traction wheel on the other; a pivot pin above the shaft fast in the plate; a knife plate having a cutting end, and pivoted on the pivot pin with the pointed cutting end normally angularly disposed rearwardly relative to the forward rotation of the wheel; a lever pivoted near its inner end on the bracket plate near said shaft and having an end projection pointing toward the shaft; the outer arm of the lever having its outer end part approximately parallel



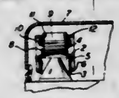
to said knife plate; a link connecting the outer end of the lever and the outer end of the knife plate; a cam plate on said shaft having a forward cam edge adapted to engage said end projection as the shaft rotates forwardly to cause the pointed knife end to puncture a can head the rim of which is placed against said wheel between said wheel and blade.

2,438,377
BARRIER FOR ANIMAL TRAPS
Herbert A. Stilson, Chicago, Ill., assignor to McGill Metal Products Corporation, Marengo, Ill., a corporation of Illinois
Application July 26, 1945, Serial No. 607,152
14 Claims. (Cl. 43—81)



1. A barrier adapted for support upon the coiled striker biasing spring of an animal trap to block one animal approach to the bait treadle of the trap, comprising a body portion adapted to extend upwardly from the trap base to provide the approach barrier, and support means adapted to be wrapped around the coiled striker biasing spring to provide a pivotal support for said body portion.

2,438,378
SNUFFER CAP ASSEMBLY
Eric Wedemeyer, Floral Park, N. Y., assignor to Hamilton Art Metal Corporation, New York, N. Y., a corporation of New York
Application December 30, 1944, Serial No. 570,518
2 Claims. (Cl. 67—7.1)



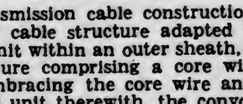
1. In a snuffer cap assembly for pyrophoric lighters, the combination of a frame member of inverted U-shaped longitudinal sectional configuration and having two opposed open sides, a

spring retainer of inverted cup shape configuration removably mounted in the upper portion of said frame member, a coil spring having an end extending into the interior of said cup shaped spring retainer, and a wick cap slidably disposed in said frame member and having a cylindrical portion closed at one end by a spherical portion with the convex side on the outside, the other end of said coil spring bearing against the concave side of said spherical portion.

2,438,379
PRODUCTION OF CATALYSTS
Raymond C. Archibald, Berkeley, and Bernard S. Greensfelder and Frank T. Eggertsen, Oakland, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application February 20, 1946, Serial No. 649,122
7 Claims. (Cl. 252—259)

1. Process for the production of gel type catalysts which comprises displacing water in a hydrous inorganic oxide gel with a non-aqueous organic liquid at least partially miscible with water and having a boiling point below about 200° C., heating the gel with said liquid under a pressure of at least 100 p. s. i. to a temperature between the normal boiling point and the critical temperature of said liquid and then exploding the gel by sudden release of the pressure.

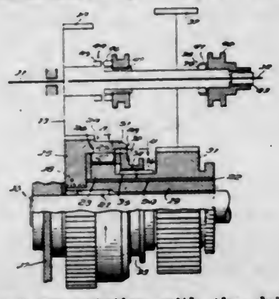
2,438,380
TRANSMISSION CABLE
Charles A. Arens, Chicago, Ill., assignor to Arens Controls, Inc., Chicago, Ill., a corporation of Illinois
Application May 31, 1944, Serial No. 538,170
1 Claim. (Cl. 74—501)



In a transmission cable construction, a composite inner cable structure adapted for movement as a unit within an outer sheath, said inner cable structure comprising a core wire, a first wire coil embracing the core wire and forming a structural unit therewith, the convolutions of the wire coil being in spaced relation, but being sufficiently closely spaced so as to enable the core wire to resist stresses of compression without lateral buckling, and a second helically formed wire coil, the convolutions of said second wire coil also being in spaced relation and being of the same pitch as the convolutions of the first named wire coil, said second wire coil being materially shorter than the first wire coil and the two wire coils being arranged in interthreaded engagement substantially along the length of the second wire coil.

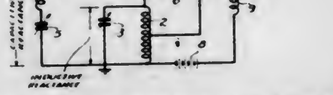
2,438,381
LOCKUP ONE-WAY TORSIONAL FORCE EXERTING DEVICE
Oscar H. Banker, Evanston, Ill., assignor to New Products Corporation, Chicago, Ill., a corporation of Delaware
Application February 25, 1946, Serial No. 649,930
9 Claims. (Cl. 192—48)

1. In an overrunning power transmitting train, an overrunning clutch device including a rotatable driving part and a rotatable driven part coaxial with the driving part, a rotatable driven member coaxial with said driven part, and means for driving said driven member optionally from said parts comprising a bridging structure having meshed-element connections with said driven part and said driven member and adjustable axially of said parts and said elements incident to sliding the elements in said connections, and a dental clutch including components respectively



constrained for rotation with the driving part and with said bridging structure and optionally meshable by the axial adjustment of said structure, and the connection between said structure and said driven part being constructed and arranged to provide for limited relative rotation of said structure and said driven part.

2,438,382
OSCILLATION GENERATOR
Leo W. Born, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application May 5, 1945, Serial No. 592,091
5 Claims. (Cl. 250—36)



1. An oscillation generator comprising an electron discharge tube having a cathode, an anode and at least one grid, a direct current source having its negative terminal grounded and its positive terminal connected to said anode through an inductive impedance, a parallel resonant circuit connected from ground through a grid resistor to said grid, a capacitor in shunt with said resistor, a conductor interconnecting the cathode and an intermediate point on the inductive element of said parallel resonant circuit, and a series resonant circuit in shunt with said parallel resonant circuit and having its inductive and capacitive elements adjusted to produce resonance at a frequency somewhat higher than the frequency of the oscillations to be generated.

2,438,383
UNSHORTING SWITCH
Robert B. Brode, Berkeley, Calif., assignor to the United States of America as represented by the Secretary of the Navy
Application September 4, 1943, Serial No. 501,305
6 Claims. (Cl. 200—80)

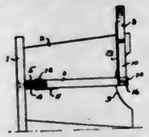
1. An unshorting switch for use in the electrical control circuit of a projectile and including

a cylindrical container body, a shorting wire having a portion stretched across a radially extending opening in said body, an element in said opening having a cutting edge rotatable about a shaft with its ends slidably mounted in a pair of axially disposed tracks in the sides of said opening at a distance from the center of the



body, a cover on the top of said body, resilient means for normally holding said element against said cover within said opening with its cutting edge upward and radially inward of the shaft, said element being movable downwardly in the opening in response to the force of set-back and turnable radially outwardly in response to centrifugal force so as to cut the shorting wire.

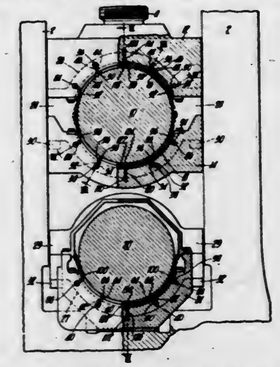
2,438,384
TOILET STOOL
Albert M. Broudy, Pittsburgh, Pa., assignor of one-half to James R. Snyder, Wilkinsburg, Pa.
Application April 18, 1945, Serial No. 589,042
2 Claims. (Cl. 155—31)



2. A toilet stool of the character described, comprising the combination of a pair of supporting legs, an oblong rectangularly-shaped top mounted on said legs, a toilet seat secured in the vertically edgewise position between said pair of legs and beneath said top, said toilet seat being provided with a seat opening that is open at its lower end, the lower end of said toilet seat being formed to provide a pair of depending bearing members, a closure panel mounted in said opening, a pair of pivoting pins fixed in respective bearing members and engaging said closure panel for pivotally connecting the latter to said toilet seat, a stop plate secured against the rear face of said toilet seat and depending into said opening for preventing the shifting of said closure panel in the rearward direction from said opening, a latching element mounted on the front face of said toilet seat and being adjustable for securing said closure panel in said opening, a holding bar mounted against said bearing members for preventing the shifting of said closure panel in the forward direction beyond a position at right angles with respect to said toilet seat, said closure panel having recessed side edges to provide clearances when said closure panel is in said rightangular position, means for securing said holding bar in position against said bearing members and for reenforcing the latter, and a sanitary shield mounted against the rear face of said closure panel.

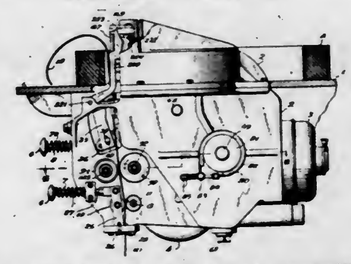
2,438,385
METHOD AND APPARATUS FOR COOLING AND LUBRICATING BEARINGS
Raymond A. Burkhart and William M. Finlayson, Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corporation, a corporation of New Jersey
Application July 7, 1945, Serial No. 603,612
14 Claims. (Cl. 308—123)

11. A bearing which partially encompasses a rotating shaft and has load bearing contact therewith, means for introducing lubricating water under pressure directly between the shaft and the bearing at a point of substantially maximum bearing pressure, means for introducing water soluble oil under pressure directly between the shaft and the bearing substantially at the crown of the bearing, and means for spraying



water along the exposed surfaces of the rotating shaft substantially tangentially thereto and in a direction away from the bearing edges in the bearing area of the shaft, whereby the shaft and bearing are cooled and foreign substances are prevented from entering between the shaft and bearing.

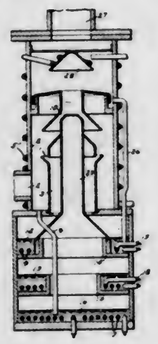
2,438,386
BUNDLE BINDING MACHINE
Paul A. Chamberlain, Chicago, Ill., assignor to Signode Steel Strapping Company, Chicago, Ill., a corporation of Delaware
Application July 12, 1945, Serial No. 604,615
10 Claims. (Cl. 100—31)



1. A bundle-binding machine comprising a support for holding a bundle in binding position; means for feeding binder forward from a source of binder supply to the binding position to enable the operator to loop it about the bundle; means for guiding the free end of the binder to a sealing position lapping the binder from the source; a gripper for pressing the binder near its free end against the bundle to cause said end to be anchored; tensioning means for retracting the binder to shrink and tension the loop thereof upon the bundle; sealing means for deforming the lapping portions of binder to form joint therebetween to render the tensioned loop permanent; a cutter for severing the binder between the loop about the bundle and the source of supply; a series of cams, one for actuating the gripper, a second for actuating the tensioning means, and a third for actuating the sealing means and cutter; operative connections between the several cams and respectively the gripper,

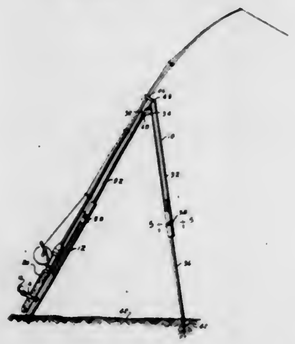
the tensioning means, and the sealing means and cutter; a motor; and a common driving connection between the motor and the cams.

2,438,387
PUMP
August P. Colaiaco, Pittsburgh, Pa., assignor, by mesne assignments, to the United States of America, as represented by the United States Atomic Energy Commission
Application September 18, 1945, Serial No. 617,125
6 Claims. (Cl. 230—101)



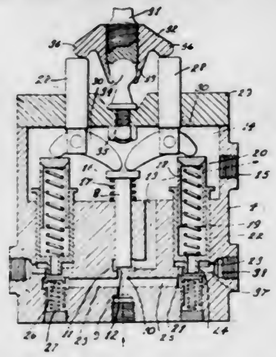
1. A vapor pump for operation against high back pressures comprising a pumping jet, a boiler for supplying large quantities of vapor to said jet, said boiler including a main boiler area and a superimposed boiler area and individual heating means for each of said boiler areas.

2,438,388
FISHING POLE HOLDER
Harold George Dolk, Hoquiam, Wash., assignor of one-half to Clarence M. Manker, Portland, Oreg.
Application May 8, 1946, Serial No. 668,120
1 Claim. (Cl. 248—42)



A device of the character described, comprising several tubular members, an ovalized bevelled face on the upper end of one of said tubular members which is adapted to engage the rod-like member in the other tubular member to limit the pivotal movement of said rod-like member and said tubular member, rod like members telescopically mounted in said members, a pair of opposed parallel projections formed on the tubular member having the ovalized bevelled face below said face and a pin connecting said projections to said rod-like member for pivotally connecting said tubular member to said rod like member and means on one of said tubular members and said rod like members for supporting a fishing rod in parallel alignment therewith.

2,438,389
HYDRAULIC SELECTOR VALVE MECHANISM FOR HYDRAULIC SERVOMOTORS
Stanley Howard Edge, Lincoln, England
Application December 10, 1942, Serial No. 468,566
In Great Britain October 20, 1941
6 Claims. (Cl. 60—97)

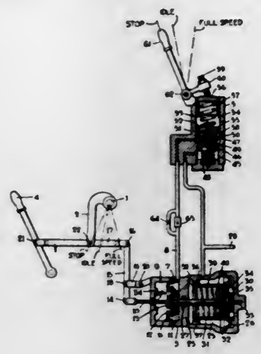


1. Hydraulic control mechanism comprising a valve housing having an inlet and an outlet, means connected to the inlet and outlet for circulating fluid under pressure through said housing, a number of hydraulic servomotors connected to said housing, a shut-off valve interposed between the inlet and outlet of the housing for controlling the circulation of fluid therethrough, said shut-off valve being normally urged to open position, a number of selector valves disposed operatively in positions parallel to said shut-off valve and each communicating with the inlet side of the shut-off valve and adapted to control the flow of pressure fluid to one of said servomotors, a number of depressible plungers each having a beam pivoted to its lower end, one end of said beam bearing upon the shut-off valve and the other end of said beam bearing upon a selector valve, a common actuating member adapted to engage selectively any one of said plungers to cause diversion of pressure fluid from the inlet to the appropriate servomotor, and spring means for restoring the parts to inoperative positions after operation.

2,438,390
CONTROL APPARATUS
Erik G. Erson, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application March 30, 1944, Serial No. 528,699
6 Claims. (Cl. 121—38)

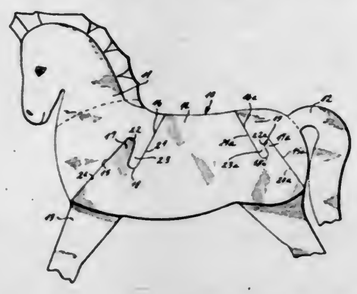
1. In combination, a source of fluid under pressure, an adjustable member having two different positions, control means operable by fluid under pressure to move said member from one of said positions to the other position, mechanism con-

nected to said control means for operating said control means to move said member to said one position upon release of fluid under pressure from said control means, other control means operable by pressure of fluid in said source to render



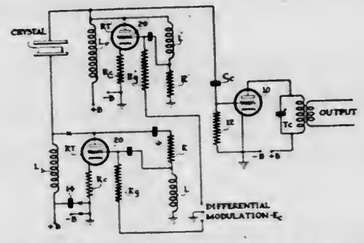
said mechanism effective, and upon loss of fluid under pressure from said source ineffective, and means for supplying fluid under pressure to and releasing fluid under pressure from said control means.

2,438,391
JOINTED STRUCTURE
Mabel H. Gallagher, Chicago, Ill.
Application April 4, 1945, Serial No. 586,602
2 Claims. (Cl. 46—22)



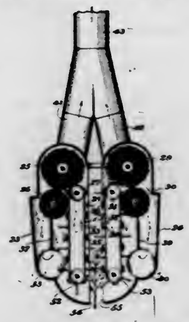
1. A toy comprising a solid body shaped in the similitude of an animal and having a separable head and a separable tail, said body having a slot at its head end and a second slot at its tail end, the sides of said slots being closed with the ends of the slot being open, said head having a part enterable in the head end slot, said tail having a part enterable in the tail end slot, the head end slot and margins of the enterable parts of said head having complemental surfaces to interlock against relative rocking or tilting motion when the head is entered in its slot, the tail end slot and the margins of the enterable part of said tail having complemental surfaces to interlock against relative rocking or tilting motion when said tail is entered in its slot, and the complemental surfaces of the head and the head end slot being different from the complemental surfaces of the tail and the tail end slot to prevent insertion of the tail into the head end slot and of the head into the tail end slot, said parts being connectable and disconnectable by relative movement endwise of the slots with the direction of movement of the parts being connected and disconnected in planes parallel to the planes of the side surfaces of the body.

2,438,392
OSCILLATION GENERATION CONTROL
Paul D. Gerber, Woodlynne, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application May 6, 1944, Serial No. 534,429
17 Claims. (Cl. 179—171.5)



3. In apparatus for controlling the frequency of operation of a generator of the type wherein a crystal is in shunt to the control grid to cathode impedance of an electron discharge device, the apparatus comprising a variable inductance and a variable capacity in series with the crystal for altering the point of operation of the crystal on its frequency versus reactance characteristic, and means for controlling the varying inductance and the capacity differentially in accordance with control potentials.

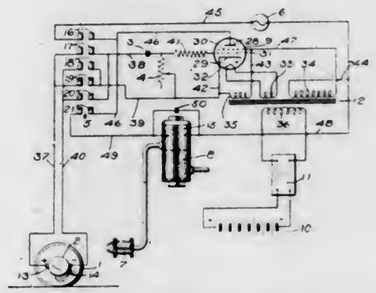
2,438,393
MACHINE FOR PICKING COTTON
James Henry Hamner, James Carl Hamner, and Lloyd Henry Hamner, Clarksdale, Miss.
Application August 12, 1946, Serial No. 690,064
13 Claims. (Cl. 56—49)



1. In a cotton picker machine, including a pair of cotton picking belt units comprising flights, each of said upwardly traveling belt flights being in opposed position facing each other, said upwardly traveling flights having surfaces which extend from front to rear of said machine, said belt surfaces of each belt having a plurality of spaced spindles projecting therefrom, at least one of said belt surfaces having a plurality of members provided with tooth means, said last

named members projecting a lesser distance than said spindles toward the upwardly traveling flight of the other belt, whereby the said spindles strip the cotton from the stalks and bring the cotton into contact with said members while simultaneously guiding the stalks from the advancing to the trailing ends of said units while said members provided with tooth means engage the lint cotton brought in contact with said members by said spindles, and means located adjacent the tops of the said flights of said belts for removing the lint cotton from said members, at least some of said members with tooth means on one upwardly traveling flight being opposed to at least some of said spindles on the upwardly traveling flight of the other belt.

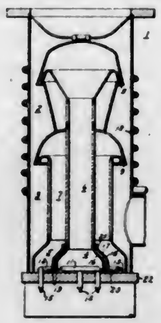
2,438,394
ELECTRONIC VEHICLE CONTROL APPARATUS
Claude M. Hines, Verona, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application July 28, 1944, Serial No. 547,031
14 Claims. (Cl. 192—2)



1. In a propulsion and braking control apparatus for a vehicle of the type having a controller operative at one time to effect application of propulsion power to a wheel unit of the vehicle and at another time to effect application of braking power to the said wheel unit, the combination of means selectively and alternatively conditioned under the control of the said controller for operating responsively to the slipping of the wheel unit during application of propulsion power to the wheel unit or for operating responsively to the slipping of the wheel unit during application of braking power to the wheel unit, signal means arranged to be responsive to operation of said wheel slip responsive means during application of propulsion power to the wheel unit for indicating wheel slippage, and means arranged to be responsive to operation of said wheel slip responsive means during application of braking power to the wheel unit for causing a reduction in the degree of braking power applied to the wheel unit.

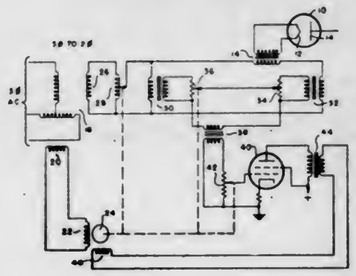
2,438,395
PUMP
Dwight L. Hopper, Wilkinsburg, Pa., assignor, by mesne assignments, to the United States of America, as represented by the United States Atomic Energy Commission
Application October 12, 1944, Serial No. 558,355
6 Claims. (Cl. 230—101)

1. A multistage vapor pump comprising a plurality of pumping stages, a boiler compartment for each pumping stage, heating means for each



boiler compartment, and a double walled heat barrier between the boiler compartments.

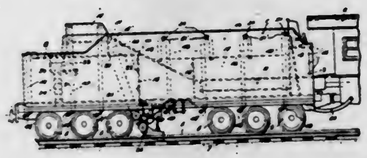
2,438,396
ELECTRONIC DEVICE CIRCUIT
Gordon B. Jacobs, Carthage, N. Y., and Oliver I. Steigerwalt, Chicago, Ill., assignors to the United States of America as represented by the Secretary of War
Application March 4, 1946, Serial No. 651,935
3 Claims. (Cl. 315—106)



1. A circuit arrangement for maintaining substantially constant temperature in a magnetron filamentary cathode, that comprises a source of polyphase alternating current, means for heating the cathode from said source, said means comprising an adjustable autotransformer for furnishing one phase of said alternating current to said cathode, and a multiwinding filament transformer between said autotransformer and said cathode, a multiwinding voltage transformer connected in parallel with the primary winding of said filament transformer, a multiwinding current transformer connected in series with the primary winding of said filament transformer, a compensating potentiometer connected across one winding of said voltage transformer, a second potentiometer connected across one winding of said current transformer and manually adjustable for presetting the temperature of said cathode, an amplifier for amplifying any difference voltage developed across said potentiometers, a multiwinding transformer coupling said potentiometers to the input of said amplifier, a gain adjusting potentiometer across the input to said amplifier, an induction motor having a pair of field windings, one of said windings being

energized with one phase of said polyphase alternating current, means for connecting the output of said amplifier to the second of said motor field windings to energize said second winding for movement of said motor upon development of a difference voltage between said compensating and manually adjustable potentiometers on change in temperature of said cathode, and means connecting said motor and said autotransformer, compensating potentiometer and gain adjusting potentiometer for adjustment of said autotransformer and potentiometers in accordance with movement of said motor.

2,438,397
LOCOMOTIVE TENDER AND WATER SCOOP
Carl F. Kantola, Dumont, N. J.
Application July 6, 1944, Serial No. 543,709
10 Claims. (Cl. 105—236)



3. A locomotive tender having a water chamber, a top filling inlet for delivering water into the chamber from a water column, a scoop for taking up and delivering water into the chamber from a track-pan, and a normally automatically closed closure for the filling inlet acting as a check valve adapted to open under the weight of the water when it is taken from a water column and to be held closed by and against the water pressure within the chamber when scooping.

2,438,398
PREPARATION OF CYCLOPENTADIENE
Robert M. Kennedy, Drexel Hill, Pa., assignor to Sun Oil Company, Philadelphia, Pa., a corporation of New Jersey
No Drawing. Application August 19, 1947, Serial No. 769,521
3 Claims. (Cl. 260—666)

1. A process for the dehydrogenation and cyclization of 1,3 pentadiene to 1,3 cyclopentadiene which comprises subjecting said 1,3 pentadiene to dehydrogenation at a temperature within the range of 300° C. to 700° C. for a time sufficient to effect a desired extent of dehydrogenation and cyclization.

2,438,399
PREPARATION OF CYCLOPENTADIENE
Robert M. Kennedy, Drexel Hill, and Stanford J. Hetzel, Cheltenham, Pa., assignors to Sun Oil Company, Philadelphia, Pa., a corporation of New Jersey
No Drawing. Application November 24, 1945, Serial No. 630,691
5 Claims. (Cl. 260—666)

1. A process for the dehydrogenation and cyclization of 1,3 pentadiene to 1,3 cyclopentadiene which comprises contacting 1,3 pentadiene with silica gel at a temperature of at least about 300° C. but not substantially above a temperature at which substantial decomposition of hydrocarbons present will take place for a time sufficient to effect a desired extent of conversion.

2,438,400
PREPARATION OF CYCLOPENTADIENE
Stanford J. Hetzel, Cheltenham, and Robert M. Kennedy, Drexel Hill, Pa., assignors to Sun Oil Company, Philadelphia, Pa., a corporation of New Jersey
No Drawing. Application November 24, 1945, Serial No. 630,692
5 Claims. (Cl. 260—666)

1. A process for the dehydrogenation and cyclization of 1,3 pentadiene to 1,3 cyclopentadiene which comprises contacting 1,3 pentadiene with a mass consisting essentially of chromic oxide on alumina at a temperature of at least about 300° C. but not substantially above a temperature at which substantial decomposition of hydrocarbons present will take place for a time sufficient to effect a desired extent of conversion.

2,438,401
PREPARATION OF CYCLOPENTADIENE
Robert M. Kennedy, Drexel Hill, and Stanford J. Hetzel, Cheltenham, Pa., assignors to Sun Oil Company, Philadelphia, Pa., a corporation of New Jersey
No Drawing. Application February 26, 1946, Serial No. 650,394
2 Claims. (Cl. 260—666)

1. A process for the dehydrogenation and cyclization to 1,3 cyclopentadiene of 1,3 pentadiene which comprises subjecting said compound to a dehydrogenation temperature within the range 300° C. to a temperature above which substantial decomposition of the hydrocarbons will take place in the presence of a contact mass consisting essentially of silicon carbide for a time sufficient to cause a desired extent of conversion to cyclopentadiene.

2,438,402
PREPARATION OF CYCLOPENTADIENE
Robert M. Kennedy, Drexel Hill, and Stanford J. Hetzel, Cheltenham, Pa., assignors to Sun Oil Company, Philadelphia, Pa., a corporation of New Jersey
No Drawing. Application August 19, 1947, Serial No. 769,522
5 Claims. (Cl. 260—666)

1. A process for the dehydrogenation and cyclization of 1,3 pentadiene to 1,3 cyclopentadiene which comprises contacting 1,3 pentadiene with fused alumina at a temperature of at least about 300° C. but not substantially above a temperature at which substantial decomposition of hydrocarbons present will take place for a time sufficient to effect a desired extent of conversion.

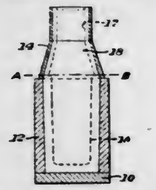
2,438,403
PREPARATION OF CYCLOPENTADIENE
Robert M. Kennedy, Drexel Hill, and Stanford J. Hetzel, Cheltenham, Pa., assignors to Sun Oil Company, Philadelphia, Pa., a corporation of New Jersey
No Drawing. Application August 19, 1947, Serial No. 769,523
5 Claims. (Cl. 260—666)

1. A process for the dehydrogenation and cyclization of 1,3 pentadiene to 1,3 cyclopentadiene which comprises contacting 1,3 pentadiene with a contact mass selected from the group consisting of subdivided iron and steel at a temperature of at least about 300° C. but not substantially above a temperature at which substantial decomposition by hydrocarbons present will take place for a time sufficient to effect a desired extent of conversion.

2,438,404
TREATMENT OF HYDROCARBONS
Stanford J. Hetzel, Cheltenham, and Robert M. Kennedy, Drexel Hill, Pa., assignors to Sun Oil Company, Philadelphia, Pa., a corporation of New Jersey
No Drawing. Application January 20, 1948, Serial No. 3,373
4 Claims. (Cl. 260—666)

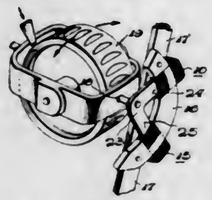
1. A process for the dehydrogenation and cyclization of 1,3 pentadiene to 1,3 cyclopentadiene which comprises contacting 1,3 pentadiene with a mass consisting essentially of a porous adsorbent alumina at a temperature of at least about 300° C. up to a temperature at which excessive decomposition of hydrocarbons present will take place for a time sufficient to effect a desired extent of dehydrogenation and cyclization.

2,438,405
METHOD FOR MANUFACTURING BIMETALLIC BODIES
James W. Kinnear, Jr., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation, a corporation of New Jersey
Application May 14, 1946, Serial No. 669,573
13 Claims. (Cl. 29—189)



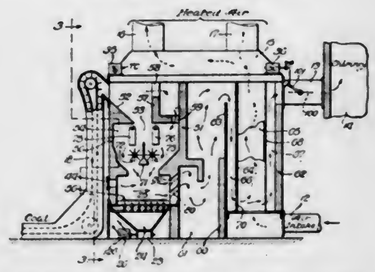
1. The method for making composite steel bodies, which comprises partially solidifying a body of molten steel while retaining an inner portion thereof liquid, alloying the liquid portion of said body by adding alloying metal thereto of predetermined composition, solidifying said liquid alloyed portion, providing an axial opening in said solidified body, enlarging the radial dimensions of said opening, longitudinally severing the wall of the body, imparting a substantially planar shape to said body, and hot deforming the resulting composite body to the desired dimensions.

2,438,406
VANE TYPE TRANSMITTER
Henry Konet, Paramus, N. J., assignor to Bendix Aviation Corporation, Teterboro, N. J., a corporation of Delaware
Application December 16, 1943, Serial No. 514,523
5 Claims. (Cl. 177—380)



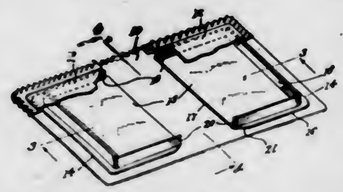
1. Means for transmitting signal voltage representative of a condition to a remote control point, comprising a normally energized and balanced bridge circuit including a pair of spaced inductances and a V-shaped rotor vane mounted for rotation opposite said inductances in response to the condition to be transmitted to said remote control point, to thereby vary the value of said inductances whereby said bridge circuit is unbalanced for transmission of a signal voltage corresponding to said condition to said remote control point.

2,438,407
HEATING PLANT AND FURNACE
John A. Kreuser, Chicago, Ill.
Application April 13, 1944, Serial No. 530,901
22 Claims. (Cl. 110—32)



10. In a furnace of the class described, wall means defining a coking chamber, a rotatable feed member disposed in said coking chamber, said feed member having radial vanes forming pockets for receiving coal, a conveyor for supplying coal for deposit in the pockets of said feed member, wall means defining a chamber forming a firebox provided with a grate disposed underneath said coking chamber, the heat radiating upwardly from said firebox being utilized for the conversion of the coal in the pockets of the rotatable member to form coke, a motor for controlling the operation of said rotatable member, variably adjustable timing means for periodically operating said motor for successive intervals of set duration, whereby said rotatable member is rotated by predetermined angular amounts to dispose said pockets angularly so as to release amounts of coke successively into said firebox for burning on the grate therein, and means governed by said motor for actuating the coal supply conveyor for like intervals of operation, whereby amounts of coal are supplied to the pockets of said rotatable member for coking therein which correspond substantially to the amounts of coke removed therefrom for burning on the grate in said firebox.

2,438,408
FLEXIBLE CIGARETTE CASE WITH REINFORCING MEANS
John A. Mace, Tampa, Fla.
Application September 22, 1944, Serial No. 555,310
1 Claim. (Cl. 206—41)



In combination with a flexible cigarette case having a pocket, a removable protective attachment comprising a substantially rigid plate having diagonal flanges extending upwardly from three edges thereof with the other edge flat and adapted to be slid into the pocket of the cigarette case with the flat edge toward the open mouth of the pocket, and a distending device associated with the said plate and consisting of three side members and an open side, two of the side members having their outer edges unsupported at the outer side and being resilient and flexible and given an outward bias diverging from one another, said device adapted to be slid into the pocket of said cigarette case on said plate and with the members of the device engaging the flanges of the plate, said members being substantially of the height of the thickness of a cigarette, said outwardly sprung members adapted to frictionally bind in the pocket of the case.

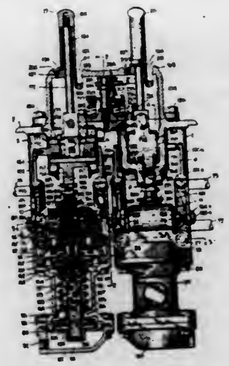
2,438,409
ADJUSTABLE HEADBAND CONSTRUCTION
Robert L. Malcom, Chicago, Ill., assignor to Chicago Eye Shield Company, a corporation of Illinois
Application August 7, 1946, Serial No. 688,917
2 Claims. (Cl. 2—8)



1. A head band comprising, a curved strip having adjacent the ends thereof elongated slots formed lengthwise of the strip and transverse slots intersecting the elongated slots, the ends of the strip being in overlapping relationship, a bolt member having a shank and a head and an elongated shoulder with the elongated shoulder located in the elongated slots and with the head adapted to be inserted through the transverse slots when they are aligned, and a nut member carried by the shank for clamping the ends of the strips between the head and the nut member.

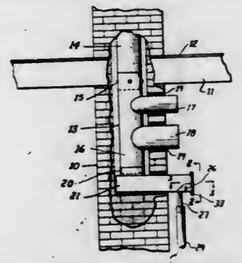
2,438,410
MANUALLY OPERATIVE SELECTIVE CONTROL DEVICE
Harry C. May, East McKeesport, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application April 30, 1943, Serial No. 485,114
4 Claims. (Cl. 74—471)

1. A mechanism for controlling operation of a plurality of independently operative devices comprising in combination, a rockable shaft operable upon rocking to control one of said devices and having an axial bore, a plunger slidably mounted in said bore, a lever having connections with said shaft and plunger and operable upon movement in a direction circumferentially of said shaft to rock same and upon movement in the direction of one end of said shaft to move said plunger axially in one direction relative to said shaft and upon movement in the reverse direction to move said plunger axially in the opposite direction relative to said shaft, means operable upon movement of said plunger



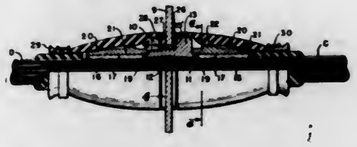
in one direction in said shaft to actuate a second one of said devices and in the opposite direction in said shaft to actuate a third one of said devices, and means cooperative with said lever rendering same operative to rock said shaft in positions of said lever in which said second or third device is actuated and rendering said lever non-operable to rock said shaft when said lever is out of said positions.

2,438,411
CHIMNEY CONSTRUCTION AND FITTING THEREFOR
Daniel Verne Meiller, Maywood, J. Donald Preble, La Grange, and Loren W. Tuttle, Mount Prospect, Ill.
Application May 9, 1945, Serial No. 592,738
6 Claims. (Cl. 72—94)



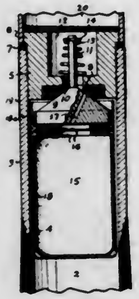
1. In chimney construction, a chimney, a fitting therein, a liner within said chimney opening at its lower end into said fitting, the latter and said chimney having clean out means giving access to the interior of said fitting through a side wall of said chimney, and condensate drainage means exterior of said chimney alongside said wall thereof with its upper end accessible through said clean out means and communicating with said fitting for receiving condensate therefrom.

2,438,412
CONDUIT COUPLING
Charles O. Morris, Van Nuys, Calif., assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Los Angeles, Calif., a corporation of California
Application December 13, 1944, Serial No. 568,013
3 Claims. (Cl. 174—153)



1. In a connector for coupling conduit or conductor elements through a bulkhead having an aperture therein, the combination of: an elongate tubular member adapted to be positioned in said aperture with its ends disposed on opposite sides of the bulkhead; means carried by each end of said tubular member for connection with an end of a coupled element; a pair of clamping elements carried by said member arranged to be respectively positioned on opposite sides of said bulkhead and be actuated into clamping relation with respect to the bulkhead; and an annular insulating member between the tubular member and the periphery of said aperture having associated end portions of insulating material extending outwardly between the clamping members and the bulkhead, said aperture and members being so formed as to prevent by their interengagement relative rotation between said members and the bulkhead.

2,438,413
LOW-PRESSURE TIRE SIGNAL
Harold G. Renner, Detroit, Mich.
Application May 15, 1944, Serial No. 535,679
22 Claims. (Cl. 116—34)



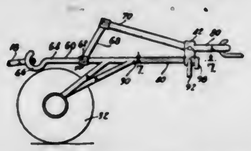
1. In a low pressure tire signal, the combination with a tire valve stem and its valve, of an expansible chamber carried by said valve and extending toward the inner end of the stem, said chamber confining a compressed gas and, when non-expanded, maintaining such gas at a pressure equal to that desired in the tire, said chamber being exteriorly subject to the pressure prevailing in the tire, and a signal element movable by said chamber upon its expansion due to a depletion of the tire pressure.

2,438,414
TRACTION REDUCER
Jacques M. J. Riboud, Mount Washington, Md., assignor to Specialty Equipment and Machinery Corp., New York, N. Y., a corporation of Maryland
Application March 1, 1944, Serial No. 524,834
In Canada March 22, 1943
3 Claims. (Cl. 280—3)



2. A device of the character described to be secured to a wheeled object, said device comprising a shaft, a drum mounted about the shaft, a driving wheel fixed to the shaft for rotation therewith, a direct connection between the driving wheel and a wheel of the wheeled object, rotation of the drum causing rotation of the shaft and of the driving wheel and rotation of the wheel of the wheeled object, the drum being hollow and having spring means therewithin to cause return rotation of the drum, the drum having means independent of the spring to limit the extent of return rotation of the drum, said last named means functioning when the drum has substantially reached the limit of return movement.

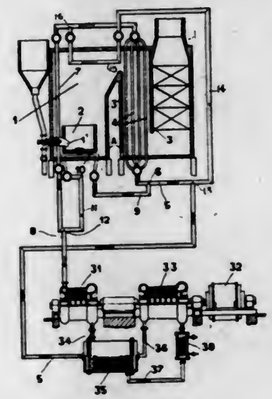
2,438,415
LIFTING DEVICE
Jacques M. J. Riboud, Mount Washington, Md., assignor to Specialty Equipment and Machinery Corp., New York, N. Y., a corporation of Maryland
Application March 1, 1944, Serial No. 524,835
1 Claim. (Cl. 254—8)



A lifting device comprising a shaft and an obtusely angulated lever having two arms and pivotally secured to the end of the shaft at the point of angulation of the lever, a collar on the shaft and slidable therealong, a link connecting the collar and lever, the shaft having a rack, and the collar having means therewithin normally engaging the rack permitting free movement of the collar in the direction along the shaft away from the point of angulation of the lever.

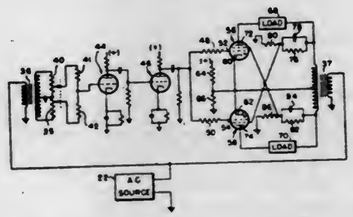
2,438,416
PULVERIZED FUEL BURNING GAS HEATER
Rudolf Ruegg, Zurich, Switzerland, assignor to Aktiengesellschaft Fuer Technische Studien, Zurich, Switzerland, a corporation of Switzerland
Application July 3, 1944, Serial No. 543,229
In Switzerland July 21, 1943
1 Claim. (Cl. 126—109)

A once-through heater for gases comprising in combination means enclosing a combustion chamber and an offtake for products of combustion; a burner for burning pulverized fuel in said chamber at temperatures above the fusing point of non-combustible components of the fuel burned; a slag collecting receptacle associated with said chamber enclosing means; a heating system arranged in said offtake; a pipe connected to said heating system for supplying aqueous medium to be heated; a second heating system arranged in said combustion chamber; means connecting said two heating systems in series as to the flow of the medium to be heated; a pipe connected to said second heating system for carrying off the medium heated in said two heating systems; a heat exchanger connected to said supply pipe at a point upstream as to said first



mentioned heating system and to said pipe for carrying off the heating medium at a point which is, when considered with reference to flow of said medium, beyond said second heating system and located to derive heat chiefly from and exercising a protective cooling effect upon the slag collecting receptacle; and a second surface heat exchanger located to derive heat directly from the ceiling of said combustion chamber and connected both to said supply pipe at a point upstream as to said first mentioned heating system and to said means connecting in series said two heating systems.

2,438,417
AMPLITUDE CONTROLLED CURRENT REGULATOR
Frederick A. Russell, Summit, N. J., assignor to the United States of America as represented by the Secretary of War
Application March 1, 1946, Serial No. 651,307
1 Claim. (Cl. 171—119)

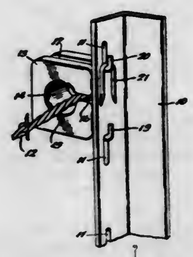


An electrical circuit for controlling the D.-C. currents which flow through first and second loads in a push-pull manner, said circuit comprising an A.-C. source, means associated with said A.-C. source for providing a control voltage which may be varied in amplitude from a maximum in the positive direction through zero to a maximum in the negative direction, first and second gas type electron tubes each having at least plate, cathode, screen grid and control grid elements, transformer means having a center tap on the secondary winding thereof connected to said cathode elements, and being associated with said A.-C. source for applying a portion of the output thereof through said first and second loads to said plate elements in 180 degree phase opposition, first and second phase shifter means associated with said transformer means and connected to said screen grid elements, said first and second phase shifter means being adapted to excite said screen grids of said first and second gas tubes substantially in 180 degree phase opposition, and means for applying said control voltage to both said control grids in phase, whereby the average current flowing through said first and second loads may be controlled in a push-pull manner by variation of the amplitude of said control voltage.

2,438,418
PROCESS FOR THE ISOLATION OF OLEANDRIN
August I. Ryer and Marie Frisch, New York, N. Y., assignors to Schering Corporation, Bloomfield, N. J., a corporation of New Jersey
No Drawing. Application June 22, 1945, Serial No. 601,084
9 Claims. (Cl. 260—210)

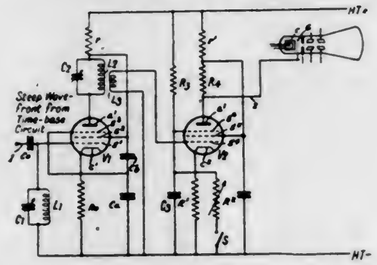
1. In a process for the isolation of oleandrin, the steps which comprise subjecting the impure solution of oleandrin to the action of lead acetate, separating the solution from the precipitate, and subjecting the solution to the action of an adsorbent for the remaining impurities and selected from the group consisting of fuller's earth, diatomaceous earth, alumina, and activated bauxite, and separating the purified solution from the adsorbent.

2,438,419
INSULATOR
Paul A. Schmidt, near Earlville, Ill.
Application October 22, 1945, Serial No. 623,678
6 Claims. (Cl. 174—163)



1. An insulator comprising a block of insulating material having an opening therein through which a wire may pass and formed with a slot in one side communicating with the opening, and a wire extending around the block with its end projecting beyond one side of the block and terminating in hooks bent at right angles to the wire ends to lie parallel to the adjacent block surface and facing in the same direction.

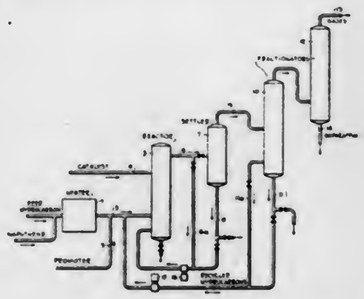
2,438,420
CALIBRATION OF CATHODE-RAY OSCILLOGRAPHS
Graham John Scoles, East Sheen, London, and Charles Walter Miller, Sale, England, assignors to Metropolitan-Vickers Electrical Company Limited, London, England, a company of Great Britain
Application October 9, 1943, Serial No. 505,710
In Great Britain September 18, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires September 18, 1961
1 Claim. (Cl. 315—22)



An electric circuit arrangement for calibrating the time base of a cathode ray tube having cathode and grid electrodes, and beam deflecting members to receive respectively pulses to obtain the time base sweep, and a voltage representative of the phenomena to be observed, comprising in combination, a first valve having an input grid circuit of low decrement, means for applying to said input grid circuit equally spaced steep wave-front voltage pulses in synchronism with said time base sweep pulses, and an anode circuit for said valve having a high reactance-resistance ratio and adapted to provide an output of effectively undamped sine wave calibrating voltage of higher frequency than said time base sweep pulses, and means for connecting said anode circuit to one of said electrodes of the cathode ray tube for suppressing the beam thereof including a second valve having an input circuit connected to said anode circuit and an output circuit connected to said electrode of the cathode ray tube and providing, from its substantially sine wave input, voltage pulses of short duration which are applied to said electrode of the cathode ray tube, and a high cathode resistance and a variable resistance in parallel therewith for normally biasing said second valve beyond cut-off.

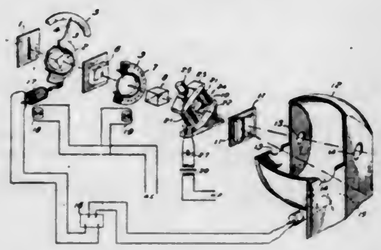
2,438,421
ISOMERIZATION OF PARAFFINIC HYDROCARBONS
Eugene E. Sensel, William R. Smith, and Arthur R. Goldsby, Beacon, N. Y., assignors, by mesne assignments, to The Texas Company, a corporation of Delaware
Application June 18, 1941, Serial No. 398,530
9 Claims. (Cl. 260—683.5)

2. A continuous method for isomerizing normal paraffin hydrocarbons which are normally free from naphthene hydrocarbons comprising maintaining an isomerization reaction zone containing an aluminum halide isomerization catalyst under isomerizing conditions at an elevated temperature not in excess of about 300° F. such that the isomerization reaction is normally accompanied by substantial hydrocarbon cracking, continuously passing to said reaction zone feed hydrocarbons consisting essentially of normal paraffins, effecting contact between said normal paraffins and the catalyst in the presence of an amount of added naphthene hydrocarbon relatively small compared to the paraffin hydrocarbons undergoing conversion in the reaction zone, introducing the added naphthene hydrocarbon to the reaction zone in an amount sufficient to



inhibit substantially said hydrocarbon cracking but insufficient to prevent isomerization of said normal paraffin hydrocarbons to a substantial extent, effecting substantial isomerization of normal paraffins during passage through the reaction zone, and continuously withdrawing from the reaction zone isomerized paraffin hydrocarbons.

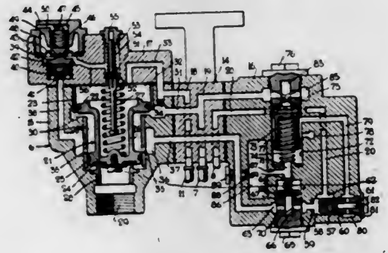
2,438,422
PHOTOMETRIC APPARATUS GIVING READINGS INVARIANT WITH AZIMUTH ON POLARIZING SAMPLES
Edwin I. Stearns, Jr., North Plainfield, and George L. Buc, Orange, N. J., assignors to American Cyanamid Company, New York, N. Y., a corporation of Maine
Application June 1, 1944, Serial No. 538,309
25 Claims. (Cl. 88—14)



1. A photometric apparatus comprising in optical alignment means for illuminating a sample support, a photoreceptor system which responds to light fluctuations only up to a predetermined maximum, photometering means operatively connected with the photoreceptor system, an essential element of the apparatus being inherently capable of polarizing light to a material extent sufficient to give different responses from a polarizing sample at various orientations, alternating current actuated means coaxial with the light path through the apparatus and intermediate the sample support and polarizing element for rotating the plane of polarized light in varying amounts as a recurrent function of time, and means for supplying alternating current thereto

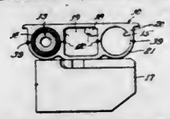
of a frequency greatly in excess of the maximum frequency of light fluctuation to which the photoreceptor system is capable of responding, whereby the plane of polarized light is rotated at a frequency corresponding to that of the alternating current supply means and the photoreceptor system receives an average illumination from polarized light of various orientations so that a polarizing sample gives reproducible responses regardless of its orientation on the sample support.

2,438,423
CONTROL VALVE DEVICE
Adelbert A. Steinmiller, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application August 30, 1945, Serial No. 613,673
9 Claims. (Cl. 303—21)



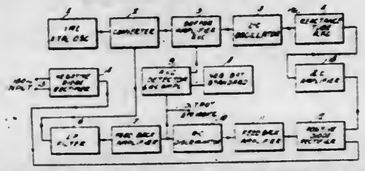
1. The combination of a fluid pressure differential operated valve device having a normal position in which it establishes a communication through which fluid under pressure may be supplied to a fluid pressure receiving device and operative to a different position in which said communication is cut off and an exhaust communication is established through which fluid under pressure is released from the fluid pressure receiving device at a rapid rate, means controlling the fluid pressure differential active on said valve device in such a manner that the said valve device is operated out of its normal position to its different position and back to its normal position within a certain length of time under normal circumstances, auxiliary valve means normally in a position preventing the supply of fluid under pressure therepast to the fluid pressure receiving device and operative to a different position establishing a communication through which fluid under pressure may be supplied to the fluid pressure receiving device, a volume chamber chargeable concurrently with the charging of the fluid pressure receiving device and having fluid under pressure released therefrom while the said valve device is out of its normal position, means for preventing reduction of pressure in said volume chamber except at a certain rate less than the said rapid rate of reduction of the pressure in the receiving device simultaneously effected under the control of the said valve device, and fluid pressure responsive means subject in opposing relation to the pressure of fluid supplied to the said valve device and to the pressure in said volume chamber and being effective to operate said auxiliary valve means to a position establishing the communication through which fluid under pressure is supplied therepast to the receiving device only upon a predetermined reduction of the pressure in the volume chamber relative to the pressure of the fluid supplied to the said valve device.

2,438,424
METHOD OF FABRICATING TRACK LAYING VEHICLE SHOES
Carl E. Swenson, Rockford, Ill., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of the Navy
Application May 18, 1944, Serial No. 536,102
3 Claims. (Cl. 29—148.3)



1. The method of fabricating a track laying vehicle shoe having a pair of spaced parallel transversely extending pintle bores therein, comprising the method steps of rolling masses of metal to form elongated strips each of which in cross-section is uniform and corresponds to the side elevation of a half of the shoe divided on a plane bisecting the pintle bores and each of which has a pair of spaced longitudinally extending channels each corresponding to half the pintle bore, severing the rolled strips transversely to form complementary halves of the shoe, machining the matching edges of each shoe to form a close fitting edge, and securing the shoe halves together on those edges to form a finished shoe with the channels in the shoe halves extending transversely of the shoe and cooperating to form the bores of the shoe.

2,438,425
COMPUTING DEVICE
Arthur W. Vance, Cranbury, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application November 26, 1942, Serial No. 467,026
5 Claims. (Cl. 250—36)

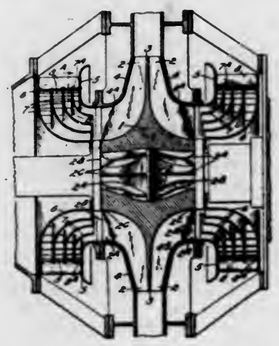


2. In the production of a potential having a frequency which is proportional to the amplitude of an alternating control voltage, the method which includes combining a substantially constant frequency signal with a variable frequency signal to produce a beat frequency signal, deriving from said beat frequency signal a first unidirectional potential which is proportional to said beat frequency, deriving a second unidirectional potential which is proportional to the amplitude of said alternating control voltage, and combining said first and second unidirectional potentials in opposed relationship to derive a resultant potential for controlling the frequency of said variable frequency signal.

2,438,426
CENTRIFUGAL COMPRESSOR
Frank Whittle, Rugby, England, assignor to Power Jets (Research and Development) Limited, London, England
Application November 24, 1942, Serial No. 466,804
In Great Britain December 19, 1939
Section 1, Public Law 690, August 8, 1946
Patent expires December 19, 1959
5 Claims. (Cl. 230—128)

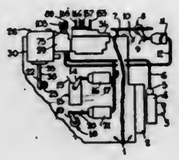
1. A centrifugal compressor comprising an impeller with vanes defining substantially radial

channels, said vanes each having bends in their leading edges at the entry to the impeller with the angle between said leading edge and the compressor axis increasing with the radius, a casing containing said impeller, walls defining an entry passage to said casing which is initially radial for inward flow of air and finally axial for flow into the impeller, and entry guide vanes supported by said walls and of uniform section and incidence, said entry vanes being disposed axially



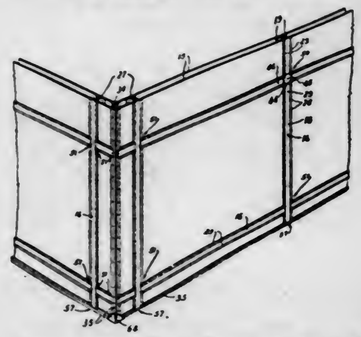
across the radial region of the entry passage and imparting whirl to the entering air flow to reduce the air velocity relative to the impeller vanes, said entry vanes and impeller bends being constructed and arranged relative to each other so that under design conditions of operation in which the whirl velocity in the plane of entry to the impeller varies inversely with the radius, the leading edges of the impeller vanes engage the relative air flow at substantially no angle of attack at all radii.

2,438,427
CONTROL APPARATUS
Ralph T. Whitney, Irwin, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application December 19, 1945, Serial No. 636,011
10 Claims. (Cl. 121—38)



1. A control apparatus comprising a reversing means having an ahead position and an astern position, operator's control means movable to a first position, a second position, and a third position, astern means for effecting movement of said reversing means to said astern position in response to movement of said operator's control means to said second position, ahead means for effecting movement of said reversing means to said ahead position in response to movement of said operator's control means to said first position, delay means for delaying operation of said astern means for a chosen interval of time after movement of said operator's control means from said first position to said second position and for delaying operation of said ahead means for a chosen interval of time after movement of said operator's control means from said second position to said first position, and means for automatically rendering said delay means ineffective upon movement of said operator's control means from said third position to either said first position or to said second position.

2,438,428
WALL CONSTRUCTION
Robert E. Birdsall, Detroit, Mich., assignor of twenty-four per cent to George R. Hotton, Williams Bay, and one-eighth to J. Arthur Moran, Delavan, Wis.
Application May 13, 1943, Serial No. 486,796
10 Claims. (Cl. 20—4)

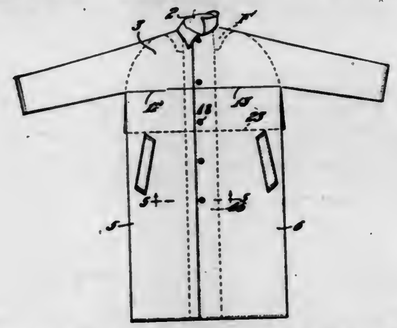


1. A double wall joint comprising two U-shaped channels spaced apart with their open sides facing each other, said channels having widths corresponding to a stud member of standard size, a stud member having its opposite margins snugly received in said channels, pairs of panels forming a double wall with the edges of each pair substantially in abutment with the opposite sides of one channel and with their external surfaces flush with the outer surface of the closed end of the channel, flanges on the channel legs overlapping the panel edges on the inner sides thereof, members overlapping the margins of said panels and the outer surfaces thereof and having flanges disposed between the panel edges and the adjacent channel side, and fastening elements extending through said members and said channel flanges and clamping the panel between the two.

2,438,429
WATERPROOF OUTER GARMENT
John T. Callahan, West Newton, and John A. Gilbertson, Milford, Mass., assignors to Archer Rubber Company, Milford, Mass., a corporation of Massachusetts
Application March 1, 1946, Serial No. 651,078
5 Claims. (Cl. 2—87)

1. A ventilated rain garment of the kind which, except for collar and trim, consists of but four major parts, to wit, a yoke having sleeves integral therewith, a back, and two front members, the back being joined to the yoke at and adjacent to the collar line and adjacent to each arm scye respectively, but being otherwise unattached to the yoke, thereby provided ventilating openings of large area, and wherein each front member is joined to the yoke along a line extending from

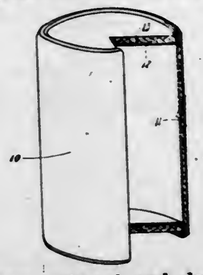
the front closure to one of the arm scyes respectively, each front member being joined to the back along a substantially vertical line extending downwardly from the respective armpit, each sleeve having a single longitudinally extending underarm seam reaching from the wrist line to the armpit, and gusset means providing fullness at the armpit, characterized in that the rear edge of each sleeve terminates at a deep, substantially oval notch in the yoke material, and the forward edge of each sleeve terminates in a concavely curved portion which merges with the corresponding horizontal front lower edge of the yoke, the gusset means at each armpit comprising a segmental piece having a substantially straight edge and a curved edge, the latter having a radius of curvature substantially greater than the radius of curvature of the larger end of the notch in the yoke, the gusset means also comprising a semi-segmental part having a curved



edge, a substantially straight base and a substantially straight vertical edge, a seam uniting the curved edge of the segmental gusset part to the margin of the oval notch in the yoke, a seam uniting the curved edge of the semi-segmental gusset part to the concavely curved portion of the front edge of the sleeve, and a seam uniting the straight base edge of the latter gusset part to the upper edge of the corresponding front member of the garment, the underarm seam extending uninterruptedly across the armpit and uniting the lower portion of e straight edge of the segmental gusset part to the vertical straight edge of the semi-segmental gusset part, the underarm seam also uniting the lower portion of the straight edge of the segmental gusset part to the rear edge of the corresponding front member and then continuing on down beyond the gusset means and uniting the corresponding front member to the back.

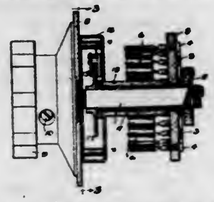
2,438,430
CANISTER
Pasquale V. Di Cosmo, Phillipsburg, and Matthew C. Ricciardi, Dover, N. J., assignors to The Canister Company, Phillipsburg, N. J., a corporation of New Jersey
Application June 19, 1942, Serial No. 447,726
1 Claim. (Cl. 93—55.1)

The method of closing the end of a cylindrical container body formed of short-fibered material having the properties of chip-board which comprises the steps of softening the end of the body, assembling a disc of stiff material having a diameter substantially equal to the internal diameter of said body with a sealing diaphragm of greater diameter than said container body, inserting the resulting assembly into the softened end of the container body with the sealing diaphragm facing inwardly, and with the marginal portions thereof extending between the edges of the disc and the inner surface of the container body, folding said marginal portions of the seal-



ing diaphragm outward and downward about the end of the container body and the adjacent outer surface thereof, turning the softened end of the body inward over the edges of said disc through an angle of approximately 90° and hardening the inturned edges of the body.

2,438,431
ATTENUATOR
Edmund Doucette, Newark, N. J., assignor to The Daven Company, Newark, N. J., a corporation of New Jersey
Application April 25, 1945, Serial No. 590,265
14 Claims. (Cl. 201—55)



1. In an electrical instrument, a panel having graduations thereon, a stationary contact-carrying head, contacts carried thereby, a switch for movement over and engagement with said contacts, means for connecting said contact-carrying head to said panel including a sleeve connected to said head, a second sleeve depending from the panel having one end engaging said contact-carrying head, said second sleeve having gripping members on its end which engages said contact-carrying head, and means for forcing said gripping members into gripping engagement with the contact-carrying head to prevent accidental disconnection or relative movement of the contact-carrying head and said connecting means.

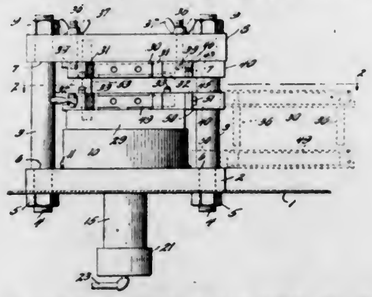
2,438,432
TORSION SPRING MOUNTING
Samuel H. Edwards, Richmond, Calif.
Application October 5, 1945, Serial No. 620,437
2 Claims. (Cl. 267—57)



1. A spring mounting for a wheel supported axle consisting of a frame, a tubular axle having an offset wheel mount on each end thereof for mounting a wheel, bearings fixed on said frame

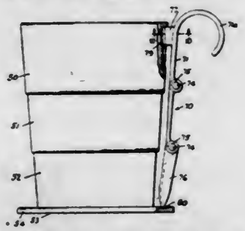
for mounting said axle for rotation on said frame, and a rod extending through said tubular axle and secured at one end to an end of said axle and at its other end to one of said bearings on said frame to fix said rod in position as a torsion spring member.

2,438,433
HYDRAULIC PRESS
Santo J. Fazzio, Glassboro, N. J.
Application November 5, 1945, Serial No. 626,694
1 Claim. (Cl. 18—5.3)



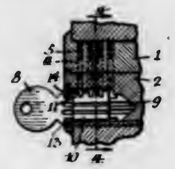
In a hydraulic press, a bed plate, an upper plate, posts extending between the same, a cylinder, a hydraulically operated piston and piston rod movable in said cylinder, a housing secured to the under surface of the bed plate and centrally beneath said cylinder in which said piston rod travels, means in the housing for accurately guiding said piston rod in said housing, means in said housing for returning the piston to its lower position, two mold shoes provided with collars swingingly and slidably mounted on one of said posts, the lower of said shoes adapted to be elevated and lowered by the said piston, means for locking the upper of said mold shoes to the under surface of the upper plate, and a pivotal connection between the upper shoe and its collar whereby the mold shoe may be revolved one hundred eighty degrees (180°) about its horizontal axis after being swung to an inoperative position.

2,438,434
COLLAPSIBLE CONTAINER
Theodore Friedman, New York, N. Y.
Application February 20, 1945, Serial No. 578,844
1 Claim. (Cl. 220—8)



A collapsible container comprising a plurality of connected substantially ring shaped members varying in size whereby one member may be contained in another member when the container is collapsed, the innermost member being provided with a closed end having a flanged extension, a collapsible handle for said container, and cooperative means on one of said members and said handle for securing said handle to said container when they are in extended position, said handle having a small bowl portion bearing against said flanged extension when said handle is extended and to rest against said closed end when collapsed.

2,438,435
COMBINED LOCK AND KEY
Jules Gagnon, Verdun, Quebec, Canada
Application January 13, 1947, Serial No. 721,739
4 Claims. (Cl. 70—364)



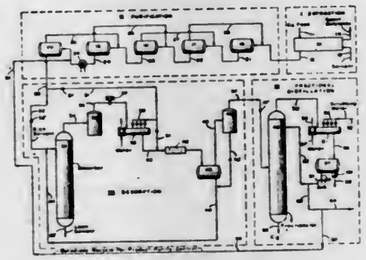
1. In a lock, a barrel, a plug rotatable therein, tumbler pins slidable radially in said plug, follower pins slidable in said barrel and engaging said tumbler pins in alinement therewith, said plug having a key slot exposed to said tumbler pins, said slot extending also laterally from said pins, a key insertable in said slot and having relatively slidable teeth adapted to register with said tumbler pins, said key being rotatable a limited angular extent in said slot, and cam surfaces formed in said plug and engageable by said teeth to move said teeth into engagement with said tumbler pins on rotation of said key.

2,438,436
PLATE HANGER
Reber Graves, Glen Ellyn, Ill.
Application August 8, 1946, Serial No. 689,219
3 Claims. (Cl. 248—30)



1. A plate hanger comprising a wire rod having a screw threaded shank and formed at one end with a loop, a pair of oppositely disposed wire fingers adapted for positioning in a vertical plane common with each other and with the rod and each formed at one end with a laterally extending loop and at its opposite end with a reverse bend to provide a plate engaging hook extending in a direction opposite its loop, the rod being adapted to traverse the loops of the fingers when the latter are assembled on the rod, and a pair of nuts threaded on to the rod shank to the outside of the finger loops each providing therefor an adjustable abutment whereby to determine the maximum spacing between the fingers as well as the longitudinal position of the rod relative to the fingers when so spaced, and the rod being also adjustable relative to both fingers without affecting the adjustment thereof whereby the loop of the rod may be concealed when the hanger supports a large or small plate.

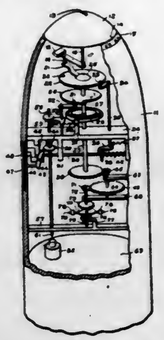
2,438,437
SEPARATION OF DIOLEFINS AND CONTAMINATING HYDROCARBONS FROM RICH AMMONIACAL AQUEOUS SOLUTIONS
Ike D. Hall, Baytown, Tex., assignor to Standard Oil Development Company, a corporation of Delaware
Application May 8, 1945, Serial No. 592,612
5 Claims. (Cl. 260—681.5)



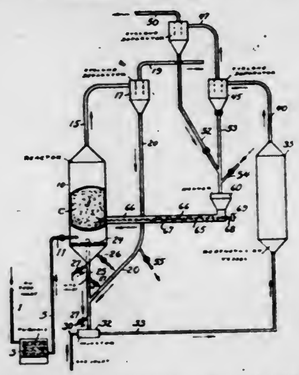
1. In an absorption system wherein a rich aqueous ammoniacal solvent having dissolved therein diolefin, acetylenes and carbonyls is obtained, the steps of dividing the rich solvent into a major portion and a minor portion, subjecting the major portion to a desorption step to separate therefrom a vaporous fraction including ammonia, diolefin, acetylenes and carbonyls, increasing the pressure of said vaporous fraction, condensing the vaporous fraction, and contacting it with the minor portion of rich solvent to dissolve said ammonia and form a mixture, subjecting the mixture to gravity separation to form an aqueous layer and a hydrocarbon layer, fractionally distilling the hydrocarbon layer to separate it into an overhead fraction including diolefin and ammonia and a bottoms fraction including carbonyls, washing the vaporous fraction with water to dissolve the ammonia and form a mixture of hydrocarbons and water, separating said mixture under the influence of gravity into a hydrocarbon layer and an aqueous layer, and separately removing said layers.

2,438,438
BOMB DETONATING MECHANISM
John Hays Hammond, Jr., Gloucester, Mass.
Application December 16, 1943, Serial No. 514,439
7 Claims. (Cl. 102—73)

1. A bomb firing mechanism comprising detonating mechanism, restraining means to prevent actuation thereof, mechanism responsive to external compressional waves, means actuated by said last mechanism to release said restraining means for firing said bomb, holding means rendering said detonating mechanism inoperative, timed means to release said holding means for rendering said bomb responsive to said compression responsive mechanism, and means responsive to impact connected to start said timed means in operation.



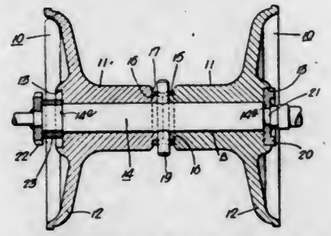
2,438,439
CHEMICAL PROCESS FOR THE CATALYTIC CONVERSION OF HYDROCARBON OILS
Charles E. Hemminger, Westfield, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application September 18, 1941, Serial No. 411,280
2 Claims. (Cl. 196—52)



1. A process for the conversion of heavy residual oils into lower boiling hydrocarbons which comprises passing the oil to be converted into the bottom portion of a conversion chamber while at least partially in liquid state, dispersing said oil into a dense turbulent mass of finely divided solid material within said conversion chamber, maintaining said conversion chamber at a temperature sufficient to convert said oil totally into vapors and solid residue, withdrawing the vapors from the upper end of said conversion chamber, providing a velocity of the oil vapors and gases passing upwardly through said conversion chamber to maintain said finely divided solid material in a dense turbulent state, continuously removing finely divided solid material containing solid carbonaceous residue from a lower portion of said conversion chamber, burning the carbonaceous residue from the finely divided solid material so withdrawn, heating said finely divided solid material during the burning of said solid carbonaceous residue to a temperature materially

above the temperature maintained in said conversion chamber, and thereafter returning said heated finely divided solid material to said conversion chamber.

2,438,440
SPOOL FOR FISHING REELS
Stephen G. Hirsch, Philadelphia, Pa., assignor to Ocean City Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application April 17, 1946, Serial No. 662,829
4 Claims. (Cl. 242—118)



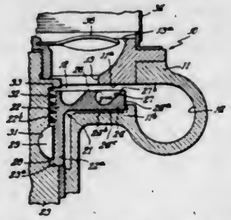
4. In a spool and shaft assembly for fishing reels, a spool shaft, a spool mounted on the shaft and comprising identical end sections each having a body portion slidably engageable with the shaft and having a flange at its outer end, the inner ends of said bodies having reduced portions, a narrow sleeve embracing the reduced portions of the bodies of the sections and concealing the junction thereof, shaft fittings fixed to the shaft and having engagement with the ends of the spool preventing axial movement thereof, a pin having engagement with said sleeve end sections and shaft preventing relative rotation thereof, and ends of said pin projecting beyond the periphery of the sleeve and forming a line attaching means.

2,438,441
MEANS FOR DETECTING LEAKS IN ELECTRIC CABLES CONTAINING FLUID UNDER PRESSURE
Douglas Taft Hollingsworth, London, England, assignor to British Insulated Callender's Cables Limited, London, England, a British company
Application October 21, 1946, Serial No. 704,582
In Great Britain November 6, 1945
1 Claim. (Cl. 177—311)



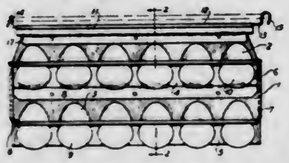
In an electric cable system in which the conductor dielectric is normally subject to a pressure above atmospheric pressure in an enclosure containing fluid under pressure, barriers dividing the fluid-containing enclosure into sections, a by-pass passage for the said fluid at each of the said barriers, a normally open valve for each of the said passages, electrically operable closing means for each of said valves, a pilot line connected with all the said closing means and energisable from a control station to close all the said valves simultaneously, an electrical resistance associated with each section, a section pilot line extending from a resistance-measuring means at the control station, and in each section a pressure-controlled switch automatically connecting the resistance associated with the section in circuit with the said second pilot line and the said resistance-measuring means when the pressure in this section falls below a preselected value.

2,438,442
PUMP WITH DIFFERENTIAL IMPELLER CONTROL
Ray G. Holt, Euclid, Ohio, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application December 21, 1944, Serial No. 569,128
7 Claims. (Cl. 103—97)



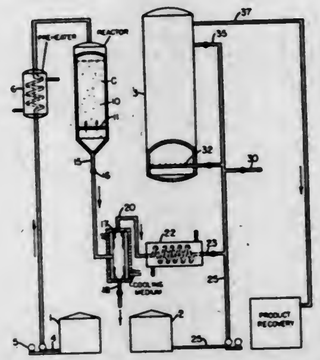
1. In a centrifugal impeller pump arrangement including a housing having an impeller chamber therein, a rotatable centrifugal impeller received within said chamber, a surrounding volute discharge chamber for receiving fluid from said impeller, means for drivingly supporting said impeller providing for limited axial adjustment within said pumping chamber between a first extended position and a second retracted position, means for shifting said impeller to one of said respective positions, and means defining a motive chamber in which said impeller rotates, said chamber being adapted to receive pressure fluid generated by said impeller upon rotation thereof to shift said impeller to the other of said respective positions.

2,438,443
EGG TRAY FOR REFRIGERATORS
Arthur C. Jermyn, Brighton, N. Y.
Application June 20, 1946, Serial No. 678,051
5 Claims. (Cl. 211—143)



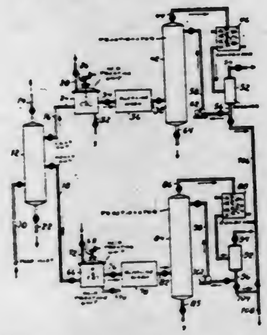
4. The combination with a support including a tubular track, of hook members at the ends of said track connected to the support, an egg tray including a vertical wall, a cylindrical shoe carried by said vertical wall and slidably engaging said track, said vertical wall having a plurality of rows of concave oval depressions, one row above the other, and lateral walls arranged in spaced relation one above the other adapted to hold two tiers of eggs against the vertical wall, each of said lateral walls being inclined to the vertical wall at an angle permitting insertion of eggs therebetween and having a row of concave oval depressions arranged opposite to the depressions in the vertical wall.

2,438,444
METHOD OF REMOVING DIOLEFINS FROM AN OLEFINIC FEED STOCK
Minor C. K. Jones, Mountainside, and Edmond R. Retailliau, Cranford, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
Application February 2, 1945, Serial No. 575,818
2 Claims. (Cl. 260—683.4)



1. The method of removing diolefins from an olefinic feed stock containing mono-olefins and diolefins which comprises contacting the mixture with fuller's earth at a temperature of about 800° F. and under a pressure of from 25 to 50 pounds per square inch gauge in a polymerization zone for a time period in the range from about 11 to 16 seconds, withdrawing the total product from the said polymerization zone, transporting the product to a separation zone and separating the diolefins in the form of liquid polymers from the mixture whereby an olefinic material substantially free of diolefins is obtained.

2,438,445
PROCESS FOR THE ACID-TREATING OF CATALYTICALLY CRACKED NAPHTHA
Arnold F. Kaulakis, Roselle, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application September 15, 1943, Serial No. 502,440
2 Claims. (Cl. 196—40)

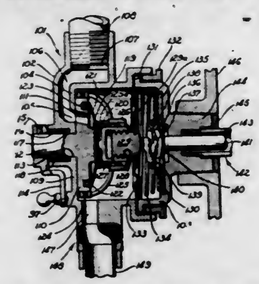


1. A method of improving the IMEP of catalytically cracked aviation gasolines containing olefins and aromatics which comprises separating a catalytically cracked aviation gasoline into a C$_6$–225° F. fraction containing a major portion of the olefins and a 225–350° F. fraction containing a major portion of the aromatics, separately treating each fraction with concentrated sulfuric acid having a concentration of about 85 to 98% to remove olefins and then recombining the treated fractions.

2,438,446
LUBRICANT AND HYDRAULIC FLUID COMPOSITION
Hollis L. Leland, Cranford, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application May 25, 1945, Serial No. 595,883
6 Claims. (Cl. 252—78)

1. A composition of matter consisting essentially of nuclearly chlorinated cumenes containing an average of 2.5 to 4.0 atoms of chlorine per mol of cumene, and 2 to 20% by weight of a linear organic polymer thickener selected from the group which consists of polymerized isobutylene, acrylic acid esters, and methacrylic acid esters, said polymer thickener having a molecular weight within the range of 1,000 to 15,000.

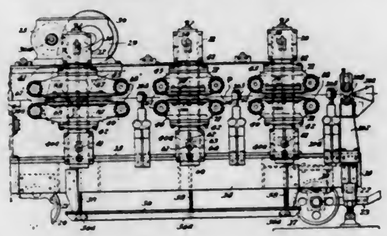
2,438,447
BURNER VALVE DEVICE
James Maynard, Hawthorne, Calif., assignor to Elgin Rowland Parker, Seal Beach, Calif.
Application April 7, 1941, Serial No. 387,241
13 Claims. (Cl. 236—48)



1. In a thermostatically controlled valve mechanism, the combination of: a housing having inlet and outlet openings therein; wall means in said housing between said openings, said wall means having a port therein; a valve member having an opening therethrough, said valve member engaging said wall means and being movable relative thereto for varying the registration of said opening therein with said port; a valve support in said housing; a valve seat in said housing; a valve disc engaging said support and adapted upon the application of a predetermined pressure for snapping from closed position in sealing engagement with said valve seat and closing communication between said openings in said housing to open position free of said valve seat and permitting communication between said openings in said housing; a control member movable in response to temperature variations; motion multiplying means transmitting the movement of said control member to said valve disc so long as the resistance to movement of said disc is less than a predetermined value; and operating means exterior of said housing adapted for simultaneously moving said valve member and said valve support whereby the registration of said opening in said valve mem-

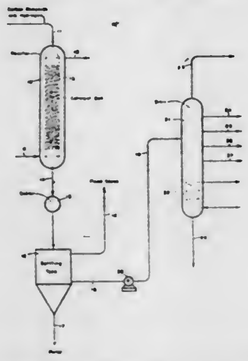
ber with said port in said wall means is controlled and the temperature of said control member at which said valve disc is snapped to open position is varied.

2,438,448
APPARATUS FOR CONTINUOUSLY DRAWING ELONGATED PRODUCTS
William A. Morton and Theodore H. Sloan, Pittsburgh, Pa., assignors to G. M. S. Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
Application March 4, 1943, Serial No. 477,982
8 Claims. (Cl. 49—17.1)



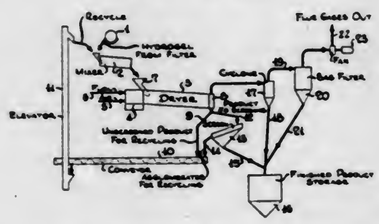
1. A tractor stand for longitudinally advancing an elongated product such as a tube or the like along a predetermined path of travel, comprising a column having vertically spaced alined guide means on one side thereof, blocks movable vertically in said guide means, brackets secured, respectively, to the lower end of the upper block and the upper end of the lower block, sprockets journaled on said brackets, tracks extending between the sprockets and chains so disposed on the sprockets and tracks of the brackets, respectively, as to engage the top and bottom of the product traveling therebetween.

2,438,449
SYNTHESIS OF HYDROCARBONS AND OXYGENATED COMPOUNDS
Max A. Mosesman, Baytown, Tex., assignor, by mesne assignments, to Standard Oil Development Company, Elizabeth, N. J., a corporation of Delaware
Application December 20, 1946, Serial No. 717,586
11 Claims. (Cl. 260—449.6)



1. A process for producing hydrocarbons and oxygenated organic compounds comprising the steps of contacting a gaseous mixture of carbon monoxide and hydrogen at a superatmospheric temperature and pressure with a catalyst comprising a reduced mixture of a major portion of iron oxide and a minor portion of an alkali metal pyroantimoniate to form a product comprising substantial amounts of hydrocarbons and oxygenated organic compounds.

2,438,450
DRYING OF MICROSPHERICAL GELS
Karl J. Nelson, Cranford, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application February 17, 1945, Serial No. 578,437
3 Claims. (Cl. 34—11)



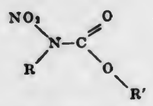
1. A continuous process for drying microspherical inorganic oxide gel particles which comprises mixing said hydrogel microspheres with 5 to 30% by weight of dry gel microspheres while maintaining the spheroidal condition of the individual hydrogel microspheres so as to prevent the individual hydrogel microspheres from agglomerating, and drying the mixture.

2,438,451
ACTIVATION OF CLAY
John J. Owen, Baton Rouge, La., assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application August 28, 1943, Serial No. 500,381
3 Claims. (Cl. 252—254)

1. The method of activating bentonite clays which comprises treating said clays for a substantial period of time with an inorganic acid of the group consisting of sulfuric acid and hydrochloric acid and in an amount effective to activate said clays, said treatment being carried out in the presence of a reducing atmosphere of the group consisting of hydrogen and carbon monoxide.

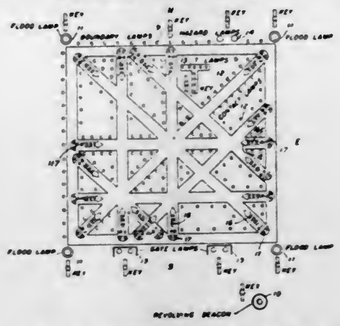
2,438,452
DIESEL ENGINE FUELS
Robert T. Pollock, New York, N. Y.
No Drawing. Application January 20, 1945, Serial No. 573,812
2 Claims. (Cl. 44—57)

1. A fuel for compression ignition engines comprising a hydrocarbon Diesel oil containing a small quantity, at least sufficient to increase the cetane rating of said oil, of a material having the formula



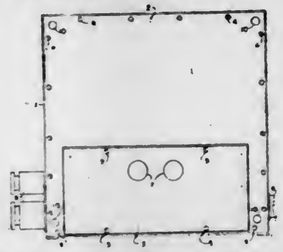
wherein R and R' are alkyl radicals.

2,438,453
AIRPORT LIGHTING CONTROL AND INDICATION SYSTEM
Winfred T. Powell, Rochester, N. Y., assignor to Stromberg-Carlson Company, Rochester, N. Y., a corporation of New York
Application October 2, 1944, Serial No. 556,800
7 Claims. (Cl. 177—353)



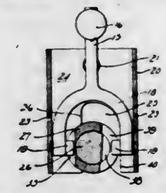
7. A control system for an airport comprising a plurality of runways certain of said runways conflicting with other runways, a control relay for each runway, means for operating a plurality of said relays, and means including contacts on one of said operated relays and contacts on any other operated relay representing a runway conflicting with that of said one relay for releasing said one relay.

2,438,454
MOUNTING ARRANGEMENT FOR ELECTRICAL EQUIPMENT
Theodore C. Riebe, Chicago, Ill., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application November 23, 1944, Serial No. 564,860
4 Claims. (Cl. 175—298)



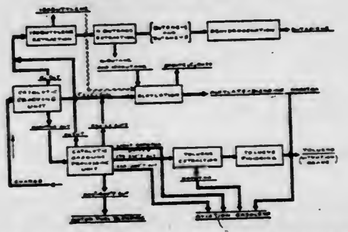
1. In a mounting arrangement, the combination of a cabinet, a unitary assembly holding electrical instrumentalities wired to terminals mounted on said assembly, said assembly removably disposed in said cabinet thereby to position the terminals of said assembly in said cabinet, a second unitary assembly holding other electrical instrumentalities wired to terminals mounted on said second assembly, said second assembly removably disposed in said cabinet thereby to cause the terminals of said second assembly to connect with the positioned terminals of said first disposed assembly and thus interconnect the instrumentalities of said two disposed assemblies, said cabinet and said disposed assemblies completely protecting said instrumentalities and connected terminals from accidental contact or unauthorized tampering, the withdrawal of one of said disposed assemblies from said cabinet automatically breaking said connections between the two assemblies before any of said instrumentalities or terminals become exposed.

2,438,455
TRANSMISSION OPERATING DEVICE AND INTERLOCK
Dale Roeder and Harold L. Brock, Detroit, Mich., assignors to Ford Motor Company, Dearborn, Mich., a corporation of Delaware
Application July 26, 1945, Serial No. 607,209
10 Claims. (Cl. 74—477)



1. In a sliding gear transmission operating device for use with internal-combustion engines in automotive vehicles, comprising, a housing, a pair of spaced aligned shifting forks in said housing, a shift lever mounted externally of said housing movable in an H pattern to reciprocate selectively either of said shifting forks, a shaft supported at each end in said housing for reciprocation with respect thereto, a sleeve concentric with and reciprocally mounted on said shaft, one of said shifting forks being fixed for reciprocation with said shaft and the other of said shifting forks being fixed for reciprocation with said sleeve, a locking yoke pivotally mounted on said housing, and an operating fork operatively connected to said shift lever and selectively engaging for reciprocation said shaft or said sleeve and said yoke for pivotal movement, locking said sleeve or shaft, respectively, against reciprocation.

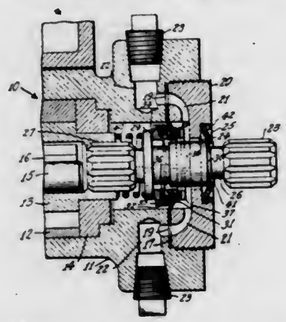
2,438,456
HYDROCARBON CONVERSION
Robert P. Russell, Short Hills, Eger V. Murphree, Summit, and Charles E. Hemminger, Westfield, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
Application August 21, 1942, Serial No. 455,574
6 Claims. (Cl. 260—683.4)



1. In a process for the catalytic conversion of relatively heavier hydrocarbon oils to relatively more volatile motor fuels and gaseous products, an improved method of utilizing said products comprising separating therefrom a fraction comprising mainly olefin and paraffin hydrocarbons of 3 to 5 carbon atoms per molecule, separating a mixture of hydrocarbons of 4 carbon atoms per molecule from said fraction, then removing isobutene from this mixture by selective extraction

with sulfuric acid of a strength insufficient to react with the normal butene present, heating the acid extract and separating therefrom a mixture of isobutene polymers comprising mainly diisobutene, removing normal butenes from the remainder of said mixture, then subjecting a mixture of the remainder of said first mentioned fraction, the remainder of said fraction of 4 carbon atoms per molecule comprising n-butane and isobutane and the said isobutene polymers to alkylation conditions adapted to cause reaction of olefins with the isobutane present therein to form saturated isoparaffin alkylation products boiling in the motor fuel range and of high antiknocking characteristics.

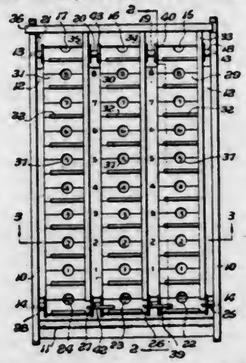
2,438,457
SHAFT SEAL
Arthur G. Schlosser, Detroit, Mich., assignor to Candler-Hill Corporation, Detroit, Mich., a corporation of Michigan
Application September 11, 1945, Serial No. 615,640
3 Claims. (Cl. 286—11)



1. In a seal of the character described, the combination comprising a housing, a flexible diaphragm disposed across the interior of the housing, a rigid ring sealed to and defining an opening through the diaphragm, a shaft extending through the housing and the opening, a flange on the shaft to one side of the diaphragm, a bushing surrounding the shaft on the side of the flange adjacent the ring, means permitting relative axial movement but positively preventing relative rotational movement between the bushing and the ring, a flexible distortable ring surrounding the shaft intermediate the bushing and the rigid ring, and means for maintaining pressure contact simultaneously between the flange and the bushing, between the bushing and the distortable ring, and between the distortable ring and the rigid ring.

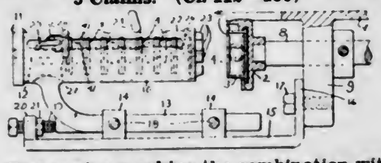
2,438,458
CALCULATOR
Albert J. R. Schumaker, Harpers Ferry, W. Va.
Application February 10, 1944, Serial No. 521,765
6 Claims. (Cl. 235—71)

1. A calculator comprising a plurality of digit-bearing belts, rollers on which the respective belts are looped, and means for effecting a proportional movement of one of said belts upon a predetermined movement of another of said belts in one direction only and including a one-way pawl and ratchet mechanism having an actuator carried by said last named belt and a member complementary to said actuator and carried by a roller on which said first named belt is looped, said actuator being slidable over said member



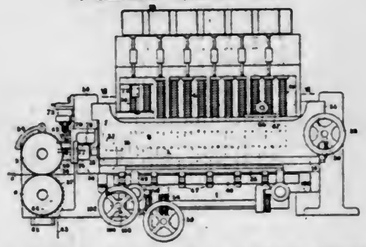
upon reverse movement of the second named belt without operating the first named belt.

2,438,459
SEWING MACHINE
Harry Sebell, Marblehead, Mass., assignor of one-half to Richard Walsh McGann, Lexington, Mass., and one-half to Bell Products Corporation, Boston, Mass., a corporation of Massachusetts
Application June 16, 1945, Serial No. 599,878
5 Claims. (Cl. 112—186)



1. In a sewing machine the combination with a rotary hook and a bobbin case operatively associated therewith and having an open side, of bobbin-replenishing mechanism comprising a magazine to contain filled bobbins, means to extract an empty bobbin from the bobbin case through said open side while said case is still operatively associated with the hook, and means to load a filled bobbin from the magazine into the bobbin case through the same open side thereof.

2,438,460
SAW BLADE PLANISHING MACHINE
Pierre Senard, Bapeaume-les-Rouen, France
Application August 16, 1946, Serial No. 691,106
In France May 15, 1946
7 Claims. (Cl. 76—26)



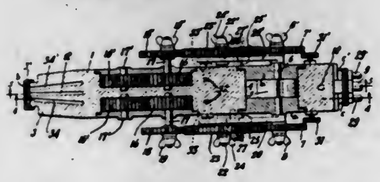
1. A saw-blade planishing machine comprising a block for supporting the saw blade, means to move the blade forwards thereon intermittently

in the longitudinal direction of the same, a set of feelers to be applied upon the blade, a set of compressed air hammers to be struck upon the blade at the points of the same which are engaged by the feelers and a set of electric control means to be energized or not depending on whether the related feelers are in engagement with swelled out or even portions of the blade, whereby pressure air is fed or not to the said compressed air hammers.

2,438,461
CUTTING OIL COMPOSITION
Jere C. Showalter, Goose Creek, Tex., assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application August 3, 1944, Serial No. 547,972
14 Claims. (Cl. 252—33.2)

1. A composition of matter capable of forming a substantially stable aqueous emulsion comprising a major portion of a sodium hydroxide neutralized sulfonated extract of a naphthenic type petroleum oil and a metal salt of stearic acid in an amount sufficient to prevent foaming of the emulsion.

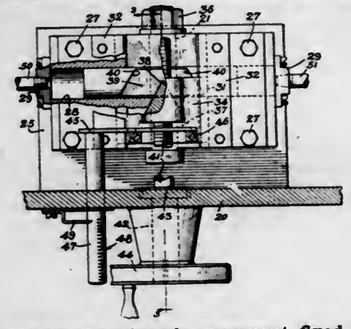
2,438,462
METERED SPRAYING DEVICE FOR MIXED LIQUIDS
Ronald B. Smith, East Orange, N. J.
Application July 1, 1944, Serial No. 543,076
4 Claims. (Cl. 299—58)



1. In a liquid dispensing device, the combination comprising a housing, a nozzle member associated therewith, a plurality of gear pumps for supplying liquid to said nozzle, each gear pump having an inlet conduit and an outlet conduit, a fluid-drive motor, including a rotor element, mounted in said housing, means for supplying motive fluid thereto, a train of variable gearing operatively connecting each gear pump to said rotor and means for simultaneously conducting liquid discharged under pressure by each pump to said nozzle member.

2,438,463
FLUID PRESSURE ACTUATED MOTOR
Ira J. Snader, Detroit, and Harold N. Seyferth, East Detroit, Mich., assignors to Ex-Cell-O Corporation, Detroit, Mich., a corporation of Michigan
Original application May 29, 1940, Serial No. 337,826, now Patent No. 2,350,372, dated June 6, 1944. Divided and this application June 9, 1943, Serial No. 490,150
11 Claims. (Cl. 121—38)

2. In a pressure fluid actuated motor, in combination, a hydraulic cylinder having a piston of fixed length slidable therein, said cylinder having means for establishing the connection of its ends with reversible pressure fluid lines, and a single adjustable stop element adjustably coacting with said piston for varying the extent of movement of said piston in opposite directions with respect

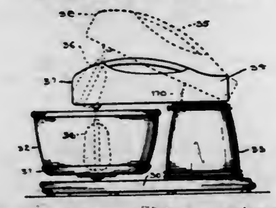


to a mid-point of such movement fixed for all variations thereof.

2,438,464
CATALYTIC PROCESS FOR PRODUCING BUTADIENE
Le Roy U. Spence, Elkins Park, and Darrel J. Butterbaugh and Donald G. Kundiger, Philadelphia, Pa., assignors to Röhm & Haas Company, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application August 30, 1944, Serial No. 551,988
4 Claims. (Cl. 260—681)

1. A process for producing butadiene which comprises vaporizing ethanol and a member of the group consisting of acetaldehyde, crotonaldehyde, and acetaldol, passing the resulting vapors over a catalytic agent comprising an alkali-digested mixture of silica and an oxide from the group consisting of zirconium oxide and thorium oxide while maintaining said catalytic agent at a temperature of from about 375° to about 525° C., and thereafter removing butadiene from the gaseous mixture.

2,438,465
FOOD PROCESSOR GEARING
Alfred Strauss and Eric G. Feltman, Chicago, Melville M. Hunt, Park Ridge, and Watson D. Harbaugh, Evanston, Ill., assignors to A. F. Dormeyer Mfg. Co., a corporation of Illinois
Original application January 8, 1940, Serial No. 312,874. Divided and this application February 19, 1942, Serial No. 431,589
11 Claims. (Cl. 74—16)



1. A motor driven beater construction for a food mixer including a motor casing, a universal joint element carried upon a shaft journaled with respect to the casing, a gear housing for rotatably supporting a driven shaft, means detachably and pivotally mounting the housing upon the casing for movement with respect thereto about the axis of said universal joint element to permit horizontal movement of the driven shaft during driv-

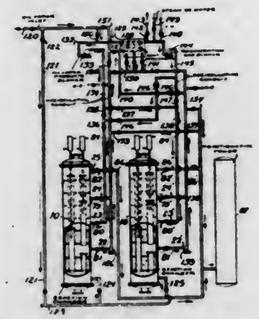
ing operation thereof, a second universal joint element carried by the housing and mating with the first universal joint element in disengageable drive relationship, and a handle on the gear housing for manipulating and removing the gear housing from the casing.

2,438,466
ICE CUBE FREEZING APPARATUS
Raymond E. Tobey, Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 8, 1943, Serial No. 509,371
7 Claims. (Cl. 62—106)



1. In liquid freezing apparatus, the combination of an open top mold having a storage space therein for the liquid to be frozen, the interior side wall surfaces of said mold diverging upwardly, a cooling unit extending downwardly through the open top of said mold into the upper portion of said liquid storage space to absorb heat directly from the upper portion of said liquid to freeze said portion, the lowest portion of said liquid being in poorer heat transfer relationship with said cooling unit than any portion of said liquid above said lowest portion.

2,438,467
CATALYTIC CONVERSION OF HYDROCARBONS
Charles W. Tyson, Summit, Herbert G. M. Fischer, Westfield, and Eger V. Murphree, Summit, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
Original application October 15, 1938, Serial No. 235,232. Divided and this application January 16, 1943, Serial No. 472,550
5 Claims. (Cl. 196—49)

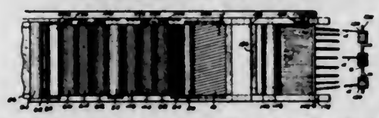


1. In a method of catalytic conversion of hydrocarbons wherein one reaction vessel having stationary catalyst is used for conversion of hydrocarbons and a second similar reaction vessel is on regeneration to regenerate fouled catalyst by burning, the steps of introducing regenerating gas into said second vessel, withdrawing hot regeneration gases from said second vessel, cooling withdrawn regeneration gases by indirect heat exchange with hot hydrocarbons withdrawn from said first vessel, additionally cooling at least part of the withdrawn cooled regeneration gases and recycling at least part of the additionally cooled regeneration gases to said second vessel to control the temperature during regeneration, and recycling the heated hydrocarbon vapors leaving said heat exchange step to said first vessel to undergo additional conversion therein.

2,438,468
OIL COMPOSITION
Jones I. Wasson, Union, and Carroll J. Wilson, Westfield, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application December 31, 1942, Serial No. 470,841
1 Claim. (Cl. 252—52)

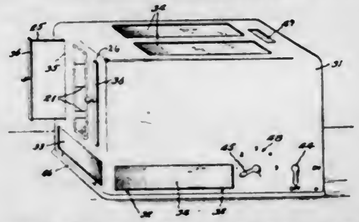
An oil composition having a high resistance against oxidation comprising a petroleum oil boiling in the lubricating oil range and a relatively small amount, sufficient to substantially inhibit deterioration, of tertiary butyl ether of 4-isopropyl alpha naphthol.

2,438,469
METHOD AND APPARATUS FOR CONVERTING BULK FILAMENT INTO STAPLES
Robert C. Wilkie, Andover, Mass., assignor to Pacific Mills, Lawrence, Mass., a corporation of Massachusetts
Application March 1, 1943, Serial No. 477,608
In Canada November 23, 1941
30 Claims. (Cl. 19—150)



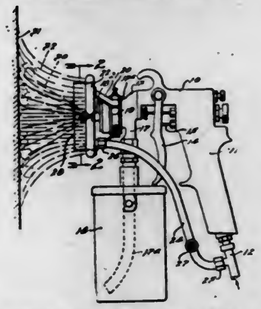
30. The method of converting filaments of textile fibers into a sliver of cut lengths, which comprises forming a plurality of filaments into a flat web of cut and drafted fibers, advancing the web and rolling said fibers as they advance into helices to form a sliver having its axis diagonally disposed to the direction of the advance of said web and advancing said sliver axially over said web.

2,438,470
RADIANT GAS TOASTER AND BROILER
Harry B. Wilson, Brooklyn, N. Y.
Application April 21, 1944, Serial No. 532,157
1 Claim. (Cl. 99—386)



A quick acting radiant heat gas toaster or broiler comprising two sets of gas burners arranged in substantially parallel rows, spaced apart to provide a longitudinally extended radiant heat cooking zone therebetween, incandescent gas mantles mounted on said burners, low heat content light sheet metal radiant heat reflectors extending along the outer sides of said rows of incandenscent mantles and similar low heat content light sheet metal radiant heat reflectors extending across the ends of the rows and forming with said first reflectors, a heat radiating and reflecting enclosure about and in back of the mantles for concentrating the radiant heat energy of the mantles on said longitudinally extended cooking zone, said end reflectors having passages therethrough in line with said cooking zone, and a horizontally extending food conveyer operating in line with said longitudinally extended radiant heat cooking zone and said passages in the end reflectors, and means for providing a chimney effect circulation upwardly through said heat radiating and reflecting enclosure, said means including an enclosure about said reflectors, said enclosure having openings in line with the side reflectors and said side reflectors being bodily removable through said openings for purposes of cleaning or the like.

2,438,471
SPRAYING APPARATUS
Albert P. Ball, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application June 5, 1944, Serial No. 538,779
3 Claims. (Cl. 91—45)



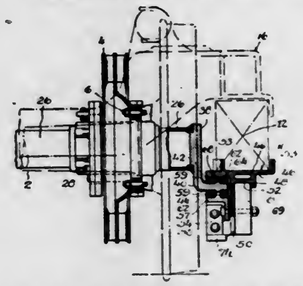
1. In a spray device, a body having a spray nozzle, means for discharging from said nozzle under air pressure a stream of finely divided particles of coating material to be deposited on a surface to be coated, an annular air chamber surrounding said nozzle and spaced outwardly therefrom, an annular shield interposed between said nozzle and chamber and projecting outwardly a distance therebeyond, said chamber having an annular series of air outlet holes, and means for directing a stream of air under pressure through said holes in the form of a frustrum of a cone embracing and contiguous to said first stream and impinging against said surface around the region of impingement of said first stream against said surface.

2,438,472
HOSE COUPLING
Walter C. Calcott, Maywood, Ill., assignor to Chicago Metal Hose Corporation, Maywood, Ill., a corporation of Illinois
Application April 10, 1944, Serial No. 530,328
14 Claims. (Cl. 285—130)



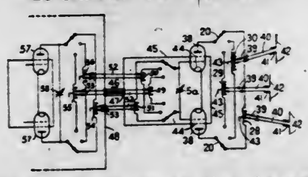
1. A coupling structure for hose of the metal convoluted type, said coupling comprising a split ring interlocking member adapted to embrace the hose and mechanically interlock with the convolutions thereof, an anchor member slidably embracing the hose and adapted to engage the interlocking member and be held in place thereby, and a coupling body member retained on the hose by the anchor member.

2,438,473
BRAKE ARRANGEMENT FOR RAILWAY DISC BRAKES
Robert B. Cottrell and Wesley A. Helsten, Chicago, Ill., assignors to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application June 7, 1945, Serial No. 598,084
20 Claims. (Cl. 188—59)



1. In a brake arrangement for a railway car truck, a wheel and axle assembly comprising a braking surface, an equalizer supported from said assembly, a spring seat member on said equalizer comprising a top web, spaced inboard and outboard webs embracing said equalizer, springs on said top web, a truck frame supported from said springs, a brake support member having an end portion with substantially horizontal top and bottom bearing surfaces of generally rectangular form, a resilient pad compressed between said top surface and said top web, a clamping piece secured to said spring seat member and supporting a resilient pad compressed against said bottom surface, and friction means on said support member for cooperation with said braking surface, said bearing surfaces, said top web, and said clamping piece having projections extending within openings in the associated pads, said pads resiliently supporting said support member and yieldingly resisting relative longitudinal and lateral movement of said support member with respect to said equalizers and being designed to yieldingly resist braking torque between said support member and said equalizers.

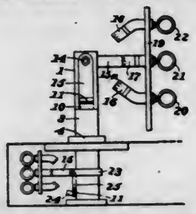
2,438,474
MULTIRANGE TUNER FOR ULTRA HIGH FREQUENCY TRANSMITTERS
John Mathieson Dodds, Timperley, and John Heywood Ludlow, Bowdon, England
Application December 29, 1943, Serial No. 516,103
In Great Britain May 13, 1938
13 Claims. (Cl. 250—40)



1. A radio transmitter of the character described, including a pair of push-pull valves, a

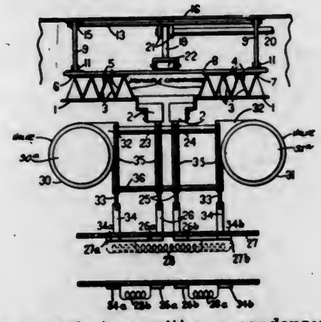
movable contact element, a plurality of different inductances arranged in fixed relation to the valves, a fixed contact element connected to the terminals of each of said inductances and adapted to be engaged by said movable contact element, said movable contact element being connected, by electrically integral connections, with the valve electrode terminals to which the several inductances are required to be selectively connected, said connections and contact elements having relatively large dimensions in the direction parallel with the axes of the inductance loops formed by said connections and contact elements.

2,438,475
MULTIRANGE TUNER FOR ULTRA HIGH FREQUENCY TRANSMITTERS
John Mathieson Dodds, Timperley, and John Heywood Ludlow, Bowdon, England
Application December 29, 1943, Serial No. 516,104
In Great Britain May 13, 1938
13 Claims. (Cl. 250—40)



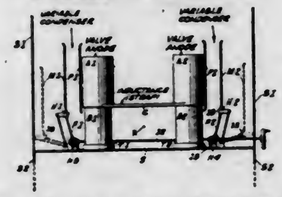
1. A short wave radio transmitter having wave changing arrangements and including a valve having an electrode terminal member, said member having a switch contact face, an inductance including a terminal member having a contact face spaced from said first face only a sufficient distance to withstand the working voltage between said faces, and a movable contact having opposed faces adapted to be brought into and out of engagement with the two first-mentioned contact faces.

2,438,476
MULTIRANGE TUNING MEANS FOR RADIO FREQUENCY GENERATORS
John Mathieson Dodds, Timperley, and John Heywood Ludlow, Bowdon, England
Application December 29, 1943, Serial No. 516,108
In Great Britain May 13, 1938
8 Claims. (Cl. 250—40)



1. In a radio transmitter, a condenser including opposed corrugated plate elements, a movable switch member connected to one of said condenser plate elements, a series of fixed contacts arranged in the path of movement of said movable switch member, a valve including a grid terminal, a second movable switch member connected to said grid terminal, a second series of fixed contacts arranged in the path of movement of said second switch member, the contacts of said two series being respectively arranged in pairs, at least one of said pairs of fixed contacts being connected only by an inductance, and other pairs being connected by an inductance and conducting means in parallel with said inductance.

2,438,477
TUNING CIRCUIT FOR RADIO TRANSMITTERS
John Mathieson Dodds, Timperley, and John Heywood Ludlow, Bowdon, England
Application December 29, 1943, Serial No. 516,110
In Great Britain July 10, 1940
2 Claims. (Cl. 250—40)



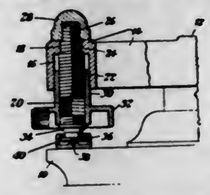
1. In a radio transmitter for ultra high frequencies; a valve including an anode, a grid terminal spaced from said anode, a screen grid associated with said anode and a metallic support for said screen grid electrically associating said screen grid with said grid terminal adapted to provide an anode inductance path of low inductance; a condenser having a fixed plate connected to the anode, a cooperating main movable plate, and means to move the main movable plate through a range of positions while maintaining it parallel to the fixed plate; said moving means including an auxiliary plate hingedly and electrically connected along one edge to the main movable plate and along its opposite edge to said grid terminal so as to electrically associate the main movable plate and the auxiliary plate with said grid terminal; said plates being so dimensioned as to maintain the impedance of the anode inductance loop at a low value.

2,438,478
METHOD OF PREPARING SILICONES AND PRODUCT THEREOF
James Franklin Hyde, Corning, N. Y., assignor to Corning Glass Works, Corning, N. Y., a corporation of New York
No Drawing. Application February 26, 1942, Serial No. 432,529
3 Claims. (Cl. 260—448.2)

1. A polymer of dimethyl silicone having the formula $[(CH_3)_2SiO]_n$ where n represents an integer from 3 to 4 inclusive.

2,438,479
DUSTPROOF LEVELING SCREW
William Patrosio, Jersey City, and William Ferber, Hoboken, N. J., assignors to Keuffel & Esser Company, Hoboken, N. J., a corporation of New Jersey
Application December 21, 1944, Serial No. 569,146
4 Claims. (Cl. 248—180)

1. In a leveling screw construction for surveying instruments and the like, a substantially horizontal leveling arm, the outer end of which has a substantially vertical bore therethrough, the upper portion of said bore being threaded and the remaining lower portion of the bore being cylindrical and of substantially larger diameter and extent than the threaded portion, a shouldered threaded screw stud extending through said bore with a shoulder engaging the upper portion of said cylindrical section of the bore and being provided with a thread engaging



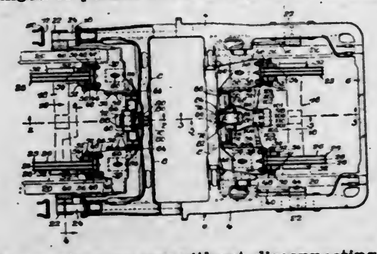
the thread in said arm, a portion of said stud extending above the arm and being provided with a different-handed thread from that of the arm, a locking cap threaded on the stud extension, a movable sleeve member threaded on said stud and extending into said cylindrical bore, said sleeve member having a cylindrical external surface substantially fitting the internal surface of said bore, a base plate below said arm, and means on the lower end of said sleeve engaging said plate.

2,438,480
PURIFICATION OF VINYL HALIDE AND VINYLIDENE HALIDE POLYMERS
George W. Stanton, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Delaware
No Drawing. Application April 5, 1944, Serial No. 529,695
1 Claim. (Cl. 260—88)

The method for destroying peroxide-containing catalyst residues in an alcohol-insoluble polymer containing a member of the class of the vinyl halides and the vinylidene halides polymerized therein, which comprises heating the polymeric substance in finely divided solid form with sufficient of an amyl alcohol in the liquid phase to wet the polymer, at the boiling point of the alcohol, for a period sufficient to destroy the peroxide, and separating the so-purified finely divided solid polymer from the liquid alcohol, both the polymer and the alcohol giving negative tests for peroxides when tested with an aqueous acetone solution of potassium iodide.

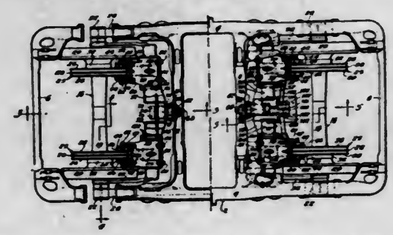
2,438,481
DISC BRAKE ARRANGEMENT
Carl E. Tack, Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application May 25, 1942, Serial No. 444,407
11 Claims. (Cl. 188—59)

1. In a brake arrangement, a wheel and axle assembly, rotatable brake discs mounted thereon, cylinder housings antifrictionally supported from said assembly adjacent respective discs, friction means supported from said housings for engagement with said discs, openings in the adjacent sides of said housings for the insertion and removal of operating means associated with said friction means, a member connecting said housings, and means engaged with said member for restraining its rotation with respect to said assembly during engagement of said friction means and said discs, said member being formed and arranged to permit the insertion and removal of



said operating means without disconnecting said member from said housings.

2,438,482
RAILWAY DISC BRAKE ARRANGEMENT
Carl E. Tack, Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application June 8, 1942, Serial No. 446,183
20 Claims. (Cl. 188—59)



1. In a brake arrangement, a wheel and axle assembly, brake discs thereon, friction means for engagement with said discs, a brake frame supported from the ends of said assembly, means preventing rotation of said brake frame about said assembly, said frame comprising a pocket adjacent each disc, cylinder housings in respective pockets, brake levers fulcrumed therein for connection to said respective friction means, and means securing each housing within the associated pocket, said last mentioned means comprising spaced bolts securing the housing to the rear wall of said pocket, and spaced pins securing the housing to the bottom wall of said pocket, said pins affording fulcrum means for respective of said levers.

2,438,483
BRAKE SHOE AND HEAD ARRANGEMENT
Carl E. Tack, Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application July 8, 1944, Serial No. 544,009
12 Claims. (Cl. 188—234)



1. A segmental brake head and shoe assembly comprising a rigid head having spaced lugs with aligned openings for reception of associated pivotal securing means, and a composition brake shoe having a flat face in complementary engage-

ment with the face of said head, said flat face having a relieved portion defining a shallow, arcuate cavity between said head and shoe continuous from end to end thereof and suitable to accommodate the flow of fluid means therebetween, said cavity also serving to accommodate the expansive flow of the composition material of which said shoe is composed in a direction toward said head and away from the friction surface of said shoe whereby substantially equalized pressure is secured on said friction surface, said shoe having a plurality of intersecting slots on the friction face thereof, said cavity extending approximately halfway across the width of said shoe for the full length thereof.

2,438,484

FLUORINATED DIBASIC ACIDS AND METHOD OF PREPARING SAME

Albert L. Henne, Columbus, Ohio, assignor to The Ohio State University Research Foundation, Columbus, Ohio, a corporation of Ohio

No Drawing. Application October 13, 1944, Serial No. 558,607

5 Claims. (Cl. 260—537)

3. A new class of compounds consisting of hexafluoroglutaric acid and alkaline salts thereof.

2,438,485

FLUORINATED DIBASIC ACIDS AND METHOD OF PREPARING SAME

Albert L. Henne, Columbus, Ohio, assignor to Ohio State University Research Foundation, Columbus, Ohio, a corporation of Ohio

No Drawing. Application October 4, 1946, Serial No. 701,083

3 Claims. (Cl. 260—537)

1. A method of preparing tetrafluorosuccinic acid which comprises the steps of breaking the ring of tetrafluorodichlorocyclobutane by oxidation in an alkaline solution for forming an alkaline salt of tetrafluorosuccinic acid, adding an acid in sufficient quantities to react with the alkaline metal of said salt whereby tetrafluorosuccinic acid is formed in solution, and then extracting the tetrafluorosuccinic acid from said solution.

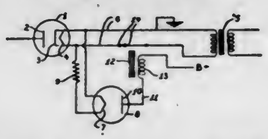
2,438,486

POWER REGULATOR

Nathaniel Rochester, Milton, Mass., assignor to Sylvania Electric Products Inc., Salem, Mass., a corporation of Massachusetts

Application June 27, 1946, Serial No. 679,841

4 Claims. (Cl. 315—97)



1. Apparatus for regulating cathode emission comprising a cathode to be regulated situated within an electronic device, a control tube having at least a plate and cathode, power supply means connected to energize both cathodes, the emission of the cathode in said control tube being more critically dependent upon its temperature and faster in thermal response than the regulated cathode, power supply means having a connection to the control tube plate and a normally closed relay switch in said plate connection having its switch contacts connected to turn the power to said cathodes on and off, whereby the controlled cathode receives successive charges of current metered by the thermal emission characteristic of the cathode in the control tube.

McKallick, Mary, Spokane, Wash. Letter box. 2,438,785, Mar. 30.

McLarn, Ernest S., Manhasset, assignor to International Standard Electric Corporation, New York, N. Y. Electrical contact brush. 2,438,510, Mar. 30.

McLeckie, Harry W., Naples, Tex. Hand dryer. 2,438,762, Mar. 30.

McMahan, Thomas E., Ojai, Calif. Well tool. 2,438,673, Mar. 30.

McMahon, William, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Copper chromium, arsenic compound for wood preserving. 2,438,511, Mar. 30.

McMillan, James O., assignor to F. J. Ablah, Wichita, Kans. Carbonator. 2,438,714, Mar. 30.

Meadow, Jacob R., Memphis, Tenn., and E. E. Reid, Baltimore, Md., assignors to Socony-Vacuum Oil Company, Incorporated. Separation of asphalt from hydrocarbons. 2,438,874, Mar. 30.

Mehut, Jean, Lyon, France, assignor to International Standard Electric Corporation, New York, N. Y. Pneumatic switch. 2,438,512, Mar. 30.

Meigs, Douglas P., Silver Spring, Md., assignor by mesne assignments, to American Instrument Co., Inc. Closure for high-pressure vessels. 2,438,513, Mar. 30.

Merck & Co., Inc., assignee: *See*—
Miller, Stewart M., and Van de Kamp.

Metal Office Furniture Company, assignee: *See*—
Bullock, Earle C.

Metropolitan-Vickers Electrical Company Limited, assignee: *See*—
Dodds, John M., and Scoles.

Miller, Christopher G., Rifle, Colo. Fruit picker's sack. 2,438,860, Mar. 30.

Miller Pottery Engineering Company, assignee: *See*—
Miller, William J.

Miller, Roland J., assignee, et al: *See*—
Leach, Charles C.

Miller, Stewart M., and J. van de Kamp, Westfield, N. J., assignors to Merck & Co., Inc., Rahway, N. J. Purification of dehydrocorticosterone acetate. 2,438,715, Mar. 30.

Miller, William J., Swissvale, assignor to Miller Pottery Engineering Company, Swissvale, Pittsburgh, Pa. Method and apparatus for decorating pottery ware. 2,438,514, Mar. 30.

Minneapolis-Honeywell Regulator Company, assignee: *See*—
Schoeppel, John F.

Modine Manufacturing Company, assignee: *See*—
Spieth, Benjamin.

Mohler, Marvin F., Arlington, Va. Plug and jack box switching unit. 2,438,515, Mar. 30.

Monolith Portland Midwest Company, assignee: *See*—
Anderson, Frank J., and Williams.

Monsanto Chemical Company, assignee: *See*—
Blake, Edward S.

Montclair Research Corporation, assignee, et al.: *See*—
MacKenzie, Charles A., and Rust.

Moore, David P., Forest Hills, N. Y., assignor to Premium Merchandising Corporation. Ink paste cartridge for ball point fountain pens. 2,438,786, Mar. 30.

Moore, Edward, Newark, N. J. Lubricating means for internal-combustion engines. 2,438,816, Mar. 30.

Moore, Hazel E., Oakland, Calif. Pack for use in refrigeration anesthesia. 2,438,643, Mar. 30.

Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Stop device for pull apart sliders for separable fasteners. 2,438,614, Mar. 30.

Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Fastener stringer and producing the same. 2,438,615, Mar. 30.

Mosher, Jesse B., Colorado Springs, Colo. Wheeled toy. 2,438,616, Mar. 30.

Mossman, Donald P., Sr., Chicago, Ill. Wafer switch. 2,438,617, Mar. 30.

Mott, Ruthel J., Georgetown, Tex. Hair curler. 2,438,618, Mar. 30.

Mueller, Fritz W. H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Stabilized silver halide emulsions. 2,438,716, Mar. 30.

Muncie Gear Works, Inc., assignee: *See*—
Smith, Marvin M.

Nalick, Stanley, Los Angeles, Calif. Spinner. 2,438,817, Mar. 30.

National Cash Register Company, The, assignee: *See*—
Lambert, Harry L.

Navy, United States of America, as represented by the Secretary of the, assignee: *See*—
Barth, Theodore H.
Schuck, Oscar H.

Neiser, Joseph, Miami, Fla. Electric heater. 2,438,861, Mar. 30.

New, Archibald A., London, W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y. Polystyrene electric insulating materials. 2,438,516, Mar. 30.

Newell, Arthur T., Huntington, assignor to Kenyon Instrument Co., Inc., Huntington Station, N. Y. Anemometer. 2,438,674, Mar. 30.

Newell, William H., New York, and L. S. Brown, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Triangle solver. 2,438,818, Mar. 30.

Nicholas, George K., La Porte, Ind. Warp tension attachment. 2,438,675, Mar. 30.

Nicholas, John, assignor to H. S. & A. Robinson, Limited, Bristol, England. Paper bag making machinery. 2,438,787, Mar. 30.

Nickle, Arthur G.: *See*—
Nickle, Frank H. and A. G.

Nickle, Frank H. and A. G., Saginaw, Mich. Safety shearpin drive. 2,438,676, Mar. 30.

Niederl, Joseph B., Brooklyn, N. Y. Nitrated estrogenic hormones. 2,438,819, Mar. 30.

Niles-Bement-Pond Company, assignee: *See*—
Andrews, Douglas H., Jr., and Lipfert.
Drake, Alden M.
Fox, Raymond, and Whitney.
Hunt, Scott F.
Ladrach, Aaron G.
Lipfert, Donald E.

Nobelt Company, The, assignee: *See*—
Hardie, Harry.

Nolan, Thomas W.: *See*—
Arave, Franklin M., and Nolan.

Nuvoplas Corporation, assignee: *See*—
Casalino, Joseph.

Oberwegner, Alfred R., Los Angeles, Calif. Turret tool post. 2,438,644, Mar. 30.

O'Brien, William J., assignor to The Decca Record Company, Limited, London, England. Equisignal radio beacon system. 2,438,573, Mar. 30.

Obuchowski, Jan, Stamford, Conn. Musical automatic finger exercising machine. 2,438,820, Mar. 30.

Offner, Franklin, Chicago, Ill. Electrical treatment apparatus and control. 2,438,875, Mar. 30.

Olesky, Anthony P., assignor, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill. Push-button tuning control. 2,438,763, Mar. 30.

O'Loughlin, Charles E. A., St. Paul, Minn. Gauge knife. 2,438,517, Mar. 30.

O'Neill, Edward M., assignor to Union Machine Company, San Francisco, Calif. Mixing apparatus. 2,438,574, Mar. 30.

Ostendorf, Bernard, Jr.: *See*—
Bascom, Henry M., Massonneau, Ostendorf, and Rea.

Ostler, Virgil F., assignor to Lewis Equipment and Supply Company, Denver, Colo. Tire casing vulcanizer. 2,438,677, Mar. 30.

Otis Elevator Company, assignee: *See*—
Bruns, William H.

Palagonia, Joseph R., Brooklyn, N. Y. Collar clip. 2,438,645, Mar. 30.

Palmer, Donald A., Sheffield, England. Tobacco-pipe scraping tool. 2,438,678, Mar. 30.

Palmer, F. D., Inc., assignee: *See*—
Palmer, Frank D.

Palmer, Frank D., assignor to F. D. Palmer, Inc., Chicago, Ill. Paper box forming apparatus. 2,438,788, Mar. 30.

Parker Appliance Company, assignee: *See*—
Margrave, Wilton.

Parker Appliance Company, The, assignee: *See*—
Parker, Arthur L., and Vandervoort.

Parker, Arthur L., deceased, Cleveland, by H. M. Parker, executrix, Shaker Heights, and L. N. Vandervoort, assignors to The Parker Appliance Company, Cleveland, Ohio. Manifold tube coupling. 2,438,679, Mar. 30.

Parker, Helen M., executrix: *See*—
Parker, Arthur L., and Vandervoort.

Pearl, Irwin A., Appleton, Wis., assignor, by mesne assignments, to Sulphite Products Corporation. Production of organic acids. 2,438,789, Mar. 30.

Pedigo, Benjamin H., Jackson, Tenn. Spark arrester frame for locomotives. 2,438,862, Mar. 30.

Perfection Stove Company, assignee: *See*—
Resek, Marc, Focke, and Kirkpatrick.

Philco Corporation, assignee: *See*—
Stewart, William A.

Phillips Petroleum Company, assignee: *See*—
Piety, Raymond G.

Phillips, Walter A., Salinas, Calif. Highway and street traffic marking and method and apparatus for making. 2,438,764, Mar. 30.

Piety, Raymond G., Yonkers, N. Y., assignor to Phillips Petroleum Company. Circuit for measuring voltage of an alternating source. 2,438,518, Mar. 30.

Pines Engineering Company, assignee: *See*—
Bower, Byron F.

Plymouth Cordage Company, assignee: *See*—
Reed, Stephen A.

Pollitt, Harold, Waukegan, Ill. Adjustable anvil for micrometer calipers. 2,438,765, Mar. 30.

Polydoroff, Wladimir J., Glencoe, Ill. Loop antenna apparatus. 2,438,680, Mar. 30.

Postlethwaite, Sarah D., New York, N. Y. Removable sanitary belt tab. 2,438,790, Mar. 30.

Powers, Stephen J., assignor to Standard Telephones and Cables Limited, London, England. Tubular electrode assembly support for vacuum tubes. 2,438,519, Mar. 30.

Premium Merchandising Corporation, assignee: *See*—
Moore, David P.

Prest, Clarence O., assignor of one-half to Lockheed Aircraft Corporation, Burbank, Calif. Nonferrous alloy. 2,438,863, Mar. 30.

ment with the face of said head, said flat face having a relieved portion defining a shallow, arcuate cavity between said head and shoe continuous from end to end thereof and suitable to accommodate the flow of fluid means therebetween, said cavity also serving to accommodate the expansive flow of the composition material of which said shoe is composed in a direction toward said head and away from the friction surface of said shoe whereby substantially equalized pressure is secured on said friction surface, said shoe having a plurality of intersecting slots on the friction face thereof, said cavity extending approximately halfway across the width of said shoe for the full length thereof.

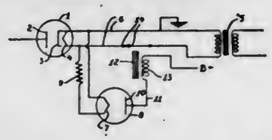
2,438,484
FLUORINATED DIBASIC ACIDS AND METHOD OF PREPARING SAME
Albert L. Henne, Columbus, Ohio, assignor to The Ohio State University Research Foundation, Columbus, Ohio, a corporation of Ohio
No Drawing. Application October 13, 1944, Serial No. 558,607
5 Claims. (Cl. 260—537)

3. A new class of compounds consisting of hexafluoroglutaric acid and alkaline salts thereof.

2,438,485
FLUORINATED DIBASIC ACIDS AND METHOD OF PREPARING SAME
Albert L. Henne, Columbus, Ohio, assignor to Ohio State University Research Foundation, Columbus, Ohio, a corporation of Ohio
No Drawing. Application October 4, 1946, Serial No. 701,083
3 Claims. (Cl. 260—537)

1. A method of preparing tetrafluorosuccinic acid which comprises the steps of breaking the ring of tetrafluorodichlorocyclobutane by oxidation in an alkaline solution for forming an alkaline salt of tetrafluorosuccinic acid, adding an acid in sufficient quantities to react with the alkaline metal of said salt whereby tetrafluorosuccinic acid is formed in solution, and then extracting the tetrafluorosuccinic acid from said solution.

2,438,486
POWER REGULATOR
Nathaniel Rochester, Milton, Mass., assignor to Sylvania Electric Products Inc., Salem, Mass., a corporation of Massachusetts
Application June 27, 1946, Serial No. 679,841
4 Claims. (Cl. 315—97)

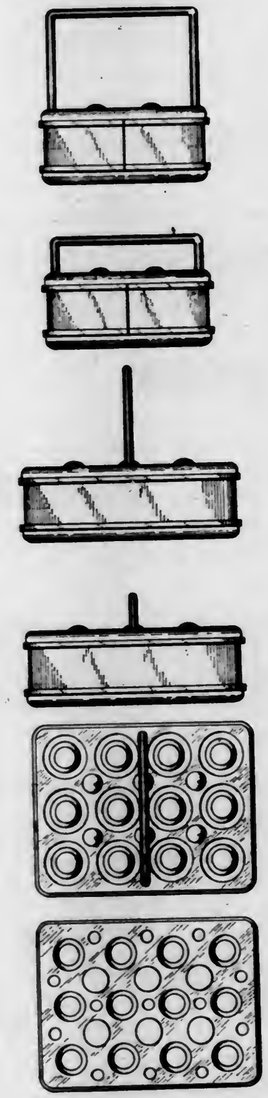


1. Apparatus for regulating cathode emission comprising a cathode to be regulated situated within an electronic device, a control tube having at least a plate and cathode, power supply means connected to energize both cathodes, the emission of the cathode in said control tube being more critically dependent upon its temperature and faster in thermal response than the regulated cathode, power supply means having a connection to the control tube plate and a normally closed relay switch in said plate connection having its switch contacts connected to turn the power to said cathodes on and off, whereby the controlled cathode receives successive charges of current metered by the thermal emission characteristic of the cathode in the control tube.

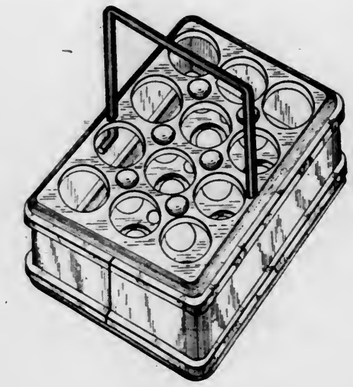
DESIGNS

MARCH 23, 1948

149,034
DESIGN FOR A BOTTLE CARRIER
Grant M. Acton, Arkansas City, Kans., assignor to Temp-Rite Manufacturing Company, Arkansas City, Kans., a partnership
Application May 6, 1946, Serial No. 129,348
Term of patent 14 years
(Cl. D58—4)

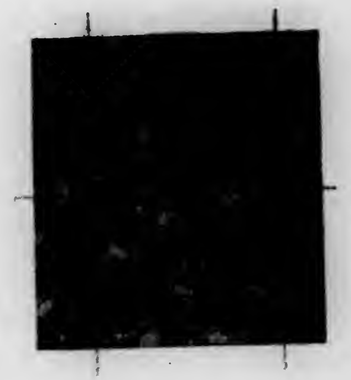


149,034—Continued



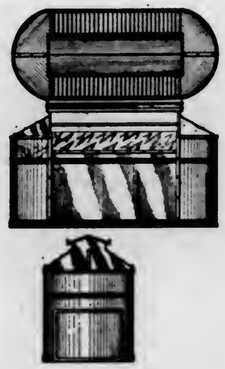
The ornamental design for a bottle carrier, as shown.

149,035
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Joseph P. Arcuni, Long Island, N. Y.
Application June 9, 1947, Serial No. 139,554
Term of patent 3½ years
(Cl. D92—1)



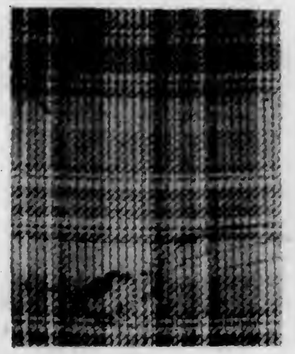
The ornamental design for a textile fabric or similar article, substantially as shown.

149,036
DESIGN FOR A REFRIGERATED DISPLAY UNIT
John V. Avila, San Jose, Calif.
Application January 6, 1947, Serial No. 135,974
Term of patent 14 years
(Cl. D80—11)



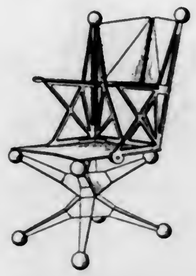
The ornamental design for a refrigerated display unit, as shown.

149,037
DESIGN FOR A WOVEN PLASTIC FABRIC
George Backer, New York, N. Y.
Application September 25, 1947, Serial No. 141,576
Term of patent 14 years
(Cl. D92—1)



The ornamental design for a woven plastic fabric, as shown and described.

149,038
DESIGN FOR A CHAIR
Joel D. Barber, New York, N. Y.
Application November 7, 1946, Serial No. 134,576
Term of patent 14 years
(Cl. D15—1)



The ornamental design for a chair, as shown.

149,039
DESIGN FOR A COMBINED WATCH CASE AND WRIST BAND
Robert A. Barré, New York, N. Y.
Application August 8, 1947, Serial No. 140,779
Term of patent 7 years
(Cl. D42—8)



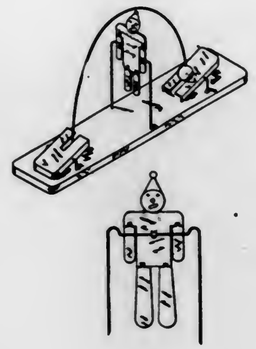
The ornamental design for a combined watch case and wrist band, substantially as shown and described.

149,040
DESIGN FOR A COMBINED WATCHCASE AND BAND
Robert A. Barré, New York, N. Y.
Application December 12, 1947, Serial No. 143,111
Term of patent 7 years
(Cl. D42—8)



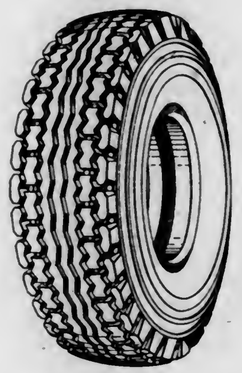
The ornamental design for a combined watch case and band, substantially as shown.

149,041
DESIGN FOR A FIGURE TOY
Samuel L. Beder, New York, N. Y.
Application November 2, 1946, Serial No. 134,487
Term of patent 7 years
(Cl. D34—15)



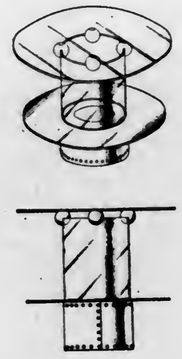
The ornamental design for a figure toy, substantially as shown.

149,042
DESIGN FOR A TIRE
William F. Billingsley, Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application March 21, 1947, Serial No. 137,801
Term of patent 14 years
(Cl. D90—20)



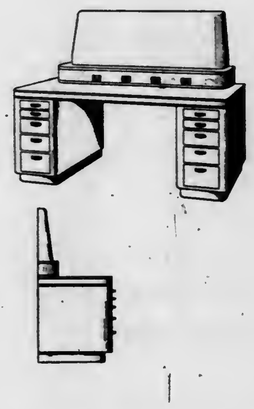
The ornamental design for a tire, as shown.

149,043
DESIGN FOR AN AQUARIUM TABLE
Lawrence A. Bouligny, Miami, Fla.
Application November 26, 1946, Serial No. 135,114
Term of patent 7 years
(Cl. D91—2)



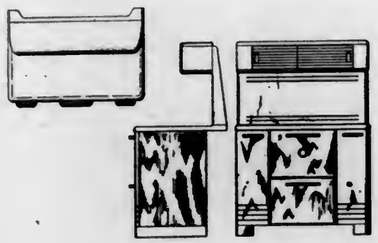
The ornamental design for an aquarium table, substantially as shown.

149,044
DESIGN FOR A RADIO SERVICE BENCH
Chester A. Brown and Henry Faber, Grand Rapids, Mich.
Application March 25, 1946, Serial No. 127,916
Term of patent 14 years
(Cl. D33—14)



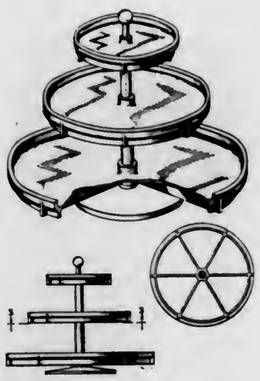
The ornamental design for a radio service bench, substantially as shown and described.

149,045
DESIGN FOR A KITCHEN RANGE
Carl G. Bjorncrants, Evanston, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application June 21, 1946, Serial No. 130,921
Term of patent 7 years
(Cl. D81—4)



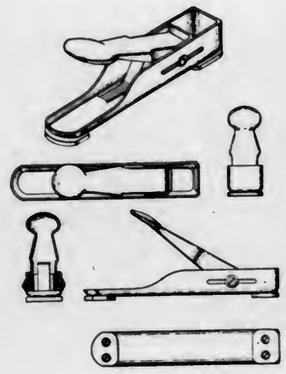
The ornamental design for a kitchen range, substantially as shown and described.

149,046
DESIGN FOR A HOSTESS TRAY
David Blumenthal and Herman L. Selden, Chicago, Ill., assignors to Phil-Mar Mfg. Corp., Chicago, Ill., a corporation of Illinois
Application June 22, 1946, Serial No. 130,934
Term of patent 14 years
(Cl. D44—10)



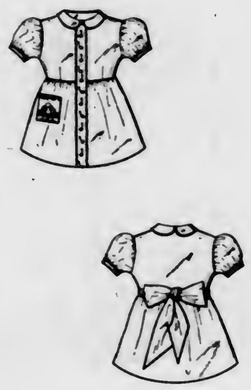
The ornamental design for a hostess tray, as shown.

149,047
DESIGN FOR A NUTCRACKER OR SIMILAR ARTICLE
Kendall Clark, Dayton, and William Merrill Allen, Hamilton, Ohio, assignors to The W. W. Boes Company, Dayton, Ohio, a corporation of Ohio
Application June 8, 1946, Serial No. 130,544
Term of patent 7 years
(Cl. D44—1)



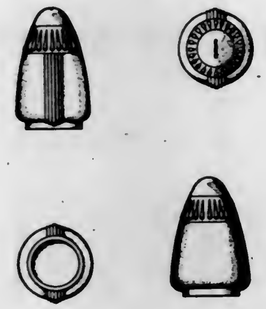
The ornamental device for a nutcracker or similar article, substantially as shown.

149,048
DESIGN FOR A DRESS
Benjamin Cooper and Saul S. Bickel, New York, N. Y.
Application October 9, 1947, Serial No. 141,820
Term of patent 7 years
(Cl. D3—26)



The ornamental design for a dress, as shown.

149,049
DESIGN FOR A CONDIMENT CONTAINER
John E. Davis, Sherman Oaks, Calif., assignor to Na Mac Products Corp., Los Angeles, Calif., a corporation of California
Application August 13, 1946, Serial No. 132,481
Term of patent 14 years
(Cl. D44—22)



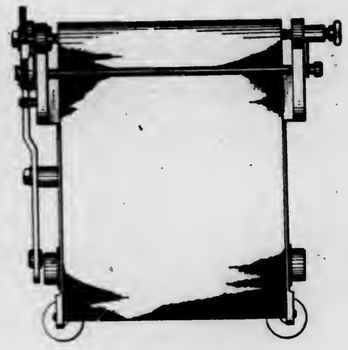
The ornamental design for a condiment container, as shown.

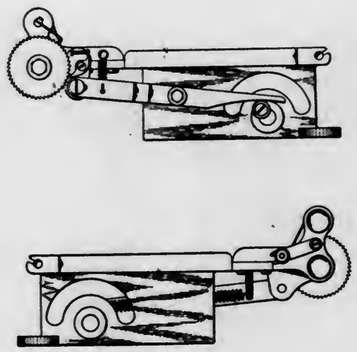
149,050
DESIGN FOR A CHRISTMAS STOCKING
Kathryn P. Donohue, Brentwood, Pa.
Application June 14, 1946, Serial No. 130,697
Term of patent 3½ years
(Cl. D47—7)



The ornamental design for a Christmas stocking, as shown.

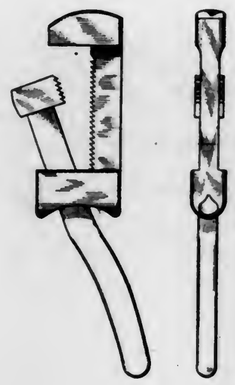
149,051
DESIGN FOR A TRANSFER RIBBON UNIT FOR MARKING MACHINES
Herbert E. Edwards, Wellesley Hills, Mass., assignor to T. J. Edwards, Inc., Boston, Mass., a corporation of Massachusetts
Application October 10, 1946, Serial No. 133,862
Term of patent 14 years
(Cl. D64—11)





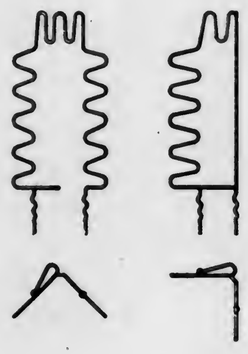
The ornamental design for a transfer ribbon unit for marking machines, substantially as shown.

149,052
DESIGN FOR A WRENCH
Arny O. Elnes, Duluth, Minn., assignor of one-half to Clarence H. Taylor, Duluth, Minn.
Application August 28, 1946, Serial No. 132,923
Term of patent 14 years
(Cl. D54—16)



The ornamental design for a wrench, as shown.

149,053
DESIGN FOR A PLANT SUPPORT
Herman Epstein, Kansas City, Mo.
Application February 18, 1946, Serial No. 126,684
Term of patent 7 years
(Cl. D35—3)



The ornamental design for a plant support, as shown.

149,054
DESIGN FOR A LACE OR SIMILAR ARTICLE
Otto Frei, New York, N. Y., assignor to Otto A. Scheurmann, Bayside, N. Y.
Application July 25, 1947, Serial No. 140,498
Term of patent 7 years
(Cl. D47—6)



The ornamental design for a lace or similar article, substantially as shown and described.

149,055
DESIGN FOR A LACE OR SIMILAR ARTICLE
Otto Frei, New York, N. Y., assignor to Otto A. Scheurmann, Bayside, N. Y.
Application July 25, 1947, Serial No. 140,499
Term of patent 7 years
(Cl. D47—6)



The ornamental design for a lace or similar article, substantially as shown and described.

149,056
DESIGN FOR A LACE OR SIMILAR ARTICLE
Otto Frei, New York, N. Y., assignor to Otto A. Scheurmann, Bayside, N. Y.
Application July 25, 1947, Serial No. 140,500
Term of patent 7 years
(Cl. D47—6)

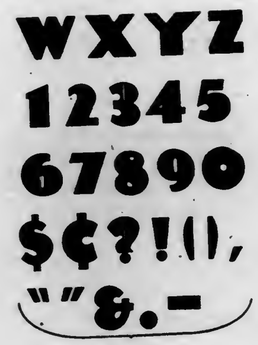


The ornamental design for a lace or similar article, substantially as shown and described.

149,057
DESIGN FOR A FONT OF TYPE OR SIMILAR ARTICLE
Berthold Goldsmith, Jr., Woodmere, N. Y., assignor to Botany Mills, Inc., Passaic, N. J., a corporation of New Jersey
Application January 17, 1947, Serial No. 136,217
Term of patent 14 years
(Cl. D64—12)



149,057—Continued



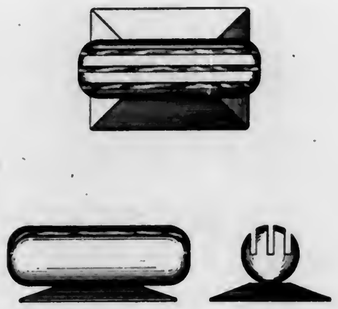
The ornamental design for a font of type or similar article, substantially as shown.

149,058
DESIGN FOR A RING BOX OR SIMILAR ARTICLE
Eleanor Groos, Mount Vernon, N. Y.
Application April 5, 1947, Serial No. 138,173
Term of patent 7 years
(Cl. D80—5)



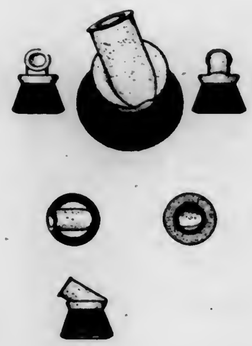
The ornamental design for a ring box or similar article, as shown.

149,059
DESIGN FOR A COMB HOLDER
Emery M. Hanrahan, Kenosha, Wis.
Application March 6, 1947, Serial No. 137,407
Term of patent 3½ years
(Cl. D86—10)



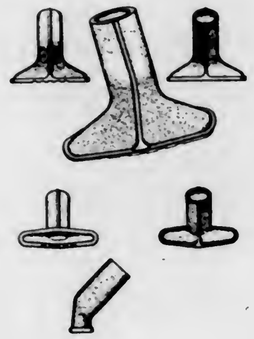
The ornamental design for a comb holder, as shown.

149,060
DESIGN FOR A BRUSH ATTACHMENT FOR VACUUM CLEANERS
Richard E. Harvuot, Inglewood, Calif., assignor to Interstate Aircraft and Engineering Corp., El Segundo, Calif., a corporation of California
Application August 26, 1946, Serial No. 132,854
Term of patent 3½ years
(Cl. D9—2)



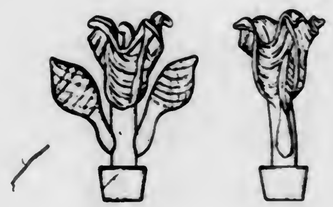
The ornamental design for a brush attachment for vacuum cleaners, substantially as shown.

149,061
DESIGN FOR A NOZZLE ATTACHMENT FOR VACUUM CLEANERS
Richard E. Harvuot, Inglewood, Calif., assignor to Interstate Aircraft and Engineering Corp., El Segundo, Calif., a corporation of California
Application August 26, 1946, Serial No. 132,857
Term of patent 3½ years
(Cl. D9—2)



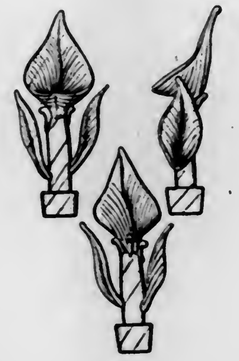
The ornamental design for a nozzle attachment for vacuum cleaners, substantially as shown.

149,062
DESIGN FOR A PERFUME BOTTLE STOPPER OR SIMILAR ARTICLE
John Herbst, New York, N. Y.
Application June 8, 1946, Serial No. 130,521
Term of patent 3½ years
(Cl. D58—10)



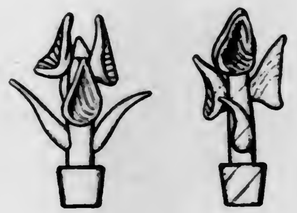
The ornamental design for a perfume bottle stopper or similar article, substantially as shown and described.

149,063
DESIGN FOR A PERFUME BOTTLE STOPPER OR SIMILAR ARTICLE
John Herbst, New York, N. Y.
Application June 8, 1946, Serial No. 130,522
Term of patent 3½ years
(Cl. D58—10)



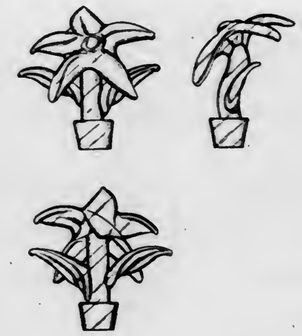
The ornamental design for a perfume bottle stopper or similar article, substantially as shown.

149,064
DESIGN FOR A PERFUME BOTTLE STOPPER OR SIMILAR ARTICLE
John Herbst, New York, N. Y.
Application June 8, 1946, Serial No. 130,523
Term of patent 3½ years
(Cl. D58—10)



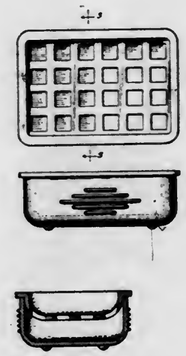
The ornamental design for a perfume bottle stopper or similar article, substantially as shown and described.

149,065
DESIGN FOR A PERFUME BOTTLE STOPPER OR SIMILAR ARTICLE
John Herbst, New York, N. Y.
Application June 8, 1946, Serial No. 130,528
Term of patent 3½ years
(Cl. D58—10)



The ornamental design for a perfume bottle stopper or similar article, substantially as shown.

149,066
DESIGN FOR A HYGIENIC SOAP DISH
Barnet D. Kaplan, New York, N. Y., assignor of one-half to Abner Weiner, Brooklyn, N. Y.
Application December 3, 1946, Serial No. 135,233
Term of patent 14 years
(Cl. D4—3)



The ornamental design for a hygienic soap dish, substantially as shown and described.

149,067
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 18, 1947, Serial No. 136,982
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

149,068
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 18, 1947, Serial No. 136,983
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

149,069
DESIGN FOR A SEPARABLE BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 18, 1947, Serial No. 136,993
Term of patent 7 years
(Cl. D45—19)



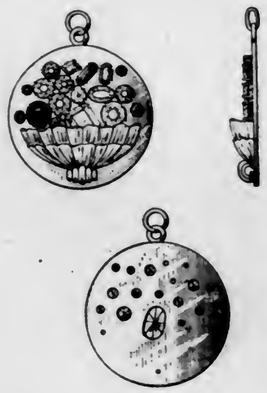
The ornamental design for a separable brooch or similar article, substantially as shown.

149,070
DESIGN FOR A FINGER RING
Felix P. Kinsley, St. Louis, Mo.
Application March 2, 1946, Serial No. 127,033
Term of patent 14 years
(Cl. D45—10)



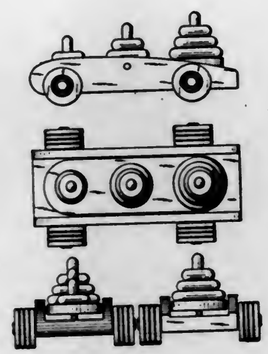
The ornamental design for a finger ring, as shown and described.

149,071
DESIGN FOR A PENDANT OR SIMILAR ARTICLE
Marc Koven, New York, N. Y.
Application December 13, 1946, Serial No. 135,467
Term of patent 3½ years
(Cl. D45—15)



The ornamental design for a pendant or similar article, as shown.

149,072
DESIGN FOR A WHEELED PULL TOY
Olai F. Larsen, Jr., Demarest, N. J., assignor to Noma Electric Corporation, New York, N. Y., a corporation of New York
Application March 14, 1946, Serial No. 127,507
Term of patent 3½ years
(Cl. D34—15)



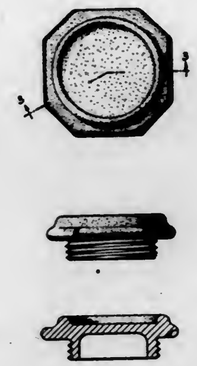
The ornamental design for a wheeled pull toy, as shown.

149,073
DESIGN FOR A LADY'S SHOE OR SIMILAR ARTICLE
David E. Levin, Brooklyn, N. Y., assignor to Evins, Inc., New York, N. Y., a corporation
Application August 22, 1947, Serial No. 141,009
Term of patent 3½ years
(Cl. D7—7)



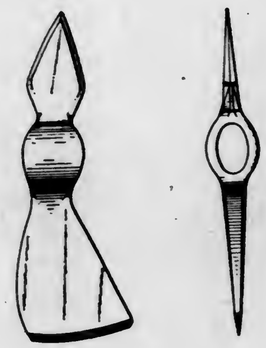
The ornamental design for a lady's shoe or similar article, substantially as shown and described.

149,074
DESIGN FOR A CLOSURE FOR BUNG HOLES OR THE LIKE
Joseph Levine, Flushing, N. Y.
Application December 29, 1945, Serial No. 125,205
Term of patent 3½ years
(Cl. D58—26)



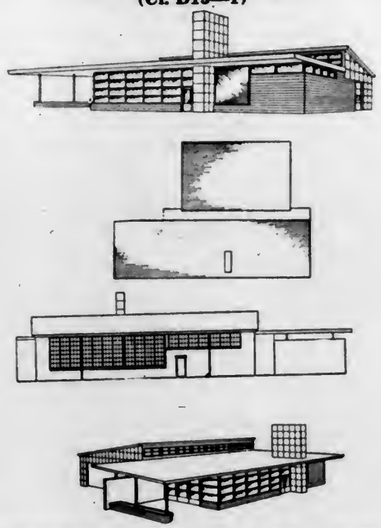
The ornamental design for a closure for bung holes or the like, substantially as shown.

149,075
DESIGN FOR A DOUBLE-HEADED HATCHET
Malcolm W. Lewis, West Clarkesville, N. Y.
Application October 7, 1946, Serial No. 133,815
Term of patent 14 years
(Cl. D93—4)



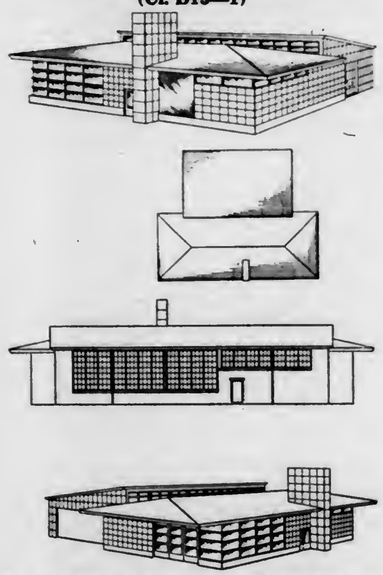
The ornamental design for a double-headed hatchet, as shown.

149,076
DESIGN FOR A BUILDING
Raymond Loewy, New York, N. Y.
Application August 30, 1946, Serial No. 132,966
Term of patent 14 years
(Cl. D13—1)



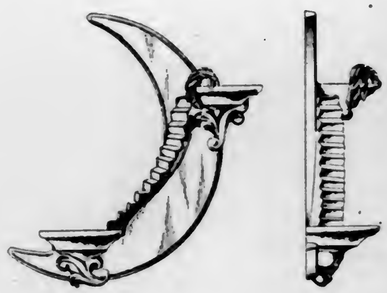
The ornamental design for a building, as shown.

149,077
DESIGN FOR A BUILDING
Raymond Loewy, New York, N. Y.
Application August 30, 1946, Serial No. 132,967
Term of patent 14 years
(Cl. D13—1)



The ornamental design for a building, as shown.

149,078
DESIGN FOR A WALL BRACKET
Jack Lucchesi, Chicago, Ill.
Application August 21, 1946, Serial No. 132,713
Term of patent 14 years
(Cl. D33—3)



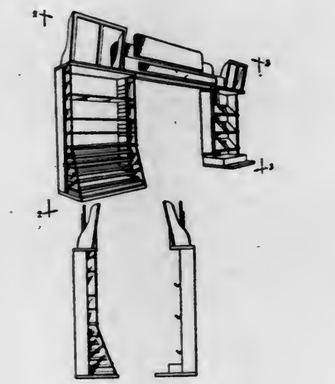
The ornamental design for a wall bracket, as shown.

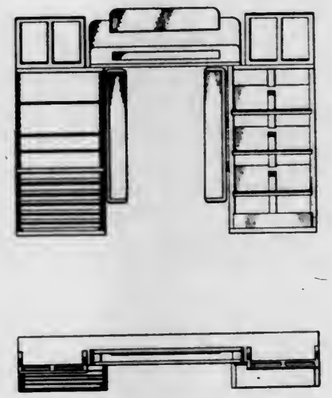
149,079
DESIGN FOR A CLOCK CASING
Frederick Lux, Middlebury, Conn., assignor to The Lux Clock Mfg. Co., Waterbury, Conn., a corporation of Connecticut
Application November 4, 1947, Serial No. 142,296
Term of patent 14 years
(Cl. D42—7)



The ornamental design for a clock casing, substantially as shown.

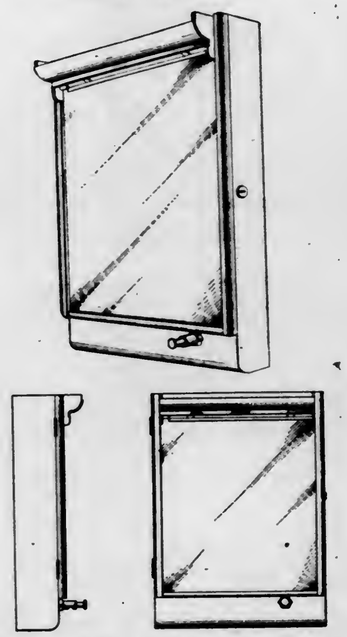
149,080
DESIGN FOR AN OVERHEAD COUNTER DISPLAY STAND
Simon Malkin, New York, N. Y., assignor to United Cigar-Whelan Stores Corporation, a corporation of Delaware
Application November 29, 1946, Serial No. 135,181
Term of patent 14 years
(Cl. D80—9)





The ornamental design for an overhead counter display stand, as shown.

149,081
DESIGN FOR A VIOLET RAY TOWEL AND SOAP CABINET
Maurice A. Michaels, Montclair, N. J., assignor to Sterilseat Corporation of America, Philadelphia, Pa., a corporation of Delaware
Application March 27, 1946, Serial No. 127,992
Term of patent 3½ years
(Cl. D33—19)



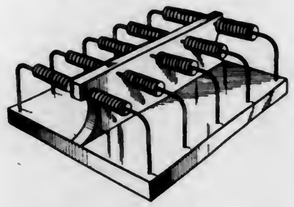
The ornamental design for a violet ray towel and soap cabinet, substantially as shown.

149,082
DESIGN FOR A BOOK END OR SIMILAR ARTICLE
Willis H. Miller, Dallas, Tex.
Application September 19, 1946, Serial No. 133,421
Term of patent 3½ years
(Cl. D33—3)



The ornamental design for a book end or similar article, substantially as shown.

149,083
DESIGN FOR AN ABACUS
Charles Mooney, Waco, Tex.
Application January 6, 1947, Serial No. 135,971
Term of patent 14 years
(Cl. D25—1)



The ornamental design for an abacus, as shown.

149,084
DESIGN FOR A SHRIMP KNIFE
Robert W. Nelson, Minneapolis, Minn.
Application July 31, 1946, Serial No. 132,150
Term of patent 3½ years
(Cl. D22—3)







The ornamental design for a shrimp knife, substantially as shown.

149,085
DESIGN FOR A MEAT PLATTER OR SIMILAR ARTICLE
Nathan S. Newman, Denver, Colo.
Application July 29, 1946, Serial No. 132,086
Term of patent 3½ years
(Cl. D44—15)



The ornamental design for a meat platter or similar article, as shown.

149,086
DESIGN FOR A CHICKEN PICKING FINGER UNIT
Bert T. Norman, Los Angeles, Calif., assignor to Selwyn B. Holley and Vernal M. Holley, Los Angeles, Calif.
Application June 5, 1946, Serial No. 130,427
Term of patent 3½ years
(Cl. D11—1)





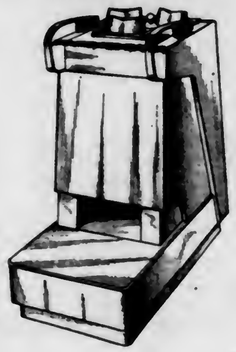
The ornamental design for a chicken picking finger unit, substantially as shown.

149,087
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application February 21, 1947, Serial No. 137,062
Term of patent 7 years
(Cl. D45—19)

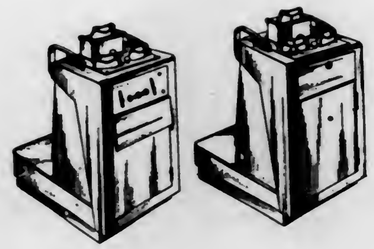


The ornamental design for a brooch or similar article, substantially as shown.

149,088
DESIGN FOR AN X-RAY SHOE FITTING CABINET
Jean Otis Reinecke, Oak Park, Ill., assignor to Primex Equipment Company, Chicago, Ill., a corporation of Illinois
Application October 5, 1946, Serial No. 133,796
Term of patent 14 years
(Cl. D83—1)



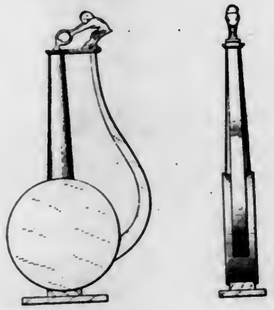
149,088—Continued



The ornamental design for an X-ray shoe fitting cabinet, as shown.

149,089
DESIGN FOR A DECANTER OR THE LIKE
Ewing S. Rixson, Greenwich, Conn., assignor to Robert H. Becker, Tuckahoe, N. Y.
Application July 24, 1946, Serial No. 131,877
Term of patent 14 years
(Cl. D36—2)





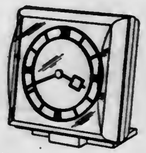
The ornamental design for a decanter or the like, as shown.

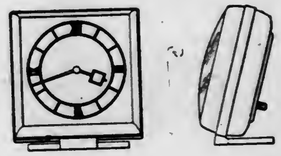
149,090
DESIGN FOR AN ORPHREY OR SIMILAR ARTICLE
Otto A. Scheurmann, Bayside, N. Y.
Application July 25, 1947, Serial No. 140,497
Term of patent 7 years
(Cl. D3—32)



The ornamental design for an orphrey or similar article, substantially as shown.

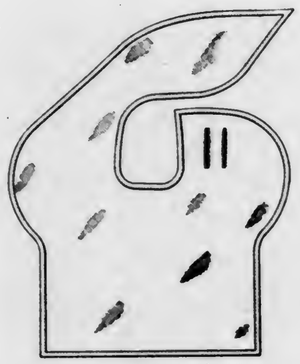
149,091
DESIGN FOR A CLOCK
Max E. Schlenker, Peru, Ill., assignor to General Time Instruments Corporation, New York, N. Y., a corporation of Delaware
Application December 26, 1947, Serial No. 143,358
Term of patent 14 years
(Cl. D42—7)





The ornamental design for a clock, substantially as shown.

149,092
DESIGN FOR A BIB
Jeannette Seidenbaum, Brooklyn, N. Y.
Application September 13, 1946, Serial No. 133,287
Term of patent 7 years
(Cl. D3—26)



The ornamental design for a bib, as shown.

149,093
DESIGN FOR A COIN BANK OR SIMILAR ARTICLE
Sara L. Seymour, Altadena, Calif.
Application April 8, 1946, Serial No. 128,386
Term of patent 3½ years
(Cl. D34—11)



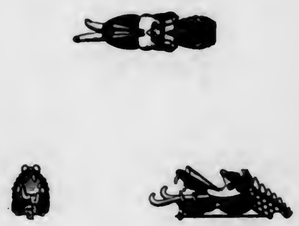
The ornamental design for a coin bank or similar article, substantially as shown.

149,094
DESIGN FOR A SLIP OR SIMILAR ARTICLE
Louis Silverman, New York, N. Y.
Application December 19, 1946, Serial No. 135,613
Term of patent 7 years
(Cl. D3—26)



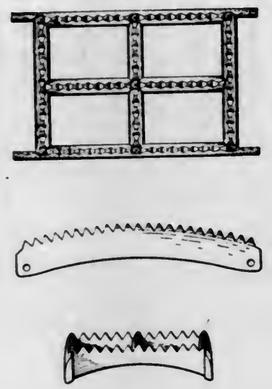
The ornamental design for a slip or similar article, substantially as shown.

149,095
DESIGN FOR A BROOCH OR THE LIKE
Murray Slater, Brooklyn, N. Y.
Application October 18, 1946, Serial No. 134,032
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or the like, as shown.

149,096
DESIGN FOR AN ANTISKID CHAIN LINK
Conrad H. Sloan, Duluth, Minn.
Application November 8, 1946, Serial No. 134,615
Term of patent 14 years
(Cl. D99—20)



The ornamental design for an anti-skid chain link, as shown.

149,097
DESIGN FOR A FINGER RING OR SIMILAR ARTICLE
Vincent Sorrentino, Providence, R. I., assignor to Uncas Manufacturing Company, a corporation of Rhode Island
Application October 15, 1947, Serial No. 141,921
Term of patent 14 years
(Cl. D45—10)



The ornamental design for a finger ring or similar article, substantially as shown.

149,098
DESIGN FOR A ROCKING HORSE
Sylvia Stein, Chicago, Ill., assignor to Roxy Manufacturing Company, Chicago, Ill., a co-partnership comprised of Sylvia Stein, Emanuel T. Batko, and Al Stillman
Application April 24, 1946, Serial No. 128,921
Term of patent 3½ years
(Cl. D34—15)



The ornamental design for a rocking horse, substantially as shown and described.

149,099
DESIGN FOR A PUSH PIN
Hobert E. Sweet, Providence, R. I., assignor to H. E. Sweet Manufacturing Co., Providence, R. I., a partnership composed of Hobert E. Sweet and Hobert E. Sweet, Jr.
Application July 25, 1946, Serial No. 131,926
Term of patent 14 years
(Cl. D54—9)



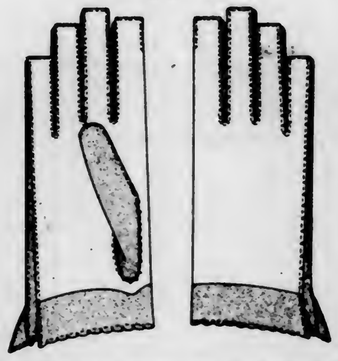
The ornamental design for a push pin, substantially as shown.

149,100
DESIGN FOR A SOAP CAKE HOLDER
Raymond R. Ward, Brecksville, Ohio
Application August 13, 1946, Serial No. 132,495
Term of patent 14 years
(Cl. D4—3)



The ornamental design for a soap cake holder, substantially as shown and described.

149,101
DESIGN FOR A GLOVE
Hilda Woller-Duff, New York, N. Y.
Application August 24, 1946, Serial No. 132,835
Term of patent 3½ years
(Cl. D3—11)



The ornamental design for a glove, substantially as shown.

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Patents expiring: Patent Numbers 1,798,130 to 1,799,142, inclusive, issued March 31, 1931, expire March 31, 1948

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

American Glossite Co., Inc., Putnam, Conn. Hat braids. Serial No. 534,588, Mar. 30. Class 40.

American Rolling Mill Company, The, Middletown, Ohio. Trade and technical publications. Serial No. 528,022, Mar. 30. Class 38.

American Rolling Mill Company, The, Middletown, Ohio. Trade and technical publications. Serial No. 531,171, Mar. 30. Class 38.

American Universities Medical Research Publications, Inc., The, New York, N. Y. Publication. Serial No. 515,650, Mar. 30. Class 38.

Animal Trap Company of America, Lititz, Pa. Duck decoys and decoys for other wild fowl and water fowl. Serial No. 507,360, Mar. 30. Class 22.

Arbal, S. A., Lausanne, Switzerland. Rods. Serial No. 528,244, Mar. 30. Class 14.

Atlas Supply Company, Newark, N. J. Automobile seat covers. Serial No. 531,760, Mar. 30. Class 19.

Auto Fabrics Corporation, Philadelphia, Pa. Automobile seat covers. Serial No. 531,289, Mar. 30. Class 19.

Aut-O-Tot Company, Omaha, Nebr. Electrical heated baby bottle warmer. Serial No. 517,690, Mar. 30. Class 21.

Baran, Peter, & Sons, Inc., Harrison, N. J. Leather. Serial No. 528,887, Mar. 30. Class 1.

Bardex Medicine Company: *See*—
Bartok, Milton.

Barney, H. J., Manufacturing Co., Providence, R. I. Fountain pens and mechanical pencils. Serial No. 517,340, Mar. 30. Class 37.

Bartok, Milton, doing business as Bardex Medicine Company, Sarasota, Fla., and Columbus, Ohio. Tonic. Serial No. 520,256, Mar. 30. Class 6.

Bassick Company, The, Bridgeport, Conn. Vehicle tires. Serial No. 511,589, Mar. 30. Class 35.

Batson, Clark O., Perkinston, Miss. Dairy feed. Serial No. 511,975, Mar. 30. Class 46.

Bayshore Industries, Inc., Elkton, Md. Toy balloons, Serial No. 517,110, Mar. 30. Class 22.

Bayshore Industries, Inc., Elkton, Md. Toy balloons. Serial No. 525,769, Mar. 30. Class 22.

Best & Co. Inc., New York, N. Y. Weighing scales. Serial No. 516,000, Mar. 30. Class 26.

Bond Trading Co., New York, N. Y. Ladies' hats. Serial No. 524,107, Mar. 30. Class 39.

Bradford, W. J., Paper Co., Chicago, Ill. Paper box partitions. Serial No. 526,653, Mar. 30. Class 37.

Bradley, Laurens & Campbell, New York, N. Y. Leg and foot-rests. Serial No. 522,793, Mar. 30. Class 32.

Bragno & Company, Chicago, Ill. Wines. Serial No. 484,612, Mar. 30. Class 47.

Bratt, Bert J., doing business as Polygon, Chicago, Ill. Games. Serial No. 528,121, Mar. 30. Class 22.

Brown, E. A., Mfg. Company: *See*—
Brown, Edward A.

Brown, Edward A., doing business as E. A. Brown Mfg. Company, Dodge City, Kans. Fisherman's casting rod handle and reel cover. Serial No. 524,857, Mar. 30. Class 22.

Burns, Jabez, & Sons, Inc., New York, N. Y. Electrical instruments. Serial No. 506,580, Mar. 30. Class 26.

Buscarlet Glove Company, Inc., New York, N. Y. Leather gloves. Serial No. 532,558, Mar. 30. Class 39.

Carter's Ink Company, The, Cambridge, Mass. Latex adhesive. Serial No. 507,571, Mar. 30. Class 5.

Charmette Fabrics Company, Inc., New York, N. Y. Tricot knit jersies in the piece. Serial No. 525,788, Mar. 30. Class 42.

Chicago Electric Manufacturing Company, Chicago, Ill. Electric laundry washers. Serial No. 529,360, Mar. 30. Class 24.

Church & Dwight Co., Inc., New York, N. Y. Bicarbonate of soda. Serial No. 526,741, Mar. 30. Class 6.

Church & Dwight Co., Inc., New York, N. Y. Sal soda, baking soda, and bicarbonate of soda. Serial No. 526,901, Mar. 30. Class 6.

Codo Manufacturing Corp., Coraopolis, Pa., and Chicago, Ill. Typewriter ribbons. Serial No. 523,240, Mar. 30. Class 11.

Conklin Pen Company, Inc., The, Chicago, Ill. Fountain pens, fountain pen parts, pencils, and parts thereof, etc. Serial No. 526,585, Mar. 30. Class 37.

Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis. Coated and uncoated paper. Serial No. 527,244, Mar. 30. Class 37.

Container Equipment Corporation, Newark, N. J. Carton and package sealing machines. Serial No. 517,029, Mar. 30. Class 23.

Continental Car-Na-Var Corporation, Brazil, Ind. Monthly magazine. Serial No. 511,796, Mar. 30. Class 38.

Coulson Heel Company, Inc., Hanover, Pa. Leather heels, innersoles and counters. Serial No. 530,471, Mar. 30. Class 39.

Cunningham, Jack B., doing business as Shortwave Plastic Forming Company, Burbank, Calif. Electronic high frequency generators. Serial No. 514,578, Mar. 30. Class 21.

Curtis, Helene, Industries, Inc., Chicago, Ill. Machineless chemical hair waving pads and solutions. Serial No. 519,262, Mar. 30. Class 6.

Cutter Laboratories, Berkeley, Calif. Calcium penicillin. Serial No. 512,386, Mar. 30. Class 6.

Cutter Laboratories, Berkeley, Calif. Calcium penicillin tablets. Serial No. 512,387, Mar. 30. Class 6.

David, André S., Inc., New York, N. Y. Gloves. Serial No. 513,238, Mar. 30. Class 39.

Davis, W. B., & Son, Inc., Fort Payne, Ala. Hosiery. Serial No. 513,164, Mar. 30. Class 39.

Dillman Industries, Inc., Memphis, Tenn. Shipping containers. Serial No. 527,101, Mar. 30. Class 2.

Duffy, Francis L., Pontiac, Ill. Newspaper column. Serial No. 526,631, Mar. 30. Class 38.

Durrell, Brown, Co., Boston, Mass., and New York, N. Y. Polo shirts and slips. Serial No. 468,108, Mar. 30. Class 39.

Edison Chemical Co.: *See*—
Edison, Sylvan M.

Edison, Sylvan M., doing business under the name of Edison Chemical Co., Chicago, Ill. Powder soluble to make a cleaning solution. Serial No. 525,808, Mar. 30. Class 4.

Edwards Packing Company, Lakeland, Fla. Fresh citrus fruits. Serial No. 524,308, Mar. 30. Class 46.

El Camino Petroleum Co., Los Angeles, Calif. Petroleum solvent. Serial No. 500,292, Mar. 30. Class 4.

Electronic Advertising, Inc., New York, N. Y. Photoelectric eye actuated electrical apparatus. Serial No. 496,900, Mar. 30. Class 21.

Electro-Physical Laboratories, Inc., New York, N. Y. Chemically treated heat-sensitive paper. Serial No. 511,805, Mar. 30. Class 37.

Emerson, Richard W., Columbus, Ohio. Magazine. Serial No. 522,530, Mar. 30. Class 38.

Eston Chemicals, Inc., Los Angeles, Calif. Insecticides. Serial No. 537,672, Mar. 30. Class 6.

Famex Mfg. Co., Bay City, Mich. Window cleaning compound. Serial No. 537,306, Mar. 30. Class 4.

Federal Laboratories, Inc., Pittsburgh, Pa. Lawn edger. Serial No. 513,302, Mar. 30. Class 23.

Federal Telephone and Radio Corporation, New York, N. Y. Industrial ovens heated by electrostatic and magnetic fields. Serial No. 506,743, Mar. 30. Class 21.

Florida Fishing Leader Company, West Palm Beach, Fla. Fishing tackle. Serial No. 519,744, Mar. 30. Class 22.

Fortress Manufacturing Co., Milwaukee, Wis. Lawn maintenance equipment. Serial No. 502,283, Mar. 30. Class 13.

Gallaway, George W., New York, N. Y. Fuel oil stabilizer. Serial No. 512,832, Mar. 30. Class 15.

General Dyestuff Corporation, New York, N. Y. Dyes and dyestuffs. Serial No. 509,338, Mar. 30. Class 6.

George, F. C., Machine Company, Orlando, Fla. Mechanical jabber apparatus. Serial No. 516,011, Mar. 30. Class 23.

Gladding, B. F., & Co., Inc., South Otselic, N. Y. Fishing lines. Serial No. 530,813, Mar. 30. Class 22.

Giesaner Company, The, Findlay, Ohio. Cough and croup remedy. Serial No. 538,752, Mar. 30. Class 6.

Globe-Union Inc., Milwaukee, Wis. Ceramic capacitors. Serial No. 529,633, Mar. 30. Class 21.

Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Flexible plastic tubing for surgical and clinical use. Serial No. 513,106, Mar. 30. Class 44.

Grand Products Co., Chicago, Ill. Unfilled dram-size perfume dispensers and unfilled vanity cases. Serial No. 517,361, Mar. 30. Class 2.

Great American Tea Company, The, New York, N. Y. Coffee. Serial No. 528,206, Mar. 30. Class 46.

Great American Tea Company, The, New York, N. Y. Marshmallow cream; vanilla extract, tea, etc. Serial No. 528,861, Mar. 30. Class 46.

Great Atlantic & Pacific Tea Company, The, New York, N. Y. Quick frozen strawberries, peas, and apples. Serial No. 528,470, Mar. 30. Class 46.

Great Atlantic & Pacific Tea Company, The, New York, N. Y. Canned corn, tomatoes, pears, etc. Serial No. 528,471, Mar. 30. Class 46.

Greenberg-Kahner Co., New York, N. Y. Window curtains, tablecloths, drapes, etc. Serial No. 524,535, Mar. 30. Class 42.

Guideposts Associates, Inc., Pawling, N. Y. Publications. Serial No. 497,793, Mar. 30. Class 38.

Handman, Maurice, doing business as Maurella Products Co., New York, N. Y. Hand and body lotions. Serial No. 537,180, Mar. 30. Class 6.

Handman, Maurice, doing business as Maurella Products Co., New York, N. Y. Cologne. Serial No. 537,181, Mar. 30. Class 6.

Handman, Maurice, doing business as Maurella Products Co., New York, N. Y. Talcum powder. Serial No. 537,182, Mar. 30. Class 6.

Handman, Maurice, doing business as Maurella Products Co., New York, N. Y. Hair tonic. Serial No. 537,183, Mar. 30. Class 6.
Hanes, P. H., Knitting Company, Winston-Salem, N. C. Knit and woven underwear and children's sleepers. Serial No. 533,565, Mar. 30. Class 39.
Hansen Manufacturing Company, Incorporated, Princeton, Ind. Electrical motors. Serial No. 511,611, Mar. 30. Class 21.
Harrower Laboratory, Inc., The, Glendale, Calif. Vitamin tablets. Serial No. 519,522, Mar. 30. Class 6.
Hartford Products Corporation, The, Hartford, Conn., and Chicago, Ill. Electric stoves, ranges, cookers, and space heaters. Serial No. 516,276, Mar. 30. Class 21.
Hat Corporation of America, Norwalk, Conn. Hats. Serial No. 524,185, Mar. 30. Class 39.
Higley Chemical Company, The, Dubuque, Iowa. Liquid toilet soap. Serial No. 519,272, Mar. 30. Class 4.
Holland-Rantos Company, Inc., New York, N. Y. Waterproof rubberized textile sheeting. Serial No. 509,845, Mar. 30. Class 42.
Home Furnishings Style Council, New York, N. Y. Clocks. Serial No. 517,132, Mar. 30. Class 27.
Horton & Converse, Los Angeles, Calif. Low caloric nutritional supplement. Serial No. 538,282, Mar. 30. Class 6.
I. T. Publications Limited, London, England. Periodical printed publication. Serial No. 500,769, Mar. 30. Class 38.
Ilg Electric Ventilating Company, Chicago, Ill. Self-cooled motor propeller fans, blowers, air conditioning apparatus, etc. Serial No. 530,202, Mar. 30. Class 34.
Interchemical Corporation, New York, N. Y. Typewriter ribbon and carbon paper. Serial No. 530,083, Mar. 30. Class 11.
Jay, Norbert, New York, N. Y. Package and product designing. Serial No. 526,814, Mar. 30. Class 55.
Johnson, S. C., & Son, Inc., Racine, Wis. Wax composition. Serial No. 511,617, Mar. 30. Class 6.
Kaywoodie Company, West New York, N. J. Smokers' pipes, cigar and cigarette holders. Serial No. 503,376, Mar. 30. Class 8.
Keith, Geo. E., Company, Brockton, Mass. Cleanser for white fabrics. Serial No. 509,011, Mar. 30. Class 4.
Kemgas Process Company, Lubbock, Tex. Nozzles used in connection with an atomizing apparatus. Serial No. 506,453, Mar. 30. Class 13.
Kemper Fabrics Co., Inc., New York, N. Y. Textile fabrics in the piece. Serial No. 531,919, Mar. 30. Class 42.
Kendall Company, The, Boston, Mass. Surgical adhesive tape. Serial No. 533,902, Mar. 30. Class 44.
Key City Gas Company, The, Dubuque, Iowa. Liquid petroleum gas. Serial No. 507,188, Mar. 30. Class 6.
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Knothe Brothers Co. Inc., New York, N. Y. Men's and boys' pajamas, textile underwear, and negligee and dress shirts. Serial No. 529,274, Mar. 30. Class 39.
Kopp, George T., doing business as Kopp Manufacturing Co., Detroit, Mich. Electric controls for gas hot water heaters. Serial No. 504,849, Mar. 30. Class 26.
Kopp Manufacturing Co.: *See*—
Kopp, George T.
Kuhn, Lou, Inc., New York, N. Y. Raincoats and rain jackets. Serial No. 517,578, Mar. 30. Class 39.
Lane Tobacco, Ltd., New York, N. Y. Cigarettes, cigars, snuff tobacco, etc. Serial No. 497,726, Mar. 30. Class 17.
Langhaus, Morris, doing business as Sun-Ray Hair Preparations Co., New York, N. Y. Hair colors, hair tonics, lotions, etc. Serial No. 507,008, Mar. 30. Class 6.
Lee, T. Kong, doing business as Lee's Agency, San Francisco, Calif. Food sensoning powder. Serial No. 515,772, Mar. 30. Class 46.
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Linen Thread Co., Inc., The, New York, N. Y. Thread. Serial No. 534,029, Mar. 30. Class 43.
Linen Thread Co., Inc., The, New York, N. Y. Thread. Serial No. 534,033, Mar. 30. Class 43.
Linkman, M., & Company, Chicago, Ill. Smoking pipes. Serial No. 527,323, Mar. 30. Class 8.
Luminastic Products, Inc., Newport, Ky. Artificial fish lures. Serial No. 522,526, Mar. 30. Class 22.
MacGregor, May, New York, N. Y. Supporting board adapted for use in exercise of the human body. Serial No. 497,806, Mar. 30. Class 22.
MacLeans Laboratories, Inc., Bloomfield, N. J. Carbonated food beverage. Serial No. 506,115, Mar. 30. Class 46.
Magnesium Company of America, Chicago, Ill. Magnesium sheets and plates; finished and unfinished, sand, permanent mold and die casting, etc. Serial No. 502,704, Mar. 30. Class 14.
Maloof, Fred, Company, Inc., New York, N. Y. Ladies' and misses' slips, nightgowns, panties, etc. Serial No. 509,228, Mar. 30. Class 39.
Maloof, Fred, Company, Inc., New York, N. Y. Table cloths, table napkins, table scarfs, etc. Serial No. 509,229, Mar. 30. Class 42.
Marshall Field & Company, Chicago, Ill. Bed sheets and sheeting in the piece, pillow cases and tubing, etc. Serial No. 532,843, Mar. 30. Class 42.
Maurella Products Co.: *See*—
Handman, Maurice.
Mechanics' Tool and Forge Company, The, Sabina, Ohio. Mechanics' hand tools. Serial No. 506,678, Mar. 30. Class 23.
Medalist Co., Inc., Passaic, N. J. Cigars. Serial No. 530,666, Mar. 30. Class 17.
Messick, Thomas W., doing business as Tom Bait Company, Mattoon, Ill. Artificial fishing bait. Serial No. 525,653, Mar. 30. Class 22.
Metallizing Company of America, Chicago, Ill. Metal depositing apparatus. Serial No. 470,836, Mar. 30. Class 21.
Miller, E. S., Laboratories, Inc., Los Angeles, Calif. Vitamin B. Serial No. 527,986, Mar. 30. Class 6.
Minot Food Packers, Inc., Bridgeton, N. J. Cranberry sauce and potato salad. Serial No. 524,198, Mar. 30. Class 46.
Mojud Hosiery Co., Inc., Long Island City, N. Y. Slips. Serial No. 532,854, Mar. 30. Class 39.
Monarch Leather Company, Chicago, Ill. Leather. Serial No. 513,446, Mar. 30. Class 1.
Monark Silver King, Inc., Chicago, Ill. Bicycles. Serial No. 531,352, Mar. 30. Class 19.
Monark Silver King, Inc., Chicago, Ill. Bicycles. Serial No. 539,821, Mar. 30. Class 19.
Nasco Doll, Inc., Brooklyn, N. Y. Dolls. Serial No. 521,458, Mar. 30. Class 22.
National Aluminum Manufacturing Co., Peoria, Ill. Pressure cookers, and kitchen utensils, etc. Serial No. 510,190, Mar. 30. Class 13.
National Drug Company, The, Philadelphia, Pa. Solution of natural estrogenic hormone substance. Serial No. 511,954, Mar. 30. Class 6.
National Tea Co., Chicago, Ill. Dry breakfast foods. Serial No. 511,567, Mar. 30. Class 46.
Neumann, Arthur E., Chicago, Ill. Silk, cotton, nylon, etc., in piece goods. Serial No. 532,334, Mar. 30. Class 42.
Niemann, Charles H., Washington, D. C. Sets of procedure cards or sheets. Serial No. 490,030, Mar. 30. Class 38.
Oakes & Company, Chicago, Ill. Tires and tubes. Serial No. 519,089, Mar. 30. Class 35.
Occy-Crystine Corporation, The, Salisbury, Conn., and New York, N. Y. Proprietary medicine. Serial No. 528,507, Mar. 30. Class 6.
Odyssey Enterprises, assignor to Voco, Inc., New York, N. Y. Greeting cards. Serial No. 502,450, Mar 30. Class 38.
Ortho Pharmaceutical Corporation, Linden, N. J. Pharmaceutical preparation. Serial No. 516,912, Mar. 30. Class 6.
Panart Recording Corporation, New York, N. Y. Mechanically grooved phonograph records. Serial No. 519,597, Mar. 30. Class 36.
Par Beverage Corporation, also doing business as Par Products Company, Inc., Cincinnati, Ohio. Washing and cleaning solutions. Serial No. 513,135, Mar. 30. Class 4.
Par Products Company, Inc.: *See*—
Par Beverage Corporation.
Patch, E. L., Company, The, Stoneham, Mass. Medicated troche. Serial No. 518,363, Mar. 30. Class 6.
Paxton Diesel Engineering Company, Omaha, Nebr. Electro-mechanical trip mechanism. Serial No. 488,832, Mar. 30. Class 26.
Peco Manufacturing Corporation, Philadelphia, Pa. Experimental and special machinery and fixtures for turning, grinding, etc. Serial No. 496,040, Mar. 30. Class 23.
Pennsylvania Rubber Company, Jeannette, Pa. Pneumatic rubber inner tubes, pneumatic tires, etc. Serial No. 485,595, Mar. 30. Class 35.
Plastictronics, Inc., New York, N. Y. Plastic inflatable swim rings, plastic inflatable balls. Serial No. 523,155, Mar. 30. Class 22.
Plomb Tool Company, Los Angeles, Calif. Pliers, end wrenches, and sockets. Serial No. 539,797, Mar. 30. Class 23.
Plomb Tool Company, Los Angeles, Calif. Pliers, end wrenches, and sockets. Serial Nos. 539,799–800, Mar. 30. Class 23.
Plomb Tool Company, Los Angeles, Calif. Wrenches. Serial No. 540,007, Mar. 30. Class 23.
Pollack, Jacob E., Dundalk, Md. Toothbrushes. Serial No. 520,299, Mar. 30. Class 29.
Polygon: *See*—
Bratt, Bert J.
Rexall Drug Company, Los Angeles, Calif. Instruments for measuring capillary fragility. Serial No. 521,467, Mar. 30. Class 26.
Richards, Boggs & King, Inc., Chicago, Ill. Compacts. Serial No. 499,281, Mar. 30. Class 2.
Rochester Brewing Company, Inc., Rochester, N. Y. Beer and ale. Serial No. 519,775, Mar. 30. Class 48.
Roma Wine Company, New York, N. Y., and Fresno, Calif. Wines. Serial No. 492,095, Mar. 30. Class 47.
Rome Cable Corporation, Rome, N. Y. Insulated electrical conductors, wires and cables. Serial No. 529,709, Mar. 30. Class 21.

Roos, Ed, Company, of Forest Park, Forest Park, Ill. Cedar chests. Serial No. 509,928, Mar. 30. Class 32.
Rutlee Chemical Company, Perth Amboy, N. J., and Washington, D. C. Nutritious endodermic ointment of protein hydrolysates. Serial No. 503,676, Mar. 30. Class 6.
Sav-Way Industries, assignor to Sav-Way Industries, Incorporated, Detroit, Mich. Hand controlled internal grinding machine, hydraulically controlled internal grinding machines, etc. Serial No. 487,337, Mar. 30. Class 23.
Sav-Way Industries, Incorporated, assignee: *See*—
Sav-Way Industries.
Schieren, Chas. A., Company, New York, N. Y. Adhesive belt-cement. Serial No. 530,855, Mar. 30. Class 5.
Schlueter Manufacturing Co., St. Louis, Mo. Wash boilers and wash tubs. Serial No. 530,339, Mar. 30. Class 24.
Schulmerich Electronics, Inc., Sellersville, Pa. Electrically operated carillons chimes. Serial No. 506,968, Mar. 30. Class 36.
Scranton Tobacco Co., Incorporated, Scranton, Pa. Chewing tobacco. Serial No. 535,431, Mar. 30. Class 17.
Seal Fastener Corp., New York, N. Y. Separable fasteners of the slider controlled type. Serial No. 521,213, Mar. 30. Class 13.
Sensation Mower, Inc., Ralston, Nebr. Gasoline and electrically powered lawn mowers, and power driven butter churns. Serial No. 494,204, Mar. 30. Class 23.
Seymour Woolen Mills, Seymour, Ind. Blankets. Serial No. 526,527, Mar. 30. Class 42.
Sherwin-Williams Company, The, Cleveland, Ohio. Insecticides and fungicides. Serial No. 484,913, Mar. 30. Class 6.
Shipley, R. C., Manufacturing Company: *See*—
Shipley, Robert C.
Shipley, Robert C., doing business as R. C. Shipley Manufacturing Company, Kalamazoo, Mich. Cribbage score boards. Serial No. 529,313, Mar. 30. Class 22.
Shortwave Plastic Forming Company: *See*—
Cunningham, Jack B.
Sinclair, H. M., Jr., trustee for the Sinclair Manufacturing Company, Toledo, Ohio. Liquid chemical deodorizer, bleach, disinfectant, and sterilizer. Serial No. 526,987, Mar. 30. Class 6.
Sinclair Manufacturing Company, The: *See*—
Sinclair, H. M., Jr.
Skiles, Burton, Hollywood, Calif. Electrical devices used in muscular exercising. Serial No. 533,789, Mar. 30. Class 44.
Smith Paper, Inc., Lee, Mass. Cigarette paper cut to size and cigarette paper booklets cut size. Serial No. 519,422, Mar. 30. Class 8.
Southern Advance Bag & Paper Co. Inc., Bangor, Maine, and Boston, Mass. Kraft wrapping paper. Serial No. 508,870, Mar. 30. Class 37.
Southern Advance Bag & Paper Co. Inc., Bangor, Maine, and Boston, Mass. Kraft wrapping paper. Serial No. 509,730, Mar. 30. Class 37.
South Seas Trading Corp., New York, N. Y. Window curtain accessory sets. Serial No. 517,597, Mar. 30. Class 42.
Southwest Manufacturing Company, Little Rock, Ark. Baseball and softball bats. Serial No. 529,524, Mar. 30. Class 22.
Speed Way Propeller Company, The, Houston, Tex. Propellers. Serial No. 509,251, Mar. 30. Class 22.
Spencer Thermostat Company, Attleboro, Mass. Water, steam and gas valves. Serial No. 527,145, Mar. 30. Class 13.
Spray-O-Dor Company, assignor to Spray-O-Dor Company, Chicago, Ill. Door check deodorizing sprayers. Serial No. 515,687, Mar. 30. Class 23.
Stretch-Master Company, Not Inc., The, Chicago, Ill. Expansion bracelets. Serial No. 497,138, Mar. 30. Class 28.
Sun Oil Company, Philadelphia, Pa. Pneumatic tires, tire tubes, pneumatic tire and inner tube repair kits, etc. Serial No. 523,488, Mar. 30. Class 35.
Sun-Ray Hair Preparations Co.: *See*—
Langhaus, Morris.
Swift & Company, Chicago, Ill. Agricultural sulphur chemicals. Serial No. 507,086, Mar. 30. Class 6.
Talon, Inc., Meadville, Pa. Notebooks. Serial No. 527,923, Mar. 30. Class 37.
Taylor Instrument Companies, Rochester, N. Y. Instruments for measuring and controlling temperature, pressure, etc. Serial No. 514,857, Mar. 30. Class 26.
Textile Book Publishers, Inc., New York, N. Y. Books and hand books. Serial No. 517,388, Mar. 30. Class 38.
Tobacco By-Products and Chemical Corporation, Louisville, Ky. Fumigants. Serial No. 501,216, Mar. 30. Class 6.
Tom Bait Company: *See*—
Messick, Thomas W.
Transo Envelope Company, Chicago, Ill. Correspondence envelopes. Serial No. 528,106, Mar. 30. Class 37.
Triangle Publications, Inc., Philadelphia, Pa. Dress and other clothing patterns. Serial No. 505,943, Mar. 30. Class 26.
Trump, F. J.: *See*—
Trump, Frederic J.
Trump, Frederic J., doing business as F. J. Trump, Stamford, Conn. Tooth paste. Serial No. 505,087, Mar. 30. Class 6.
Tupper Corporation, Farnumsville, Mass. Plastic and composition cigaret and combined cigaret and match cases. Serial No. 528,840, Mar. 30. Class 8.
United Elastic Corporation, Easthampton, Mass. Wide elastic webbing. Serial No. 518,992, Mar. 30. Class 42.
U. S. Electrical Motors, Inc., Los Angeles, Calif. Electrical hollow shaft motors. Serial No. 519,385, Mar. 30. Class 21.
U. S. Electrical Motors, Inc., Los Angeles, Calif. Vertical hollow shaft electrical motors. Serial No. 519,388, Mar. 30. Class 21.
U. S. Vitamin Corporation, New York, N. Y. Preparation containing amino acids, vitamins and minerals. Serial No. 529,119, Mar. 30. Class 6.
Universal Metal Products Co., Inc., New York, N. Y. Automotive vehicle equipment. Serial No. 529,841, Mar. 30. Class 19.
Vermont Store, Inc., The, Northampton, Mass. Maple products, and also for boned chicken. Serial No. 507,665, Mar. 30. Class 46.
Voco, Inc.: *See*—
Odyssey Enterprises.
Walker Vitamin Products, Inc., Mt. Vernon, N. Y. Vitamins and vitamin combination. Serial No. 504,138, Mar. 30. Class 6.
Walker Vitamin Products, Inc., Mount Vernon, N. Y. Medicinal capsules. Serial No. 518,796, Mar. 30. Class 6.
Warfel, Janet L., Chicago, Ill. Publications. Serial No. 512,301, Mar. 30. Class 38.
Waters Conley Company, Rochester, Minn. Electrical phonographs. Serial No. 530,789, Mar. 30. Class 21.
Westall, Evelyn, doing business as Evelyn Westall Co., New York, N. Y. Negligees, nightgowns, and slips. Serial No. 514,080, Mar. 30. Class 39.
Westall, Evelyn, Co.: *See*—
Westall, Evelyn.
Western Products, Inc., Newark, Ohio. Rigid and semi-rigid sheets surfaced with plastic materials. Serial No. 505,269, Mar. 30. Class 1.
Westvaco Chlorine Products Corporation, New York, N. Y., Carteret, N. J., South Charleston, W. Va., and Newark, Calif. Cleaning compound. Serial No. 536,569, Mar. 30. Class 4.
Westvaco Chlorine Products Corporation, New York, N. Y., Carteret, N. J., South Charleston, W. Va., and Newark, Calif. Bottle washing compound. Serial No. 536,570, Mar. 30. Class 4.
Wheatena Corporation, The, Rahway, N. J. Wheat breakfast food. Serial No. 527,662, Mar. 30. Class 46.
Whittall, M. J., Associates, Inc., Worcester, Mass. Carpets and rugs. Serial No. 523,439, Mar. 30. Class 42.
Won-Putt Co., The, Memphis, Tenn. Golf clubs. Serial No. 503,236, Mar. 30. Class 22.
Yankee Bottled Gas Corp., Westville, N. H., and Lexington, Mass. Bottled liquefied petroleum gas. Serial No. 514,870, Mar. 30. Class 6.
Youngs Rubber Corporation, New York, N. Y. Prophylactic rubber articles. Serial No. 536,477, Mar. 30. Class 44.

LIST OF REGISTRANTS OF TRADE-MARKS

Ace Fastener Corporation, Chicago, Ill. Stapling machines and staples therefor, etc. 363,963, Jan. 17, 1939. Republished Mar. 30. Class 37.
Acme Chemical Company, Milwaukee, Wis. Powdered chemical. 373,810, Dec. 26, 1939. Republished Mar. 30. Class 6.
Acme Chemical Company, Milwaukee, Wis. Floor dressing. 378,180, May 28, 1940. Republished Mar. 30. Class 16.
Acme Visible Records, Inc.: *See*—
General Fireproofing Co., The.
Adco, Inc.: *See*—
American Disinfecting Co., Inc.
Adler Company, The: *See*—
Adler Underwear & Hosiery Mfg. Co., The.
Adler Underwear & Hosiery Mfg. Co., The, by The Adler Company, Cincinnati, Ohio. Knitted cloth. 214,002, June 8, 1926. Republished Mar. 30. Class 42.

Agfa Ansco Corporation, assignor to Agfa Ansco Corporation, Binghamton, N. Y., by General Aniline & Film Corporation, New York, N. Y. Sensitized photographic paper. 370,728–29, Sept. 5, 1939. Republished Mar. 30. Class 26.

Ahlmann, Lyndola M., doing business as Spout Products Company, Cincinnati, Ohio. Dry cleaning preparation. 437,654, Mar. 30; Serial No. 514,925, published Dec. 23, 1947. Class 4.

Ahlmann, Lyndola M., doing business as Spout Products Company, Cincinnati, Ohio. Dry cleaning preparation. 437,655, Mar. 30; Serial No. 514,926, published Dec. 23, 1947. Class 4.

Aktiengesellschaft vormals B. Siegfried, Zofingen, Switzerland. Medicinal reconstructive and reconstituent tonic. 437,820, Mar. 30; Serial No. 523,502, published Jan. 6, 1948. Class 6.

Alan Plastics Corp., Irvington, N. J. Men's and women's plastic belts. 437,850, Mar. 30; Serial No. 524,756, published Dec. 16, 1947. Class 39.

Alcohol, Dobell's solution, zinc ointment, etc., Denatured. Peoples Drug Stores, Inc. 227,440, renewed May 3, 1947. O. G. Mar. 30. Class 6.

All-Brite Chemical Co.: *See*—
Goodkin, Albert E.

Alleson Sportswear Company, Rochester, N. Y. Sport coats, cardigans, loafer coats, etc. 437,721, Mar. 30; Serial No. 518,740, published July 22, 1947. Class 39.

Altman, B., & Co., New York, N. Y. Raincoats, mackinaws, sport coats, etc. 437,691, Mar. 30; Serial No. 516,751, published Dec. 23, 1947. Class 39.

Altman, B., & Co., New York, N. Y. Piece goods. 437,696, Mar. 30; Serial No. 516,945, published Dec. 30, 1947. Class 42.

Amenta, A., & Company: *See*—
Amenta, Angelo.

Amenta, Angelo, doing business as A. Amenta & Company, Paterson, N. J. Preparation and beautifier for the hair. 437,865, Mar. 30; Serial No. 525,519, published Dec. 30, 1947. Class 6.

American Bird Products, Inc., Chicago, Ill. Bird seed and song food. 348,891, Aug. 17, 1937. Republished Mar. 30. Class 46.

American Cyanamid Company, New York, N. Y. Multivitamin capsule. 437,608, Mar. 30; Serial No. 509,388, published June 10, 1947. Class 6.

American Cyanamid Company, New York, N. Y. Compositions based on mixed amidine phosphates. 437,776, Mar. 30; Serial No. 521,553, published Dec. 16, 1947. Class 6.

American Cyanamid Company, New York, N. Y. Pteroyl tri glutamic acid. 437,805, Mar. 30; Serial No. 522,920, published Sept. 23, 1947. Class 6.

American Disinfecting Co., Inc., by Adco, Inc., Sedalia, Mo. Liquid preparation for surfacing, dressing, polishing and finishing floors and linoleum, etc. 362,154, Nov. 15, 1938. Republished Mar. 30. Class 16.

American Electro Metal Corporation, Yonkers, N. Y. Unfinished small molded metal parts. 437,541, Mar. 30; Serial No. 496,417, published Dec. 23, 1947. Class 14.

American Federation of Musicians, Local 802, Associated Musicians of Greater New York, New York, N. Y. Monthly publication. 437,866, Mar. 30; Serial No. 525,523, published Dec. 23, 1947. Class 38.

American Fork and Hoe Company, The, Cleveland, Ohio. Farm and garden hand tools. 62,551, May 14, 1907. Republished Mar. 30. Class 23.

American Fork & Hoe Company, The, Cleveland, Ohio. Axes, hammers, hatchets, etc. 367,104, May 9, 1939. Republished Mar. 30. Class 23.

American Laboratories, Incorporated, Richmond, Va. Imitation food flavorings. 437,699, Mar. 30; Serial No. 517,227, published Dec. 16, 1947. Class 46.

American Machine and Metals, Inc., New York, N. Y. Ventilating fan units. 437,557, Mar. 30; Serial No. 499,936, published Dec. 16, 1947. Class 34.

American Mineral Spirits Company, Chicago, Ill. Liquid solvent of petroleum origin. 388,915, July 15, 1941. Republished Mar. 30. Class 16.

American Oak Leather Company, The, Cincinnati, Ohio. Leather. 380,662, Aug. 27, 1940. Republished Mar. 30. Class 1.

American Rolling Mill Company, The, Middletown, Ohio. Hot and cold rolled sheets, galvanized sheets, metal shets, etc. 437,605, Mar. 30; Serial No. 509,066, published Dec. 30, 1947. Class 14.

American Shoe Company, Incorporated, St. Louis, Mo. Shoes. 437,851, Mar. 30; Serial No. 524,758, published Dec. 23, 1947. Class 39.

American Woolen Company, New York, N. Y. Woolen piece goods. 405,680, Feb. 15, 1944. Republished Mar. 30. Class 42.

American Woolen Company, New York, N. Y. Ladies' and children's coats and suits. 414,508, June 12, 1945. Republished Mar. 30. Class 39.

Ames Company, Inc., Elkhart, Ind. Physiologic laxative. 437,719, Mar. 30; Serial No. 518,643, published Dec. 16, 1947. Class 6.

Ames Supply Company, Chicago, Ill. Typewriter ribbons. 437,731, Mar. 30; Serial No. 519,160, published Dec. 30, 1947. Class 11.

Amity Silver, Inc., Brooklyn, N. Y. Sterling silver flatware and silver plated flatware. 437,789, Mar. 30; Serial No. 522,174, published Dec. 23, 1947. Class 28.

Androscoggin Mills, Lewiston, Maine, by Bemis Bro. Bag Company, St. Louis, Mo. Grain-bags. 142,431, May 17, 1921. Republished Mar. 30. Class 2.

Anglo Fabrics Company, Inc., New York, N. Y. Worsted suitings in the piece. 437,880, Mar. 30. Class 42.

Ann Marilyn of California, Los Angeles, Calif. Children's dresses, pinafores, and dresses. 437,576, Mar. 30; Serial No. 505,661, published Jan. 6, 1948. Class 39.

Antique Shoppe, The: *See*—
Rubicon.

Arapahoe Chemicals, Inc., Boulder, Colo. Acetamidothiophene, 2-acetothienone oxime 2-aminothiophene, etc. 437,727, Mar. 30; Serial No. 518,869, published Jan. 6, 1948. Class 6.

Archer Rubber Company, Milford, Mass. Elastic corset fabric in the piece. 437,543, Mar. 30; Serial No. 496,945, published Jan. 6, 1948. Class 42.

Archer Rubber Company, Milford, Mass. Elastic corset fabric in the piece. 437,545, Mar. 30; Serial No. 497,442, published Jan. 6, 1948. Class 42.

Arden, Elizabeth, Sales Corporation, New York, N. Y. Lipsticks, lip pencils, rouge, etc. 437,528, Mar. 30; Serial No. 491,946, published Dec. 16, 1947. Class 6.

Armour, Roy W., doing business as Chemical Process & Engineering Co., Los Angeles, Calif. General purpose cleaning and sanitizing compound. 437,558–9, Mar. 30; Serial No. 500,200–1, published Dec. 16, 1947. Class 4.

Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Insulating fiberboard. 368,336, June 13, 1939. Republished Mar. 30. Class 12.

Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Glass bottles, jars, etc. 377,025, Apr. 16, 1940. Republished Mar. 30. Class 33.

Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Ribbons or bands of linoleum and similar hard surface floor coverings. 392,036, Dec. 2, 1941. Republished Mar. 30. Class 20.

Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Linoleum and similar hard surface floor coverings. 392,037, Dec. 2, 1941. Republished Mar. 30. Class 20.

Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Water bottles, fountain syringes, and combination water bottle and fountain syringes, etc. 404,945, Dec. 28, 1943. Republished Mar. 30. Class 44.

Arrow Elastic Fabric Co., West New York, N. J. Girdles. 437,588, Mar. 30; Serial No. 507,563, published Jan. 6, 1948. Class 39.

Associated Seed Growers, Inc., New Haven, Conn. Grass seed. 437,800, Mar. 30; Serial No. 522,758, published Dec. 9, 1947. Class 1.

Associated Seed Growers, Inc., New Haven, Conn. Grass seed. 437,801, Mar. 30; Serial No. 522,776, published Dec. 16, 1947. Class 1.

Automatic Products Company, Milwaukee, Wis. Liquid level responsive oil control valves. 378,083, May 28, 1940. Republished Mar. 30. Class 13.

Avco Manufacturing Corporation, Detroit, Mich. Gas cooking ranges. 437,799, Mar. 30; Serial No. 522,712, published Dec. 16, 1947. Class 34.

B & M Metal Products Corp., Montclair, N. J. Holders for foot wear. 437,610, Mar. 30; Serial No. 510,565, published Dec. 23, 1947. Class 13.

Bailey, John, Blountstown, Fla. Liniment. 437,615, Mar. 30; Serial No. 510,051, published Jan. 6, 1948. Class 6.

Ball Company, The, Chicago, Ill. Finger rings, earrings, brooches, etc. 405,356, Jan. 25, 1944. Republished Mar. 30. Class 28.

Ballantine, P., & Sons, Newark, N. J. Beer, ale, porter, and stout. 366,888, May 2, 1939. Republished Mar. 30. Class 48.

Banks, Al A., doing business as Lyk-Nu Company, New York, N. Y. Combination liquid waxing preparation. 431,071, July 1, 1947. Canceled Mar. 3, 1948. O. G. Mar. 30. Class 16.

Barnes, T. Roy, doing business as Mag-So-Lax Company, Tulsa, Okla. Anti-acid laxative. 437,857, Mar. 30; Serial No. 525,184, published Jan. 6, 1948. Class 6.

Baronet Co., The, New York, N. Y. Ladies' and misses' petticoats, slips, nightgowns, etc. 437,759, Mar. 30; Serial No. 520,371, published Dec. 30, 1947. Class 39.

Bassick Company, The: *See*—
Burns, Silver & Co., The.

Bassick Company, The, Bridgeport, Conn. Truck casters. 392,398–9, Dec. 23, 1941. Republished Mar. 30. Class 19.

Baxter, Don, Inc., Glendale, Calif. Closures and components of closures. 437,618, Mar. 30; Serial No. 510,645, published Dec. 23, 1947. Class 44.

Baxter, Don, Inc., Glendale, Calif. Container dispenser. 437,839, Mar. 30; Serial No. 524,230, published Dec. 23, 1947. Class 44.

Beake, Anton, & Company: *See*—
Beake, Anton X.

Beake, Anton X., doing business as Anton Beake & Company, Springfield, Mass. Preparation for the treatment of malaria. 437,720, Mar. 30; Serial No. 518,652, published Dec. 23, 1947. Class 6.

Beattie Products, Inc., New York, N. Y. Pyrophoric, catalytic and pilot cigarette lighters. 402,605, Aug. 3, 1943. Republished Mar. 30. Class 34.

Bedell, Berkley W., doing business as Berkley Fly Company, Spirit Lake, Iowa. Fishing tackle. 437,813, Mar. 30; Serial No. 523,135, published Oct. 28, 1947. Class 22.

Bell Garment Co.: *See*—
Secatore, Remo.

Belrug Mill Inc., Greenville, S. C. Tufted cotton rugs. 437,645, Mar. 30; Serial No. 514,172, published Dec. 23, 1947. Class 42.

Bemis Bro. Bag Company: *See*—
Androscoggin Mills.

Bemis Bro. Bag Company, St. Louis, Mo. Fabric bags. 290,810, Jan. 19, 1932. Republished Mar. 30. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Vehicle seat slip covers. 369,489, July 25, 1939. Republished Mar. 30. Class 19.

Bendix Aviation Corporation, South Bend, Ind. Vehicle braking units. 394,268, Mar. 31, 1942. Republished Mar. 30. Class 19.

Benjamin Electric Manufacturing Company, Des Plaines, Ill. Electric lighting fixtures. 391,221, Oct. 28, 1941. Republished Mar. 30. Class 21.

Benjamin Electric Manufacturing Company, Des Plaines, Ill. Electric lighting fixtures. 396,083–6, June 30, 1942. Republished Mar. 30. Class 21.

Bennett, Albert R., doing business as Dubé Parfum Co., Chicago, Ill. Perfumes. 437,572, Mar. 30; Serial No. 505,475, published Dec. 30, 1947. Class 6.

Bennett, Albert R., doing business as Dubé Parfum Co., Chicago, Ill. Perfumes. 437,573–4, Mar. 30; Serial Nos. 505,478–9, published Dec. 30, 1947. Class 6.

Benson & Hedges, New York, N. Y. Smoking tobacco. 437,803, Mar. 30; Serial No. 522,902, published Dec. 30, 1947. Class 17.

Bergen Evening Record Corporation, The, Hackensack, N. J. Newspaper column published periodically. 437,782, Mar. 30; Serial No. 521,850, published Dec. 23, 1947. Class 38.

Berkley Fly Company: *See*—
Bedell, Berkley W.

Birdie-Brush Manufacturing Company, Toledo, Ohio. Ball type brushes, dirt picks and enclosures therefor. 437,624, Mar. 30; Serial No. 511,371, published Dec. 16, 1947. Class 29.

Blanke-Baer Extract & Preserving Company, St. Louis, Mo. Fountain syrups. 393,518, Feb. 17, 1942. Republished Mar. 30. Class 45.

Blind-X-Company, by The Blind-X-Company, Incorporated, Minneapolis, Minn. Cleaner for Venetian blinds and painted and varnished surfaces. 373,112, Nov. 28, 1939. Republished Mar. 30. Class 4.

Blind-X-Company, Incorporated, The: *See*—
Blind-X-Company.

Bond Crown & Cork Company, Wilmington, Del. Composition cork. 437,539, Mar. 30; Serial No. 496,195, published Dec. 16, 1947. Class 1.

Bond Stores, Incorporated, New York, N. Y. Men's hats. 437,768, Mar. 30; Serial No. 520,928, published Jan. 6, 1948. Class 39.

Bond Stores, Incorporated, New York, N. Y. Girls', misses' and women's suits, woven fabric coats, dresses, etc. 437,870, Mar. 30; Serial No. 525,778, published Jan. 6, 1948. Class 39.

Bowser, Inc.: *See*—
Bowser, S. F., & Company.

Bowser, S. F., & Company, Inc., by Bowser, Inc., Fort Wayne, Ind. Oil filtration and circulation apparatus. 109,387, Apr. 4, 1916. Republished Mar. 30. Class 31.

Bowser, S. F., & Company, Inc., by Bowser, Inc., Fort Wayne, Ind. Fluid-measuring pumps and meters. 109,710, Apr. 18, 1916. Republished Mar. 30. Class 26.

Brae-Burn Hat Co., Inc., New York, N. Y. Ladies' hats. 500,022, Mar. 30. Class 39.

Branche, Leo, Syracuse, N. Y. Liquid cough preparation and cold tablets. 437,860, Mar. 30; Serial No. 525,293, published Jan. 6, 1948. Class 6.

Breck, John H., Inc., Springfield, Mass. Shampoo. 437,883, Mar. 30. Class 6.

Breneman, Chas. W., Co., The, Cincinnati, Ohio. Window shades. 437,661, Mar. 30; Serial No. 515,252, published Dec. 30, 1947. Class 32.

Broemmel, George M., doing business as Broemmel's Pharmaceuticals, by Broemmels's Pharmaceuticals, San Francisco, Calif. Preparation in capsule form. 376,881, Apr. 9, 1940. Republished Mar. 30. Class 6.

Broemmel's Pharmaceuticals: *See*—
Broemmel, George M.

Brookside Distilling Products Corporation: *See*—
Bushmill Wine & Products Company, Inc.

Brown & Bigelow, St. Paul, Minn. Etchings, printed etchings, greeting cards, etc. 312,481, May 1, 1934. Republished Mar. 30. Class 38.

Brown Bomber Flour Merchants, assignee: *See*—
McOneal, Macy.

Bryan Full Fashioned Mills, Inc., Chattanooga, Tenn. Hosiery. 402,675, Aug. 10, 1943. Republished Mar. 30. Class 39.

Bulletin Company, Philadelphia, Pa. Newspaper column. 437,738, Mar. 30; Serial No. 519,510, published Dec. 30, 1947. Class 38.

Bunny Knit Sportswear, Brooklyn, N. Y. Men's and women's sportswear. 437,734, Mar. 30; Serial No. 519,315, published Dec. 16, 1947. Class 39.

Burns & Bassick Company, The: *See*—
Burns, Silver & Co.

Burns, Silver & Co., The, now by change of name The Burns & Bassick Company, by The Bassick Company, Bridgeport, Conn. Furniture casters. 74,433, July 13, 1909. Republished Mar. 30. Class 13.

Burroughs Wellcome & Co. (U. S. A.), Inc., New York, N. Y. Preparation containing amino acids and polypeptides, carbohydrates, vitamins, etc. 437,592, Mar. 30; Serial No. 508,139, published July 8, 1947. Class 6.

Bushmill Wine & Products Company, Inc., by Brookside Distilling Products Corporation, Scranton, Pa. Whiskey. 314,614, July 3, 1934. Republished Mar. 30. Class 49.

California Spray-Chemical Corporation, Wilmington, Del., and Richmond, Va. Insecticides. 437,764, Mar. 30; Serial No. 520,683, published Dec. 23, 1947. Class 6.

Campana Corporation, Batavia, Ill. Lotions. 376,828–9, Apr. 9, 1940. Republished Mar. 30. Class 6.

Campana Sales Company, Batavia, Ill. Toilet soaps. 407,494, June 6, 1944. Republished Mar. 30. Class 4.

Campana Sales Company, Batavia, Ill. Colognes and perfumery. 407,495, June 6, 1944. Republished Mar. 30. Class 6.

Campbell Products, Inc., New York, N. Y. Derivative of atropine. 437,737, Mar. 30; Serial No. 519,461, published Dec. 23, 1947. Class 6.

Cardean Knitwear Company, Baltimore, Md. Sweaters, swim suits, sport jackets, etc. 47,753, Mar. 30; Serial No. 520,144, published Jan. 6, 1948. Class 39.

Caron, Claude, doing business as Guermantes, Paris, France. Perfumes, cologne and toilet water. 437,594, Mar. 30; Serial No. 508,408, published Dec. 23, 1947. Class 6.

Caron, Claude, doing business as Guermantes, Paris, France. Perfumes, cologne and toilet water. 437,595, Mar. 30; Serial No. 508,410, published Dec. 30, 1947. Class 6.

Caron, Claude, doing business as Guermantes, Paris, France. Perfumes, cologne and toilet water. 437,596, Mar. 30; Serial No. 508,412, published Dec. 30, 1947. Class 6.

Cascade Woolen Mill, Oakland, Me. Woolen piece goods. 500,013, Mar. 30, 1948. Class 42.

Celanese Corporation of America, New York, N. Y. Textile fabrics. 437,547, Mar. 30; Serial No. 497,646, published Jan. 6, 1948. Class 42.

Chamberlin Company of America, Detroit, Mich. Fireplace screens. 437,641, Mar. 30; Serial No. 514,008, published Dec. 23, 1947. Class 13.

Chamberlin Company of America, Detroit, Mich. Fireplace screens. 437,650, Mar. 30; Serial No. 514,744, published Dec. 23, 1947. Class 13.

Champion Paper and Fibre Company, The, Hamilton, Ohio. Printing paper. 361,278–9, Oct. 11, 1938. Republished Mar. 30. Class 37.

Champion Paper and Fibre Company, The, Hamilton, Ohio. Paper. 363,744, Jan. 3, 1939. Republished Mar. 30. Class 37.

Charles of the Ritz, Inc., New York, N. Y. Toilet soaps. 437,526, Mar. 30; Serial No. 489,441, published Dec. 9, 1947. Class 4.

Charleston Milling Company, Charleston, W. Va. Wheat flour. 349,513, Aug. 31, 1937. Republished Mar. 30. Class 46.

Chaussures Le Trappeur, Sillans (Isere), France. Shoes. 437,740, Mar. 30; Serial No. 519,548, published Dec. 30, 1947. Class 39.

Chemical Process & Engineering Co.: *See*—
Armour, Roy W.

Chemola Manufacturing Company, Houston, Tex. Insecticides. 437,858, Mar. 30; Serial No. 525,195, published Dec. 23, 1947. Class 6.

Chocolate Products Company, Chicago, Ill. Chocolate syrups, extracts, and concentrates. 339,718, Oct. 20, 1936. Republished Mar. 30. Class 45.

Church & Dwight Co. Inc., New York, N. Y. Bicarbonate of soda and baking soda. 437,703, Mar. 30; Serial No. 517,702, published Nov. 25, 1947. Class 4.

Church & Dwight Co. Inc., New York, N. Y. Baking soda and bicarbonate of soda. 437,723, Mar. 30; Serial No. 518,819, published Nov. 25, 1947. Class 4.

Church & Dwight Co. Inc., New York, N. Y. Baking soda and bicarbonate of soda. 437,724–5; Mar. 30; Serial Nos. 518,821–2, published Nov. 25, 1947. Class 4.

Ciba Limited, Basel, Switzerland. Coloring matters and agents. 437,577, Mar. 30; Serial No. 505,808, published Dec. 16, 1947. Class 6.

Ciba Pharmaceutical Products, Inc., Summit, N. J. Preparation indicated for use in allergic conditions. 437,583, Mar. 30; Serial No. 506,984, published Dec. 30, 1947. Class 6.

Clifton Manufacturing Company, Clifton, S. C. Cotton piece goods. 500,015, Mar. 30. Class 42.

Clouse, Allen L., and F. J. Murphy, Moscow, Pa. Vanity dressers, night tables, kitchen stools, etc. 437,878, Mar. 30. Class 32.

Cochran, Jacqueline, New York, N. Y., assignor to Jacqueline Cochran, Inc., Newark, N. J. Bath soaps, and perfumed soaps. 437,772, Mar. 30; Serial No. 521,324, published Dec. 30, 1947. Class 4.

Cochran, Jacqueline, Inc.: *See*—
Cochran, Jacqueline.

Cohn, Bernhard J., doing business as United Art Specialty Co., New York, N. Y. Complexion cream and beautifier egg pack. 437,646, Mar. 30; Serial No. 514,468, published Dec. 30, 1947. Class 6.

Compactom Limited, London, England. Bedroom furniture. 437,525, Mar. 30; Serial No. 489,390, published Jan. 6, 1948. Class 32.

Consolidated Coal Company, The, St. Louis, Mo. Coal. 360,598, Sept. 20, 1938. Republished Mar. 30. Class 1.

Consolidated Cosmetics, Chicago, Ill. Toilet soap and laundry soap. 437,556, Mar. 30; Serial No. 499,316, published Dec. 9, 1947. Class 4.

Consolidated Retail Stores, Inc.: *See*—
Senack Shoe Company.

Cramer Chemical Company, The, Gardner, Kans. Oleoresin pepper and turpentine ointment. 437,692, Mar. 30; Serial No. 516,825, published Dec. 23, 1947. Class 6.

Crespin, J., & M. Laurens-Frings & Cie, doing business as Zofaly, Paris, France. Perfumes and toilet waters. 437,609, Mar. 30; Serial No. 509,401, published Dec. 23, 1947. Class 6.

Crown Jewelry Co., Philadelphia, Pa. Men's precious metal necktie clips, cuff links, and other jewelry. 437,792, Mar. 30; Serial No. 522,531, published Dec. 23, 1947. Class 28.

Crown Willamette Paper Company: *See*—
Crown Zellerbach Corporation.

Crown Zellerbach Corporation, also doing business as Crown Willamette Paper Company, San Francisco, Calif. Tissue paper. 362,592, Nov. 22, 1938. Republished Mar. 30. Class 37.

Crown Zellerbach Corporation, also doing business as Crown Willamette Paper Company, San Francisco, Calif. Wrapping paper. 362,595, Nov. 22, 1938. Republished Mar. 30. Class 37.

Crown Zellerbach Corporation, also doing business as Crown Willamette Paper Company, San Francisco, Calif. Tissue paper. 362,596, Nov. 22, 1938. Republished Mar. 30. Class 37.

Crown Zellerbach Corporation, by Crown Zellerbach Corporation, doing business as Crown Willamette Paper Company, San Francisco, Calif. Wrapping paper. 368,275, June 13, 1939. Republished Mar. 30. Class 37.

Crucible Steel Company of America, New York, N. Y. Steel rods, bars, plates, etc. 437,818, Mar. 30; Serial No. 523,460, published Dec. 23, 1947. Class 14.

Cushing, Caleb H., estate of: *See*—
Cushing, Mary F.

Cushing, Mary F., executrix for the estate of C. H. Cushing, doing business as W. Cushing & Company, assignor to M. F. Cushing, doing business as W. Cushing and Company, Dover-Foxcroft, Maine. Powdered dyestuffs, dry, water soluble derived from coal tar and aniline. 437,578, Mar. 30; Serial No. 506,160, published Dec. 30, 1947. Class 6.

Cushing, W., & Company: *See*—
Cushing, Mary F.

Cushing, W., and Company: *See*—
Cushing, Mary F.

Danco Corporation, New York, N. Y. Tobacco pipes. 431,153, July 8, 1947. Canceled Mar. 3, 1948. O. G. Mar. 30. Class 8.

Dan River Mills Incorporated: *See*—
Riverside & Dan River Cotton Mills, Inc.

Darley Mills Company, Limited, Leeds, England. Cloths and stuffs of wool, worsted or hair. 437,610, Mar. 30; Serial No. 509,402, published Dec. 9, 1947. Class 42.

Daumit, Kay, Inc., Chicago, Ill., assignor to Kay Daumit, Inc., Jersey City, N. J. Shampoo and hair dressing. 437,689, Mar. 30; Serial No. 516,698, published Dec. 30, 1947. Class 6.

Davies-Young Soap Company, The, Dayton, Ohio. Liquid dry cleaner. 374,584, Jan. 16, 1940. Republished Mar. 30. Class 4.

Davies-Young Soap Company, The, Dayton, Ohio. Cleaning compound. 387,038, Apr. 29, 1941. Republished Mar. 30. Class 4.

Davies-Young Soap Company, The, Dayton, Ohio. Liquid shampoo. 387,074, Apr. 29, 1941. Republished Mar. 30. Class 6.

Day's, Mrs., Ideal Baby Shoe Company, Inc., Danvers, Mass. Shoes, slippers, boots and moccasins for children. 437,633, Mar. 30; Serial No. 512,646, published Jan. 6, 1948. Class 39.

De Leacinskis, Leonid, New York, N. Y. Face pack. 437,571, Mar. 30; Serial No. 504,913, published Jan. 6, 1948. Class 6.

Dermetics, Inc., New York, N. Y. Perfume, cologne, and toilet water. 437,548, Mar. 30; Serial No. 497,706, published Mar. 18, 1947. Class 6.

Desco Shoe Corporation, Long Island City and New York, N. Y. Men's and boys' shoes and slippers. 437,530, Mar. 30; Serial No. 493,050, published Jan. 6, 1948. Class 39.

Detroit Gasket & Manufacturing Company, Detroit, Mich. Gaskets for internal combustion engines and associated parts. 437,810–11, Mar. 30; Serial Nos. 523,033–4, published Jan. 6, 1948. Class 35.

Detroit-Star Grinding Wheel Company, Detroit, Mich. Grinding and/or abrasive cutting wheel. 437,769, Mar. 30; Serial No. 521,118, published Dec. 30, 1947. Class 4.

Die Castings Company, Chicago, Ill. Die castings of nonferrous metal. 437,653, Mar. 30; Serial No. 514,890, published Dec. 23, 1947. Class 14.

Dippy Bug Co., San Jose, Calif. Costume jewelry. 437,700, Mar. 30; Serial No. 517,240, published Jan. 6, 1948. Class 28.

Disposable Bottle Corporation, Washington, D. C. Nursing units and parts thereof. 437,533, Mar. 30; Serial No. 493,668, published Dec. 23, 1947. Class 44.

Dolph, William B., Washington, D. C. Printed copies of radio broadcast. 437,604, Mar. 30; Serial No. 508,897, published Dec. 23, 1947. Class 38.

Dominican Recording Co., Ciudad Trujillo, Dominican Republic. Mechanically grooved sound reproducing records. 437,788, Mar. 30. Serial No. 522,062, published Jan. 6, 1948. Class 36.

Dow Chemical Company, The, Midland, Mich., now by merger The Dow Chemical Company. Griddles made of magnesium. 437,561, Mar. 30; Serial No. 500,463, published Dec. 23, 1947. Class 13.

Dubé Parfum Co.: *See*—
Bennett, Albert R.

Du Pont, E. I., de Nemours & Company, Wilmington, Del., by Mallinckrodt Chemical Works, St. Louis, Mo. Collodion. 129,685, Mar. 9, 1920. Republished Mar. 30. Class 6.

Du Pont, E. I., de Nemours and Company, Wilmington, Del. Zinc anodes. 437,831, Mar. 30; Serial No. 524,057, published Nov. 25, 1947. Class 14.

Duroflex Corporation, New York, N. Y. Flexible metallic watch chains and bands. 437,669, Mar. 30; Serial No. 515,615, published Jan. 6, 1948. Class 28.

Dynamatic Corporation, Kenosha, Wis. Electric, variable-speed power transmissions. 316,735, Sept. 4, 1934. Republished Mar. 30. Class 23.

Eastern Malleable Iron Company, The, Naugatuck, Conn. Rough and semi-finished malleable iron castings. 437,701, Mar. 30; Serial No. 517,244, published Dec. 23, 1947. Class 14.

Eastern Metal Products Co., Tuckahoe, N. Y. Cooking utensils. 437,662, Mar. 30; Serial No. 515,262, published Dec. 23, 1947. Class 13.

Eddy-Form, Inc., New York, N. Y. Foundation garments. 437,623, Mar. 30; Serial No. 511,267, published Jan. 6, 1948. Class 39.

Edmiston, Marion W., doing business as The Tophand Tie Co., Port Arthur, Tex. Neckties and mittens. 437,750, Mar. 30; Serial No. 519,932, published Dec. 16, 1947. Class 39.

Eisminger, M. M., doing business as Nivram Manufacturing Co., Kansas City, Mo. Cleaning compound. 437,812, Mar. 30; Serial No. 523,084, published Dec. 30, 1947. Class 4.

Eldredge, Jack, Cleveland, Ohio. Foot massage rollers and exercisers and arch supports. 437,704, Mar. 30; Serial No. 517,891, published Jan. 6, 1948. Class 44.

Eldridge, R. W., Co., Inc., Charlotte, N. C. Handkerchiefs, scarfs, and bathing suits. 437,756, Mar. 30; Serial No. 520,269, published Jan. 6, 1948. Class 39.

Electric Railway Improvement Company, The, Cleveland, Ohio. Connectors and bonds for electrically connecting railway rails. 375,109, Feb. 6, 1940. Republished Mar. 30. Class 21.

Elle, Paul, doing business as Western Chemical Co., Chicago, Ill. Liniment. 437,757, Mar. 30; Serial No. 520,270, published Dec. 30, 1947. Class 6.

Emerson Radio and Phonograph Corporation, New York, N. Y. Phonographs and radio-phonograph combinations. 393,793, Mar. 3, 1942. Republished Mar. 30. Class 36.

Empire Statesman, Inc., New York, N. Y. Monthly publication. 437,672, Mar. 30; Serial No. 515,703, published Jan. 6, 1948. Class 38.

Enginaire, Inc., Providence, R. I. Heating, ventilating and air conditioning apparatus. 437,575, Mar. 30; Serial No. 505,488, published Dec. 16 ,1947. Class 34.

Erie Resistor Corporation, Erie, Pa. Moldings of plastic composition material. 341,380, Dec. 8, 1936. Republished Mar. 30. Class 1.

Essex Coal Company, by Essex Coal Sales Company, Columbus, Ohio. Coal. 241,448, May 1, 1928. Republished Mar. 30. Class 1.

Essex Coal Sales Company: *See*—
Essex Coal Company, The.

Etablissements Rigaud, Inc., New York, N. Y. Perfumes and toilet waters. 437,663, Mar. 30; Serial No. 515,301, published Dec. 30, 1947. Class 6.

Etablissements Uti, Paris, France. Brooches, ornamental clips, earrings, etc. 437,629, Mar. 30; Serial No. 512,058, published Dec. 23, 1947. Class 28.

Extacee, Inc., Reading, Pa. Women's apparel. 437,613, Mar. 30; Serial No. 509,980, published Dec. 16, 1947. Class 39.

Eye-Ful Lingerie Inc., New York, N. Y. Ladies' undergarments. 437,755, Mar. 30; Serial No. 520,206, published Jan. 6, 1948. Class 39.

Fabrics-Lace, Inc., New York, N. Y. Unit assemblies consisting of a length of piece goods, trimming materials, and a pattern. 500,021, Mar. 30. Class 42.

Fastener Corporation, Chicago, Ill. Hand operated tools for stapling paper and similar materials. 402,567, Aug. 3, 1943. Republished Mar. 30. Class 37.

Faultless Rubber Company, The, Ashland, Ohio. Baby hot water bottles, breast pumps, bulb syringes, etc. 437,877, Mar. 30. Class 44.

Faultless Rubber Company, The, Ashland, Ohio. Sponge rubber, rubber sponge, and rubber sponges. 437,885, Mar. 30. Class 1.

Faultless Rubber Company, The, Ashland, Ohio. Baseballs, croquet balls, croquet mallet tips, etc. 437,886, Mar. 30. Class 22.

Fawcett Publications, Inc., Robbinsdale, Minn., to Fawcett Publications, Inc., Greenwich, Conn. Monthly publication. 237,451, renewed Jan. 10, 1948. O. G. Mar. 30. Class 38.

Felmore Company, Inc., Providence, R. I. Sterling silver cigarette cases, and gold, gold filled, and sterling silver fingernail file and comb sets. 437,722, Mar. 30; Serial No. 518,757, published Jan. 6, 1948. Class 28.

Feraud & Orr, Ventura, Calif. Girdle. 437,783, Mar. 30; Serial No. 521,868, published Dec. 30, 1947. Class 39.

Findley, F. G., Co., The, Milwaukee, Wis. Adhesive cement. 397,247, Aug. 25, 1942. Republished Mar. 30. Class 5.

Fine, M. H., Company: *See*—
Fine, Milton H.

Fine, Milton H., doing business as M. H. Fine Company, Boston, Mass. Ladies' maternity wearing apparel. 437,711, Mar. 30; Serial No. 518,214, published Dec. 23, 1947. Class 39.

Fisher, Frederick D., Elmhurst, N. Y. Photographic developers and print straightening solutions. 437,603, Mar. 30; Serial No. 508,841, published Dec. 30, 1947. Class 6.

Fison Paint Products Company: *See*—
Siegel, F. L., & Son.

Fleming-Hall Tobacco Co., Inc., New York, N. Y. Humidors. 437,606, Mar. 30; Serial No. 509,145, published Dec. 30, 1947. Class 8.

Fletcher, Sidney, & Co., Inc., New York, N. Y., now by change of name Paula Lee Frocks, Inc. Children's dresses. 437,876, Mar. 30. Class 39.

Float-In-Ez Company, assignee: *See*—
Overby, Stanley.

Flocos & Xidis Company, Pittsburgh, Pa. Shoe polish. 437,680–1, Mar. 30; Serial Nos. 516,266–7, published Dec. 9, 1947. Class 4.

Floratose Laboratory: *See*—
Ocey-Crystine Corporation, The.

Folly Cove Designers, Gloucester and Annisquam, Mass. Picture prints, Christmas cards and calendars. 437,683, Mar. 30; Serial No. 516,405, published Jan. 6, 1948. Class 38.

Fouke Fur Company, St. Louis, Mo. Furs, skins, hides, and pelts. 321,309, Jan. 29, 1935. Republished Mar. 30. Class 1.

Fouke Fur Company, St. Louis, Mo. Fur skins, hides, and pelts. 358,152, June 28, 1938. Republished Mar. 30. Class 1.

France Neckwear Co., Inc., New York, N. Y. Neckties. 437,712, Mar. 30; Serial No. 518,215, published Dec. 23, 1947. Class 39.

Frankford Umbrella Manufacturing Company, The, Philadelphia, Pa. Collapsible pocket umbrellas. 500,020, Mar. 30. Class 41.

Freeman Manufacturing Company, Sturgis, Mich. Ladies' girdles, and pantie girdles. 437,535, Mar. 30; Serial No. 494,496, published Jan. 6, 1948. Class 39.

Frelon, Renée, Inc., Chicago, Ill. Night creme, hand creme, and cleansing creme. 437,861, Mar. 30; Serial No. 525,311, published Dec. 23, 1947. Class 6.

French, R. T., Company, The, Rochester, N. Y. Laundry blue. 437,728, Mar. 30; Serial No. 519,011, published Dec. 30, 1947. Class 6.

Fuller, D. B., & Co., Inc., New York, N. Y. Textile fabrics in the piece. 437,794, Mar. 30; Serial No. 522,556, published Dec. 30, 1947. Class 42.

Furmoto Chemical Company: *See*—
Thornfield, Charles.

Garay & Co., Inc., New York, N. Y. Apparel belts. 437,770, Mar. 30; Serial No. 521,186, published Dec. 30, 1947. Class 39.

Garrett, George K., Company, Inc., Philadelphia, Pa. Lock washers. 397,212, Aug. 25, 1942. Republished Mar. 30. Class 13.

Gates Rubber Company, The, Denver, Colo. Rubber hose. 376,162, Mar. 12, 1940. Republished Mar. 30. Class 35.

Gates Rubber Company, The, Denver, Colo. Power transmission belts. 406,227, Mar. 14, 1944. Republished Mar. 30. Class 35.

Gates Rubber Company, The, Denver, Colo. Power transmission belts. 407,321, May 30, 1944. Republished Mar. 30. Class 35.

Geigy Company, Inc., New York, N. Y. Analeptic. 437,796, Mar. 30; Serial No. 522,626, published Dec. 16, 1947. Class 6.

Gelbert, Larry E., New York, N. Y. Men's and boys' dress shirts, pajamas, shorts, etc. 437,821, Mar. 30; Serial No. 523,578, published Dec. 16, 1947. Class 39.

General Aniline & Film Corporation: *See*—
Agfa Ansco Corporation.

General Aniline & Film Corporation, New York, N. Y. Light-sensitive diazotype paper, cloths, film, machines. 393,828, Mar. 3, 1942. Republished Mar. 30. Class 26.

General Aniline & Film Corporation, New York, N. Y. Chemicals and preparations and compounds thereof. 394,119–20, Mar. 17, 1942. Republished Mar. 30. Class 6.

General Aniline & Film Corporation, New York, N. Y. Chemicals and preparations and compounds thereof. 395,983, June 23, 1942. Republished Mar. 30. Class 6.

General Fireproofing Co., The, Youngstown, Ohio. Card filing cabinets. 361,895, Nov. 1, 1938. Republished Mar. 30. Class 32.

General Fireproofing Co., The, Youngstown, Ohio, by Acme Visible Records, Inc., Chicago, Ill. Filing cabinets. 362,437, Nov. 15, 1938. Republished Mar. 30. Class 32.

General Fireproofing Co., The, Youngstown, Ohio. Metal filing cabinets. 366,936, May 2, 1930. Republished Mar. 30. Class 32.

General Tire & Rubber Company, The, Akron, Ohio. Pneumatic tires. 362,113, Nov. 15, 1938. Republished Mar. 30. Class 35.

General Tire & Rubber Company, The, Akron, Ohio. Pneumatic tires. 373,236, Nov. 28, 1939. Republished Mar. 30. Class 35.

General Tire & Rubber Company, The, Akron, Ohio. Pneumatic tires. 391,119, Oct. 21, 1941. Republished Mar. 30. Class 35.

Genuine Parts Company, Atlanta, Ga. Publications. 437,859, Mar. 30; Serial No. 525,211, published Dec. 23, 1947. Class 38.

Germain Seed and Plant Company, Los Angeles, Calif. Flower seeds. 363,406, Dec. 27, 1938. Republished Mar. 30. Class 1.

Germain Seed and Plant Co., Los Angeles, Calif. Cauliflower seeds. 437,524, Mar. 30; Serial No. 489,215, published Dec. 16, 1947. Class 1.

Gilleraft Furniture Co., Los Angeles, Calif. Wood living room furniture. 437,569, Mar. 30; Serial No. 504,043, published Dec. 30, 1947. Class 32.

Ginsberg, Isaac, & Bros. Inc., New York, N. Y. Women's dresses. 500,016, Mar. 30. Class 39.

Glendinning, McLeish & Co. Inc., New York, N. Y. Handkerchiefs. 437,744, Mar. 30; Serial No. 519,643, published Dec. 16, 1947. Class 39.

Glendinning, McLeish & Co. Inc., New York, N. Y. Handkerchiefs. 437,747, Mar. 30; Serial No. 519,811, published Dec. 16, 1947. Class 39.

Gold Star Mattress, Inc., Providence, R. I. Mattresses and box springs and studio couches. 437,642, Mar. 30; Serial No. 514,110, published Dec. 30, 1947. Class 32.

Good Workers, Detroit, Mich. Religious periodical. 437,566, Mar. 30; Serial No. 501,504, published Dec. 30, 1947. Class 38.

Goodall Rubber Company, Inc., Trenton, N. J. Sheet packing, industrial belting and hose. 437,825, Mar. 30; Serial No. 523,662, published Jan. 6, 1948. Class 35.

Goodkin, Albert R., doing business as All-Brite Chemical Co., Waterbury, Conn. Salts for electrochemical treatment of aluminum in an anodizing bath. 437,590, Mar. 30; Serial No. 507,900, published Jan. 6, 1948. Class 6.

Gotham Ink & Color Co.: *See*—
Kantor, Samuel T.

Gourielli, Inc., New York, N. Y. Lipstick. 437,745, Mar. 30; Serial No. 519,644, published Dec. 9, 1947. Class 6.

Graff, George B., Company, Cambridge, Mass. File signals. 379,134, July 2, 1940. Republished Mar. 30. Class 37.

Grais, Rubin, & Sons, Chicago, Ill. Infants' and children's leather jackets. 437,567, Mar. 30; Serial No. 502,574, published Jan. 6, 1948. Class 39.

Gray, Ela: *See*—
Mergenthaler, Ela G.

Green, Theron R., Pine Bluff, Ark. Photograph folders. 437,881, Mar. 30. Class 37.

Greene, Harry G., Chicago, Ill. Holder for intra-oral dental X-ray film. 437,715, Mar. 30; Serial No. 518,353, published Dec. 23, 1947. Class 44.

Greenfield Tap and Die Corporation, Greenfield, Mass. Instruments and apparatus for measuring the sizes and surface characteristics of articles. 405,334, Jan. 25, 1944. Republished Mar. 30. Class 26.

Grenoville, Societe Anonyme, Asnieres, Seine, France. Perfumes, toilet waters, cologne. 437,678, Mar. 30; Serial No. 516,129, published Dec. 30, 1947. Class 6.

Griess-Pfleger Tanning Co., The, Waukegan, Ill. Leather. 437,802, Mar. 30; Serial No. 522,850, published Dec. 16, 1947. Class 1.

Guermantes: *See*—
Caron, Claude.

Gum Manufacturing Corp., Brooklyn, N. Y. Textile printing thickening gums and textile finishing products. 437,635, Mar. 30; Serial No. 513,412, published Dec. 16, 1947. Class 6.

Guth, Edwin F., Company, The, St. Louis, Mo. Electric lighting fixtures. 373,212, Nov. 28, 1939. Republished Mar. 30. Class 21.

H & H Drug Products Co.: *See*—
Houser, William H.

Hall, Gardiner, Jr., Company, The, South Willington, Conn., and New York, N. Y. Thread. 229,561, renewed June 28, 1947. O. G. Mar. 30. Class 43.

Hammond Moccasins, Inc., Bangor, Maine. Leather moccasins for men and children. 437,586, Mar. 30; Serial No. 507,394, published Dec. 23, 1947. Class 39.

Hanford Doll Products, Bridgeport, Conn. Dolls 437,568, Mar. 30; Serial No. 503,652, published Oct. 28, 1947. Class 22.

Hank's Mfg. Co., Chicago, Ill. Fishing fly clips, artificial bait and spinners. 437,760, Mar. 30; Serial No. 520,390, published Oct. 28, 1947. Class 22.

Hart, Frank A., New York, N. Y. Insecticide preparations. 437,591, Mar. 30; Serial No. 508,113, published Dec. 30, 1947. Class 6.

Hartmann Company: *See*—
Hartmann Trunk Company.

Hartmann Trunk Company, by Hartmann Company, Racine, Wis. Suitcases, trunks, hat boxes, and wardrobe hand luggage. 362,342, Nov. 15, 1938. Republished Mar. 30. Class 3.

Hartshorn, Stewart, Company, New York, N. Y. Window shade rollers and window shade rollers with shades mounted thereon. 437,834, Mar. 30; Serial No. 524,088, published Dec. 23, 1947. Class 32.

Hays Manufacturing Company, Erie, Pa. Stop valves and combination stop and drain valves. 437,607, Mar. 30; Serial No. 509,275, published Dec. 23, 1947. Class 13.

Heald Machine Company, The, Worcester, Mass. Tool heads of machines. 364,194, Jan. 24, 1939. Republished Mar. 30. Class 23.

Hearst Corporation, The, New York, N. Y. Section, feature or department published daily. 437,726, Mar. 30; Serial No. 518,834, published Dec. 30, 1947. Class 38.

Hecht Bros., The: *See*—
Hecht Co., The.

Hecht Co., The, Washington, D. C., also doing business as Hecht Bros., Baltimore, Md., and New York, N. Y., and The Hub, Baltimore, Md. Living room furniture. 437,819, Mar. 30; Serial No. 523,466, published Jan. 6, 1948. Class 32.

Hedenkamp, Richard L., doing business as Windsor Products Company, Kirkwood and St. Louis, Mo. Dispensers. 437,786, Mar. 30; Serial No. 522,003, published Dec. 23, 1947. Class 44.

Hego Fabrics, Inc., New York, N. Y. Men's and boys' outershirts, outer shorts, and under shorts, etc. 437,765, Mar. 30; Serial No. 520,806, published Dec. 30, 1947. Class 39.

Heller, R. C., Co. Inc., Baltimore, Md. Pillows, mattresses and box springs. 437,852, Mar. 30; Serial No. 524,987, published Dec. 23, 1947. Class 32.

Hercules Powder Company, Wilmington, Del. Rosin size for sizing of paper. 399,238, Dec. 22, 1942. Canceled Mar. 8, 1948. O. G. Mar. 30. Class 6.

Hercules Powder Company, Wilmington, Del. Smokeless powder. 437,599, Mar. 30; Serial No. 508,655, published Nov. 18, 1947. Class 9.

Hicks, Frank H., doing, business as The Mothimune Co., Los Angeles, Calif. Liquid used for preventing moth damage. 437,587, Mar. 30; Serial No. 507,528, published June 10, 1947. Class 6.

Himmell, Samuel S., New York, N. Y. Newspaper section or column. 437,705, Mar. 30; Serial No. 517,909, published Dec. 23, 1947. Class 38.

Hinteman, Harry M., Brooklyn, N. Y. Baby feeding device. 437,735, Mar. 30; Serial No. 519,328, published Dec. 30, 1947. Class 44.

Hodges, Bartley S., Jr., Washington, D. C. Periodical newspaper article. 437,688, Mar. 30; Serial No. 516,693, published Dec. 23, 1947. Class 38.

Hodgman Rubber Company, Framingham, Mass. Pneumatic mattresses. 437,835–7, Mar. 30; Serial Nos. 524,131–3, published Dec. 9, 1947. Class 32.

Hollywood Doll Manufacturing Company: *See*—
Ippolito, Domenick.

Hospital Liquids, Inc., Chicago, Ill. Estrogenic substance. 376,831, Apr. 9, 1940. Republished Mar. 30. Class 6.

Hospital Liquids, Inc., Chicago, Ill. Blood transfusion sets. 379,042, June 25, 1940. Republished Mar. 30. Class 44.

Hotchkiss Fruit Exchange, Hotchkiss, Colo. Fresh deciduous fruits. 437,872, Mar. 30; Serial No. 526,230, published Dec. 9, 1947. Class 46.

Houser, William H., doing business as H & H Drug Products Co., Cherryville, N. C. Liquid preparation. 437,551, Mar. 30; Serial No. 498,898, published Dec. 23, 1947. Class 6.

Hub, The: *See*—
Hecht Co., The.

Hughes Brushes, Inc., New York, N. Y., now by change of name Tek Hughes, Inc. Hair brushes. 437,581, Mar. 30; Serial No. 506,664, published Dec. 23, 1947. Class 29.

Hughes, Tek, Inc.: *See*—
Hughes Brushes, Inc.

Hungarian Rubber Goods Factory Limited, Budapest, Hungary. Soles and heels. 437,742, Mar. 30; Serial No. 519,583, published Dec. 30, 1947. Class 39.

Hunt Brothers Packing Company, San Francisco, Calif., now by change of name Hunt Foods, Inc. Canned fruits, canned fruit juices, canned fish, etc. 437,875, Mar. 30. Class 46.

Hunt Foods, Inc.: *See*—
Hunt Brothers Packing Company.

Huntting, H. R., Company, The, Springfield, Mass. Books and pamphlets. 437,853, Mar. 30; Serial No. 525,083, published Dec. 23, 1947. Class 38.

I. B. C. Root Beer Company, St. Louis, Mo. Non-intoxicating, non-alcoholic, non-cereal, maltless beverages. 392,962, Jan. 20, 1942. Republished Mar. 30, Class 45.

Illinois Agricultural Association, Chicago, Ill. Fertilizers and legume type seed inoculants. 437,598, Mar. 30; Serial No. 508,524, published Dec. 30, 1947. Class 10.

Imön, Jaye, Inc., Buffalo, N. Y. Brassières. 437,815, Mar. 30; Serial No. 523,201, published Dec. 23, 1947. Class 39.

Imperial Record Co., Los Angeles, Calif. Mechanically grooved phonograph records of the disc type. 437,695, Mar. 30; Serial No. 516,895, published Jan. 6, 1948. Class 36.

Interchemical Corporation, New York, N. Y. Degreasers, and detergent-type polishes. 437,549, Mar. 30; Serial No. 498,010, published Dec. 23, 1947. Class 4.

Inter-Hamol S. A., Zurich, Switzerland. Toilet preparations. 437,626, Mar. 30; Serial No. 511,559, published Dec. 16, 1947. Class 6.

International Harvester Company, Chicago, Ill. Power lift mechanism. 375,737, Feb. 27, 1940. Republished Mar. 30. Class 23.

International Harvester Company, Chicago, Ill. Tractors and attachments and parts thereof. 404,814, Dec. 21, 1943. Republished Mar. 30. Class 23.

International Paint Company, Inc., New York, N. Y. Chemical preserving compound. 437,620, Mar. 30; Serial No. 511,224, published Dec. 23, 1947. Class 6.

Ippolito, Domenick, doing business as Hollywood Doll Manufacturing Company, Glendale, Calif. Dolls and dolls' clothes. 437,570, Mar. 30; Serial No. 504,835, published Oct. 28, 1947. Class 22.

J. B. Chemical Products: *See*—
Jonay Products Inc.

Jacobs & Jacobs, New York, N. Y. Frocks. 293,543, Apr. 26, 1932. Canceled Mar. 3, 1948. O. G. Mar. 30. Class 39.

Jacobson, F., & Sons, Inc., New York, N. Y. Men's shirts. 437,816, Mar. 30; Serial No. 523,226, published Dec. 23, 1947. Class 39.

Jacqmar Limited, London, England. Piece goods. 437,679, Mar. 30; Serial No. 516,133, published Jan. 6, 1948. Class 42.

Janshaw Fabrics Inc., New York, N. Y. Textile fabrics. 437,627, Mar. 30; Serial No. 511,682, published Jan. 13, 1948. Class 42.

Jenkins, George O., Company, Bridgewater, Mass. Leatherboard and fiberboard. 404,242, Nov. 16, 1943. Republished Mar. 30, 1948. Class 37.

John's: *See*—
Masek, John.

Johnson & Johnson, New Brunswick, N. J. Surgical dressings, surgical sponges, and surgical packs. 437,676, Mar. 30; Serial No. 515,764, published Dec. 23, 1947. Class 44.

Jonay Products Inc., doing business as J. B. Chemical Products, Boston, Mass. Pet shampoo. 437,739, Mar. 30; Serial No. 519,525, published Jan. 6, 1948. Class 6.

Julian & Kokenge Co., The, Columbus, Ohio. Shoes. 437,729, Mar. 30; Serial No. 519,019, published Dec. 30, 1947. Class 39.

Junglewood, Inc., Mt. Morrison, Colo. Flower seeds. 437,540, Mar. 30; Serial No. 496,386, published Dec. 16, 1947. Class 1.

Jupiter Record Corp., New York, N. Y. Phonograph records of the mechanically grooved type. 437,777, Mar. 30; Serial No. 521,578, published Jan. 6, 1948. Class 36.

Kanstone Company: *See*—
Stevenson, J. M.

Kantor, Samuel T., doing business as Gotham Ink & Color Co., Long Island City, N. Y. Rotogravure inks; coatings and varnishes, etc. 437,754, Mar. 30; Serial No. 520,170, published Dec. 2, 1947. Class 11.

Kayser, Julius, & Co., New York, N. Y. Women's hosiery. 437,516, Mar. 30; Serial No. 476,436, published Feb. 26, 1946. Class 39.

Kayser, Julius, & Co., New York, N. Y. Hosiery. 437,529, Mar. 30; Serial No. 492,712, published Jan. 6, 1948. Class 39.

Keasbey & Mattison Company, Ambler, Pa. Fire-resistant building boards, insulating and sound deadening boards, composition boards. 380,647, Aug. 27, 1940. Republished Mar. 30. Class 12.

Kee Lox Manufacturing Company, Rochester, N. Y. Carbon papers and typewriter ribbons. 388,212, June 17, 1941. Republished Mar. 30. Class 11.

Keenexir Laboratories: *See*—
Michelotti, Emilio.

Kela Products Co., Binghamton, N. Y. Brushless shaving cream. 437,693, Mar. 30; Serial No. 516,854, published Dec. 16, 1947. Class 4.

Kerr, Robert F., San Anselmo, Calif. Music printed on sheets and in books. 437,636, Mar. 30; Serial No. 513,430, published Dec. 23, 1947. Class 38.

Keystone Mushroom Company, Coatesville, Pa. Canned mushrooms. 437,643, Mar. 30; Serial No. 514,119, published Dec. 23, 1947. Class 46.

Kib-Itz Toy Manufacturing Company, Pittsburgh, Pa. Manually-operable mechanical toy animals and figures. 437,560, Mar. 30; Serial No. 500,300, published Oct. 28, 1947. Class 22.

Kimberlin, C. M., Spokane, Wash., assignor to Red Ball Manufacturing Company, Spokane, Wash. Heaters. 437,537, Mar. 30; Serial No. 495,609, published Dec. 16, 1947. Class 34.

Kimberly-Clark Corporation, Neenah, Wis. Book and printing papers. 364,851, Feb. 14, 1939. Republished Mar. 30. Class 37.

Kleinert, I. B., Rubber Company, Inc., New York, N. Y. Shower curtains. 437,673, Mar. 30; Serial No. 515,716, published Dec. 23, 1947. Class 13.

Knomark Manufacturing Co., Brooklyn, N. Y. Dressing, cleaner and polish for shoes, boots, leather goods, etc. 437,766, Mar. 30; Serial No. 520,880, published Dec. 30, 1947. Class 4.

Kroger Co., The, Cincinnati, Ohio. Canned fruits and vegetables. 437,648, Mar. 30; Serial No. 514,657, published Dec. 16, 1947. Class 46.

Landrum, John, San Francisco, Calif. Venetian blinds. 437,882, Mar. 30. Class 32.

Lanteen Medical Laboratories, Inc., Chicago, Ill. Vitamin tablets. 437,625, Mar. 30; Serial No. 511,481, published Jan. 6, 1948. Class 6.

Laurel Intimates, Inc., New York, N. Y. Women's, misses', and girls underwear, foundation garments, nightgowns, etc. 437,520, Mar. 30; Serial No. 486,000, published May 27, 1947. Class 39.

Lawless, Avo S., Fort Smith, Ark. Weekly newspaper. 437,879, Mar. 30. Class 38.

Lee, Paula, Frocks, Inc.: *See*—
Fletcher, Sidney, & Co., Inc.

Lehn & Fink Products Corporation, Bloomfield, N. J. Lipsticks. 437,519, Mar. 30; Serial No. 484,960, published Dec. 23, 1947. Class 6.

Les Laboratoires Dausse, Société Anonyme, Paris, France. Anti-asthmatic preparation. 437,830, Mar. 30; Serial No. 523,969, published Jan. 6, 1948. Class 6.

Les Laboratoires de la Jeunesse, S. A. R. L., Paris, France. Perfumes, toilet waters, and colognes, etc. 437,562, Mar. 30; Serial No. 500,673, published Dec. 23, 1947. Class 6.

Les Parfums de Dana, Inc., New York, N. Y. Toilet preparations, perfumery, and cosmetics. 437,778, Mar. 30; Serial No. 521,583, published Dec. 9, 1947. Class 6.

Les Parfums de Dana, Inc., New York, N. Y. Toilet soaps. 437,614, Mar. 30; Serial No. 523,197, published Dec. 9, 1947. Class 4.

Lewis, Richard W., doing business as Stainless Ware Company of America, Detroit, Mich. Kitchen utensils and containers. 437,517, Mar. 30; Serial No. 478,398, published Jan. 6, 1948. Class 13.

Lilly, Eli, and Company, Indianapolis, Ind. Liquid preparation. 224,406, renewed Jan. 5, 1948. O. G. Mar. 30. Class 6.

Lilly, Eli, and Company, Indianapolis, Ind. Medicinal preparation. 437,779, Mar. 30; Serial No. 521,585, published Dec. 30, 1947. Class 6.

Lincoln Engineering Company, St. Louis, Mo. Portable lubricant dispensing apparatus. 305,343, Aug. 15, 1933. Republished Mar. 30. Class 23.

Lincoln Engineering Company, St. Louis, Mo. Lubricant fittings. 335,215, May 26, 1936. Republished Mar. 30. Class 23.

Linkman, M., & Company, Chicago, Ill. Smoking pipes. 378,326, June 4, 1940. Republished Mar. 30. Class 8.

Liquid Conditioning Corporation, New York, N. Y. Chemicals. 437,639, Mar. 30; Serial No. 513,828, published Dec. 16, 1947. Class 6.

London, Bessie, Baltimore, Md. Body massaging apparatus. 437,682, Mar. 30; Serial No. 516,363, published Jan. 6, 1948. Class 44.

Lorriaux, Robert J. P., Paris, France. Perfumes, toilet waters, rouge, etc. 437,544, Mar. 30; Serial No. 497,257, published Jan. 6, 1948. Class 6.

Lyk-Nu Company: *See*—
Banks, Al A.

M. F. C. Development Corporation, New York, N. Y. Pharmaceutical preparations. 437,686, Mar. 30; Serial No. 516,623, published Dec. 30, 1947. Class 6.

Mackintosh, John, & Sons, Ltd., Inc., Boston, Mass. Candy. 379,779, July 23, 1940. Republished Mar. 30. Class 46.

Magnolia Metal Company, Elizabeth, N. J. Machinery bearings and bushings therefor. 378,303, June 4, 1940. Republished Mar. 30. Class 23.

Mag-So-Lax Company: *See*—
Barnes, T. Roy.

Maico Company, Incorporated, The: *See*—
Watson, Leland A.

Mallinckrodt Chemical Works: *See*—
E. I. du Pont de Nemours & Company.

Mallinckrodt Chemical Works, St. Louis, Mo. Sodium ortho-iodohippurate. 314,577, July 3, 1934. Republished Mar. 30. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Sodium hyposulphite. 326,011, July 9, 1935. Republished Mar. 30. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Cuprous oxide. 326,549, July 23, 1935. Republished Mar. 30. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Iodine-adding supplement. 357,787, June 14, 1938. Republished Mar. 30. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Mixture, which is applied to grass. 357,788, June 14, 1938. Republished Mar. 30. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Hydrogen peroxide. 357,789, June 14, 1938. Republished Mar. 30. Class 6.

Maltine Company, The, New York, N. Y. Product influencing capillary fragility. 437,664, Mar. 30; Serial No. 515,318, published Jan. 6, 1948. Class 6.

Manufacturers and Importers of French Perfumes Inc., New York, N. Y. Perfumes and toilet waters. 435,105, Dec. 9, 1947. Corrected. O. G. Mar. 30. Class 6.

Marlee Sales Co.: *See*—
Marshall, David H.

Marshall, David H., doing business as Marlee Sales Co., New York, N. Y. Hair brushes, and eyebrow and eyelash brushes. 437,841, Mar. 30; Serial No. 524,338, published Dec. 28, 1947. Class 29.

Marshall Field & Company, Chicago, Ill. Sheets and pillowcases. 366,894, May 2, 1939. Republished Mar. 30. Class 42.

Marshall Field & Company, Chicago, Ill. Women's outer apparel. 377,082, Apr. 16, 1940. Republished Mar. 30. Class 39.

Marshall Field & Company, Chicago, Ill. Lace curtains. 393,190, Jan. 27, 1942. Republished Mar. 30. Class 42.

Marshall Field & Company, Chicago, Ill. Women's hats. 393,684, Feb. 24, 1942. Republished Mar. 30. Class 39.

Marshall Field & Company, Chicago, Ill. Living room, bed room and dining room furniture. 393,986, Mar. 10, 1942. Republished Mar. 30. Class 32.

Martens, R. C., doing business as Oakydoke Manufacturing Company, Nevada City, Calif. Ointment for poison oak and poison ivy. 437,614, Mar. 30; Serial No. 509,993, published Jan. 6, 1948. Class 6.

Marvella Products Company: *See*—
Walker, Allen C.

Marx & Newman Company, Inc., New York, N. Y. Women's shoes. 437,670, Mar. 30; Serial No. 515,666, published Jan. 6, 1948. Class 39.

Masek, John, doing business as John's, Apopka, Fla. Natural ferns. 437,550, Mar. 30; Serial No. 498,068, published Dec. 9, 1947. Class 1.

Masland, C. H., & Sons, Carlisle, Pa. Sportswear. 437,771, Mar. 30; Serial No. 521,199, published Jan. 6, 1948. Class 39.

Matthews, W. N., Corporation, St. Louis, Mo. Electrical discharge apparatus. 386,064, Mar. 25, 1941. Republished Mar. 30. Class 21.

McCann, Judith, doing business as Wingback Company, New York, N. Y. Earrings. 437,522, Mar. 30; Serial No. 487,426, published Dec. 23, 1947. Class 28.

McGraw-Hill Publishing Co., Inc., New York, N. Y. Bulletin relating to industrial markets, products and services. 437,832, Mar. 30; Serial No. 524,070, published Dec. 23, 1947. Class 38.

McOneal, Macy, doing business as Brown Bomber Flour Merchants, Cleveland, Ohio, assignor to Standard Milling Company, New York, N. Y., by Standard Milling Company, Chicago, Ill. Wheat flour. 405,666, Feb. 15, 1944. Republished Mar. 30. Class 46.

Medical Acoustic Instrument Co.: *See*—
Watson, Leland A.

Mendelsohn, Milton M., Chicago, Ill. Cameras, photographic lenses, etc. 419,570, Feb. 19, 1946. Canceled Mar. 3, 1948. O. G. Mar. 30. Class 26.

Mergenthaler, Ela G., also doing business as Ela Gray and as Ro-Sae-La, Manhattan Beach, Calif. Preparation for external application on the human skin. 437,597, Mar. 30; Serial No. 508,431, published Dec. 16, 1947. Class 6.

Merrell, Wm. S., Company, The, Cincinnati, Ohio. Antibiotic product. 437,619, Mar. 30; Serial No. 510,820, published Dec. 16, 1947. Class 6.

Merrell, Wm. S., Company, The, Cincinnati, Ohio. Aqueous solution. 437,651, Mar. 30; Serial No. 514,833, published Dec. 23, 1947. Class 6.

Merrimac Hat Corporation, Amesbury, Mass. Women's hats and hat bodies. 437,867, Mar. 30; Serial No. 525,644, published Dec. 16, 1947. Class 39.

Miami Visitor Publishing Company, Inc., Miami, Fla. Magazine. 437,884, Mar. 30. Class 38.

Michael, David, & Co., by David Michael and Company Incorporated, Philadelphia, Pa. Food flavoring extracts. 407,356, May 30, 1944. Republished Mar. 30. Class 46.

Michael, David, and Company Incorporated: *See*—
Michael, David, & Co.

Michelotti, Emilio, doing business as Keenexir Laboratories, Brooklyn, N. Y. Bitter-stomachic-appetizer. 437,822, Mar. 30; Serial No. 523,600, published Dec. 16, 1947. Class 6.

Midwest Consultants, Inc., doing business as Precision Miniatures, St. Louis, Mo. Charm bracelets. 437,631, Mar. 30; Serial No. 512,438, published Jan. 6, 1948. Class 28.

Miller, Lillie, Xenia, Ohio. Hair preparation. 437,732, Mar. 30; Serial No. 519,285, published Dec. 23, 1947. Class 6.

Minneapolis Brewing Company, Minneapolis, Minn. Beer. 379,036. June 25, 1940. Republished Mar. 30. Class 48.

Minwax Company, Inc., New York, N. Y. Asphalt-saturated fabrics. 238,736, renewed Feb. 14, 1948. O. G. Mar. 30. Class 12.

Modern Maid Food Products, Brooklyn, N. Y. Prepared flours. 363,265, Dec. 20, 1938. Republished Mar. 30. Class 46.

Monsanto Chemical Company, St. Louis, Mo. Chemical compounds. 364,529, Feb. 7, 1939. Republished Mar. 30. Class 4.

Monsanto Chemical Company, St. Louis, Mo. Phosphate compositions. 365,395, Mar. 7, 1939. Republished Mar. 30. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Plastic compositions in the form of sheets or films. 365,396, Mar. 7, 1939. Republished Mar. 30. Class 50.

Monsanto Chemical Company, St. Louis, Mo. Chemical adjuvants. 376,883, Apr. 9, 1940. Republished Mar. 30. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Chemical preservatives. 381,083, Sept. 10, 1940. Republished Mar. 30. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Solid waxy materials. 390,299, July 7, 1942. Republished Mar. 30. Class 1.

Monsanto Chemical Company, St. Louis, Mo. Compounds used as vulcanization accelerators. 399,228, Dec. 22, 1942. Republished Mar. 30. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Thermo-setting synthetic resin adhesives. 404,472, Nov. 23, 1943. Republished Mar. 30. Class 5.

Monsanto Chemical Company, St. Louis, Mo. Chemical products. 405,045, Jan. 4, 1944. Republished Mar. 30. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Synthetic resin compositions. 405,576, Feb. 8, 1944. Republished Mar. 30. Class 1.

Monsanto Chemical Company, St. Louis, Mo. Thread and yarns. 437,781, Mar. 30; Serial No. 521,748, published Jan. 13, 1948. Class 43.

Morley, I. & R., Limited, London, England. Fabric gloves, sweaters, cardigans, etc. 437,714, Mar. 30; Serial No. 518,311, published Dec. 23, 1947. Class 39.

Mothimune Co., The: *See*—
Hicks, Frank H.

Motloid Company, The, Chicago, Ill. Denture acrylic material. 437,512, Mar. 30; Serial No. 463,382, published Nov. 30, 1943. Class 44.

Mount Vernon-Woodberry Cotton Duck Company, by Mt. Vernon-Woodberry Mills, Inc., Baltimore, Md. Cotton duck. 65,947, Oct. 29, 1907. Republished Mar. 30. Class 42.

Mount Vernon-Woodberry Cotton Duck Company, by Mt. Vernon-Woodberry Mills, Inc., Baltimore, Md. Cotton duck. 66,026, Nov. 5, 1907. Republished Mar. 30. Class 42.

Mount Vernon-Woodberry Cotton Duck Company, by Mt. Vernon-Woodberry Mills, Inc., Baltimore, Md. Cotton-duck. 66,051, Nov. 5, 1907. Republished Mar. 30. Class 42.

Mount Vernon-Woodberry Cotton Duck Company, by Mt. Vernon-Woodberry Mills, Inc., Baltimore, Md. Cotton-duck. 66,471, Dec. 3, 1907. Republished Mar. 30. Class 42.

Mt. Vernon-Woodberry Mills, Inc.: *See*—
Mount Vernon-Woodberry Cotton Duck Company.

Mundle Manufacturing Company, The, Aurora, Ill. Stock tank heaters. 437,687, Mar. 30; Serial No. 516,627, published Dec. 16, 1947. Class 34.

Murphy, Francis J.: *See*—
Clouse, Allen L., and Murphy.

Mutual Hosiery Corp., New York, N. Y. Hosiery for women. 437,706, Mar. 30; Serial No. 518,028, published Dec. 16, 1947. Class 39.

Nakasheff, Pantcho, doing business as Pharmacy P. Nakasheff, Sofia, Bulgaria. Medicinal preparation for use in the treatment of Parkinson's disease. 437,817, Mar. 30; Serial No. 523,409, published Jan. 6, 1948. Class 6.

Nathan, S., & Company Inc., New York, N. Y. Necklaces. 437,808, Mar. 30; Serial No. 522,995, published Dec. 23, 1947. Class 28.

National Die Casting Company, Chicago, Ill. Fruit juice extractors. 399,342–3, Dec. 29, 1942. Republished Mar. 30. Class 23.

National Geographic Society, Washington, D. C. Continuing publication at present published seasonally. 437,710, Mar. 30; Serial No. 518,168, published Dec. 23, 1947. Class 38.

National Mattress Company, Huntington, W. Va. Mattresses, cribs, children's playpens, etc. 437,531, Mar. 30; Serial No. 493,448, published Jan. 6, 1948. Class 32.

National Pigment Company: *See*—
Sall, Grayce L.

National Wax Company, Chicago, Ill. Wax composition. 374,892, Jan. 30, 1940. Republished Mar. 30. Class 6.

National Wax Company, Chicago, Ill. Compounded petroleum wax. 393,164, Jan. 27, 1942. Republished Mar. 30. Class 1.

National Wax Company, Chicago, Ill. Wax composition. 393,165–6, Jan. 27, 1942. Republished Mar. 30. Class 6.

National Wax Company, Chicago, Ill. Wax composition. 414,503, June 12, 1945. Republished Mar. 30. Class 6.

Naylor, Fred D., Groton, Mass., and Partlow, Va., doing business as Rolyan Products. Cough syrup. 437,667, Mar. 30; Serial No. 515,578, published Dec. 23, 1947. Class 6.

Neff, J. W., Laboratories, Inc., Easton, Pa. Slabs of thermoplastic material. 437,671, Mar. 30; Serial No. 515,669, published Dec. 16, 1947. Class 1.

Nelson-Elsmann Company, The, Chicago, Ill. Carbon paper. 375,576, Feb. 20, 1940. Republished Mar. 30. Class 11.

Nelson, Julius, Corp., New York, N. Y. Ladies' and misses' coats. 437,871, Mar. 30; Serial No. 525,929, published Dec. 23, 1947. Class 39.

Newton Elkin Shoe Company, Philadelphia, Pa. Shoes. 437,634, Mar. 30; Serial No. 512,923, published Jan. 6, 1948. Class 39.

New York Make-Up Corporation, New York, N. Y. Face creams. 437,709, Mar. 30; Serial No. 518,119, published Dec. 23, 1947. Class 6.

New York Rubber Corporation, New York, N. Y. Inflatable mattresses, cushions and pillows. 437,849, Mar. 30; Serial No. 524,716, published Dec. 23, 1947. Class 32.

New Yorker Magazine, Inc., The, New York, N. Y. Magazine column. 437,785, Mar. 30; Serial No. 521,981, published Dec. 30, 1947. Class 38.

Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y. Insecticidal composition. 437,515, Mar. 30; Serial No. 472,397, published Dec. 16, 1947. Class 6.

Niles-Bement-Pond Company, West Hartford, Conn. Metal cutting and grinding machines. 364,488, Jan. 31, 1939. Republished Mar. 30. Class 23.

Nivram Manufacturing Co.: *See*—
Eisminger, M. M.

Noramex Company, assignor to Noramex Company, Inc., New York, N. Y. Cough syrup. 437,621, Mar. 30; Serial No. 511,235, published Aug. 19, 1947. Class 6.

Noramex Company, Inc.: *See*—
Noramex Company.

North American Knitting Company, Mansfield, Ohio. Mens', womens' and boys' sweaters. 437,658, Mar. 30; Serial No. 515,039, published Dec. 16, 1947. Class 39.

Northern Indiana Brass Company, Elkhart, Ind. Pipe fittings. 437,585, Mar. 30; Serial No. 507,271, published Dec. 23, 1947. Class 13.

Northmont Hosiery Corporation, Reading, Pa., and New York, N. Y. Hosiery. 363,463–5, Dec. 27, 1938. Republished Mar. 30. Class 39.

Northwest Paper Company, The, Cloquet, Minn. Envelope paper. 211,843, renewed Apr. 20, 1946. O. G. Mar. 30. Class 37.

Oakydoke Manufacturing Company: *See*—
Martens, R. C.

Oberholtz, Anthony, doing business as Mr. O's Products, Los Angeles, Calif. Liquid and dry fertilizers. 437,582, Mar. 30; Serial No. 506,833, published Dec. 23, 1947. Class 10.

Occy-Crystine Corporation, The, doing business as Floratose Laboratory, Salisbury, Conn. Medicinal preparation. 437,775, Mar. 30; Serial No. 521,530, published Dec. 23, 1947. Class 6.

Oelerich & Berry Company, Chicago, Ill. Canned mixed vegetable juices. 389,032, July 22, 1941. Republished Mar. 30. Class 46.

Old Dutch Industrial Products Co. Inc., Harrison, N. J. Liquid shoe wax. 437,862, Mar. 30; Serial No. 525,397, published Dec. 9, 1947. Class 4.

Oneida Chemical Company: *See*—
Wiley, Frank L.

Onyx Oil & Chemical Company, Jersey City, N. J. Quaternary ammonium antiseptic compound. 437,514, Mar. 30; Serial No. 466,309, published Mar. 14, 1944. Class 6.

Ormsbee, Helen S., Portland, Maine. Ladies' and misses' blouses, dresses, coats, etc. 437,823, Mar. 30; Serial No. 523,605, published Jan. 6, 1948. Class 39.

O's, Mr., Products: *See*—
Oberholtz, Anthony.

Overby, Stanley, doing business as Stanley Overby Chair Company, assignor to Float-In-Ez Company, Los Angeles, Calif. House chairs. 437,622, Mar. 30; Serial No. 511,238, published Dec. 16, 1947. Class 32.

Overby, Stanley, Chair Company: *See*—
Overby, Stanley.

Pacific Clay Products, Los Angeles, Calif. Brick. 240,671, renewed Apr. 3, 1948. O. G. Mar. 30. Class 12.

Page & Hill Co., Minneapolis, Minn. Treated poles for the support of power lines and communication lines. 392,940, Jan. 20, 1942. Republished Mar. 30. Class 12.

Page Milk Company: *See*—
Page, Rowland B.

Page Milk Company, The: *See*—
Page, Rowland B.

Page, Rowland B., doing business as Page Milk Company, to The Page Milk Company, Merrill, Wis. Evaporated milk. 225,709, renewed Mar. 22, 1947. O. G. Mar. 30. Class 46.

Parke, Davis & Company, Detroit, Mich. Pharmaceutical preparation. 437,565, Mar. 30; Serial No. 501,140, published Jan. 7, 1947. Class 6.

Parker, Clarence G., doing business as Smiling Spring Mattress Company, Vivian, La. Mattresses. 437,637, Mar. 30; Serial No. 513,762, published Dec. 30, 1947. Class 32.

Parker Watch Company, New York, N. Y. Watches and parts thereof. 437,552–5, Mar. 30; Serial Nos. 499,267–70, published Dec. 23, 1947. Class 27.

Peacock, C. D., Inc., Chicago, Ill. Clocks, striking clocks; men's and ladies' watches. 437,868, Mar. 30; Serial No. 525,670, published Dec. 23, 1947. Class 27.

Pecha, Viktor, Bay City, Mich. Portable, foldable seats. 437,828, Mar. 30; Serial No. 523,720, published Dec. 9, 1947. Class 32.

Peerless Brush Manufacturing Company, Burlington, Vt. Shaving brushes. 437,780, Mar. 30; Serial No. 521,682, published Dec. 30, 1947. Class 29.

Pennsylvania Salt Manufacturing Company, The, Philadelphia, Pa. Insecticide. 437,668, Mar. 30; Serial No. 515,581, published Dec. 30, 1947. Class 6.

Penobscot Shoe Company, Old Town, Maine. Shoes. 437,707, Mar. 30; Serial No. 518,033, published Dec. 30, 1947. Class 39.

Peoples Drug Stores, Incorporated: *See*—
Peoples Drug Stores, Inc.

Peoples Drug Stores, Inc., to Peoples Drug Stores, Incorporated, Washington, D. C. Denatured alcohol, Dobell's solution, zinc ointment, etc. 227,440, renewed May 3, 1947. O. G. Mar. 30. Class 6.

Petroleum Laboratories, Long Island City, N. Y. Solvent liquid preparations. 437,534, Mar. 30; Serial No. 494,337, published Dec. 23, 1947. Class 6.

Pfeiffer, Frank H., Co., Inc., Worcester, Mass. Women's footwear. 437,656, Mar. 30; Serial No. 514,987, published Dec. 30, 1947. Class 39.

Pharmacy P. Nakasheff: *See*—
Nakasheff, Pantcho.

Philadelphia Badge Company, Inc., Philadelphia, Pa. Jewelry findings. 437,708, Mar. 30; Serial No. 518,100, published Dec. 30, 1947. Class 28.

Pioneer Suspender Company, Philadelphia, Pa. Trouser-supporting belts, garters, and suspenders. 380,699, Aug. 27, 1940. Republished Mar. 30. Class 39.

Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass tableware. 402,427, July 20, 1943. Republished Mar. 30. Class 33.

Pittsburgh Plate Glass Company, Pittsburgh, Pa. Polymerizable synthetic resins. 437,579, Mar. 30; Serial No. 506,201, published Dec. 16, 1947. Class 1.

Plasti Industries, Inc., Winona, Minn. Sandals and light overshoes. 437,698, Mar. 30; Serial No. 517,156, published Jan. 6, 1948. Class 39.

Plastic Die & Tool Corporation, Los Angeles, Calif. Plastic toy tops. 437,842, Mar. 30; Serial No. 524,343, published Oct. 28, 1947. Class 22.

Post Watch Co., Inc., New York, N. Y. Watches and parts thereof. 437,763, Mar. 30; Serial No. 520,648, published Dec. 23, 1947. Class 27.

Potash Company of America, New York, N. Y. Muriate of potash. 378,313, June 4, 1940. Republished Mar. 30. Class 10.

Precision Miniatures: *See*—
Midwest Consultants, Inc.

Procter & Gamble Company, The, Cincinnati, Ohio. Bulk vegetable shortening. 438,251, Nov. 28, 1933. Republished Mar. 30. Class 46.

Procter & Gamble Company, The, Cincinnati, Ohio. Soap. 408,865, Aug. 29, 1944. Republished Mar. 30. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser and detergent. 437,844–5; Mar. 30; Serial Nos. 524,415–16, published Dec. 9, 1947. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser and detergent. 437,846–7, Mar. 30; Serial Nos. 524,478–9, published Dec. 9, 1947. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser and detergent. 437,848, Mar. 30; Serial No. 524,563, published Dec. 9, 1947. Class 4.

Pullman Pajamas, Inc., New York, N. Y. Ladies' and men's lounging coats. 437,854, Mar. 30; Serial No. 525,108, published Dec. 23, 1947. Class 39.

Pure Oil Company, The, Chicago, Ill. Gasoline and motor fuel oils. 387,129, May 6, 1941. Republished Mar. 30. Class 15.

Quaker City Rubber Company, Wissinoming, Philadelphia, Pa. Belting. 232,069, Aug. 30, 1927. Corrected. O. G. Mar. 30. Class 35.

Quinby, Elisabeth, Wooster, Ohio. Name of a newspaper column. 437,694, Mar. 30; Serial No. 516,867, published Dec. 30, 1947. Class 38.

Radio Corporation of America, New York, N. Y. Non-electric phonographs, non-electric sound records for phonographs, etc. 437,873, Mar. 30; Serial No. 526,288, published Jan. 6, 1948. Class 36.

Rappaport, Jack, Co., Inc., New York, N. Y. Undergarments for women. 437,733, Mar. 30; Serial No. 519,295, published Jan. 6, 1948. Class 39.

Rawl Chemical Co.: *See*—
Wise, Milford H.

Red Ball Manufacturing Company: *See*—
Kimberlin, C. M.

Redonnett, Renée, Inc., Boston, Mass. Hand lotion. 437,697, Mar. 30; Serial No. 517,000, published Dec. 23, 1947. Class 6.

Regal Plastic Company, Kansas City, Mo. Lamp tables, cocktail and coffee tables, and corner shelves. 437,532, Mar. 30; Serial No. 493,512, published Jan. 6, 1948. Class 32.

Regal Shoe Company, Whitman, Mass. Shoe horns, and shoe laces. 380,803, Sept. 3, 1940. Republished Mar. 30. Class 40.

Revlon Products Corporation, New York, N. Y. Nail enamel, base and top coat. 437,580, Mar. 30; Serial No. 506,549, published Jan. 6, 1948. Class 6.

Reynolds Metals Company, Richmond, Va. Aluminum and aluminum alloys. 437,584, Mar. 30; Serial No. 507,218, published Jan. 6, 1948. Class 14.

Rice, Dorothy C., Baltimore, Md. Telephone stands. 437,718, Mar. 30; Serial No. 518,560, published Dec. 30, 1947. Class 32.

Rider, William E., doing business as Riders, Ltd., North Hollywood, Calif. Hand lotion. 437,542, Mar. 30; Serial No. 496,861, published Jan. 6, 1948. Class 6.

Riders, Ltd.: *See*—
Rider, William E.

Riverside & Dan River Cotton Mills, Inc., Danville, Va., now by change of name to Dan River Mills Incorporated. Cotton piece goods treated to render the same weather resistant. 437,521, Mar. 30; Serial No. 486,119, published Jan. 13, 1948. Class 42.

Rixson, Oscar C., Company, The, Chicago, Ill. Builders' hardware. 363,297, Dec. 20, 1938. Republished Mar. 30. Class 13.

Rogers, Robert W., Chicago, Ill. Candy. 432,760, Sept. 9, 1947. Canceled Mar. 3, 1948. O. G. Mar. 30. Class 46.

Rolyan Products: *See*—
Naylor, Fred D.

Rondeau, H. O., Shoe Co. Inc., Farmington, N. H. Shoes. 437,840, Mar. 30; Serial No. 524,323, published Dec. 16, 1947. Class 39.

Rorre-On Co., The, Bowling Green, Va. Chemical compound. 437,647, Mar. 30; Serial No. 514,565, published Dec. 16, 1947. Class 6.

Ro-Sae-La: *See*—
Mergenthaler, Ela Gray.

Rosenberg, Lieblich & Frank, New York, N. Y. Men's and young men's overcoats and topcoats. 437,843, Mar. 30; Serial No. 524,349, published Dec. 16, 1947. Class 39.

Royal Home Products, Incorporated, doing business as Zanol Products, Cincinnati, Ohio. Tooth brushes. 437,838, Mar. 30; Serial No. 524,213, published Dec. 16, 1947. Class 29.

Rubel, John, doing business as John Rubel Co., New York, N. Y. Ladies' and misses' outer garments. 437,617, Mar. 30; Serial No. 510,618, published Dec. 16, 1947. Class 39.

Rubel, John, Co.: *See*—
Rubel, John.

Rubicon, doing business as The Antique Shoppe, assignor to Rubicon, Inc., New York, N. Y. Oil lamps. 437,523, Mar. 30; Serial No. 488,480, published Dec. 16, 1947. Class 34.

Rubicon, Inc., assignee: *See*—
Rubicon.

Sabas, Frankie, Lansford, Pa. Periodical. 437,538, Mar. 30; Serial No. 495,628, published Dec. 23, 1947. Class 38.

Sage, Peggy, Inc., Stamford, Conn., and New York, N. Y. Nail polish. 437,665, Mar. 30; Serial No. 515,332, published Jan. 6, 1948. Class 6.

St. Louis Tool Company, Maplewood, Mo. Finger nail abrading instrument. 437,564, Mar. 30; Serial No. 501,134, published Dec. 23, 1947. Class 44.

Saks & Company, New York, N. Y. Women's and misses' hats, dresses, blouses, etc. 437,690, Mar. 30; Serial No. 516,733, published Jan. 6, 1948. Class 39.

Sall, Grayce L., doing business as National Pigment Company, Philadelphia, Pa. Composition for addition to molten iron and steel. 437,804, Mar. 30; Serial No. 522,903, published Dec. 23, 1947. Class 6.

Sanders, Daniel, New York, N. Y. Ladies' pajamas, slips, nightgowns, etc. 437,807, Mar. 30; Serial No. 522,971, published Jan. 6, 1948. Class 39.

Schering Corporation, Bloomingfield, N. J. Hyaluronidase. 437,798, Mar. 30; Serial No. 522,694, published Jan. 6, 1948. Class 6.

Schieffelin & Co., New York, N. Y. Fluid extract belladonna leaves; fluid extract cottonroot bark; etc. 437,833, Mar. 30; Serial No. 524,084, published Jan. 6, 1948. Class 6.

Scholastic Corporation, New York, N. Y. Periodical. 437,612, Mar. 30; Serial No. 509,882, published Dec. 23, 1947. Class 38.

Schuster, Murray L., doing business as United Sanitary Chemicals Company, Baltimore, Md. Rug shampoo. 437,518, Mar. 30; Serial No. 484,595, published Dec. 16, 1947. Class 4.

Schwartz, L. N., & Sons, Inc., Philadelphia, Pa. Roller skating shoes and ice skating shoes. 437,527, Mar. 30; Serial No. 490,332, published Dec. 23, 1947. Class 39.

Scully, John J., Jr., Port Arthur, Tex. Cartoon strip. 437,666, Mar. 30; Serial No. 515,335, published Jan. 6, 1948. Class 38.

Sealol Corporation, Providence, R. I. Mechanical seal for rotary shafts. 437,684, Mar. 30; Serial No. 516,446, published Jan. 6, 1948. Class 35.

Seaman Paper Company, Chicago, Ill. Artificial leather upholstery material. 393,517, Feb. 17, 1942. Republished Mar. 30. Class 50.

Searle, G. D., & Co., Chicago, Ill. Medicinal tablets. 437,660, Mar. 30; Serial No. 515,237, published Dec. 16, 1947. Class 6.

Secatore, Remo, doing business as Bell Garment Co., Boston, Mass. Men's and boys' sportswear. 437,784, Mar. 30; Serial No. 521,934, published Dec. 16, 1947. Class 39.

Security Mills, Inc., New York, N. Y. Knitted fabrics in the piece. 437,793, Mar. 30; Serial No. 522,555, published Dec. 23, 1947. Class 42.

Seeco Records Inc., New York, N. Y. Mechanically grooved phonograph records. 437,717, Mar. 30; Serial No. 518,434, published Dec. 16, 1947. Class 36.

Senack Shoe Company, by Consolidated Retail Stores, Inc., St. Louis, Mo. Shoes. 328,659, Oct. 1, 1935. Republished Mar. 30. Class 39.

Seneca Printing Company, Chicago, Ill. Column in a periodical publication. 437,743, Mar. 30; Serial No. 519,604, published Dec. 30, 1947. Class 38.

Sharp & Dohme, Incorporated, Philadelphia, Pa. Antacid preparation. 437,713, Mar. 30; Serial No. 518,257, published Dec. 16, 1947. Class 6.

Sharp & Dohme, Incorporated, Philadelphia, Pa. Preparation possessing sedative and estrogenic properties. 437,855, Mar. 30; Serial No. 525,115, published Dec. 16, 1947. Class 6.

Sharp & Dohme, Incorporated, Philadelphia, Pa. Sedative expectorant and tonics. 437,856, Mar. 30; Serial No. 525,117, published Dec. 16, 1947. Class 6.

Siegel, F. I., & Son, doing business as Fison Paint Products Company, to F. I. Siegel & Son, Inc., Union City, N. J. Paints, varnish, lacquers, etc. 231,931, renewed Aug. 30, 1947. O. G. Mar. 30. Class 16.

Siegel, F. I., & Son, doing business as Fison Paint Products Company, to F. I. Siegel & Son, Inc., Union City, N. J. Paints, varnish, lacquers, etc. 232,188, renewed Sept. 6, 1947. O. G. Mar. 30. Class 16.

Siegel, F. I., & Son, Inc.: *See*—
Siegel, F. I., & Son.

Signode Steel Strapping Company, Chicago, Ill. Metallic fastening seals. 399,088, Dec. 15, 1942. Republished Mar. 30. Class 25.

Simpson, J. I. and C. V., Waterville, Minn. Seed corn. 437,546, Mar. 30; Serial No. 497,573, published Dec. 16, 1947. Class 1.

Smiling Spring Mattress Company: *See*—
Parker, Clarence G.

Smith, A. O., Corporation, Milwaukee, Wis. Metallic welding electrodes. 394,190, Mar. 24, 1942. Republished Mar. 30. Class 14.

Smith, L. C., Gun Company, Incorporated, The, Fulton, N. Y. Guns and parts thereof. 437,751, Mar. 30; Serial No. 519,992, published Dec. 30, 1947. Class 9.

Smokador Manufacturing Co., Inc., Bloomfield, N. J. Ash receivers. 366,910, May 2, 1939. Republished Mar. 30. Class 8.

Société Anonymé d'Exploitation Des Papeteries L. Lacroix Fils, Angouleme, France. Cigarette papers cut to size. 437,593, Mar. 30; Serial No. 508,252, published Jan. 6, 1948. Class 8.

South Seas Trading Corp., New York, N. Y. Women's slips, nightgowns, and pajamas. 437,611, Mar. 30; Serial No. 509,681, published Dec. 23, 1947. Class 39.

Spaulding-Moss Company, Boston, Mass. Sensitized blue print paper and cloth, etc. 392,194, Dec. 16, 1941. Republished Mar. 30. Class 26.

Speidel Corporation, Providence, R. I. Bracelets. 437,795, Mar. 30; Serial No. 522,604, published Dec. 23, 1947. Class 28.

Sperling, Morris J., Alhambra, Calif. Gas burners. 437,563, Mar. 30; Serial No. 500,777, published Dec. 16, 1947. Class 34.

Spir-It, Inc., Malden, Mass. Letter openers. 383,489, Dec. 10, 1940. Republished Mar. 30. Class 37.

Spout Products Company: *See*—
Ahlmann, Lyndola M.

Spra-Shield Company, Grand Rapids, Mich. Spray for shrubs and trees. 437,640, Mar. 30; Serial No. 513,906, published Jan. 6, 1948. Class 6.

Spring-Air Company, Holland, Mich. Display stands, shelves, racks, etc. 437,702, Mar. 30; Serial No. 517,674, published Dec. 30, 1947. Class 32.

Stainless Ware Company of America: *See*—
Lewis, Richard W.

Stammer, Vivienne B., Appleton, Wis. Holder for nursing bottles. 437,677, Mar. 30; Serial No. 515,965, published Jan. 6, 1948. Class 44.

Standard Milling Company: *See*—
McOneal, Macy.

Stearns & Foster Company, The, Cincinnati and Lockland, Cincinnati, Ohio. Mattresses. 437,773, Mar. 30; Serial No. 521,414, published Dec. 30, 1947. Class 32.

Steizer Bros. Inc., New York, N. Y. Belts. 437,869, Mar. 30; Serial No. 525,699, published Dec. 30, 1947. Class 39.

Stephano Brothers, Philadelphia, Pa. Cigarettes. 437,774, Mar. 30; Serial No. 521,415, published Dec. 23, 1947. Class 17.

Stevenson, J. M., doing business as Kanstone Company, Garnett, Kans. Soil conditioner. 437,809, Mar. 30; Serial No. 523,026, published Jan. 6, 1946. Class 10.

Strathmore Co., Ltd., Teaneck, N. J. Pyrophoric and catalytic cigarette lighters. 437,674, Mar. 30; Serial No. 515,727, published Dec. 16, 1947. Class 34.

Street & Smith Publications, Inc., New York, N. Y. Section of a periodical. 437,748, Mar. 30; Serial No. 519,842, published Dec. 30, 1947. Class 38.

Sunbeam Products, Inc., Toledo, Ohio. Leather treating substances. 437,758, Mar. 30; Serial No. 520,308, published Dec. 16, 1947. Class 4.

Sunrise Mattress Co., Inc., Hempstead, N. Y. Mattresses. 437,767, Mar. 30; Serial No. 520,910, published Jan. 6, 1948. Class 32.

Tailby-Nason Company, Cambridge, Mass. Ointment. 437,716, Mar. 30; Serial No. 518,374, published Dec. 16, 1947. Class 6.

Talon, Inc., Meadville, Pa. Separable fasteners. 394,234, Mar. 24, 1942. Republished Mar. 30. Class 13.

Taylor, Thomas, & Sons, Inc., Hudson, Mass. Shoe laces. 394,226, Mar. 24, 1942. Republished Mar. 30. Class 40.

Texas Hardware Boosters Club, Pearsall, Tex. Periodical publication. 437,826, Mar. 30; Serial No. 523,715, published Dec. 23, 1947. Class 38.

Thomas, Leota J., Detroit, Mich. Pictures of Biblical scenes, pictures of Biblical figures, etc. 437,536, Mar. 30; Serial No. 494,723, published Dec. 23, 1947. Class 38.

Thomas, M. & W. Co.: *See*—
Thomas, M. & W., Corp.

Thomas, M. & W., Corp., by M. & W. Thomas Co., New York, N. Y. Piece goods. 373,711, Dec. 19, 1939. Republished Mar. 30. Class 42.

Thomas, M. & W., Corp., by M. & W. Thomas Co. ,New York, N. Y. Neckties. 375,692, Feb. 27, 1940. Republished Mar. 30. Class 39.

Thornfield, Charles, doing business as Furmoto Chemical Company, London, England. Preparation for cleaning and polishing. 437,659, Mar. 30; Serial No. 515,140, published Dec. 16, 1947. Class 4.

Tishman, Lou, Co., Inc., New York, N. Y. Ladies' coats. 500,018, Mar. 30. Class 39.

Tobacco Cartridge Corp., New York, N. Y. Tobacco products. 437,824, Mar. 30; Serial No. 523,626, published Dec. 30, 1947. Class 17.

Toledo Venetian Blind Company, Incorporated, Toledo, Ohio. All types of venetian blinds. 437,657, Mar. 30; Serial No. 514,999, published Jan. 6, 1948. Class 32.

Ton-Tex Corporation, Grand Rapids, Mich. Endless conveyor belts and belting stock. 437,797, Mar. 30; Serial No. 522,679, published Dec. 30, 1947. Class 35.

Tophand Tie Co., The: *See*—
Edmiston, Marion W.

Towlsaver, Inc., Los Angeles, Calif. Paper towels. 437,874, Mar. 30. Class 37.

Train-Ellis, Inc., New York, N. Y. Lingerie. 437,685, Mar. 30; Serial No. 516,512, published Dec. 30. Class 39.

Trappey, B. F., & Sons, Jeanerette, La., to B. F. Trappey's Sons, Inc., New Iberia, La. Pepper sauce. 230,395, renewed July 19, 1947. Mar. 30. Class 46.

Trappey's B. F., Sons, Inc.: *See*—
Trappey, B. F., & Sons.

Treasurvox, New York, N. Y. Mechanically grooved phonograph records. 437,827, Mar. 30; Serial No. 523,717, published Jan. 6, 1948. Class 36.

Tru-Ade, Inc.: *See*—
Ward, Lee C.

Tykor Products Inc., New York, N. Y. Liquid and powder detergent cleansing agents. 437,863, Mar. 30; Serial No. 525,459, published Dec. 9, 1947. Class 4.

Unidos Incorporated, New York, N. Y. Piece goods. 437,790, Mar. 30; Serial No. 522,332, published Dec. 23, 1947. Class 42.

Union Products Co., Rockford, Ill. Shave cream. 437,761, Mar. 30; Serial No. 520,482, published Dec. 9, 1947. Class 4.

United Art Specialty Co.: *See*—
Cohn, Bernhard J.

United Feature Syndicate, Inc., New York, N. Y. Weekly periodicals of comic drawings. 437,600, Mar. 30; Serial No. 508,757, published Dec. 23, 1947. Class 38.

United Sanitary Chemicals Company: *See*—
Schuster, Murray L.

United States Quarry Tile Company, Canton and East Sparta, Ohio, and Parkersburg, W. Va. Abrasive fired ceramic grains and powders. 437,513, Mar. 30; Serial No. 464,456, published Dec. 16, 1947. Class 4.

United States Stoneware Co., The, Akron, Ohio. Synthetic thermoplastic resinous materials. 437,638, Mar. 30; Serial No. 513,786, published Dec. 2, 1947. Class 1.

Valley Shoe Corporation, St. Louis, Mo. Shoes. 437,630, Mar. 30; Serial No. 512,219, published Nov. 25, 1947. Class 39.

Vanderbilt, R. T., Company, Inc., New York, N. Y. Chemicals. 437,649, Mar. 30; Serial No. 514,734, published Dec. 23, 1947. Class 6.

Vanderbilt, R. T., Company Inc., New York, N. Y. Clay carrier or diluent for insecticides and fungicides. 437,791, Mar. 30; Serial No. 522,508, published Dec. 16, 1947. Class 6.

Van der Reis, Maarten, Company, Inc., The, New York, N. Y. Clinical thermometers. 437,829, Mar. 30; Serial No. 523,900, published Dec. 30, 1947. Class 44.

Van Pelt & Brown, Inc., Richmond, Va. Analgesic tablet. 437,741, Mar. 30; Serial No. 519,550, published Dec. 23, 1947. Class 6.

Vernat, Inc., New York, N. Y. Vermouths. 391,080, Oct. 21, 1941. Republished Mar. 30. Class 47.

Wade, Ben, Limited, Leeds, England. Tobacco pipes and cigar and cigarette holders. 437,601–2, Mar. 30; Serial No. 508,779–80, published Dec. 30, 1947. Class 8.

Waitt & Bond, Inc., Newark, N. J. Cigars. 366,917, May 2, 1939. Republished Mar. 30. Class 17.

Waitt & Bond, Inc., Newark, N. J. Cigars. 396,957, Aug. 11, 1942. Republished Mar. 30. Class 17.

Walker, Allen O., doing business as Marvella Products Company, Peoria, Ill. Denture cleaner and stain remover. 437,864, Mar. 30; Serial No. 525,461, published Dec. 16, 1947. Class 4.

Walker Vitamin Products, Inc., Mt. Vernon, N. Y. Vitamins and vitamin combinations. 406,139, Mar. 14, 1944. Republished Mar. 30. Class 6.

Wallerstein Company, Inc., New York, N. Y. Preparation in dry powder form for the processing of textiles, etc. 417,500, Oct. 30, 1945. Canceled Mar. 3, 1948. O. G. Mar. 30. Class 6.

Wanskuck Company, Providence, R. I., and New York, N. Y. Woven woolen and worsted fabrics in the piece. 500,017, Mar. 30. Class 42.

Ward, Lee C., by Tru-Ade, Inc., Los Angeles, Calif. Non-alcoholic, malitless beverage. 363,736, Jan. 3, 1939. Republished Mar. 30. Class 45.

Watson Company, The, Attleboro, Mass. Flatware and holloware. 378,954, June 25, 1940. Republished Mar. 30. Class 28.

Watson, Leland A., doing business as Medical Acoustic Instrument Co., by The Maico Company, Incorporated, Minneapolis, Minn. Medical acoustic instruments. 361,388, Oct. 18, 1938. Republished Mar. 30. Class 44. Class 44.

Watson-Park Company, Boston, Mass. Chemical preparation. 255,266, Apr. 16, 1929. Republished Mar. 30. Class 6.

Weiner, Martin, Corp., Clifton, N. J., and New York, N. Y. Rayon, cotton, linen, etc., goods in the piece. 500,019, Mar. 30. Class 42.

Weinreich, H., Co. Inc.: *See*—
Weinreich, H., Company, Inc.

Weinreich, H., Company Inc., also known as H. Weinreich Co. Inc., Philadelphia, Pa. Finger rings, earrings, bracelets, etc. 437,746, Mar. 30; Serial No. 519,785, published Jan. 6, 1948. Class 28.

Wesson Houseware Products Co., Chicago, Ill. Dry, slip-preventing chemically inert powder. 437,589, Mar. 30; Serial No. 507,667, published June 17, 1947. Class 4.

West Disinfecting Company, Long Island City, N. Y. Soap. 437,787, Mar. 30; Serial No. 522,015, published Dec. 16, 1947. Class 4.

Western Chemical Co.: *See*—
Elle, Paul.

Whitehall Pharmacal Company, New York, N. Y. Analgesic tablets, antacid powder, and tablets, etc. 437,628, Mar. 30; Serial No. 512,037, published Dec. 23, 1947. Class 6.

Wiley, Frank L., doing business as Oneida Chemical Company, Utica, N. Y. Liquid poison for the extermination of ants. 437,632, Mar. 30; Serial No. 512,554, published Jan. 6, 1948. Class 6.

Williams, M. A., Inc., Woonsocket, R. I. Toilet brushes. 437,749, Mar. 30; Serial No. 519,847, published Dec. 23, 1947. Class 29.

Wilson, Andrew, Inc., Springfield, N. J. Preparation for killing weeds. 437,675, Mar. 30; Serial No. 515,732, published Dec. 23, 1947. Class 6.

Windsor Products Company: *See*—
Hedenkamp, Richard L.

Wingback Company: *See*—
McCann, Judith.

Winner, Inc., Berne, Ind. Children's, boys', youths', girls', and misses' play and school togs. 437,736, Mar. 30; Serial No. 519,367, published Dec. 23, 1947. Class 39.

Wise, Milford H., doing business as Rawl Chemical Co., New York, N. Y. Antacid tablets. 437,730, Mar. 30; Serial No. 519,044, published Dec. 23, 1947. Class 6.

Wood Chemical Company: *See*—
Wood, Frank P.

Wood, Frank P., doing business as Wood Chemical Company, Jacksonville, Fla. Laxative preparation. 437,806, Mar. 30; Serial No. 522,961, published Dec. 23, 1947. Class 6.

Wood, Gordon P., Montreal, Quebec, Canada. Jewelry. 437,652, Mar. 30; Serial No. 514,868, published Dec. 23, 1947. Class 28.

Workman Packing Company, San Francisco, Calif. Chicken tamale, chili con carne, enchiladas, etc. 259,805, Aug. 6, 1929. Republished Mar. 30. Class 46.

World Week, Inc., Chicago, Ill. Newspaper supplement. 437,752, Mar. 30; Serial No. 520,004, published Dec. 30, 1947. Class 38.

Xpray Corporation, New York, N. Y. Atomizers. 437,762, Mar. 30; Serial No. 520,488, published Jan. 6, 1948. Class 44.

Yardley & Company Limited, London, England. Face powder, dusting powder, toilet water, etc. 437,644, Mar. 30; Serial No. 514,157, published Dec. 16, 1947. Class 6.

Yundt, Michael, Company, Waukesha, Wis. Bottle cleaning apparatus and bottle washing machinery. 373,688, Dec. 19, 1939. Republished Mar. 30. Class 23.

Zanol Products: *See*—
Royal Home Products, Incorporated.

Zofaly: *See*—
Crespins, J. & M. Laurens-Frings & Cie.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Coal. Consolidated Coal Company. 360,598, Sept. 20, 1938. Republished Mar. 30.

Coal. Essex Coal Company. 241,448, May 1, 1928. Republished Mar. 30.

Cork, Composition. Bond Crown & Cork Company. 437,539, Mar. 30; Serial No. 496,195, published Dec. 16, 1947.

Ferns, Natural. John Masek. 437,550, Mar. 30; Serial No. 498,068, published Dec. 9, 1947.

Furs, skins, hides, and pelts. Fouke Fur Company. 321,309, Jan. 29, 1935. Republished Mar. 30.

Leather. American Oak Leather Company. 380,662, Aug. 27, 1940. Republished Mar. 30.

Leather. Griess-Pfleger Tanning Co. 437,802, Mar. 30; Serial No. 522,850, published Dec. 16, 1947.

Plastic composition material, Moldings of. Erie Resistor Corporation. 341,380, Dec. 8, 1936. Republished Mar. 30.

Resin compositions, Synthetic. Monsanto Chemical Company. 405,576, Feb. 8, 1944. Republished Mar. 30.

Resinous materials, Synthetic thermoplastic. United States Stoneware Co. 437,638, Mar. 30; Serial No. 513,786, published Dec. 2, 1947.

Resins, Polymerizable synthetic. Pittsburgh Plate Glass Company. 437,579, Mar. 30; Serial No. 506,201, published Dec. 16, 1947.

Rubber, rubber sponge, and rubber sponges, Sponge. Faultless Rubber Company. 437,885, Mar. 30.

Seed corn. J. I. and C. V. Simpson. 437,546, Mar. 30; Serial No. 497,573, published Dec. 16, 1947.

Seed, Grass. Associated Seed Growers, Inc. 437,800, Mar. 30; Serial No. 522,758, published Dec. 9, 1947.

Seed, Grass. Associated Seed Growers, Inc. 437,801, Mar. 30; Serial No. 522,776, published Dec. 16, 1947.

Seeds, Cauliflower. Germain Seed and Plant Co. 437,524, Mar. 30; Serial No. 489,215, published Dec. 16, 1947.

Seeds, Flower. Germain Seed and Plant Company. 363,406, Dec. 27, 1938. Republished Mar. 30.

Seeds, Flower. Junglewood, Inc. 437,540, Mar. 30; Serial No. 496,386, published Dec. 16, 1947.

Skins, hides, and pelts, Fur. Fouke Fur Company. 358,152, June 28, 1938. Republished Mar. 30.

Thermoplastic material, Slabs of. J. W. Neff Laboratories, Inc. 437,671, Mar. 30; Serial No. 515,669, published Dec. 16, 1947.

Wax, Compounded petroleum. National Wax Company. 393,164, Jan. 27, 1942. Republished Mar. 30.

Waxy materials, Solid. Monsanto Chemical Company. 396,299, July 7, 1942. Republished Mar. 30.

CLASS 2

Bags, Fabric. Bemis Bro. Bag Company. 290,810, Jan. 19, 1932. Republished Mar. 30.

Grain-bags. Androscoggin Mills. 142,431, May 17, 1921. Republished Mar. 30.

CLASS 3

Suitcases, trunks, hat boxes, and wardrobe hand luggage. Hartmann Trunk Company. 362,342, Nov. 15, 1938. Republished Mar. 30.

CLASS 4

Abrasive fired ceramic grains and powders. United States Quarry Tile Company. 437,513, Mar. 30; Serial No. 464,456, published Dec. 16, 1947.

Bicarbonate of soda and baking soda. Church & Dwight Co. Inc. 437,703, Mar. 30; Serial No. 517,702, published Nov. 25, 1947.

Chemical compounds. Monsanto Chemical Company. 364,529, Feb. 7, 1939. Republished Mar. 30.
Chemical inert powder, Dry, slip-preventing. Wesson Houseware Products Co. 437,589, Mar. 30; Serial No. 507,667, published June 17, 1947.
Cleaner for Venetian blinds and painted and varnished surfaces. Blind-X-Company. 373,112, Nov. 28, 1939. Republished Mar. 30.
Cleaner, Liquid dry. Davies-Young Soap Company. 374,584, Jan. 16, 1940. Republished Mar. 30.
Cleaner and stain remover, Denture. A. O. Walker. 437,864, Mar. 30; Serial No. 525,461, published Dec. 16, 1947.
Cleaning compound. Davies-Young Soap Company. 387,038, Apr. 29, 1941. Republished Mar. 30.
Cleaning compound. M. M. Elsminger. 437,812, Mar. 30; Serial No. 523,084, published Dec. 30, 1947.
Cleaning and sanitizing compound, General purpose. R. W. Armour. 437,558–9, Mar. 30; Serial Nos. 500,200–1, published Dec. 16, 1947.
Cleaning preparation, Dry. L. M. Ahlmann. 437,654–5, Mar. 30; Serial Nos. 514,925–6, published Dec. 23, 1947.
Cream, Shave. Union Products Co. 437,761, Mar. 30; Serial No. 520,482, published Dec. 9, 1947.
Degreasers, and detergent-type polishes. Interchemical Corporation. 437,549, Mar. 30; Serial No. 498,010, published Dec. 23, 1947.
Detergent cleansing agents, Liquid and powder. Tykor Products Inc. 437,863, Mar. 30; Serial No. 525,459, published Dec. 9, 1947.
Dressing, cleaner and polisher for shoes, boots, leather goods, etc. Knomark Manufacturing Co. 437,766, Mar. 30; Serial No. 520,880, published Dec. 30, 1947.
Grinding and/or abrasive cutting wheel. Detroit-Star Grinding Wheel Company. 437,769, Mar. 30; Serial No. 521,118, published Dec. 30, 1947.
Leather treating substances. Sunbeam Products, Inc. 437,758, Mar. 30; Serial No. 520,308, published Dec. 16, 1947.
Liquid shoe wax. Old Dutch Industrial Products Co. Inc. 437,862, Mar. 30; Serial No. 525,397, published Dec. 9, 1947.
Polish, Shoe. Flocos & Xidis Company. 437,680–1, Mar. 30; Serial Nos. 516,266–7, published Dec. 9, 1947.
Preparation for cleaning and polishing. C. Thornfield. 437,659, Mar. 30; Serial No. 515,140, published Dec. 16, 1947.
Shampoo, Rug. M. L. Schuster. 437,518, Mar. 30; Serial No. 484,595, published Dec. 16, 1947.
Shaving cream, Brushless. Kela Products Co. 437,693, Mar. 30; Serial No. 516,854, published Dec. 16, 1947.
Soap. Procter & Gamble Company. 408,865, Aug. 29, 1944. Republished Mar. 30.
Soap. West Disinfecting Company. 437,787, Mar. 30; Serial No. 522,015, published Dec. 16, 1947.
Soap and laundry soap, Toilet. Consolidated Cosmetics. 437,556, Mar. 30; Serial No. 499,316, published Dec. 9, 1947.
Soaps, and perfumed soaps, Bath. J. Cochran. 437,772, Mar. 30; Serial No. 521,324, published Dec. 30, 1947.
Soaps, Toilet. Campana Sales Company. 407,494, June 6, 1944. Republished Mar. 30.
Soaps, Toilet. Charles of the Ritz, Inc. 437,526, Mar. 30; Serial No. 489,441, published Dec. 9, 1947.
Soaps, Toilet. Les Parfums de Dana, Inc. 437,814, Mar. 30; Serial No. 523,197, published Dec. 9, 1947.
Soda and bicarbonate of soda, Baking. Church & Dwight Co. Inc. 437,723, Mar. 30; Serial No. 518,819, published Nov. 25, 1947.
Soda and bicarbonate of soda, Baking. Church & Dwight Co. Inc. 437,724–5, Mar. 30; Serial Nos. 518,821–2, published Nov. 25, 1947.
Sudsing cleaner, cleanser and detergent. Procter & Gamble Company. 437,844–5, Mar. 30; Serial Nos. 524,415–16, published Dec. 9, 1947.
Sudsing cleaner, cleanser and detergent. Procter & Gamble Company. 437,846–7, Mar. 30; Serial Nos. 524,478–9, published Dec. 9, 1947.
Sudsing cleaner, cleanser and detergent. Procter & Gamble Company. 437,848, Mar. 30; Serial No. 524,563, published Dec. 9, 1947.

CLASS 5

Adhesives, Thermosetting synthetic resin. Monsanto Chemical Company. 404,472, Nov. 23, 1943. Republished Mar. 30.
Cement, Adhesive. F. G. Findley Co. 397,247, Aug. 25, 1942. Republished Mar. 30.

CLASS 6

Acetamidothiophene, 2-acetothienone oxime 2-aminothiophene, etc. Arapahoe Chemicals, Inc. 437,727, Mar. 30; Serial No. 518,869, published Jan. 6, 1948.
Analeptic. Geigy Company, Inc. 437,796, Mar. 30; Serial No. 522,626, published Dec. 16, 1947.
Analgesic tablet. Van Pelt & Brown, Inc. 437,741, Mar. 30; Serial No. 519,550, published Dec. 23, 1947.
Analgesic tablets, antacid powder, and tablets, etc. Whitehall Pharmacal Company. 437,628, Mar. 30; Serial No. 512,037, published Dec. 23, 1947.
Antacid preparation. Sharp & Dohme, Incorporated. 437,713, Mar. 30; Serial No. 518,257, published Dec. 16, 1947.
Antiacid tablets. M. H. Wise. 437,730, Mar. 30; Serial No. 519,044, published Dec. 23, 1947.
Anti-asthmatic preparation. Les Laboratories Dausse, Société Anonyme. 437,830, Mar. 30; Serial No. 523,969, published Jan. 6, 1948.
Antibiotic product. Wm. S. Merrell Company. 437,619, Mar. 30; Serial No. 510,820, published Dec. 16, 1947.
Antiseptic compound, Quaternary ammonium. Onyx Oil & Chemical Company. 437,514, Mar. 30; Serial No. 466,309, published Mar. 14, 1944.
Bitter-stomachic-appetizer. E. Michelotti. 437,822, Mar. 30; Serial No. 523,600, published Dec. 16, 1947.
Blue, Laundry. R. T. French Company. 437,728, Mar. 30; Serial No. 519,011, published Dec. 30, 1947.
Capsules, Multivitamin. American Cyanamid Company. 437,608, Mar. 30; Serial No. 509,388, published June 10, 1947.
Chemical adjuvant. Monsanto Chemical Company. 376,883, Apr. 9, 1940. Republished Mar. 30.
Chemical compound. Rorre-On Co. 437,647, Mar. 30; Serial No. 514,565, published Dec. 16, 1947.
Chemical, Powdered. Acme Chemical Company. 373,810, Dec. 26, 1939. Republished Mar. 30.
Chemical preparation. Watson-Park Company. 255,266, Apr. 16, 1929. Republished Mar. 30.
Chemical preservatives. Monsanto Chemical Company. 381,083, Sept. 10, 1940. Republished Mar. 30.
Chemical preserving compound. International Paint Company, Inc. 437,620, Mar. 30; Serial No. 511,224, published Dec. 23, 1947.
Chemical products. Monsanto Chemical Company. 405,045, Jan. 4, 1944. Republished Mar. 30.
Chemicals and preparations and compounds thereof. General Aniline & Film Corporation. 394,119–20, Mar. 17, 1942. Republished Mar. 30.
Chemicals and preparations and compounds thereof. General Aniline & Film Corporation. 395,983, June 23, 1942. Republished Mar. 30.
Chemicals. Liquid Conditioning Corporation. 437,639, Mar. 30; Serial No. 513,828, published Dec. 16, 1947.
Chemicals. R. T. Vanderbilt Company, Inc. 437,649, Mar. 30; Serial No. 514,734, published Dec. 23, 1947.
Clay carrier or diluent for insecticides and fungicides. R. T. Vanderbilt Company Inc. 437,791, Mar. 30; Serial No. 522,508, published Dec. 16, 1947.
Collodion. E. I. du Pont de Nemours & Company. 129,685, Mar. 9, 1920. Republished Mar. 30.
Colognes and perfumery. Campana Sales Company. 407,495, June 6, 1944. Republished Mar. 30.
Coloring matters and agents. Ciba Limited. 437,577, Mar. 30; Serial No. 505,808, published Dec. 16, 1947.
Composition for addition to molten iron and steel. G. L. Sall. 437,804, Mar. 30; Serial No. 522,903, published Dec. 23, 1947.
Compositions based on mixed amidine phosphates. American Cyanamid Company. 437,776, Mar. 30; Serial No. 521,553, published Dec. 16, 1947.
Compounds used as vulcanization accelerators. Monsanto Chemical Company. 399,228, Dec. 22, 1942. Republished Mar. 30.
Cough preparation and cold tablets, Liquid. L. Branche. 437,860, Mar. 30; Serial No. 525,293, published Jan. 6, 1948.
Cough syrup. Noramex Company. 437,621, Mar. 30; Serial No. 511,235, published Aug. 19, 1947.
Cream, and beautifier egg pack, Complexion. B. J. Cohn. 437,646, Mar. 30; Serial No. 514,468, published Dec. 30, 1947.
Creams, Face. New York Make-Up Corporation. 437,709, Mar. 30; Serial No. 518,119, published Dec. 23, 1947.
Creme, hand creme and cleansing creme, Night. Renée Frelon, Inc. 437,861, Mar. 30; Serial No. 525,311, published Dec. 23, 1947.
Derivative of atropine. Campbell Products, Inc. 437,737, Mar. 30; Serial No. 519,461, published Dec. 23, 1947.
Dyestuffs, dry, water soluble derived from coal tar and aniline, Powdered. M. F. Cushing. 437,578, Mar. 30; Serial No. 506,160, published Dec. 30, 1947.
Estrogenic substance. Hospital Liquids, Inc. 376,831, Apr. 9, 1940. Republished Mar. 30.
Extract belladonna leaves; fluid extract cottonroot bark; etc., Fluid. Schieffelin & Co. 437,833, Mar. 30; Serial No. 524,084, published Jan. 6, 1948.
Face powder, dusting powder, toilet water, etc. Yardley & Company Limited. 437,644, Mar. 30; Serial No. 514,157, published Dec. 16, 1947.
Gums and textile finishing products, Textile printing thickening. Gum Manufacturing Corp. 437,635, Mar. 30; Serial No. 513,412, published Dec. 16, 1947.
Hair preparation. L. Miller. 437,732, Mar. 30; Serial No. 519,285, published Dec. 23, 1947.
Hyaluronidase. Schering Corporation. 437,798, Mar. 30; Serial No. 522,694, published Jan. 6, 1948.
Insecticidal composition. Niagara Sprayer and Chemical Co., Inc. 437,515, Mar. 30; Serial No. 472,397, published Dec. 16, 1947.
Insecticide. Pennsylvania Salt Manufacturing Company. 437,668, Mar. 30; Serial No. 515,581, published Dec. 30, 1947.

Insecticide preparations. F. A. Hart. 437,591, Mar. 30; Serial No. 508,113, published Dec. 30, 1947.
Insecticides. California Spray-Chemical Corporation. 437,764, Mar. 30; Serial No. 520,683, published Dec. 23, 1947.
Insecticides. Chemola Manufacturing Company. 437,858, Mar. 30; Serial No. 525,195, published Dec. 23, 1947.
Iodine-adding supplement. Mallinckrodt Chemical Works. 357,787, June 14, 1938. Republished Mar. 30.
Laxative, Anti-acid. T. R. Barnes. 437,857, Mar. 30; Serial No. 525,184, published Jan. 6, 1948.
Laxative, Physiologic. Ames Company, Inc. 437,719, Mar. 30; Serial No. 518,643, published Dec. 16, 1947.
Laxative preparation. F. P. Wood. 437,806, Mar. 30; Serial No. 522,961, published Dec. 23, 1947.
Liniment. J. Bailey. 437,615, Mar. 30; Serial No. 510,051, published Jan. 6, 1948.
Liniment. P. Elle. 437,757, Mar. 30; Serial No. 520,270, published Dec. 30, 1947.
Lipstick. Gourielli, Inc. 437,745, Mar. 30; Serial No. 519,644, published Dec. 9, 1947.
Lipsticks. Lehn & Fink Products Corporation. 437,519, Mar. 30; Serial No. 484,960, published Dec. 23, 1947.
Lipsticks, lip pencils, rouge, etc. Elizabeth Arden Sales Corporation. 437,528, Mar. 30; Serial No. 491,946, published Dec. 16, 1947.
Liquid preparation. W. H. Houser. 437,551, Mar. 30; Serial No. 498,898, published Dec. 23, 1947.
Liquid preparation. Eli Lilly and Company. 224,406, renewed Jan. 5, 1948. O. G. Mar. 30.
Liquid used for preventing moth damage. F. H. Hicks. 437,587, Mar. 30; Serial No. 507,528, published June 10, 1947.
Lotion, Hand. Renée Redonnett, Inc. 437,697, Mar. 30; Serial No. 517,000, published Dec. 23, 1947.
Lotion, Hand. W. E. Rider. 437,542, Mar. 30; Serial No. 496,861, published Jan. 6, 1948.
Lotions. Campana Corporation. 376,828–9, Apr. 9, 1940. Republished Mar. 30.
Medicinal preparation. Eli Lilly and Company. 437,779, Mar. 30; Serial No. 521,585, published Dec. 30, 1947.
Medicinal preparation. Occy-Crystine Corporation. 437,775, Mar. 30; Serial No. 521,530, published Dec. 23, 1947.
Medicinal preparation for use in the treatment of Parkinson's disease. P. Nakasheff. 437,817, Mar. 30; Serial No. 523,409, published Jan. 6, 1948.
Mixture which is applied to grass. Mallinckrodt Chemical Works. 357,788, June 14, 1938. Republished Mar. 30.
Nail enamel, base and top coat. Revlon Products Corporation. 437,580, Mar. 30; Serial No. 506,549, published Jan. 6, 1948.
Nail polish. Peggy Sage, Inc. 437,665, Mar. 30; Serial No. 515,332, published Jan. 6, 1948.
Ointment. Tailby-Nason Company. 437,716, Mar. 30; Serial No. 518,374, published Dec. 16, 1947.
Ointment for poison oak and poison ivy. R. C. Martens. 437,614, Mar. 30; Serial No. 509,993, published Jan. 6, 1948.
Oleoresin pepper and turpentine ointment. Cramer Chemical Company. 437,692, Mar. 30; Serial No. 516,825, published Dec. 23, 1947.
Oxide, Cuprous. Mallinckrodt Chemical Works. 326,549, July 23, 1935. Republished Mar. 30.
Pack, Face. L. de Lescinskis. 437,571, Mar. 30; Serial No. 504,913, published Jan. 6, 1948.
Perfume, cologne and toilet water. Dermetics, Inc. 437,548, Mar. 30; Serial No. 497,706, published Mar. 18, 1947.
Perfumes. A. R. Bennett. 437,572, Mar. 30; Serial No. 505,475, published Dec. 30, 1947.
Perfumes. A. R. Bennett. 437,573–4; Mar. 30; Serial Nos. 505,478–9, published Dec. 30, 1947.
Perfumes and toilet waters. J. Crespin & M. Laurens-Frings & Cie. 437,609, Mar. 30; Serial No. 509,401, published Dec. 23, 1947.
Perfumes and toilet waters. Etablissements Rigaud, Inc. 437,663, Mar. 30; Serial No. 515,301, published Dec. 30, 1947.
Perfumes and toilet waters. Manufacturers and Importers of French Perfumes Inc. 435,105, Dec. 9, 1947. Corrected. O. G. Mar. 30.
Perfumes, cologne and toilet water. C. Caron. 437,594, Mar. 30; Serial No. 508,408, published Dec. 23, 1947.
Perfumes, cologne and toilet water. C. Caron. 437,595, Mar. 30; Serial No. 508,410, published Dec. 30, 1947.
Perfumes, cologne and toilet water. C. Caron. 437,596, Mar. 30; Serial No. 508,412, published Dec. 30, 1947.
Perfumes, toilet waters, cologne, rouge. Grenoville, Societe Anonyme. 437,678, Mar. 30; Serial No. 516,129, published Dec. 30, 1947.
Perfumes, toilet waters, colognes, etc. Les Laboratoires de la Jeunesse, S. A. R. L. 437,562, Mar. 30; Serial No. 500,673, published Dec. 23, 1947.
Perfumes, toilet waters, rouge, etc. R. J. P. Lorriaux. 437,544, Mar. 30; Serial No. 497,257, published Jan. 6, 1948.
Peroxide, Hydrogen. Mallinckrodt Chemical Works. 357,789, June 14, 1938. Republished Mar. 30.
Pharmaceutical preparation. Parke, Davis & Company. 437,565, Mar. 30; Serial No. 501,140, published Jan. 7, 1947.
Pharmaceutical preparations. M. F. C. Development Corporation. 437,686, Mar. 30; Serial No. 516,623, published Dec. 30, 1947.
Phosphate compositions. Monsanto Chemical Company. 365,395, Mar. 7, 1939. Republished Mar. 30.
Photographic developers and print straightening solutions. F. D. Fisher. 437,603, Mar. 30; Serial No. 508,841, published Dec. 30, 1947.
Poison for the extermination of ants, Liquid. F. L. Wiley. 437,632, Mar. 30; Serial No. 512,554, published Jan. 6, 1948.
Preparation and beautifier for the hair. A. Amenta. 437,865, Mar. 30; Serial No. 525,519, published Dec. 30, 1947.
Preparation containing amino acids and polypeptides, carbohydrates, vitamins, etc. Burroughs Wellcome & Co. (U. S. A.), Inc. 437,592, Mar. 30; Serial No. 508,139, published July 8, 1947.
Preparation for external application on the human skin. E. G. Mergenthaler. 437,597, Mar. 30; Serial No. 508,431, published Dec. 16, 1947.
Preparation in capsule form. G. M. Broemmel. 376,881, Apr. 9, 1940. Republished Mar. 30.
Preparation in dry powder form for the processing of textiles, etc. Wallerstein Company, Inc. 417,500, Oct. 30, 1945. Canceled Mar. 3, 1948. O. G. Mar. 30.
Preparation indicated for use in allergic conditions. Ciba Pharmaceutical Products, Inc. 437,583, Mar. 30; Serial No. 506,984, published Dec. 30, 1947.
Preparation for killing weeds. Andrew Wilson, Inc. 437,675, Mar. 30; Serial No. 515,732, published Dec. 23, 1947.
Preparation for the treatment of malaria. A. X. Beake. 437,720, Mar. 30; Serial No. 518,652, published Dec. 23, 1947.
Preparation possessing sedative and estrogenic properties. Sharp & Dohme, Incorporated. 437,855, Mar. 30; Serial No. 525,115, published Dec. 16, 1947.
Product influencing capillary fragility. Maltine Company. 437,664, Mar. 30; Serial No. 515,318, published Jan. 6, 1948.
Pteroyl tri glutamic acid. American Cyanamid Company. 437,805, Mar. 30; Serial No. 522,020, published Sept. 23, 1947.
Rosin size for sizing of paper. Hercules Powder Company. 390,238, Dec. 22, 1942. Canceled Mar. 8, 1948. O. G. Mar. 30.
Salts for electrochemical treatment of aluminum in an anodizing bath. A. R. Goodkin. 437,590, Mar. 30; Serial No. 507,900, published Jan. 6, 1948.
Sedative expectorant and tonics. Sharp & Dohme, Incorporated. 437,856, Mar. 30; Serial No. 525,117, published Dec. 16, 1947.
Shampoo. J. H. Breck. 437,883, Mar. 30.
Shampoo and hair dressing. Kay Daumit, Inc. 437,689, Mar. 30; Serial No. 516,698, published Dec. 30, 1947.
Shampoo, Liquid. Davies-Young Soap Company. 387,074, Apr. 29, 1941. Republished Mar. 30.
Shampoo, Pet. Jonay Products Inc. 437,739, Mar. 30; Serial No. 519,525, published Jan. 6, 1948.
Sodium hyposulphite. Mallinckrodt Chemical Works. 326,011, July 9, 1935. Republished Mar. 30.
Sodium ortho-iodohippurate. Mallinckrodt Chemical Works. 314,577, July 3, 1934. Republished Mar. 30.
Solution, Aqueous. Wm. S. Merrell Company. 437,651, Mar. 30; Serial No. 514,833, published Dec. 23, 1947.
Solvent liquid preparations. Petroleum Laboratories. 437,534, Mar. 30; Serial No. 494,357, published Dec. 23, 1947.
Spray for shrubs and trees. Spra-Shield Company. 437,640, Mar. 30; Serial No. 513,906, published Jan. 6, 1948.
Syrup, Cough. F. D. Naylor. 437,667, Mar. 30; Serial No. 515,578, published Dec. 23, 1947.
Tablets, Medicinal. G. D. Searle & Co. 437,660, Mar. 30; Serial No. 515,237, published Dec. 16, 1947.
Tablets, Vitamin. Lanteen Medical Laboratories, Inc. 437,625, Mar. 30; Serial No. 511,481, published Jan. 6, 1948.
Toilet preparations. Inter-Hamol S. A. 437,626, Mar. 30; Serial No. 511,559, published Dec. 16, 1947.
Toilet preparations, perfumery, and cosmetics. Les Parfums de Dana, Inc. 437,778, Mar. 30; Serial No. 521,583, published Dec. 9, 1947.
Tonic, Medicinal reconstructive and reconstituent. Aktiengesellschaft vormals B. Siegfried. 437,820, Mar. 30; Serial No. 523,502, published Jan. 6, 1948.
Vitamins and vitamin combinations. Walker Vitamin Products, Inc. 406,139, Mar. 14, 1944. Republished Mar. 30.
Wax composition. National Wax Company. 374,892, Jan. 30, 1940. Republished Mar. 30.
Wax composition. National Wax Company. 393,165–6, Jan. 27, 1942. Republished Mar. 30.
Wax composition. National Wax Company. 414,503, June 12, 1945. Republished Mar. 30.

CLASS 8

Ash receivers. Smokador Manufacturing Co., Inc. 366,910, May 2, 1939. Republished Mar. 30.
Cigarette papers cut to size. Société Anonyme d'Exploitation Des Papeteries L. Lacroix Fils. 437,593, Mar. 30; Serial No. 508,252, published Jan. 6, 1948.

Humidors. Fleming-Hall Tobacco Co., Inc. 437,606, Serial No. 509,145, published Dec. 30, 1947.
Pipes and cigar and cigarette holders, Tobacco. Ben Wade Limited. 437,601–2, Mar. 30; Serial Nos. 508,779–80, published Dec. 30, 1947.
Pipes, Smoking. M. Linkman & Company. 378,326, June 4, 1940. Republished Mar. 30.
Pipes, Tobacco. Danco Corporation. 431,153, July 8, 1947. Canceled Mar. 3, 1948. O. G. Mar. 30.

CLASS 9

Guns and parts thereof. L. C. Smith Gun Company, Incorporated. 437,751, Mar. 30; Serial No. 519,992, published Dec. 30, 1947.
Powder, Smokeless. Hercules Powder Company. 437,599, Mar. 30; Serial No. 508,655, published Nov. 18, 1947.

CLASS 10

Fertilizers and legume type seed inoculants. Illinois Agricultural Association. 437,598, Mar. 30; Serial No. 508,524, published Dec. 30, 1947.
Fertilizers, Liquid and dry. A. Oberholtz. 437,582, Mar. 30; Serial No. 506,833, published Dec. 23, 1947.
Muriate of potash. Potash Company of America. 378,313, June 4, 1940. Republished Mar. 30.
Soil conditioner. J. M. Stevenson. 437,809, Mar. 30; Serial No. 523,026, published Jan. 6, 1948.

CLASS 11

Carbon paper. Nelson-Elsmann Company. 375,576, Feb. 20, 1940. Republished Mar. 30.
Carbon papers and typewriter ribbons. Kee Lox Manufacturing Company. 388,212, June 17, 1941. Republished Mar. 30.
Inks; coatings and varnishes, etc., Rotogravure. S. T. Kantor. 437,754, Mar. 30; Serial No. 520,170, published Dec. 2, 1947.
Typewriter ribbons. Ames Supply Company. 437,731, Mar. 30; Serial No. 519,160, published Dec. 30, 1947.

CLASS 12

Boards, insulating and sound-deadening boards, composition boards, Fire-resistant building. Keasbey & Mattison Company. 380,647, Aug. 27, 1940. Republished Mar. 30.
Brick. Pacific Clay Products. 240,671, renewed Apr. 3, 1948. O. G. Mar. 30.
Fabrics, Asphalt-saturated. Minwax Company, Inc. 238,736, renewed Feb. 14, 1948. O. G. Mar. 30.
Fiberboard, Insulating. Armstrong Cork Company. 368,336, June 13, 1949. Republished Mar. 30.
Treated poles for the support of power lines and communication lines. Page & Hill Co. 392,940, Jan. 20, 1942. Republished Mar. 30.

CLASS 13

Casters, Furniture. Burns, Silver & Co. 74,433, July 13, 1909. Republished Mar. 30.
Curtains, Shower. I. B. Kleinert Rubber Company, Inc. 437,673, Mar. 30; Serial No. 515,716, published Dec. 23, 1947.
Fasteners, Separable. Talon, Inc. 394,234, Mar. 24, 1942. Republished Mar. 30.
Griddles made of magnesium. Dow Chemical Company. 437,561, Mar. 30; Serial No. 500,463, published Dec. 23, 1947.
Hardware, Builders'. Oscar C. Rixson Company. 363,297, Dec. 20, 1938. Republished Mar. 30.
Holders for foot wear. B & M Metal Products Corp. 437,616, Mar. 30; Serial No. 510,565, published Dec. 23, 1947.
Lock washers. George K. Garrett Company, Inc. 397,212, Aug. 25, 1942. Republished Mar. 30.
Pipe fittings. Northern Indiana Brass Company. 437,585, Mar. 30; Serial No. 507,271, published Dec. 23, 1947.
Screens, Fireplace. Chamberlin Company of America. 437,641, Mar. 30; Serial No. 514,008, published Dec. 23, 1947.
Screens, Fireplace. Chamberlin Company of America. 437,650, Mar. 30; Serial No. 514,744, published Dec. 23, 1947.
Utensils and containers, Kitchen. W. L. Richard. 437,517, Mar. 30; Serial No. 478,398, published Jan. 6, 1948.
Utensils, Cooking. Eastern Metal Products Co. 437,662, Mar. 30; Serial No. 515,262, published Dec. 23, 1947.
Valves and combination stop and drain valves, Stop. Hays Manufacturing Company. 437,607, Mar. 30; Serial No. 509,275, published Dec. 23, 1947.
Valves, Liquid level responsive oil control. Automatic Products Company. 378,083, May 28, 1940. Republished Mar. 30.

CLASS 14

Aluminum and aluminum alloys. Reynolds Metals Company. 437,584, Mar. 30; Serial No. 507,218, published Jan. 6, 1948.
Castings of nonferrous metal, Die. Die Casting Company. 437,653, Mar. 30; Serial No. 514,890, published Dec. 23, 1947.
Castings, Rough and semi-finished malleable iron. Eastern Malleable Iron Company. 437,701, Mar. 30; Serial No. 517,244, published Dec. 23, 1947.
Electrodes, Metallic welding. A. O. Smith Corporation. 394,190, Mar. 24, 1942. Republished Mar. 30.
Metal parts, Unfinished small molded. American Electro Metal Corporation. 437,541, Mar. 30; Serial No. 496,417, published Dec. 23, 1947.
Rolled sheets, galvanized sheets, metal sheets, etc., Hot and cold. American Rolling Mill Company. 437,605, Mar. 30; Serial No. 509,066, published Dec. 30, 1947.
Steel rods, bars, plates, etc. Crucible Steel Company of America. 437,818, Mar. 30; Serial No. 523,460, published Dec. 23, 1947.
Zinc anodes. E. I. du Pont de Nemours and Company. 437,831, Mar. 30; Serial No. 524,057, published Nov. 25, 1947.

CLASS 15

Gasoline and motor fuel oils. Pure Oil Company. 387,129, May 6, 1941. Republished Mar. 30.

CLASS 16

Floor dressing. Acme Chemical Company. 378,180, May 28, 1940. Republished Mar. 30.
Liquid preparation for surfacing, dressing, polishing and finishing floors and linoleum, etc. American Disinfecting Co., Inc. 362,154, Nov. 15, 1938. Republished Mar. 30.
Paints, varnish, lacquers, etc. F. I. Siegel & Son. 231,931, renewed Aug. 30, 1947. O. G. Mar. 30.
Paints, varnish, lacquers, etc. F. I. Siegel & Son. 232,188, renewed Sept. 6, 1947. O. G. Mar. 30.
Solvent of petroleum origin, Liquid. American Mineral Spirits Company. 388,915, July 15, 1941. Republished Mar. 30.
Waxing preparation, Combination liquid. Al A. Banks. 431,071, July 1, 1947. Canceled Mar. 3, 1948. O. G. Mar. 30.

CLASS 17

Cigarettes. Stephano Brothers. 437,774, Mar. 30; Serial No. 521,415, published Dec. 23, 1947.
Cigars. Waitt & Bond, Inc. 366,917, May 2, 1939. Republished Mar. 30.
Cigars. Waitt & Bond, Inc. 396,957, Aug. 11, 1942. Republished Mar. 30.
Smoking tobacco. Benson & Hedges. 437,803, Mar. 30; Serial No. 522,902, published Dec. 30, 1947.
Tobacco products. Tobacco Cartridge Corp. 437,824, Mar. 30; Serial No. 523,626, published Dec. 30, 1947.

CLASS 19

Braking units, Vehicle. Bendix Aviation Corporation. 394,268, Mar. 31, 1942. Republished Mar. 30.
Casters, Truck. Bassick Company. 392,398–9, Dec. 23, 1941. Republished Mar. 30.
Slip covers, Vehicle seat. Bemis Bro. Bag Company. 369,489, July 25, 1939. Republished Mar. 30.

CLASS 20

Linoleum and similar hard surface floor coverings. Armstrong Cork Company. 392,037, Dec. 2, 1941. Republished Mar. 30.
Linoleum and similar hard surface floor coverings, Ribbons or bands of. Armstrong Cork Company. 392,036, Dec. 2, 1941. Republished Mar. 30.

CLASS 21

Connectors and bonds for electrically connecting railway rails. Electric Railway Improvement Company. 375,109, Feb. 6, 1940. Republished Mar. 30.
Electrical discharge apparatus. W. N. Matthews Corporation. 386,064, Mar. 25, 1941. Republished Mar. 30.
Lighting fixtures, Electric. Benjamin Electric Manufacturing Company. 391,221, Oct. 28, 1941. Republished Mar. 30.
Lighting fixtures, Electric. Benjamin Electric Manufacturing Company. 396,083–6, June 30, 1942. Republished Mar. 30.
Lighting fixtures, Electric. Edwin F. Guth Company. 373,212, Nov. 28, 1939. Republished Mar. 30.

CLASS 22

Baseballs, croquet balls, croquet mallet tips, etc. Faultless Rubber Company. 437,886, Mar. 30.
Dolls. Hanlford Doll Products. 437,568, Mar. 30; Serial No. 503,652, published Oct. 28, 1947.
Dolls and dolls' clothes. D. Ippolito. 437,570, Mar. 30; Serial No. 504,835, published Oct. 28, 1947.
Fishing fly clips, artificial bait and spinners. Hank's Mfg. Co. 437,760, Mar. 30; Serial No. 520,390, published Oct. 28, 1947.
Fishing tackle. B. W. Bedell. 437,813, Mar. 30; Serial No. 523,135, published Oct. 28, 1947.
Toy animals and figures, Manually-operable. Kib-Itz Toy Manufacturing Company. 437,560, Mar. 30; Serial No. 500,309, published Oct. 28, 1947.
Toy tops, Plastic. Plastic Die & Tool Corporation. 437,842, Mar. 30; Serial No. 524,343, published Oct. 28, 1947.

CLASS 23

Axes, hammers, hatchets, etc. American Fork & Hoe Company. 367,104, May 9, 1939. Republished Mar. 30.
Bearings and bushings therefor, Machinery. Magnolia Metal Company. 378,303, June 4, 1940. Republished Mar. 30.
Bottle cleaning apparatus and bottle washing machinery. Michael Yundt Company. 373,688, Dec. 19, 1939. Republished Mar. 30.
Cutting and grinding machines, Metal. Niles-Bement-Pond Company. 364,488, Jan. 31, 1939. Republished Mar. 30.
Dispensing apparatus, Portable lubricant. Lincoln Engineering Company. 305,343, Aug. 15, 1933. Republished Mar. 30.
Extractors, Fruit juice. National Die Casting Company. 399,342–3, Dec. 29, 1942. Republished Mar. 30.
Fittings, Lubricant. Lincoln Engineering Company. 335,215, May 26, 1936. Republished Mar. 30.
Lift mechanism, Power. International Harvester Company. 375,737, Feb. 27, 1940. Republished Mar. 30.
Power transmissions, Electric, variable-speed. Dynamatic Corporation. 316,735, Sept. 4, 1934. Republished Mar. 30.
Tool heads of machines. Heald Machine Company. 364,194, Jan. 24, 1939. Republished Mar. 30.
Tools, Farm and garden hand. American Fork and Hoe Company. 62,551, May 14, 1907. Republished Mar. 30.
Tractors and attachments and parts thereof. International Harvester Company. 404,814, Dec. 21, 1943. Republished Mar. 30.

CLASS 25

Seals, Metallic fastening. Signode Steel Strapping Company. 399,088, Dec. 15, 1942. Republished Mar. 30.

CLASS 26

Cameras, photographic lenses, etc. M. M. Mendelsohn. 419,570, Feb. 19, 1946. Canceled Mar. 3, 1948. O. G. Mar. 30.
Instruments and apparatus for measuring the sizes and surface characteristics of articles. Greenfield Tap and Die Corporation. 405,334, Jan. 25, 1944. Republished Mar. 30.
Paper and cloth, Sensitized blue print, etc. Spaulding-Moss Company. 392,194, Dec. 16, 1941. Republished Mar. 30.
Paper, cloths, film, machines, Light-sensitive diazotype. General Aniline & Film Corporation. 393,828, Mar. 3, 1942. Republished Mar. 30.
Photographic paper, Sensitized. Agfa Ansco Corporation. 370,728–29, Sept. 5, 1939. Republished Mar. 30.
Pumps and meters, Fluid-measuring. S. F. Bowser & Company, Inc. 109,710, Apr. 18, 1916. Republished Mar. 30.

CLASS 27

Clocks, striking clocks; men's and ladies' watches. C. D. Peacock, Inc. 437,868, Mar. 30; Serial No. 525,670, published Dec. 23, 1947.
Watches and parts thereof. Parker Watch Company. 437,552–5, Mar. 30; Serial No. 499,267–70, published Dec. 23, 1947.
Watches and parts thereof. Post Watch Co., Inc. 437,763, Mar. 30; Serial No. 520,648, published Dec. 23, 1947.

CLASS 28

Bracelets. Speidel Corporation. 437,795, Mar. 30; Serial No. 522,604, published Dec. 23, 1947.
Bracelets, Charm. Midwest Consultants, Inc. 437,631, Mar. 30; Serial No. 512,438, published Jan. 6, 1948.
Brooches, ornamental clips, earrings, etc. Etablissements Uti. 437,629, Mar. 30; Serial No. 512,058, published Dec. 23, 1947.
Clips, cuff links, and other jewelry, Men's precious metal necktie. Crown Jewelry Co. 437,792, Mar. 30; Serial No. 522,531, published Dec. 23, 1947.
Earrings. J. McCann. 437,522, Mar. 30; Serial No. 487,426, published Dec. 23, 1947.
Flatware and hollowware. Watson Company. 378,954, June 25, 1940. Republished Mar. 30.
Flatware and silver plated flatware, Sterling silver. Amity Silver, Inc. 437,789, Mar. 30; Serial No. 522,174, published Dec. 23, 1947.
Jewelry. G. P. Wood. 437,652. Mar. 30; Serial No. 514,868, published Dec. 23, 1947.
Jewelry, Costume. Dippy Bug Co. 437,700, Mar. 30; Serial No. 517,240, published Jan. 6, 1948.
Jewelry findings. Philadelphia Badge Company, Inc. 437,708, Mar. 30; Serial No. 518,100, published Dec. 30, 1947.
Necklaces. S. Nathan & Company Inc. 437,808, Mar. 30; Serial No. 522,995, published Dec. 23, 1947.
Rings, earrings, bracelets, etc., Finger. H. Weinreich Company Inc. 437,746, Mar. 30; Serial No. 519,785, published Jan. 6, 1948.
Rings, earrings, brooches, etc., Finger. Ball Company. 405,356, Jan. 25, 1944. Republished Mar. 30.
Silver cigarette cases, and gold, gold filled, and sterling silver finger nail file and comb sets, Sterling. Felmore Company, Inc. 437,722, Mar. 30; Serial No. 518,757, published Jan. 6, 1948.
Watch chains and bands, Flexible metallic. Duroflex Corporation. 437,609, Mar. 30; Serial No. 515,615, published Jan. 6, 1948.

CLASS 29

Brushes, and eyebrow and eyelash brushes, Hair. D. H. Marshall. 437,841, Mar. 30; Serial No. 524,338, published Dec. 23, 1948.
Brushes, dirt picks and enclosures therefor, Ball type. Birdie-Brush Manufacturing Company. 437,624, Mar. 30; Serial No. 511,371, published Dec. 16, 1947.
Brushes, Hair. Hughes Brushes, Inc. 437,581, Mar. 30; Serial No. 506,664, published Dec. 23, 1947.
Brushes, Shaving. Peerless Brush Manufacturing Company. 437,780, Mar. 30; Serial No. 521,682, published Dec. 30, 1947.
Brushes, Toilet. M. A. Williams, Inc. 437,749, Mar. 30; Serial No. 519,847, published Dec. 23, 1947.
Brushes, Tooth. Royal Home Products, Incorporated. 437,838, Mar. 30; Serial No. 524,213, published Dec. 16, 1947.

CLASS 31

Filtration and circulation apparatus, Oil. S. F. Bowser & Company, Inc. 109,387, Apr. 4, 1916. Republished Mar. 30.

CLASS 32

Cabinets, Card filing. General Fireproofing Co. 361,895, Nov. 1, 1938. Republished Mar. 30.
Cabinets, Filing. General Fireproofing Co. 362,437, Nov. 15, 1938. Republished Mar. 30.
Cabinets, Metal filing. General Fireproofing Co. 366,936, May 2, 1939. Republished Mar. 30.
Chairs, House. S. Overby. 437,622, Mar. 30; Serial No. 511,238, published Dec. 16, 1947.
Dressers, night tables, kitchen stools, etc., Vanity. A. L. Clouse and F. J. Murphy. 437,878, Mar. 30.
Furniture, Bedroom. Compactom Limited. 437,525, Mar. 30; Serial No. 489,390, published Jan. 6, 1948.
Furniture, Living room. Hecht Co. 437,819, Mar. 30; Serial No. 523,466, published Jan. 6, 1948.
Furniture, Living room, bed room and dining room. Marshall Field & Company. 393,986, Mar. 10, 1942. Republished Mar. 30.
Furniture, Wood living room. Gilicraft Furniture Co. 437,569, Mar. 30; Serial No. 504,043, published Dec. 30, 1947.
Mattresses. C. G. Parker. 437,637, Mar. 30; Serial No. 513,762, published Dec. 30, 1947.
Mattresses, Stearns & Foster Company. 437,773, Mar. 30; Serial No. 521,414, published Dec. 30, 1947.
Mattresses. Sunrise Mattress Co., Inc. 437,767, Mar. 30; Serial No. 520,910, published Jan. 6, 1948.
Mattresses and box springs and studio couches. Gold Star Mattress, Inc. 437,642, Mar. 30; Serial No. 514,110, published Dec. 30, 1947.
Mattresses, cribs, children's play-pens, etc. National Mattress Company. 437,531, Mar. 30; Serial No. 493,448, published Jan. 6, 1948.
Mattresses, cushions and pillows, Inflatable. New York Rubber Corporation. 437,849, Mar. 30; Serial No. 524,716, published Dec. 23, 1947.
Mattresses, Pneumatic. Hodgman Rubber Company. 437,835–7, Mar. 30; Serial Nos. 524,131–33, published Dec. 9, 1947.
Pillows, mattresses and box springs. R. C. Heller Co. Inc. 437,852, Mar. 30; Serial No. 524,987, published Dec. 23, 1947.
Seats, Portable, foldable. V. Pecha. 437,828, Mar. 30; Serial No. 523,720, published Dec. 9, 1947.
Shade rollers and window shade rollers with shades mounted thereon, Window. Stewart Hartshorn Company. 437,834, Mar. 30; Serial No. 524,088, published Dec. 23, 1947.
Shades, Window. Chas. W. Breneman Co. 437,661, Mar. 30; Serial No. 515,252, published Dec. 30, 1947.
Stands, shelves, racks, etc., Display. Spring-Air Company. 437,702, Mar. 30; Serial No. 517,674, published Dec. 30, 1947.
Stands, Telephone. D. C. Rice. 437,718, Mar. 30; Serial No. 518,560, published Dec. 30, 1947.
Tables, cocktail and coffee tables, and corner shelves, Lamp. Regal Plastic Company. 437,532, Mar. 30; Serial No. 493,512, published Jan. 6, 1948.
Venetian blinds. J. Landrum. 437,882, Mar. 30.
Venetian blinds, All types. Toledo Venetian Blind Company, Incorporated. 437,657, Mar. 30; Serial No. 514,999, published Jan. 6, 1948.

CLASS 33

Glass bottles, jars, etc. Armstrong Cork Company. 377,025, Apr. 16, 1940. Republished Mar. 30.
Tableware, Glass. Pitman-Dreitzer & Co., Inc. 402,427, July 20, 1943. Republished Mar. 30.

CLASS 34

Burners, Gas. M. J. Sperling. 437,563, Mar. 30; Serial No. 500,777, published Dec. 16, 1947.
Heaters. C. M. Kimberlin. 437,537, Mar. 30; Serial No. 495,609, published Dec. 16, 1947.

Heaters, Stock tank. Mundle Manufacturing Company. 437,687, Mar. 30; Serial No. 516,627, published Dec. 16, 1947.
Heating, ventilating and air conditioning apparatus. Enginaire, Inc. 437,575, Mar. 30; Serial No. 505,488, published Dec. 16, 1947.
Lamps, Oil. Rubleon. 437,523, Mar. 30; Serial No. 488,480, published Dec. 16, 1947.
Lighters, Pyrophoric and catalytic cigarette. Strathmore Co., Ltd. 437,674, Mar. 30; Serial No. 515,727, published Dec. 16, 1947.
Lighters, Pyrophoric, catalytic and pilot cigarette. Beattie Products, Inc. 402,605, Aug. 3, 1943. Republished Mar. 30.
Ranges, Gas cooking. Avco Manufacturing Corporation. 437,799, Mar. 30; Serial No. 522,712, published Dec. 16, 1947.
Ventilating fan units. American Machine and Metals, Inc. 437,557, Mar. 30; Serial No. 499,936, published Dec. 16, 1947.

CLASS 35

Belting. Quaker City Rubber Company. 232,069, Aug. 30, 1927. Corrected. O. G. Mar. 30.
Belts and belting stock, Endless conveyor. Ton-Tex Corporation. 437,797, Mar. 30; Serial No. 522,679, published Dec. 30, 1947.
Belts, Power transmission. Gates Rubber Company. 406,227, Mar. 14, 1944. Republished Mar. 30.
Belts, Power transmission. Gates Rubber Company. 407,321, May 30, 1944. Republished Mar. 30.
Gaskets for internal combustion engines and associated parts. Detroit Gasket & Manufacturing Company. 437,810–11. Mar. 30; Serial Nos. 523,033–4, published Jan. 6, 1948.
Hose, Rubber. Gates Rubber Company. 376,162, Mar. 12, 1940. Republished Mar. 30.
Seal for rotary shafts, Mechanical. Sealol Corporation. 437,684, Mar. 30; Serial No. 516,446, published Jan. 6, 1948.
Sheet packing, industrial belting, and hose. Goodall Rubber Company, Inc. 437,825, Mar. 30; Serial No. 523,662, published Jan. 6, 1948.
Tires, Pneumatic. General Tire & Rubber Company. 362,113, Nov. 15, 1938. Republished Mar. 30.
Tires, Pneumatic. General Tire & Rubber Company. 373,236, Nov. 28, 1939. Republished Mar. 30.
Tires, Pneumatic. General Tire & Rubber Company. 391,119, Oct. 21, 1941. Republished Mar. 30.

CLASS 36

Phonograph records, Mechanically grooved. Seeco Records Inc. 437,717, Mar. 30; Serial No. 518,434, published Dec. 16, 1947.
Phonograph records, Mechanically grooved. Treasurvox. 437,827, Mar. 30; Serial No. 523,717, published Jan. 6, 1948.
Phonograph records of the disc type, Mechanically grooved. Imperial Record Co. 437,695, Mar. 30; Serial No. 516,895, published Jan. 6, 1948.
Phonograph records of the mechanically grooved type. Jupiter Record Corp. 437,777, Mar. 30; Serial No. 521,578, published Jan. 6, 1948.
Phonographs and radio-phonograph combinations. Emerson Radio and Phonograph Corporation. 393,793, Mar. 3, 1942. Republished Mar. 30.
Phonographs, non-electric sound records for phonographs, etc., Non-electric. Radio Corporation of America. 437,873, Mar. 30; Serial No. 526,288, published Jan. 6, 1948.
Records, Mechanically grooved sound reproducing. Dominican Recording Co. 437,788, Mar. 30; Serial No. 522,062, published Jan. 6, 1948.

CLASS 37

File signals. George B. Graff Company. 379,134, July 2, 1940. Republished Mar. 30.
Folders, Photograph. T. R. Green. 437,881, Mar. 30.
Leatherboard and fiberboard. George O. Jenkins Company. 404,242, Nov. 16, 1943. Republished Mar. 30.
Letter openers. Spir-It, Inc. 383,489, Dec. 10, 1940. Republished Mar. 30.
Paper. Champion Paper and Fibre Company. 363,744, Jan. 3, 1939. Republished Mar. 30.
Paper, Envelope. Northwest Paper Company. 211,843, renewed Apr. 20, 1946. O. G. Mar. 30.
Paper, Printing. Champion Paper and Fibre Company. 361,278–9, Oct. 11, 1938. Republished Mar. 30.
Paper, Tissue. Crown Zellerbach Corporation. 362,592, Nov. 22, 1938. Republished Mar. 30.
Paper, Tissue. Crown Zellerbach Corporation. 362,596, Nov. 22, 1938. Republished Mar. 30.
Paper towels. Towlsaver, Inc. 437,874, Mar. 30.
Paper, Wrapping. Crown Zellerbach Corporation. 362,595, Nov. 22, 1938. Republished Mar. 30.
Paper, Wrapping. Crown Zellerbach Corporation. 368,275, June 13, 1939. Republished Mar. 30.
Papers, Book and printing. Kimberly-Clark Corporation. 364,851, Feb. 14, 1939. Republished Mar. 30.
Stapling machines and staples therefor, etc. Ace Fastener Corporation. 363,963, Jan. 17, 1939. Republished Mar. 30.
Tools for stapling paper and similar materials, Hand operated. Fastener Corporation. 402,567, Aug. 3, 1943. Republished Mar. 30.

CLASS 38

Books and pamphlets. H. R. Huntting Company. 437,853, Mar. 30; Serial No. 525,083, published Dec. 23, 1947.
Bulletin relating to industrial markets, products and services. McGraw-Hill Publishing Co., Inc. 437,832, Mar. 30; Serial No. 524,070, published Dec. 23, 1947.
Cartoon strip. J. J. Scully, Jr. 437,666, Mar. 30; Serial No. 515,335, published Jan. 6, 1948.
Column in a periodical publication. Seneca Printing Company. 437,743, Mar. 30; Serial No. 519,604, published Dec. 30, 1947.
Copies of radio broadcast, Printed. W. B. Dolph. 437,604, Mar. 30; Serial No. 508,897, published Dec. 23, 1947.
Etchings, printed etchings, greeting cards, etc. Brown & Bigelow. 312,481, May 1, 1934. Republished Mar. 30.
Magazine. Miami Visitor Publishing Company, Inc. 437,884, Mar. 30.
Magazine column. New Yorker Magazine, Inc. 437,785, Mar. 30; Serial No. 521,981, published Dec. 30, 1947.
Music printed on sheets and in books. R. F. Kerr. 437,636, Mar. 30; Serial No. 513,430, published Dec. 23, 1947.
Newspaper column. Bulletin Company. 437,738, Mar. 30; Serial No. 519,510, published Dec. 30, 1947.
Newspaper column, Name of a. E. Quinby. 437,694, Mar. 30; Serial No. 516,867, published Dec. 30, 1947.
Newspaper column published periodically. Bergen Evening Record Corporation. 437,782, Mar. 30; Serial No. 521,850, published Dec. 23, 1947.
Newspaper section or column. S. S. Himmell. 437,705, Mar. 30; Serial No. 517,909, published Dec. 23, 1947.
Newspaper supplement. World Week, Inc. 437,752, Mar. 30; Serial No. 520,004, published Dec. 30, 1947.
Newspaper, Weekly. A. S. Lawless. 437,879, Mar. 30.
Periodical. F. Sabas. 437,538, Mar. 30; Serial No. 495,628, published Dec. 23, 1947.
Periodical. Scholastic Corporation. 437,612, Mar. 30; Serial No. 509,882, published Dec. 23, 1947.
Periodical newspaper article. B. S. Hodges, Jr. 437,688, Mar. 30; Serial No. 516,693, published Dec. 23, 1947.
Periodical, Religious. Good Workers. 437,566, Mar. 30; Serial No. 501,504, published Dec. 30, 1947.
Periodicals of comic drawings, Weekly. United Feature Syndicate, Inc. 437,600, Mar. 30; Serial No. 508,757, published Dec. 23, 1947.
Pictures of Biblical scenes, pictures of Biblical figures, etc. L. J. Thomas. 437,536, Mar. 30; Serial No. 494,723, published Dec. 23, 1947.
Prints, Christmas cards, and calendars, Picture. Folly Cove Designers. 437,683, Mar. 30; Serial No. 516,405, published Jan. 6, 1948.
Publication at present published seasonally, Continuing. National Geographic Society. 437,710, Mar. 30; Serial No. 518,168, published Dec. 23, 1947.
Publication, Monthly. American Federation of Musicians, Local 802, Associated Musicians of Greater New York. 437,866, Mar. 30; Serial No. 525,523, published Dec. 23, 1947.
Publication, Monthly. Empire Statesman, Inc. 437,672, Mar. 30; Serial No. 515,703, published Jan. 6, 1948.
Publication, Monthly. Fawcett Publications, Inc. 237,451, renewed Jan. 10, 1948. O. G. Mar. 30.
Publication, Periodical. Texas Hardware Boosters Club. 437,826, Mar. 30: Serial No. 523,715, published Dec. 23, 1947.
Publications, Genuine Parts Company. 437,859, Mar. 30; Serial No. 525,211, published Dec. 23, 1947.
Section, feature or department published daily. Hearst Corporation. 437,726, Mar. 30; Serial No. 518,834, published Dec. 30, 1947.
Section of a periodical. Street & Smith Publications, Inc. 437,748, Mar. 30; Serial No. 519,842, published Dec. 30, 1947.

CLASS 39

Apparel, Ladies' maternity wearing. M. H. Fine. 437,711, Mar. 30; Serial No. 518,214, published Dec. 23, 1947.
Apparel, Women's. Extacee, Inc. 437,613, Mar. 30; Serial No. 509,980, published Dec. 16, 1947.
Belts. Stelzer Bros. Inc. 437,869, Mar. 30; Serial No. 525,699, published Dec. 30, 1947.
Belts, Apparel. Garay & Co., Inc. 437,770, Mar. 30; Serial No. 521,186, published Dec. 30, 1947.
Belts, Men's and women's plastic. Alan Plastics Corp. 437,850, Mar. 30; Serial No. 524,756, published Dec. 16, 1947.
Blouses, dresses, coats, etc., Ladies', and misses'. H. S. Ormsbee. 437,823, Mar. 30; Serial No. 523,605, published Jan. 6, 1948.
Brassières. Jaye Imôn, Inc. 437,815, Mar. 30; Serial No. 523,201, published Dec. 23, 1947.

Coats and suits, Ladies' and children's. American Woolen Company. 414,508, June 12, 1945. Republished Mar. 30.
Coats, cardigans, loafer coats, etc., Sport. Alleson Sportswear Company. 437,721, Mar. 30; Serial No. 518,740, published July 22, 1947.
Coats, Ladies'. Lou Tishman Co., Inc. 500,018, Mar. 30.
Coats, Ladies' and men's lounging. Pullman Pajamas, Inc. 437,854, Mar. 30; Serial No. 525,108, published Dec. 23, 1947.
Coats, Ladies' and misses'. Julius Nelson Corp. 437,871, Mar. 30; Serial No. 525,929, published Dec. 23, 1947.
Dresses, Children's. Sidney Fletcher & Co., Inc. 437,876, Mar. 30.
Dresses, pinafores and dresses, Children's. Ann Marilyn of California. 437,576, Mar. 30; Serial No. 505,661, published Jan. 6, 1948.
Dresses, Women's. Isaac Ginsberg & Bros. Inc. 500,016, Mar. 30.
Footwear, Women's. Frank H. Pfeiffer Co., Inc. 437,656, Mar. 30; Serial No. 514,987, published Dec. 30, 1947.
Frocks. Jacobs & Jacobs. 293,543, Apr. 26, 1932. Canceled Mar. 3, 1948. O. G. Mar. 30.
Garments, Foundation. Eddy-Form, Inc. 437,623, Mar. 30; Serial No. 511,267, published Jan. 6, 1948.
Garments, Ladies' and misses' outer. J. Rubel. 437,617, Mar. 30; Serial No. 510,618, published Dec. 16, 1947.
Girdle. Feraud & Orr. 437,783, Mar. 30; Serial No. 521,868, published Dec. 30, 1947.
Girdles. Arrow Elastic Fabric Co. 437,588, Mar. 30; Serial No. 507,563, published Jan. 6, 1948.
Girdles, and pantie girdles, Ladies'. Freeman Manufacturing Company. 437,535, Mar. 30; Serial No. 494,496, published Jan. 6, 1948.
Gloves, sweaters, Cardigans, etc., Fabric. I. & R. Morley, Limited. 437,714, Mar. 30; Serial No. 518,311, published Dec. 23, 1947.
Handkerchiefs. Glendinning, McLeish & Co. Inc. 437,744, Mar. 30; Serial No. 519,643, published Dec. 16, 1947.
Handkerchiefs. Glendinning, McLeish & Co. Inc. 437,747, Mar. 30; Serial No. 519,811, published Dec. 16, 1947.
Handkerchiefs, scarfs and bathing suits. R. W. Eldridge Co., Inc. 437,756, Mar. 30; Serial No. 520,269, published Jan. 6, 1948.
Hats and hat bodies, Women's. Merrimac Hat Corporation. 437,867, Mar. 30; Serial No. 525,644, published Dec. 16, 1947.
Hats, dresses, blouses, etc., Women's and misses'. Saks & Company. 437,690, Mar. 30; Serial No. 516,733, published Jan. 6, 1948.
Hats, Ladies'. Brae-Burn Hat Co., Inc. 500,022, Mar. 30.
Hats, Men's. Bond Stores, Incorporated. 437,768, Mar. 30; Serial No. 520,928, published Jan. 6, 1948.
Hats, Women's. Marshall Field & Company. 393,684, Feb. 24, 1942. Republished Mar. 30, 1948.
Hosiery. Bryan Full Fashioned Mills, Inc. 402,675, Aug. 10, 1943. Republished Mar. 30.
Hosiery. Julius Kayser & Co. 437,529, Mar. 30; Serial No. 492,712, published Jan. 6, 1948.
Hosiery. Northmont Hosiery Corporation. 363,463–5. Dec. 27, 1938. Republished Mar. 30.
Hosiery for women. Mutual Hosiery Corp. 437,706, Mar. 30; Serial No. 518,028, published Dec. 16, 1947.
Hosiery, Women's. Julius Kayser & Co. 437,516, Mar. 30; Serial No. 476,436, published Feb. 26, 1946.
Jackets, Infants' and children's, leather. Rubin Grais & Sons. 437,567, Mar. 30; Serial No. 502,574, published Jan. 6, 1948.
Lingerie. Train-Ellis, Inc. 437,685, Mar. 30; Serial No. 516,512, published Dec. 30, 1947.
Moccasins for men and children, Leather. Hammond Moccasins, Inc. 437,586, Mar. 30; Serial No. 507,394, published Dec. 23, 1947.
Neckties. France Neckwear Co., Inc. 437,712, Mar. 30; Serial No. 518,215, published Dec. 23, 1947.
Neckties. M. & W. Thomas Corp. 375,692, Feb. 27, 1940. Republished Mar. 30.
Neckties and mittens. M. W. Edmiston. 437,750, Mar. 30; Serial No. 519,932, published Dec. 16, 1947.
Outer apparel, Women's. Marshall Field & Company. 377,082, Apr. 16, 1940. Republished Mar. 30.
Outershirts, outer shorts, and under shorts, etc., Men's and boys'. Ilego Fabrics, Inc. 437,765, Mar. 30; Serial No. 520,806, published Dec. 30, 1947.
Overcoats and topcoats, Men's and young men's. Rosenberg, Lieblich & Frank. 437,843, Mar. 30; Serial No. 524,349, published Dec. 16, 1947.
Pajamas, slips, nightgowns, etc., Ladies'. D. Sanders. 437,807, Mar. 30; Serial No. 522,971, published Jan. 6, 1948.
Petticoats, slips, nightgowns, etc., Ladies' and misses'. Baronet Co. 437,759, Mar. 30; Serial No. 520,371, published Dec. 30, 1947.
Raincoats, mackinaws, sport coats, etc. B. Altman & Co. 437,691, Mar. 30; Serial No. 516,751, published Dec. 23, 1947.
Sandals and light overshoes. Plasti Industries, Inc. 437,698, Mar. 30; Serial No. 517,156, published Jan. 6, 1948.
Shirts, Men's. F. Jacobson & Sons, Inc. 437,816, Mar. 30; Serial No. 523,226, published Dec. 23, 1947.
Shirts, pajamas, shorts, etc., Men's and boys'. L. E. Gelbert. 437,821, Mar. 30; Serial No. 523,578, published Dec. 16, 1947.
Shoes. American Shoe Company, Incorporated. 437,851, Mar. 30; Serial No. 524,758, published Dec. 23, 1947.
Shoes. Chaussures Le Trappeur. 437,740, Mar. 30; Serial No. 519,548, published Dec. 30, 1947.
Shoes. Julian & Kokenge Co. 437,729, Mar. 30; Serial No. 519,019, published Dec. 30, 1947.
Shoes. Newton Elkin Shoe Company. 437,634, Mar. 30; Serial No. 512,923, published Jan. 6, 1948.
Shoes. Penobscot Shoe Company. 437,707, Mar. 30; Serial No. 518,033, published Dec. 30, 1947.
Shoes. H. O. Rondeau Shoe Co. Inc. 437,840, Mar. 30; Serial No. 524,323, published Dec. 16, 1947.
Shoes. Senack Shoe Company. 328,659, Oct. 1, 1935. Republished Mar. 30, 1948.
Shoes. Valley Shoe Corporation. 437,630, Mar. 30; Serial No. 512,219, published Nov. 25, 1947.
Shoes and ice skating shoes, Roller skating. L. N. Schwartz & Sons, Inc. 437,527, Mar. 30; Serial No. 490,332, published Dec. 23, 1947.
Shoes and slippers, Men's and boys'. Desco Shoe Corporation. 437,530, Mar. 30; Serial No. 493,050, published Jan. 6, 1948.
Shoes, slippers, boots, and moccasins for children. Mrs. Day's Ideal Baby Shoe Company, Inc. 437,633, Mar. 30; Serial No. 512,646, published Jan. 6, 1948.
Shoes, Women's. Marx & Newman Company, Inc. 437,670, Mar. 30; Serial No. 515,666, published Jan. 6, 1948.
Slips, nightgowns, and pajamas, Women's. South Seas Trading Corp. 437,611, Mar. 30; Serial No. 509,681, published Dec. 23, 1947.
Soles and heels. Hungarian Rubber Goods Factory Limited. 437,742, Mar. 30; Serial No. 519,583, published Dec. 30, 1947.
Sportswear. C. H. Masland & Sons. 437,771, Mar. 30; Serial No. 521,199, published Jan. 6, 1948.
Sportswear, Men's and boys'. R. Secatore. 437,784, Mar. 30; Serial No. 521,934, published Dec. 16, 1947.
Sportswear, Men's and women's. Bunny Knit Sportswear. 437,734, Mar. 36; Serial No. 519,315, published Dec. 16, 1947.
Suits, woven fabric coats, dresses, etc., Girls', misses', and women's. Bond Stores, Incorporated. 437,870, Mar. 30; Serial No. 525,778, published Jan. 6, 1948.
Sweaters, Men's, women's, and boys'. North American Knitting Company. 437,658, Mar. 30; Serial No. 515,039, published Dec. 16, 1947.
Sweaters, swim suits, sport jackets, etc. Cardean Knitwear Company. 437,753, Mar. 30; Serial No. 520,144, published Jan. 6, 1948.
Togs, Children's, boys', youths', girls', and misses' play and school. Winner, Inc. 437,736, Mar. 30; Serial No. 519,367, published Dec. 23, 1947.
Trouser-supporting belts, garters, and suspenders. Pioneer Suspender Company. 380,699, Aug. 27, 1940. Republished Mar. 30.
Undergarments for women. Jack Rappaport Co., Inc. 437,733, Mar. 30; Serial No. 519,295, published Jan. 6, 1948.
Undergarments, Ladies'. Eye-Ful Lingerie Inc. 437,755, Mar. 30; Serial No. 520,206, published Jan. 6, 1948.
Underwear, foundation garments, nightgowns, etc., Women's, misses', and girls'. Laurel Intimates, Inc. 437,520, Mar. 30; Serial No. 486,000, published May 27, 1947.

CLASS 40

Shoe horns and shoe laces. Regal Shoe Company. 380,803, Sept. 3, 1940. Republished Mar. 30.
Shoe laces. Thomas Taylor & Sons, Inc. 394,226, Mar. 24, 1942. Republished Mar. 30.

CLASS 41

Umbrellas, Collapsible pocket. Frankford Umbrella Manufacturing Company. 500,020, Mar. 30.

CLASS 42

Cloth, Knitted. Adler Underwear & Hosiery Mfg. Co. 214,002, June 8, 1926. Republished Mar. 30.
Cloths and stuffs of wool, worsted, or hair. Darley Mills Company, Limited. 437,610, Mar. 30; Serial No. 509,402, published Dec. 9, 1947.
Cotton duck. Mount Vernon-Woodberry Cotton Duck Company. 65,947, Oct. 29, 1907. Republished Mar. 30.
Cotton duck. Mount Vernon-Woodberry Cotton Duck Company. 66,026, Nov. 5, 1907. Republished Mar. 30.
Cotton-duck. Mount Vernon-Woodberry Cotton Duck Company. 66,051, Nov. 5, 1907. Republished Mar. 30.
Cotton-duck. Mount Vernon-Woodberry Cotton Duck Company. 66,471, Dec. 3, 1907. Republished Mar. 30.
Curtains, Lace. Marshall Field & Company. 393,190, Jan. 27, 1942. Republished Mar. 30.
Fabric in the piece, Elastic corset. Archer Rubber Company. 437,543, Mar. 30; Serial No. 496,945, published Jan. 6, 1948.

Fabric in the piece, Elastic corset. Archer Rubber Company. 437,545, Mar. 30; Serial No. 497,442, published Jan. 6, 1948.
Fabrics in the piece, Knitted. Security Mills, Inc. 437,793, Mar. 30; Serial No. 522,555, published Dec. 23, 1947.
Fabrics in the piece, Textile. D. B. Fuller & Co., Inc. 437,794, Mar. 30; Serial No. 522,556, published Dec. 30, 1947.
Fabrics in the piece, Woven woolen and worsted. Wanskuck Company. 500,017, Mar. 30.
Fabrics, Textile. Celanese Corporation of America. 437,547, Mar. 30; Serial No. 497,046, published Jan. 6, 1948.
Fabrics, Textile. Janshaw Fabrics Inc. 437,627, Mar. 30; Serial No. 511,682, published Jan. 13, 1948.
Piece goods. B. Altman & Co. 437,496, Mar. 30; Serial No. 516,945, published Dec. 30, 1947.
Piece goods. Jacqmar Limited. 437,679, Mar. 30; Serial No. 516,133, published Jan. 6, 1948.
Piece goods. Riverside & Dan River Cotton Mills, Inc. 437,521, Mar. 30; Serial No. 486,119, published Jan. 13, 1948.
Piece goods. M. & W. Thomas Corp. 373,711, Dec. 19, 1939. Republished Mar. 30, 1948.
Piece goods. Unidos Incorporated. 437,790, Mar. 30; Serial No. 522,332, published Dec. 23, 1947.
Piece goods, Cotton. Clifton Manufacturing Company. 500,015, Mar. 30.
Piece goods, Woolen. American Woolen Company. 405,680, Feb. 15, 1944. Republished Mar. 30, 1948.
Piece goods, Woolen. Cascade Woolen Mill. 500,013, Mar. 30.
Rayon, cotton, linen, etc., goods in the piece. Martin Weiner Corp. 500,019, Mar. 30.
Rugs, Tufted cotton. Belrug Mill Inc. 437,645, Mar. 30; Serial No. 514,172, published Dec. 23, 1947.
Sheets and pillowcases. Marshall Field & Company. 366,894, May 2, 1939. Republished Mar. 30.
Suitings in the piece, Worsted. Anglo Fabrics Company, Inc. 437,880, Mar. 30.
Unit assemblies consisting of a length of piece goods, trimming materials, and a pattern. Fabrics-Lace, Inc. 500,021, Mar. 30.

CLASS 43

Thread. Gardiner Hall Jr. Company. 229,561, renewed June 28, 1947. O. G. Mar. 30.
Thread and yarns. Monsanto Chemical Company. 437,781, Mar. 30; Serial No. 521,748, published Jan. 13, 1948.

CLASS 44

Abrading instrument, Finger nail. St. Louis Tool Company. 437,564, Mar. 30; Serial No. 501,134, published Dec. 23, 1947.
Acoustic instruments, Medical. L. A. Watson. 361,388, Oct. 18, 1938. Republished Mar. 30.
Atomizers. Xpray Corporation. 437,762, Mar. 30; Serial No. 520,488, published Jan. 6, 1948.
Bottles, breast pumps, bulb syringes, etc., Baby hot water. Faultless Rubber Company. 437,877, Mar. 30.
Bottles, fountain syringes, and combination water bottle and fountain syringes, etc., Water. Armstrong Cork Company. 404,945, Dec. 28, 1943. Republished Mar. 30.
Closures and components of closures. Don Baxter, Inc. 437,618, Mar. 30; Serial No. 510,645, published Dec. 23, 1947.
Denture acrylic material. Motloid Company. 437,512. Mar. 30; Serial No. 463,382, published Nov. 30, 1943.
Dispenser, Container. Don Baxter, Inc. 437,839, Mar. 30; Serial No. 524,239, published Dec. 23, 1947.
Dispensers. R. L. Hedenkamp. 437,786, Mar. 30; Serial No. 522,003, published Dec. 23, 1947.
Dressings, surgical sponges, and surgical packs. Surgical. Johnson & Johnson. 437,676, Mar. 30; Serial No. 515,764, published Dec. 23, 1947.
Feeding device, Baby. H. M. Hinteman. 437,735, Mar. 30; Serial No. 519,328, published Dec. 30, 1947.
Holder for intra-oral dental X-ray film. H. G. Greene. 437,715, Mar. 30; Serial No. 518,353, published Dec. 23, 1947.
Holder for nursing bottles. V. B. Stammer. 437,677, Mar. 30; Serial No. 515,965, published Jan. 6, 1948.
Massage rollers and exercisers and arch supports. Foot. J. Eldredge. 437,704, Mar. 30; Serial No. 517,891, published Jan. 6, 1948.
Massaging apparatus, Body. B. London. 437,682, Mar. 30; Serial No. 516,363, published Jan. 6, 1948.
Nursing units and parts thereof. Disposable Bottle Corporation. 437,533, Mar. 30; Serial No. 493,668, published Dec. 23, 1947.
Thermometers, Clinical. Maarten van der Reis Company, Inc. 437,829, Mar. 30; Serial No. 523,900, published Dec. 30, 1947.
Transfusion sets, Blood. Hospital Liquids, Inc. 379,042, June 25, 1940. Republished Mar. 30.

CLASS 45

Beverage, Nonalcoholic, maltless. L. C. Ward. 363,736, Jan. 3, 1939.
Beverages, Non-intoxicating, non-alcoholic, non-cereal, maltless. I. B. C. Root Beer Company. 392,962, Jan. 20, 1942. Republished Mar. 30.
Syrups, extracts and concentrates, Chocolate. Chocolate Products Company. 339,718, Oct. 20, 1936. Republished Mar. 30.
Syrups, Fountain. Blanke-Baer Extract & Preserving Company. 393,518, Feb. 17, 1942. Republished Mar. 30.

CLASS 46

Candy. John Mackintosh & Sons Ltd., Inc. 379,779, July 23, 1940. Republished Mar. 30.
Candy. R. W. Rogers. 432,760, Sept. 9, 1947. Canceled Mar. 3, 1948. O. G. Mar. 30.
Canned fruits and vegetables. Kroger Co. 437,648, Mar. 30; Serial No. 514,657, published Dec. 16, 1947.
Canned fruits, canned fruit juices, canned fish, etc. Hunt Brothers Packing Company. 437,875, Mar. 30.
Canned mixed vegetable juices. Oelerich & Berry Company. 389,032, July 22, 1941. Republished Mar. 30.
Canned mushrooms. Keystone Mushroom Company. 437,643, Mar. 30; Serial No. 514,119, published Dec. 23, 1947.
Chicken tamale, chili con carne, enchiladas, etc. Workman Packing Company. 259,805, Aug. 6, 1929. Republished Mar. 30.
Extracts, Food flavoring. David Michael & Co. 407,356, May 30, 1944. Republished Mar. 30.
Flour, Wheat. Charleston Milling Company. 349,513, Aug. 31, 1937. Republished Mar. 30.
Flour, Wheat. M. McOneal. 405,666, Feb. 15, 1944. Republished Mar. 30.
Flours, Prepared. Modern Maid Food Products. 363,265, Dec. 20, 1938. Republished Mar. 30.
Food flavorings, Imitation. American Laboratories, Incorporated. 437,699, Mar. 30; Serial No. 517,227, published Dec. 16, 1947.
Fruits, Fresh deciduous. Hotchkiss Fruit Exchange. 437,872, Mar. 30; Serial No. 526,230, published Dec. 9, 1947.
Milk, Evaporated. R. B. Page. 225,709, renewed Mar. 22, 1947. O. G. Mar. 30.
Sauce, Pepper. B. F. Trappey & Sons. 230,395, renewed July 19, 1947. O. G. Mar. 30.
Seed and song food, Bird. American Bird Products, Inc. 348,891, Aug. 17, 1937. Republished Mar. 30.
Shortening, Bulk vegetable. Procter & Gamble Company. 308,251, Nov. 28, 1933. Republished Mar. 30.

CLASS 47

Vermouths. Vernat, Inc. 391,080, Oct. 21, 1941. Republished Mar. 30.

CLASS 48

Beer. Minneapolis Brewing Company. 379,036, June 25, 1940. Republished Mar. 30.
Beer, ale, porter, and stout. P. Ballantine & Sons. 366,888, May 2, 1939. Republished Mar. 30.

CLASS 49

Whiskey. Bushmill Wine & Products Company, Inc. 314,614, July 3, 1934. Republished Mar. 30.

CLASS 50

Plastic compositions in the form of sheets or films. Monsanto Chemical Company. 365,396, Mar. 7, 1939. Republished Mar. 30.
Upholstery material, Artificial leather. Seaman Paper Company. 393,517, Feb. 17, 1942. Republished Mar. 30.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 30TH DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Rachlin, Maurice, Flushing, N. Y. Brooklyn, assignor to Max Rachlin, formed thereby. Making downspout hooks and articles Re. 22,992, Mar. 30.

Rachlin, Max, assignee: *See*— Rachlin, Maurice.

LIST OF DESIGN PATENTEES

Amyot, Pierre, Quebec, Quebec, Canada. Brassière. 149,102, Mar. 30.
Atkins, Allen L., Chicago, Ill. Necktie rack. 149,103, Mar. 30.
Baratelli, Charles A., Cambridge, T. W. F. Chin, Chelsea, H. A. Marsh, Brookline, assignors to Polaroid Corporation, Cambridge, Mass. Automotive visor or similar article. 149,104, Mar. 30.
Barnett, Burton J., Los Angeles, Calif. Grooming tray. 149,105, Mar. 30.
Baxter, Clement T.: *See*— Poor, Joseph F., and Baxter.
Berlin, Irving: *See*— McCann, DeWitt, Berlin, and Graham.
Berman, Esther, Chicago, Ill., now by judicial change of name Esther Berryman. Educational appliance. 149,106, Mar. 30.
Berryman, Esther, by judicial change of name: *See*— Berman, Esther.
Biva, Lucien, Catskill, assignor to E. F. Timme & Son, New York, N. Y. Rug. 149,107, Mar. 30.
Breslow, Leon, New York, N. Y. Baby bottle holder. 149,108, Mar. 30.
Butler, Arvilla K., assignee, et al.: *See*— Potts, Clifford.
Butler, Louis A., assignee, et al.: *See*— Potts, Clifford.
Byrnes, Harold J.: *See*— Gallegos, Louis D., and Byrnes.
Celander, Phillip A., Freeport, Ill., assignor to First Industrial Corporation, Wilmington, Del. Electric switch housing. 149,109, Mar. 30.
Chin, Thomas W. F.: *See*— Baratelli, Charles A., Chin, and Marsh.
Christmas, William T., University City, assignor to The Wallace Corporation, St. Louis County, Mo. Multiple clothespin block. 149,110, Mar. 30.
Coble, Wayne H., Ann Arbor, Mich. Clothespin. 149,111, Mar. 30.
Consolidated Molded Products Corporation, assignee: *See*— Jones, William T.
Coro, Inc., assignee: *See*— Katz, Adolph.
Cory Corporation, assignee: *See*— Richards, Harper.
Darby, Albert S., Big Spring, Tex. Shoe rack. 149,112, Mar. 30.
Dille, John F., Evanston, Ill. Pistol. 149,113, Mar. 30.
Dion, William A., North Attleboro, Mass., assignor to Evans Case Co. Receptacle for cosmetics and other articles. 149,114, Mar. 30.
Eastern Metal Products Co., assignee: *See*— Troy, Arnold.
Evans Case Co., assignee: *See*— Dion, William A.
First Industrial Corporation, assignee: *See*— Celander, Phillip A.
Fowler, Charles A., Los Angeles, Calif. Heater. 149,115, Mar. 30.
Free Sewing Machine Co., assignee: *See*— Nessen, Walter F. Reinecke, Jean O.
Fuller Brush Company, The, assignee: *See*— Le Febvre, Alfred L.
Funfrock, John G., Morgantown, W. Va. Transparent paper weight. 149,116. Mar. 30.
Funfrock, John G., Morgantown, W. Va. Transparent paper weight. 149,117, Mar. 30.
Gallegos, Louis D., and H. J. Byrnes, Los Angeles, Calif. Puzzle game board. 149,118, Mar. 30.
Geldhof, Peter E., assignor to Nineteen Hundred Corporation, St. Joseph, Mich. Washing machine or similar article. 149,119, Mar. 30.
Gluhareff, Michael E.: *See*— Katzenberger, Edward F., and Gluhareff.
Golden, A. George, Brooklyn, N. Y. Picture frame. 149,120, Mar. 30.
Golden, A. George, Brooklyn, N. Y. Picture frame. 149,121, Mar. 30.
Goodwin, Grant M., San Francisco, Calif. Automobile tailpipe extension. 149,122, Mar. 30.
Graham, Frank L.: *See*— McCann, DeWitt, Berlin, and Graham.
Grey, Ira J., New York, N. Y. Photographic film viewer. 149,123, Mar. 30.
Hewitt, Norman E., Sunbury-on-Thames, England. Spot lamp or similar article. 149,124, Mar. 30.
Imperial Pearl Co., Inc., assignee: *See*— Pearsall, Frederick J.
Johns, Juliana G., Orange, N. J. Novelty soap and wash cloth display device. 149,125, Mar. 30.
Jones, William T., assignor to Consolidated Molded Products Corporation, Scranton, Pa. Combined shrine or similar article and case therefor. 149,126, Mar. 30.
Karstadt, Clarence, Glen Ellyn, Ill., assignor to Noblitt-Sparks Industries, Incorporated, Columbus, Ind. Toaster. 149,127, Mar. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or similar article. 149,128, Mar. 30.
Katz, Benjamin, New York, N. Y. Trundle toy or similar article. 149,129, Mar. 30.
Katzenberger, Edward F., and M. E. Gluhareff, Bridgeport, assignors to United Aircraft Corporation, East Hartford, Conn. Helicopter. 149,130, Mar. 30.
Kende, George, assignor to Universal Camera Corporation, New York, N. Y. Cabinet for sound reproducing devices. 149,131, Mar. 30.
Kende, George, assignor to Universal Camera Corporation, New York, N. Y. Cabinet for sound reproducing devices. 149,132, Mar. 30.
Kisling, Jacob W., St. Louis County, Mo. Air circulator. 149,133, Mar. 30.
Lazier, Harry, assignee: *See*— Saffron, Abraham.
Le Febvre, Alfred L., Windsor, assignor to The Fuller Brush Company, Hartford, Conn. Floor brush. 149,134, Mar. 30.
Marsh, Harold A.: *See*— Baratelli, Charles A., Chin, and Marsh.
McCann, DeWitt, I. Berlin, and F. L. Graham, Los Angeles, Calif. Garden tool rack. 149,135, Mar. 30.
Moore, Joseph R., Fort Worth, Tex. Fishing lure. 149,136, Mar. 30.
Nessen, Walter F., Prospect Heights, assignor to Free Sewing Machine Co., Rockford, Ill. Sewing machine head. 149,137, Mar. 30.
Newhall, John K., Aurora, Ill. Stock tank heater. 149,138, Mar. 30.
Nineteen Hundred Corporation, assignee: *See*— Geldhof, Peter E.
Noblitt-Sparks Industries, Incorporated, assignee: *See*— Karstadt, Clarence.
Ohio Porcelain Company: *See*— Potts, Clifford.
Parker, Ralph A., Melrose, Mass. Man's athletic shoe or similar article. 149,139. Mar. 30.
Pearsall, Frederick J., Clayville, assignor to Imperial Pearl Co., Inc., Providence, R. I. Lapel pin. 149,140, Mar. 30.
Polaroid Corporation, assignee: *See*— Baratelli, Charles A., Chin, and Marsh.
Pollock, Albert E., New York, N. Y. List finder. 149,141, Mar. 30.
Poor, Joseph F., Wenham, and C. T. Baxter, Beverly, assignors to Salem Manufacturing Company, Salem, Mass. Fluorescent desk lamp. 149,142, Mar. 30.
Potter, Bill J., Fort Worth, Tex. Ash tray. 149,143, Mar. 30.
Potts, Clifford, assignor to L. A. and A. A. Butler, doing business as Ohio Porcelain Company, Zanesville, Ohio. Wall vase or article of similar nature. 149,144, Mar. 30.
Reinecke, Jean O., Oak Park, assignor to Free Sewing Machine Co., Rockford, Ill. Sewing machine head. 149,145, Mar. 30.

Richards, Harper, assignor to Cory Corporation, Chicago, Ill. Automatic beverage producer. 149,146, Mar. 30.
Russell, Alfred R., Grosse Pointe Park, Mich. Automobile hood ornament. 149,147, Mar. 30.
Saffron, Abraham, assignor of one-half to H. Lazier, Pittsburgh, Pa. Cigarette lighter. 149,148, Mar. 30.
Salem Manufacturing Company, assignee: *See*—
Poor, Joseph F., and Baxter.
Schaeffer, Jacob H., New York, N. Y., assignor to Shiman Bros. & Co. Inc. Gem setting or similar article. 149,149, Mar. 30.
Schwartz, Ernest, New York, N. Y. Ear muff. 149,150, Mar. 30.
Shiman Bros. & Co. Inc., assignee: *See*—
Schaeffer, Jacob H.
Southworth, Pierre D., Sturgeon Bay, Wis. Animal watering pan. 149,151, Mar. 30.
Thompson, William H., Detroit, Mich. Trolling reel. 149,152, Mar. 30.
Timme, E. F., & Son, assignee: *See*—
Biva, Lucien.
Troy, Arnold, Scarsdale, assignor to Eastern Metal Products Co., Tuckahoe, N. Y. Electric iron. 149,153, Mar. 30.
United Aircraft Corporation, assignee: *See*—
Katzenberger, Edward F., and Gluhareff.
Universal Camera Corporation, assignee: *See*—
Kende, George.
Wallace Corporation, The, assignee: *See*—
Christmas, William T.
Wallace, R., & Sons Manufacturing Company, assignee: *See*—
Warren, William S.
Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 149,154, Mar. 30.
Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 149,155, Mar. 30.
Weatherington, Linn J., Los Angeles, Calif. Golf club head. 149,156, Mar. 30.
White, Al B., assignor to Al B. White Manufacturing Co., Inc., Freeport, N. Y. Sulky. 149,157, Mar. 30.
White, Al B., Manufacturing Co., Inc., assignee: *See*—
White, Al B.
Wilber, Bernard M., Berkeley, Calif. Life preserver. 149,158, Mar. 30.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 30TH DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Ablah, Frank J., assignee: *See*—
McMillan, James O.
Air Preheater Corporation, The, assignee: *See*—
Gates, Robert M.
Albertson, Victor N., Minneapolis, Minn. Auto parts washer. 2,438,654, Mar. 30.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. High-frequency wave transmitting apparatus. 2,438,735, Mar. 30.
Allen, Sidney: *See*—
Lindsey, William H., and Allen.
Allis-Chalmers Manufacturing Company, assignee: *See*—
Harrer, Paul H.
American Chemical Paint Company, assignee: *See*—
Jones, Franklin D.
Sprunance, Frank P., Jr.
American Crucible Co., assignee: *See*—
Hubbell, George T.
American Instrument Co., Inc., assignee: *See*—
Meigs, Douglas P.
Anderson, Frank J., and D. R. Williams, assignors to Monolith Portland Midwest Company, Laramie, Wyo. Making alumina utilizing kaolin, marl, and related materials. 2,438,488, Mar. 30.
Anderson, Gordon R., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Axial air gap machine. 2,438,629, Mar. 30.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Articulated ice tray grid. 2,438,487, Mar. 30.
Andress, Harry J., Jr.: *See*—
Reiff, Orland M., and Andress.
Andrew Corporation, assignee: *See*—
Andrew, Victor J.
Andrew, Victor J., assignor, by mesne assignments, to Andrew Corporation, Chicago, Ill. Cable terminal. 2,438,489, Mar. 30.
Andrews, Douglas H., Jr., West Hartford, and D. E. Lipfert, Meriden, assignors, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Throttle control system. 2,438,690, Mar. 30.
Arave, Franklin M., and T. W. Nolan; said Arave and said Nolan assignors of one-third to A. A. Foote, and said Nolan assignor of one-third to M. J. Bell, Lava Hot Springs, Idaho. Refuse cart. 2,438,596, Mar. 30.
Archer, James O., Burbank and D. S. Salmi, Glendale, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Tool and method for dimpling. 2,438,837, Mar. 30.
Armantrout, Kenneth M., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission control mechanism. 2,438,691, Mar. 30.
Armstrong Siddeley Motors Limited, assignee: *See*—
Lindsey, William H., and Allen.
Ashford, James L., and W. A. Billings, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Welding control system. 2,438,490, Mar. 30.
Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Thread finger for shoe sewing machines. 2,438,491, Mar. 30.
Askers, William N.: *See*—
MacDonald, Harry F., and Askers.
Atlantic Carton Corporation, assignee: *See*—
Whitehead, Earl B.
Avison, Anthony W. D., F. Bergel, and J. W. Haworth, Welwyn Garden City, England, assignors, by mesne assignments, to Hoffmann-La Roche Inc., Nutley, N. J. 2 - carbalkoxy - 3 - keto - tetrahydrothiophene process. 2,438,808, Mar. 30.
Ayers, Fred L., Waltham, Mass. Innersole and making the same. 2,438,870, Mar. 30.
Bach, Niels B.: *See*—
Jakobsen, J. G.
Bagge, Knj, Sunland, Calif. Portable small hand tool vise. 2,438,797, Mar. 30.
Baillie, Samuel, New Invention, Willenhall, England. Chuck device, particularly for coal cutting machines. 2,438,774, Mar. 30.
Baird Machine Company, The, assignee: *See*—
Lewis, Arthur J.
Ballard, Seaver A., Oakland, and D. E. Winkler, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of thiophenols. 2,438,838, Mar. 30.
Banta, Henry M., assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Manufacture of strain-insensitive steel. 2,438,798, Mar. 30.
Barker, Norris, Johannesburg, Transvaal, Union of South Africa. Stretching or shaping socks and similar foot coverings. 2,438,531, Mar. 30.
Barks, William, assignor to Clifford C. Stone, Detroit, Mich. Toolholder. 2,438,630, Mar. 30.
Barry, Arthur J., assignor to The Dow Chemical Company, Midland, Mich. Higher alkoxy-silicon halides. 2,438,736, Mar. 30.
Barth, Theodore H., New York, N. Y., assignor to United States of America, as represented by the Secretary of the Navy. Synchronizing bomb sight. 2,438,532, Mar. 30.
Bascom, Henry M., New York, R. F. Massonneau, Scarsdale, B. Ostendorf, Jr., Jamaica, and W. T. Rea, Manhasset, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,438,492, Mar. 30.
Batina, Charles C., Chicago, Ill. Door and latch for tumbler washers. 2,438,597, Mar. 30.
Batina, Charles C., Chicago, Ill. Tumbling drum for laundry machines. 2,438,737, Mar. 30.
Bauer, Harold E.: *See*—
Rodack, James, and Bauer.
Beaufrere, Albert H.: *See*—
Rockwell, Albert M., and Beaufrere.
Becker, Milton, Passaic, N. J. Secret pocket billfold. 2,438,655, Mar. 30.
Beeh, Louis, Long Meadow, Mass., assignor to Bulova Watch Company, Inc., New York, N. Y. Plunger. 2,438,839, Mar. 30.
Bell, Marian J., assignee, et al.: *See*—
Arave, Franklin M., and Nolan.
Bell Telephone Laboratories, Incorporated, assignee: *See*—
Bascom, Henry M., Massonneau, Ostendorf, and Rea.
McMahon, William.
Sharpless, William M.
Bell, Thomas J., Island Grove, Fla. Celery cutter. 2,438,598, Mar. 30.
Belmont Radio Corporation, assignee: *See*—
Marholz, Richard C.
Olesky, Anthony P.
Bendix Aviation Corporation, assignee: *See*—
Fox, Kenneth H.
Bendix-Westinghouse Automotive Air Brake Company, assignee: *See*—
Fitch, Ellery R.
Rohrer, Frederick F., Jr.
Bergel, Franz: *See*—
Avison, Anthony W. D., Bergel, and Haworth.
Berger, Emric W., San Diego, Calif. Water vehicle. 2,438,493, Mar. 30.
Bergmann, Paul F., Muskegon, assignor to Johnson Products, Inc., Muskegon Heights, Mich. Hydraulic tappet. 2,438,631, Mar. 30.
Bethlehem Steel Company, assignee: *See*—
Snadecki, Clarence W., and Richards.
Billings, William A.: *See*—
Ashford, James L., and Billings.
Blake, Edward S., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Lubricating oil composition. 2,438,599, Mar. 30.
Bloser, Dwight W., West Englewood, N. J., assignor, by mesne assignments, to Kearfott Company, Inc., New York, N. Y. Synchronous repeater unit. 2,438,799, Mar. 30.
Booth, Clarence V., Lakewood, N. J. Expansion stud and keeper element combination. 2,438,533, Mar. 30.
Bordon Mfg. Co., Inc., assignee: *See*—
Camilleri, Charles.
Borg-Warner Corporation, assignee: *See*—
Armantrout, Kenneth M.
Bossard, Werner: *See*—
Krebser, Adolf, and Bossard.
Boston Wire Stitcher Company, assignee: *See*—
Lindstrom, Charles M.
Maynard, Arthur H.
Boulicault, Marcel, assignee, et al.: *See*—
Leach, Charles C.
Bouwer, Adam B., and L. Dortman, Johannesburg, Transvaal, Union of South Africa. Concentrator having sloping reciprocating table with movable deck. 2,438,775, Mar. 30.

Bower, Byron F., assignor to Pines Engineering Company, Aurora, Ill. Transfer device for tube and rod chucks. 2,438,600, Mar. 30.

Bowers, James E., Allentown, Ga. Transportation vehicle. 2,438,534, Mar. 30.

Bowles, Albert F., Naugatuck, Conn., and A. J. Keegel, Jersey City, N. J., assignors to Trinity Holding Corporation, Beacon Falls, Conn. Carroting reagents and process. 2,438,738, Mar. 30.

Bowman Gum, Inc., assignee: *See*—
Fenimore, Edward P.

Boylan, Charles H., Lakewood, assignor to The Weatherhead Company, Cleveland, Ohio. Packless back-seating valve. 2,438,776, Mar. 30.

Boylan, Francis L., New Orleans, La. Fuel oil filling system. 2,438,800, Mar. 30.

Boyle-Midway Inc., assignee: *See*—
Kamlet, Jonas.

Braden, Rene A., Princeton, N. J., assignor to Radio Corporation of America. Monitoring and measuring apparatus for frequency modulated signals. 2,438,801, Mar. 30.

Brandt Automatic Cashier Company, assignee: *See*—
Quirk, Earl W., and Buchholz.

Bridgeport Brass Company, assignee: *See*—
Broecker, Lewis C.

Briggs & Stratton Corporation, assignee: *See*—
Stuckert, Felix J.

Brock, John B., assignee: *See*—
Holt, Marcus L.

Broecker, Lewis C., Nichols, assignor to Bridgeport Brass Company, Bridgeport, Conn. Pneumatic torque machine. 2,438,692, Mar. 30.

Brown Instrument Company, The, assignee: *See*—
Ertzman, William F.

Brown, Lawrence S.: *See*—
Newell, William H., and Brown.

Brown and Sharpe Manufacturing Company, assignee: *See*—
Weimar, Hans C.

Bruns, William H., Lincolndale, assignor to Otis Elevator Company, New York, N. Y. Electric circuit. 2,438,535, Mar. 30.

Buchholz, Arnold R.: *See*—
Quirk, Earl W., and Buchholz.

Bullock, Earle C., assignor to Metal Office Furniture Company, Grand Rapids, Mich. Drawer pull. 2,438,871, Mar. 30.

Bullock, Percy Wynne, South Pasadena, Calif. Photographic process for producing line images. 2,438,494, Mar. 30.

Bulova Watch Company, Inc., assignee: *See*—
Beeh, Louis.

Burruss, Walter H., assignor to Columbia River Packers Association, Inc., Astoria, Oreg. Bait tank. 2,438,739, Mar. 30.

Bushman, Frederick P., Vallejo, Calif. Automatic lighter. 2,438,632, Mar. 30.

Cairns, Thomas W., National City, assignor to Solar Aircraft Company, San Diego, Calif. Bubble cap structure. 2,438,536, Mar. 30.

Camilleri, Charles, assignor to Bordon Mfg. Co., Inc., Detroit, Mich. Electrode holder. 2,438,840, Mar. 30.

Campbell, Robert G., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Ice removing covering for airfoils. 2,438,693, Mar. 30.

Canadian Copper Refiners Limited, assignee: *See*—
Clark, Charles W. and Scheaffer.

Carborundum Company, The, assignee: *See*—
Robie, Norman P., and Shelbley.

Carlson, Axel S., New York, N. Y. Ground vase. 2,438,802, Mar. 30.

Carter, Arthur D., Gastonia, N. C. Knot. 2,438,537, Mar. 30.

Carter, Arthur D., Gastonia, N. C. Knot. 2,438,538, Mar. 30.

Casalino, Joseph, Forest Hills Gardens, N. Y., assignor to Nuvopias Corporation, New York, N. Y. Compact. 2,438,841, Mar. 30.

Celanese Corporation of America, assignee: *See*—
Elvin, William J., Shaffer, and Stahl.

Chance, A. B., Company, assignee: *See*—
Hubbard, David C.

Chatterjea, Prafulla K., London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Thermistor circuit interrupter control system responsive to load circuit conditions. 2,438,495, Mar. 30.

Christensen, Edwin V., Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Automatic dimpler. 2,438,842, Mar. 30.

Claesson, Per H. E.: *See*—
Rost, Helge F., Thunell, Vigren, and Claesson.

Clark, Charles W., Westmount, and W. A. Sheaffer, Montreal, assignors to Canadian Copper Refiners Limited, Montreal East, Quebec, Canada. Method of protecting the surface of articles formed from a magnesium alloy. 2,438,740, Mar. 30.

Cole, Gilmoure N., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Support for engine cooling fans. 2,438,540, Mar. 30.

College of Electronic Medicine, assignee: *See*—
Hart, Fred J.

Columbia River Packers Association, Inc., assignee: *See*—
Burruss, Walter H.

Condor, John, Philadelphia, Pa. Extensible tool shank. 2,438,633, Mar. 30.

Cook, Charles A., Oshkosh, Wis., assignor to Fuller Manufacturing Co., Kalamazoo, Mich. Combined auxiliary transmission and power take-off. 2,438,539, Mar. 30.

Corhart Refractories Company, assignee: *See*—
Field, Theodore E.

Corn Products Refining Company: *See*—
Kerr, Ralph W. and Schink.

Corrêa, Alpoim, Rio de Janeiro, Brazil. Floor paste wax spreader. 2,438,843, Mar. 30.

Cortland Line Company, Inc., assignee: *See*—
Hoyle, Egbert P.

Coulson, Walter, assignor to Ex-Cell-O Corporation, Detroit, Mich. Retractable boring tool assembly. 2,438,741, Mar. 30.

Crompton & Knowles Loom Works, assignee: *See*—
Flynn, Maurice J.

Crook, Lloyd M., Long Beach, Calif. Clamp. 2,438,541, Mar. 30.

Cross, Charles A., Northwich, England, assignor to Imperial Chemical Industries Limited. Manufacture of phenols. 2,438,694, Mar. 30.

Crumrine, Sol M., Des Moines, Iowa. Traction device. 2,438,656, Mar. 30.

Curtiss-Wright Corporation, assignee: *See*—
Cushman, Maurice E.
Walker, Elwood C.
Wright, Ben W.

Cushman, Maurice E., Verona, N. J., assignor to Curtiss-Wright Corporation. Propeller blade, bearing and seal assembly. 2,438,542, Mar. 30.

Custin, Thomas G., and R. G. Stoneman, assignors of one-third to J. Shaw, Milwaukee, Wis. Abrading machine. 2,438,543, Mar. 30.

Cutler-Hammer, Inc., assignee: *See*—
Ranson, Richard R.

Dakoski, Stanley, Chicago, Ill. Electric switch operable by alarm clocks. 2,438,544, Mar. 30.

Dale, Wallace W., Barre Center, N. Y. Basket. 2,438,844, Mar. 30.

Davidson, Charles D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Geared motor linearly actuated. 2,438,545, Mar. 30.

Davis, George F., assignor to The High Standard Manufacturing Corporation, New Haven, Conn. Adjustable sight for firearms. 2,438,601, Mar. 30.

Davis, Joseph, South Orange, assignor to Joseph Davis Plastics Co., Arlington, N. J. Utensil. 2,438,546, Mar. 30.

Davis, Joseph, Plastics Co., assignee: *See*—
Davis, Joseph.

Davis, Norman R.: *See*—
Geist, Sidney R., Sr., and Davis.

Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Telephone system employing key type call transmitter. 2,438,496, Mar. 30.

Dean, William H., Darlington, England. Percussive tool. 2,438,777, Mar. 30.

Decca Record Company, Limited, The, assignee: *See*—
O'Brien, William J.

De Cesaris, Frederick, Johnston, assignor to James Manufacturing Company, Inc., Providence, R. I. Dispenser. 2,438,602, Mar. 30.

Deegan, John G., Bronxville, N. Y. Rolling hatch beam assembly. 2,438,846, Mar. 30.

Deere & Company, assignee: *See*—
Strandlund, Carl G.
Walz, Claude W., Rasmussen, and Griff.

De Laval Steam Turbine Company, assignee: *See*—
Harverstick, John S.

Dennison Manufacturing Company, assignee: *See*—
McGovern, Henry P.

Do All Company, The, assignee: *See*—
Southerwick, Harold I.

Dodds, John M., Timperley, and G. J. Scoles, East Sheen, London, assignors to Metropolitan-Vickers Electrical Company Limited, London, England. Relaxation circuits for producing electrical impulses at regular recurrence frequencies. 2,438,845, Mar. 30.

Doebert, Martin H., Buffalo, N. Y. Tool for applying traction devices on wheels. 2,438,547, Mar. 30.

Dorfman, Leslie: *See*—
Bouwer, Adam B., and Dorfman.

Dow Chemical Company, The, assignee: *See*—
Barry, Arthur J.

Drake, Alden M., assignor to Niles-Bement-Pond Company, West Hartford, Conn. Hole lapping machine. 2,438,695, Mar. 30.

Dreese, Delbert B., Larned, Kans. Door lock light. 2,438,847, Mar. 30.

Dufaux, Marie-Marguerite, Geneva, Switzerland. Bicycle handle. 2,438,657, Mar. 30.

Du Mont, Allen B., Laboratories, Inc., assignee: *See*—
Knoop, Walter A., Jr.
Koch, Stanley J., and Rutherford.
Puckette, Charles, Jr.

Dunn, James A., assignee: *See*—
Thomas, Asa E.

Dyson, William J.: *See*—
Williams, Arthur J., and Dyson.

Eagle-Picher Company, The, assignee: *See*—
Turbett, Forrest L., and Stephenson.

Eakins, John F., Evanston, assignor to J. P. Seeburg Corporation, Chicago, Ill. Multiselective phonograph. 2,438,848, Mar. 30.

Eaton Manufacturing Company, assignee: *See*—
Russell, Robert C.

Ehmann, Leslie G., assignor to Electric Steel Foundry, Portland, Oreg. Swivel connection. 2,438,548, Mar. 30.

Eitel-McCullough, Inc., assignee: *See*—
Williams, Paul D.

Electric & Musical Industries Limited, assignee: *See*—
Landmann, Alexander.

Electric Steel Foundry, assignee: *See*—
Ehmann, Leslie G.

Electronic Laboratories, Inc., assignee: *See*—
Hings, Donald L.

Ellis-Foster Company, assignee, et al.: *See*—
MacKenzie, Charles A., and Rust.

Elvin, William J., Frostburg, M. A. Shaffer, Cumberland, Md., and E. R. Stahl, Meyersdale, Pa., assignors to Celanese Corporation of America. Apparatus for treatment of travelling materials with fluid media. 2,438,549, Mar. 30.

Erhardt, Oscar P., West Haven, assignor to The A. C. Gilbert Company, New Haven, Conn. Toy loading station. 2,438,603, Mar. 30.

Ertzman, William F., Pittsburgh, assignor to The Brown Instrument Company, Philadelphia, Pa. Method of and apparatus for indicating the condition of an atmosphere. 2,438,550, Mar. 30.

Ex-Cell-O Corporation, assignee: *See*—
Coulson, Walter.

Fablá, Manuel A. G., assignor to Tecnica Industrial Y Comercial Sociedad Anonima Tecosa, Buenos Aires, Argentina. Progressive variable-speed device. 2,438,778, Mar. 30.

Fairbanks, Morse & Co., assignee: *See*—
Anderson, Gordon R.

Farrow, Cecil, Bainbridge Township, Geauga County, Ohio. Remote-control generator circuit. 2,438,634, Mar. 30.

Farrow, Cecil, Bainbridge Township, Geauga County, assignor to Republic Steel Corporation, Cleveland, Ohio. Ignitron welding control. 2,438,742, Mar. 30.

Feinbloom, William, New York, N. Y. Tangent cone contact lens. 2,438,743, Mar. 30.

Fenimore, Edward P., Drexel Hill, assignor to Bowman Gum, Inc., Philadelphia, Pa. Chewing gum. 2,438,551, Mar. 30.

Field, Theodore E., assignor to Corhart Refractories Company, Louisville, Ky. Cast refractory product. 2,438,552, Mar. 30.

Fish, Leonard A., assignee: *See*—
Skolnik, Max.

Fitch, Ellery R., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Control mechanism. 2,438,658, Mar. 30.

Flexser, Leo A., Elizabeth, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Making ribonolactone. 2,438,883, Mar. 30.

Flynn, Maurice J., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Tool for setting bushings or inserts. 2,438,744, Mar. 30.

Focke, Theodore B.: *See*—
Resek, Marc, Focke, and Kirkpatrick.

Foote, A. A., assignee, et al.: *See*—
Arave, Franklin M., and Nolan.

Ford Instrument Company, Inc., assignee: *See*—
Newell, William H., and Brown.

Ford, John L., assignor to The Ford Meter Box Company, Inc., Wabash, Ind. Meter mounting. 2,438,497, Mar. 30.

Ford Meter Box Company, Inc., The, assignee: *See*—
Ford, John L.

Forster, Henry, Broadview, Ill. Piston wrist pin carrier. 2,438,849, Mar. 30.

Foster Machine Company, assignee: *See*—
Stange, Ferdinand F.

Fot, Chin J., assignor to Guyan Machinery Company, Logan, W. Va. Terminal clips. 2,438,850, Mar. 30.

Fowler, Raymond F., Colorado Springs, Colo. Device for holding articles in roofs of automobiles. 2,438,659, Mar. 30.

Fox, Kenneth H., Red Bank, assignor to Bendix Aviation Corporation, Teterboro, N. J. Electromagnetic apparatus. 2,438,745, Mar. 30.

Fox, Raymond S., and C. A. Whitney, assignors to Niles-Bement-Pond Company, West Hartford, Conn. Continuous air gage. 2,438,696, Mar. 30.

Fraga, Frank M., Fresno, Calif. Implement hitch. 2,438,553, Mar. 30.

Free Sewing Machine Co., assignee: *See*—
Ivandick, Matthew G.

Freedman, Louis, Mount Vernon, N. Y. Preparation of fat soluble vitamins. 2,438,554, Mar. 30.

Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Knitting machine. 2,438,697, Mar. 30.

Fuge, Harry B., Somerville, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Dynamoelectric machine. 2,438,872, Mar. 30.

Fuller Manufacturing Co., assignee: *See*—
Cook, Charles A.

Furter, Max F., Upper Montclair, and M. Hoffer, assignors to Hoffmann-La Roche Inc., Nutley, N. J. Riboflavin solution. 2,438,880, Mar. 30.

Garner, Fay, Longmont, Colo. Excavating and loading apparatus. 2,438,660, Mar. 30.

Garrison, John W., Oceanside, Calif. Hot line jumper stick. 2,438,746, Mar. 30.

Gates, Robert M., Scarsdale, assignor to The Air Preheater Corporation, New York, N. Y. Plate arrangement for preheaters. 2,438,851, Mar. 30.

Geigy, J. R., A. G., assignee: *See*—
Krebser, Adolf, and Bossard.

Geist, Sidney R., Sr., New York, and N. R. Davis, assignors to Gemloid Corporation, Elmhurst, Long Island, N. Y. Tube forming apparatus. 2,438,498, Mar. 30.

Gemloid Corporation, assignee: *See*—
Geist, Sidney R., Sr., and Davis.

General Aniline & Film Corporation, assignee: *See*—
Mueller, Fritz W. H.

General Controls Co., assignee: *See*—
Ray, William A.

General Electric Company, assignee: *See*—
Alexanderson, Ernst F. W.
Hehenkamp, Theodorus.
Kearsley, William K.
Kettlewell, Eric.
Lemmers, Eugene.
Schouwstra, Pieter.
Taylor, Augustus H.
Tillman, John E.

General Motors Corporation, assignee: *See*—
Davidson, Charles D.
Mann, Cecil A.
McCormack, Alex A.

Geometric Tool Company, The, assignee: *See*—
Strickland, Royce M.

Gibbs, Clifford J., Laingsburg, Mich., and J. H. Stein, Toms River, N. J., assignors to Texaco Development Corporation, New York, N. Y. Apparatus for removing random fluctuations from intensity measurements. 2,438,747, Mar. 30.

Gilbert, A. C., Company, The, assignee: *See*—
Erhardt, Oscar P.

Gilbert & Barker Manufacturing Company, assignee: *See*—
Grise, Alfred L.

Gilson Brothers Company, assignee: *See*—
Gilson, Michael V.

Gilson, Michael V., assignor to Gilson Brothers Company, Fredonia, Wis. Concrete mixer. 2,438,555, Mar. 30.

Girdler Corporation, The, assignee: *See*—
Zottu, Paul D.

Gogerty, Henry L., North Hollywood, Calif. Prefabricated and demountable house construction. 2,438,604, Mar. 30.

Goldsby, Arthur R., Beacon, and C. W. Watson, Eastchester, assignors to The Texas Company, New York, N. Y. Multistage alkylation method. 2,438,852, Mar. 30.

Goodrich, B. F., Company, The, assignee: *See*—
Campbell, Robert G.

Gordon, Herman L., Silver Spring, Md. Wire connector. 2,438,779, Mar. 30.

Grady, Jessie B., Pasadena, Calif. Propeller assembly. 2,438,661, Mar. 30.

Graham, Carl E., Canton, Ohio. Carbon clamp. 2,438,803, Mar. 30.

Greenberg, Edward H., St. Louis, Mo. Shoe tree. 2,438,748, Mar. 30.

Greenland, Leonard S., Weston-super-Mare, assignor to H. M. Hobson Limited, London, England. Fuel injection system for internal-combustion engines. 2,438,662, Mar. 30.

Greenland, Leonard S., Weston-super-Mare, assignor to H. M. Hobson Limited, London, England. Fuel injection system for internal-combustion engines. 2,438,663, Mar. 30.

Griff, Robert D.: *See*—
Walz, Claude W., Rasmussen, and Griff.

Grisé, Alfred L., assignor to Gilbert & Barker Manufacturing Company, Springfield, Mass. Liquid dispensing apparatus. 2,438,698, Mar. 30.

Groetchen, Richard, Chicago, Ill. Cooker. 2,438,699, Mar. 30.

Guyan Machinery Company, assignee: *See*—
Fot, Chin Jim.

Hammond Aircraft Company, assignee: *See*—
Stevens, Don E.

Hansberry, Lloyd E., San Francisco, Calif. Heel bone traction splint. 2,438,664, Mar. 30.

Hardie, Harry, assignor to The Nobelt Company, Baltimore, Md. Band for garments. 2,438,804, Mar. 30.

Harrer, Paul H., La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hitch. 2,438,749, Mar. 30.

Hart, Fred J., Salinas, assignor of one-half to College of electronic Medicine, San Francisco, Calif. Electrical therapeutic device. 2,438,605, Mar. 30.

Hartford National Bank and Trust Company, assignee: *See*—
Labin, Edouard and Kobilsky.
Martin, Edward C.

Hartman, Richard A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,438,499, Mar. 30.

Haverstick, John S., assignor to De Laval Steam Turbine Company, Trenton, N. J. Turbine system utilizing hot driving gases. 2,438,635, Mar. 30.

Haworth, John W.: *See*—
Avison, Anthony W. D., Bergel, and Haworth.

Hazeltine Research, Inc., assignee: *See*—
Wheeler, Harold A.

Hebard, Hugh C., Greenford, England. Barometric fuze. 2,438,853, Mar. 30.

Hehenkamp, Theodorus, Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company, Schenectady, N. Y. Circuit for electric discharge devices. 2,438,556, Mar. 30.

Hehenkamp, Theodorus, Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company, Schenectady, N. Y. Electric discharge device. 2,438,557, Mar. 30.

Hemphill Company, assignee: *See*—
Fregeolle, Oscar.

Henley's, W. T., Telegraph Works Company Limited, assignee: *See*—
Hoban, Hugh C.

Hertzler, Ralph S., Elverson, Pa. Conveying mechanism for harvesting machines. 2,438,500, Mar. 30.

Hesse, Arthur T., Long Beach, Calif. Bathroom equipment. 2,438,665, Mar. 30.

High Standard Manufacturing Corporation, The, assignee: *See*—
Davis, George F.

Hings, Donald L., Ottawa, Ontario, Canada, assignor to Electronic Laboratories, Inc., Indianapolis, Ind. Radio noise rejector circuit. 2,438,501, Mar. 30.

Hoban, Hugh C., Dartford, assignor to W. T. Henley's Telegraph Works Company Limited, Dorking, England. Wiper or die for use in the coating of wires. 2,438,700, Mar. 30.

Hobson, H. M., Limited, assignee: *See*—
Greenland, Leonard S.

Hochner, Alex, New York, N. Y. Cover structure for suitcases, valises, and similar carrying cases. 2,438,780, Mar. 30.

Hodson, George F., Altus, Okla. Conveyor egg washing and drying machine. 2,438,666, Mar. 30.

Hoffer, Max: *See*—
Furter, Max F., and Hoffer.

Hoffmann-La Roche Inc., assignee: *See*—
Avison, Anthony W. D., Bergel, and Haworth.
Flexser, Leo A.
Karrer, Paul.
Sternbach, Leo H.

Hogue, James T., San Francisco, Calif., assignor, by decree of court, to L. M. Hogue. Angle calculator for structural members. 2,438,667, Mar. 30.

Hogue, Lenna M., assignee: *See*—
Hogue, James T.

Holländer, Nils B. F., St. Essingen, Sweden. Levelling tool. 2,438,558, Mar. 30.

Holt, Marcus L., Lookout Mountain, assignor of one-half to J. B. Brock, Adairsville, Ga. Vending machine. 2,438,502, Mar. 30.

Holt, Marcus L., Lookout Mountain, assignor of one-half to J. Brock, Adairsville, Ga. Vending machine. 2,438,503, Mar. 30.

Hoyle, Egbert P., assignor to Cortland Line Company, Inc., Cortland, N. Y. Combined strand display and transfer reel. 2,438,805, Mar. 30.

Hubbard, David C., assignor to A. B. Chance Company, Centralia, Mo. Storm attachment for high line tools. 2,438,504, Mar. 30.

Hubbell, George T., New Haven, assignor to American Crucible Co., Shelton, Conn. Furnace lining. 2,438,559, Mar. 30.

Hughes, John W., Dallas, Tex. Hose coupling. 2,438,750, Mar. 30.

Huguley, William C., Belleville, N. J. Adjustable-electrode arc welding torch. 2,438,701, Mar. 30.

Hulton, Charles S., assignor to The Kirk & Blum Manufacturing Company, Cincinnati, Ohio. Pneumatic canopy. 2,438,606, Mar. 30.

Hunt, Richard O., Altadena, Calif. Shelf. 2,438,505, Mar. 30.

Hunt, Scott F., Meriden, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Carburetor. 2,438,702, Mar. 30.

Ilford Limited, assignee: *See*—
Kendall, John D.
Kendall, John D., Wood, and Majer.

Imperial Chemical Industries Limited, assignee: *See*—
Cross, Charles A.

International Standard Electric Corporation, assignee: *See*—
Ashford, James L., and Billings.
Chatterjea, Prafulla K.
Deakin, Gerald.
McLarn, Ernest S.
Mehut, Jean.
New, Archibald A.

Ivandick, Matthew G., assignor to Free Sewing Machine Co., Rockford, Ill. Sewing machine. 2,438,636, Mar. 30.

Jackson, Ernest W., Bellflower, Calif. Boring attachment. 2,438,607, Mar. 30.

Jacobsen, E. A., special administrator: *See*—
Krenzke, William F.

Jacobsen Manufacturing Company, assignee: *See*—
Krenzke, William F.

Jakobsen, Jens G., Copenhagen, Denmark, assignor to N. B. Bach, New York, N. Y. Method and material for the production of toy balloons. 2,438,854, Mar. 30.

James Manufacturing Company, Inc., assignee: *See*—
De Cesaris, Frederick.

Jansen, Herbert D., Shorewood, Wis. Combined conveyor and excavator. 2,438,637, Mar. 30.

Jasco, Incorporated, assignee: *See*—
Kellog, Henry B.

Johnson, Gordon, Company, assignee: *See*—
Johnson, Gordon W.

Johnson, Gordon W., Overland Park, Kans., assignor to Gordon Johnson Company, Kansas City, Mo. Poultry shackle. 2,438,608, Mar. 30.

Johnson, Jeners S., Los Angeles, Calif. Engine nacelle construction. 2,438,806, Mar. 30.

Johnson Products, Inc., assignee: *See*—
Bergmann, Paul F.

Johnson, Victor S., assignee: *See*—
White, Sidney Y.

Jones, Franklin D., Upper Darby, assignor to American Chemical Paint Company, Ambler, Pa. Tetralyl compounds. 2,438,751, Mar. 30.

Jones & Laughlin Steel Corporation, assignee: *See*—
Banta, Henry M.

Juhasz, James G., Chicago, Ill. Circuit control device. 2,438,609, Mar. 30.

Kahn, Milford L., assignor of one-half to R. N. Kinkella, Chicago, Ill. Inhaler. 2,438,752, Mar. 30.

Kamlet, Jonas, assignor to Boyle-Midway Inc., New York, N. Y. Stabilized hypochlorite solutions and process therefor. 2,438,781, Mar. 30.

Kanhofer, Elmer R., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of catalysts. 2,438,560, Mar. 30.

Karrer, Paul, Zurich, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. 2-carbalkoxy-3-keto-tetrahydrothiophene product and process. 2,438,807, Mar. 30.

Kay, James A., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Packaging machinery. 2,438,809, Mar. 30.

Kearfott Company, Inc., assignee: *See*—
Bloser, Dwight W.

Kearsley, William K., Schenectady, N. Y., assignor to General Electric Company. Electrothermal deposition apparatus. 2,438,561, Mar. 30.

Keegel, Anthony J.: *See*—
Bowles, Albert F., and Keegel.

Kellog, Henry B., Union City, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Butadiene-1,3-acrylonitrile copolymer plasticized with naphthenic acid esters. 2,438,753, Mar. 30.

Kemeny, Paulo, Sao Paulo, Brazil. Speed regulator. 2,438,703, Mar. 30.

Kendall, John D., assignor to Ilford Limited, Ilford, England. Cyanine dyestuff intermediates. 2,438,705, Mar. 30.

Kendall, John D., assignor to Ilford Limited, Ilford, England. Cyanine dyestuffs. 2,438,782, Mar. 30.

Kendall, John D., H. W. Wood, and J. R. Majer, Ilford, assignors to Ilford Limited, Ilford, Essex, England. Organic compounds serving as cyanine dyestuff intermediates. 2,438,704, Mar. 30.

Kenlee Corporation, assignee: *See*—
Lee, Roger K.

Kenyon Instrument Co., Inc., assignee: *See*—
Newell, Arthur T.

Kerr, Ralph W., Riverside, and N. F. Schink, Oak Park, Ill., assignors to Corn Products Refining Company, New York, N. Y. Modifying starch. 2,438,855, Mar. 30.

Kettlewell, Eric, Kingsbury, London, England, assignor to General Electric Company. Seal for electric discharge devices and manufacture. 2,438,562, Mar. 30.

Kinkella, Roger N., assignee: *See*—
Kahn, Milford L.

Kirk & Blum Manufacturing Company, The, assignee: *See*—
Hulton, Charles S.

Kirkpatrick, Joseph R.: *See*—
Resek, Marc, Focke, and Kirkpatrick.

Knoop, Walter A., Jr., Packanack Lake, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Pulse generator. 2,438,706, Mar. 30.

Knowles, Edward R., Nashua, N. H. Injection molding machine. 2,438,856, Mar. 30.

Knowles, Edward R., Nashua, N. H. Injection unit for plastics molding. 2,438,857, Mar. 30.

Kobilsky, Manuel J.: *See*—
Labin, Edouard, and Kobilsky.

Koch, Stanley J., Clifton, and R. E. Rutherford, Rutherford, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Cathode-ray tube screen and process. 2,438,668, Mar. 30.

Kolimeyer, Walter T., Milwaukee, Wis. Traction pad. 2,438,563, Mar. 30.

Kraft, Charles H., Kansas City, Mo. Cabinet with compartments having interconnected locking means. 2,438,783, Mar. 30.

Krebser, Adolf, Riehen, near Basel, and W. Bossard, assignors to the firm J. R. Geigy A. G., Basel, Switzerland. Copper containing disazo dyestuffs. 2,438,754, Mar. 30.

Krenzke, William F., deceased; E. A. Jacobsen, special administrator, assignor to Jacobsen Manufacturing Company, Racine, Wis. Motor fuel power induction device. 2,438,669, Mar. 30.

Kropp Forge Aviation Co., assignee: *See*—
Kropp, Roy A.

Kropp, Roy A., River Forest, assignor to Kropp Forge Company, Cicero, Ill. Rotary tiller tooth and mounting. 2,438,707, Mar. 30.

Kropp, Roy A., River Forest, assignor to Kropp Forge Aviation Co., Cicero, Ill. Forming engine mountings. 2,438,884, Mar. 30.

Kuenstler, Walter E., Cliffside Park, N. J. Crystal holder. 2,438,708, Mar. 30.

Labin, Edouard, and M. J. Kobilsky, Buenos Aires, Argentina, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Thermionic tube having secondary electron emissive electrode with surface and form variations. 2,438,709, Mar. 30.

Ladrach, Aaron G., deceased, Akron, Ohio; D. B. Ladrach, administratrix, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Electromagnetic gauge. 2,438,506, Mar. 30.

Ladrach, Dorothy B., administratrix: *See*—
Ladrach, Aaron G.

Lakatos, Louis L., Bala Bynwyd, Pa., assignor to Radio Corporation of America. Pulse to rectangular wave converter. 2,438,638, Mar. 30.

Lake Manufacturing Company, Inc., The, assignee: *See*—
Wedeking, Lorenz A.

Lambert, Edmond, Danielson, Conn. Log- and carriage-locking swinging-saw sawmill. 2,438,610, Mar. 30.

Lambert, Harry L., Enfield, N. Y., assignor to The National Cash Register Company, Dayton, Ohio. Centrifugally operated switch. 2,438,810, Mar. 30.

Landmann, Alexander, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Tuner for ultra high frequencies. 2,438,784, Mar. 30.

Langdon, Jesse D., Long Beach, Calif. Plumbing fixture installation. 2,438,507, Mar. 30.

Larsen, Einer W., Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Vibrating apparatus. 2,438,755, Mar. 30.

Larsen, Einer W., Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Vibrating apparatus. 2,438,756, Mar. 30.

Larson, Robert H., Batavia, Ill. Film gate. 2,438,710, Mar. 30.

Lawrence, Ralph, Miami, Fla. Color process registration table. 2,438,639, Mar. 30.

Leach, Charles C., Clayton, assignor of one-half to M. Boulicault, St. Louis, Mo., and R. J. Miller, Webster Groves, Mo. Liquid column level. 2,438,758, Mar. 30.

Leach, Geraldine M.: *See*—
Leach, Raymond A., and Geraldine M.

Leach, Raymond A. and G. M., Los Angeles, Calif. Shoe with detachable upper. 2,438,711, Mar. 30.

Lee, Roger K., assignor to Kenlee Corporation, Detroit, Mich. Mounting element for machines or the like. 2,438,757, Mar. 30.

Lees, Edgar L., Youngstown, Ohio. Switch assembly. 2,438,640, Mar. 30.

Lemmers, Eugene, Cleveland Heights, Ohio, assignor to General Electric Company. Multiple discharge lamp circuit. 2,438,564, Mar. 30.

Le Sage, Grover N., Kansas City, Mo. Dough pressing and feeding apparatus. 2,438,811, Mar. 30.

Lewis, Arthur J., assignor to The Baird Machine Company, Stratford, Conn. Multiple spindle chucking machine. 2,438,508, Mar. 30.

Lewis Equipment and Supply Company, assignee: *See*—
Ostler, Virgil F.

Liebowitz, Benjamin, Lewisboro, N. Y. Manufacture of composite steel plates. 2,438,759, Mar. 30.

Lindfelt, Hilma E., Des Moines, Iowa. Mitten. 2,438,611, Mar. 30.

Lindsey, William H., and S. Allen, assignors to Armstrong Siddeley Motors Limited, Coventry, England. Liquid-fuel combustion chamber. 2,438,858, Mar. 30.

Lindstrom, Charles M., Westerly, R. I., assignor to Boston Wire Stitcher Company, Stonington, Conn. Fastener-applying implement. 2,438,712, Mar. 30.

Linn, Carl B., Riverside, and J. M. Mavity, Hinsdale, assignors to Universal Oil Products Company, Chicago, Ill. Method of purifying a hydrocarbon material containing a relatively small amount of an organic fluorine compound. 2,438,565, Mar. 30.

Lipfert, Donald E.: *See*—
Andrews, Douglas H., Jr., and Lipfert.

Lipfert, Donald E., Meriden, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn. Throttle control system. 2,438,718, Mar. 30.

Lockheed Aircraft Corporation, assignee: *See*—
Archer, James O., and Salmi.
Christensen, Edwin V.
Prest, Clarence O.

Loehr, Aloysius, Wichita, Kans. Toothbrush having paste tube on handle. 2,438,641, Mar. 30.

Loftus, Fred H., Mount Lebanon, Pa. Furnace and operating same. 2,438,812, Mar. 30.

Long, Hugh, Los Angeles, Calif. Supporting structure. 2,438,566, Mar. 30.

Lundeen, Carl V., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Engraving apparatus. 2,438,813, Mar. 30.

MacDonald, H. F., assignee, et al.: *See*—
MacDonald, Harry F., and Askers.

MacDonald, Harry F., and W. N. Askers, assignors to H. F. and J. C. MacDonald, Spokane, Wash. Electric circulating heater. 2,438,670, Mar. 30.

MacDonald, J. C., assignee, et al.: *See*—
MacDonald, Harry F., and Askers.

MacDonald, James E., Latrobe, Pa. Checkerwork for furnaces. 2,438,814, Mar. 30.

Macfarlane, James W. and W. I., Glasgow, Scotland. Cross-field generator. 2,438,567, Mar. 30.

Macfarlane, William I.: *See*—
Macfarlane, James W. and W. I.

Mack, Rudolph A.: *See*—
Zapart, Bruno J., and Mack.

MacKenzie, Charles A., Upper Montclair, and J. B. Rust, Montclair, assignor of one-half to Montclair Research Corporation and one-half to Ellis-Foster Company. Copolymers of tetraallylsilane. 2,438,612, Mar. 30.

Majer, John R.: *See*—
Kendall, John D., Wood, and Majer.

Malthouse, Ernest G., Sheffield, England. Apparatus for use in erecting masonry structures. 2,438,613, Mar. 30.

Mann, Cecil A., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Method and apparatus for making composite strip material. 2,438,568, Mar. 30.

Marana, José M. B., Buesnos Aires, Argentina. Resilient sealing disc for bottle seals. 2,438,671, Mar. 30.

Marcus, Meyer M., assignee, et al.: *See*—
Weiss, Solomon.

Margrave, Wilton, assignor to The Parker Appliance Company, Cleveland, Ohio. Valve indexing means. 2,438,672, Mar. 30.

Marholz, Richard C., assignor, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill. Radio control apparatus. 2,438,760, Mar. 30.

Marinsky, Davis, assignee: *See*—
Morin, Louis H.

Marsalis, Martin E., Fort Worth, Tex. Moisture retaining pad for air cooling devices. 2,438,859, Mar. 30.

Martin, Earnest B., Redondo Beach, assignor to R. Walsh, Los Angeles, Calif. Apparatus for inserting valve elements. 2,438,642, Mar. 30.

Martin, Edward C., London, England, assignor to Hartford National Bank & Trust Company, Hartford, Conn. Manufacture of ceramic materials of high permittivity. 2,438,761, Mar. 30.

Massonneau, Robert F.: *See*—
Bascom, Henry M., Massonneau, Ostendorf, and Rea.

Mattox, William J., La Grange, assignor to Universal Oil Products Company, Chicago, Ill. Preparation of an alumina-group VI oxide catalyst. 2,438,569, Mar. 30.

Mattox, William J., La Grange, assignor to Universal Oil Products Company, Chicago, Ill. Production of toluene by catalytic cracking of monoalkyl benzenes. 2,438,570, Mar. 30.

Mavity, Julian M.: *See*—
Linn, Carl B., and Maxity.

Maxim Silencer Company, The, assignee: *See*—
Saco, Felix, Jr., and Williamson.

Maxon, Glenway, Jr., Milwaukee, Wis. Stabilizer for spring mounted vehicles. 2,438,571. Mar. 30.

Maynard, Arthur H., assignor to Boston Wire Stitcher Company, Warwick, R. I. Fastener-applying implement. 2,438,713, Mar. 30.

McCarthy, Henry J., Danvers, assignor to Sylvania Electric Products Inc., Salem, Mass. Ultra high frequency switching device. 2,438,873, Mar. 30.

McCormack, Alex A., Cleveland, assignor to General Motors Corporation, Dayton, Ohio. Terminal structure for refrigerating apparatus. 2,438,572, Mar. 30.

McGarry, John T., deceased; M. F. McGarry, executrix, assignor to Railroad Products Company, Cincinnati, Ohio. Water service apparatus. 2,438,815, Mar. 30.

McGarry, Mary F., executrix: *See*—
McGarry, John T.

McGovern, Henry P., Fayville, assignor to Dennison Manufacturing Company, Framingham, Mass. Manufacture of cardboard boxes. 2,438,509, Mar. 30.

McKallick, Mary, Spokane, Wash. Letter box. 2,438,785, Mar. 30.
McLarn, Ernest S., Manhasset, assignor to International Standard Electric Corporation, New York, N. Y. Electrical contact brush. 2,438,510, Mar. 30.
McLeckie, Harry W., Naples, Tex. Hand dryer. 2,438,762, Mar. 30.
McMahan, Thomas E., Ojai, Calif. Well tool. 2,438,673, Mar. 30.
McMahon, William, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Copper chromium, arsenic compound for wood preserving. 2,438,511, Mar. 30.
McMillan, James O., assignor to F. J. Ablah, Wichita, Kans. Carbonator. 2,438,714, Mar. 30.
Meadow, Jacob R., Memphis, Tenn., and E. E. Reid, Baltimore, Md., assignors to Socony-Vacuum Oil Company, Incorporated. Separation of asphalt from hydrocarbons. 2,438,874, Mar. 30.
Mehut, Jean, Lyon, France, assignor to International Standard Electric Corporation, New York, N. Y. Pneumatic switch. 2,438,512, Mar. 30.
Meigs, Douglas P., Silver Spring, Md., assignor by mesne assignments, to American Instrument Co., Inc. Closure for high-pressure vessels. 2,438,513, Mar. 30.
Merck & Co., Inc., assignee: *See*—
Miller, Stewart M., and Van de Kamp.
Metal Office Furniture Company, assignee: *See*—
Bullock, Earle C.
Metropolitan-Vickers Electrical Company Limited, assignee: *See*—
Dodds, John M., and Scoles.
Miller, Christopher G., Rifle, Colo. Fruit picker's sack. 2,438,860, Mar. 30.
Miller Pottery Engineering Company, assignee: *See*—
Miller, William J.
Miller, Roland J., assignee, et al: *See*—
Leach, Charles C.
Miller, Stewart M., and J. van de Kamp, Westfield, N. J., assignors to Merck & Co., Inc., Rahway, N. J. Purification of dehydrocorticosterone acetate. 2,438,715, Mar. 30.
Miller, William J., Swissvale, assignor to Miller Pottery Engineering Company, Swissvale, Pittsburgh, Pa. Method and apparatus for decorating pottery ware. 2,438,514, Mar. 30.
Minneapolis-Honeywell Regulator Company, assignee: *See*—
Schoeppel, John F.
Modine Manufacturing Company, assignee: *See*—
Spieth, Benjamin.
Mohler, Marvin F., Arlington, Va. Plug and jack box switching unit. 2,438,515, Mar. 30.
Monolith Portland Midwest Company, assignee: *See*—
Anderson, Frank J., and Williams.
Monsanto Chemical Company, assignee: *See*—
Blake, Edward S.
Montclair Research Corporation, assignee, et al.: *See*—
MacKenzie, Charles A., and Rust.
Moore, David P., Forest Hills, N. Y., assignor to Premium Merchandising Corporation. Ink paste cartridge for ball point fountain pens. 2,438,786, Mar. 30.
Moore, Edward, Newark, N. J. Lubricating means for internal-combustion engines. 2,438,816, Mar. 30.
Moore, Hazel E., Oakland, Calif. Pack for use in refrigeration anesthesia. 2,438,643, Mar. 30.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Stop device for pull apart sliders for separable fasteners. 2,438,614, Mar. 30.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Fastener stringer and producing the same. 2,438,615, Mar. 30.
Mosher, Jesse B., Colorado Springs, Colo. Wheeled toy. 2,438,616, Mar. 30.
Mossman, Donald P., Sr., Chicago, Ill. Wafer switch. 2,438,617, Mar. 30.
Mott, Ruthel J., Georgetown, Tex. Hair curler. 2,438,618, Mar. 30.
Mueller, Fritz W. H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Stabilized silver halide emulsions. 2,438,716, Mar. 30.
Muncie Gear Works, Inc., assignee: *See*—
Smith, Marvin M.
Nalick, Stanley, Los Angeles, Calif. Spinner. 2,438,817, Mar. 30.
National Cash Register Company, The, assignee: *See*—
Lambert, Harry L.
Navy, United States of America, as represented by the Secretary of the, assignee: *See*—
Barth, Theodore H.
Schuck, Oscar H.
Neiser, Joseph, Miami, Fla. Electric heater. 2,438,861, Mar. 30.
New, Archibald A., London, W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y. Polystyrene electric insulating materials. 2,438,516, Mar. 30.
Newell, Arthur T., Huntington, assignor to Kenyon Instrument Co., Inc., Huntington Station, N. Y. Anemometer. 2,438,674, Mar. 30.
Newell, William H., New York, and L. S. Brown, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Triangle solver. 2,438,818, Mar. 30.
Nicholas, George K., La Porte, Ind. Warp tension attachment. 2,438,675, Mar. 30.
Nicholas, John, assignor to H. S. & A. Robinson, Limited, Bristol, England. Paper bag making machinery. 2,438,787, Mar. 30.
Nickle, Arthur G.: *See*—
Nickle, Frank H. and A. G.
Nickle, Frank H. and A. G., Saginaw, Mich. Safety shearpin drive. 2,438,676, Mar. 30.
Niederl, Joseph B., Brooklyn, N. Y. Nitrated estrogenic hormones. 2,438,819, Mar. 30.
Niles-Bement-Pond Company, assignee: *See*—
Andrews, Douglas H., Jr., and Lipfert.
Drake, Alden M.
Fox, Raymond, and Whitney.
Hunt, Scott F.
Ladrach, Aaron G.
Lipfert, Donald E.
Nobelt Company, The, assignee: *See*—
Hardie, Harry.
Nolan, Thomas W.: *See*—
Arave, Franklin M., and Nolan.
Nuvoplas Corporation, assignee: *See*—
Casalino, Joseph.
Oberwegner, Alfred R., Los Angeles, Calif. Turret tool post. 2,438,644, Mar. 30.
O'Brien, William J., assignor to The Decca Record Company, Limited, London, England. Equisignal radio beacon system. 2,438,573, Mar. 30.
Obuchowski, Jan, Stamford, Conn. Musical automatic finger exercising machine. 2,438,820, Mar. 30.
Offner, Franklin, Chicago, Ill. Electrical treatment apparatus and control. 2,438,875, Mar. 30.
Olesky, Anthony P., assignor, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill. Push-button tuning control. 2,438,763, Mar. 30.
O'Loughlin, Charles E. A., St. Paul, Minn. Gauge knife. 2,438,517, Mar. 30.
O'Neill, Edward M., assignor to Union Machine Company, San Francisco, Calif. Mixing apparatus. 2,438,574, Mar. 30.
Ostendorf, Bernard, Jr.: *See*—
Bascom, Henry M., Massonneau, Ostendorf, and Rea.
Ostler, Virgil F., assignor to Lewis Equipment and Supply Company, Denver, Colo. Tire casing vulcanizer. 2,438,677, Mar. 30.
Otis Elevator Company, assignee: *See*—
Bruns, William H.
Palagonia, Joseph R., Brooklyn, N. Y. Collar clip. 2,438,645, Mar. 30.
Palmer, Donald A., Sheffield, England. Tobacco-pipe scraping tool. 2,438,678, Mar. 30.
Palmer, F. D., Inc., assignee: *See*—
Palmer, Frank D.
Palmer, Frank D., assignor to F. D. Palmer, Inc., Chicago, Ill. Paper box forming apparatus. 2,438,788, Mar. 30.
Parker Appliance Company, assignee: *See*—
Margrave, Wilton.
Parker Appliance Company, The, assignee: *See*—
Parker, Arthur L., and Vandervoort.
Parker, Arthur L., deceased, Cleveland, by H. M. Parker, executrix, Shaker Heights, and L. N. Vandervoort, assignors to The Parker Appliance Company, Cleveland, Ohio. Manifold tube coupling. 2,438,679, Mar. 30.
Parker, Helen M., executrix: *See*—
Parker, Arthur L., and Vandervoort.
Pearl, Irwin A., Appleton, Wis., assignor, by mesne assignments, to Sulphite Products Corporation. Production of organic acids. 2,438,789, Mar. 30.
Pedigo, Benjamin H., Jackson, Tenn. Spark arrester frame for locomotives. 2,438,862, Mar. 30.
Perfection Stove Company, assignee: *See*—
Resek, Marc, Focke, and Kirkpatrick.
Philco Corporation, assignee: *See*—
Stewart, William A.
Phillips Petroleum Company, assignee: *See*—
Piety, Raymond G.
Phillips, Walter A., Salinas, Calif. Highway and street traffic marking and method and apparatus for making. 2,438,764, Mar. 30.
Piety, Raymond G., Yonkers, N. Y., assignor to Phillips Petroleum Company. Circuit for measuring voltage of an alternating source. 2,438,518, Mar. 30.
Pines Engineering Company, assignee: *See*—
Bower, Byron F.
Plymouth Cordage Company, assignee: *See*—
Reed, Stephen A.
Pollitt, Harold, Waukegan, Ill. Adjustable anvil for micrometer calipers. 2,438,765, Mar. 30.
Polydoroff, Wladimir J., Glencoe, Ill. Loop antenna apparatus. 2,438,680, Mar. 30.
Postlethwaite, Sarah D., New York, N. Y. Removable sanitary belt tab. 2,438,790, Mar. 30.
Powers, Stephen J., assignor to Standard Telephones and Cables Limited, London, England. Tubular electrode assembly support for vacuum tubes. 2,438,519, Mar. 30.
Premium Merchandising Corporation, assignee: *See*—
Moore, David P.
Prest, Clarence O., assignor of one-half to Lockheed Aircraft Corporation, Burbank, Calif. Nonferrous alloy. 2,438,863, Mar. 30.

Puckette, Charles, Jr., Ridgewood, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Beam switch for single trace observance. 2,438,717, Mar. 30.
Pulliam, Seeley T., Houston, Tex. Eye speculum. 2,438,646, Mar. 30.
Quinn, Arthur H., Dorchester, Mass., assignor to Universal Shoe Corporation, Sanford, Maine. Platform type shoe and making same. 2,438,821, Mar. 30.
Quirk, Earl W., and A. R. Buchholz, assignors to Brandt Automatic Cashier Company, Watertown, Wis. Starting control for coin counting machines. 2,438,822, Mar. 30.
Radio Corporation of America, assignee: *See*—
Braden, Rene A.
Lakatos, Louis L.
Sziklai, George C.
Tolson, William A.
Turner, Alfred H.
Wolff, Irving.
Railroad Products Company, assignee: *See*—
McGarry, John T.
Ranson, Richard R., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for electric motors. 2,438,647, Mar. 30.
Rasmussen, Clarence T.: *See*—
Walz, Claude W., Rasmussen, and Griff.
Rattay, Stephen, New York, N. Y. Gas distributing safety device. 2,438,619, Mar. 30.
Ray, William A., Glendale, Calif., assignor to General Controls Co. Thermocouple for pilot burners. 2,438,575, Mar. 30.
Raymond Concrete Pile Company, assignee: *See*—
Upson, Maxwell M., and Watt.
Raytheon Manufacturing Company, assignee: *See*—
Spencer, Percy L.
Rea, Wilton T.: *See*—
Bascom, Henry M., Massonneau, Ostendorf, and Rea.
Reed, Stephen A., Duxbury, assignor to Plymouth Cordage Company, North Plymouth, Mass. Rope. 2,438,864, Mar. 30.
Reese, Jay R., Hamburg, Iowa. Knife sharpener. 2,438,681, Mar. 30.
Rehard, Leonard A., Kansas City, Mo. Rapid electric fluid heater. 2,438,865, Mar. 30.
Reid, Ebenezer E.: *See*—
Meadow, Jacob R., and Reid.
Reiff, Orland M., and H. J. Andress, Jr., Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,438,876, Mar. 30.
Republic Steel Corporation, assignee: *See*—
Farrow, Cecil.
Resek, Marc, and T. B. Focke, Cleveland Heights, and J. R. Kirkpatrick, South Euclid, assignors to Perfection Stove Company, Cleveland, Ohio. Electrical igniter for pot-type liquid fuel burners. 2,438,823, Mar. 30.
Rich, George R., assignor to Rich Manufacturing Corporation, Battle Creek, Mich. Alloyed steel. 2,438,824, Mar. 30.
Rich Manufacturing Corporation, assignee: *See*—
Rich, George R.
Richards, Ward F.: *See*—
Snadecki, Clarence W., and Richards.
Rifenberg, Milo, Constantine, Mich. Siding tool. 2,438,766, Mar. 30.
Roberts, Pearlie B., Tyler, Tex. Method and materials for cleaning oil wells and equipment. 2,438,682, Mar. 30.
Robie, Norman P., and F. E. Sheibley, Lewiston, assignors to The Carborundum Company, Niagara Falls, N. Y. Polymers of unsaturated oxy silicols. 2,438,520, Mar. 30.
Robinson, E. S. & A., Limited, assignee: *See*—
Nicholas, John.
Rockwell, Albert M., Glastonbury, and A. H. Beaufrere, Manchester, assignors to United Aircraft Corporation, East Hartford, Conn. Impeller mounting. 2,438,866, Mar. 30.
Rockwell, Albert M., Glastonbury, and A. H. Beaufrere, Manchester, assignors to United Aircraft Corporation, East Hartford, Conn. Assembling shrouds on impellers. 2,438,867, Mar. 30.
Rodack, James, and H. E. Bauer, Detroit, Mich. Photoprint washer. 2,438,648, Mar. 30.
Rohrer, Frederick F., Jr., Philadelphia, Pa., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,438,683, Mar. 30.
Rose Brothers (Gainsborough) Limited, assignee: *See*—
Kay, James A.
Rost, Helge F., Djursholm, K. H. Thunell, Nockeby, S. D. Vigren, Stockholm, and P. H. E. Claesson, Jakobsberg, Sweden. Device for locating and following of objects. 2,438,576, Mar. 30.
Roth, Bert W., Riverdale, assignor to Trans-Lux Corporation, New York, N. Y. Selector. 2,438,825, Mar. 30.
Rothman, Alex, Bronx, N. Y. Medicine dropper. 2,438,577, Mar. 30.
Roy, Albert E., Los Angeles, Calif. Compound master cylinder. 2,438,649, Mar. 30.
Runyan, Jefferson T., Downey, Calif. Bumper. 2,438,578, Mar. 30.
Russell, Albert A., Phoenix, Ariz. Sliding ladder jack. 2,438,791, Mar. 30.
Russell, Robert C., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Clutch and brake device for a two-speed axle construction. 2,438,620, Mar. 30.
Rust, John B.: *See*—
MacKenzie, Charles A., and Rust.
Rutherford, Robert E.: *See*—
Koch, Stanley J., and Rutherford.
Sabaneeff, Sophie, New York, N. Y. Woman's protective hosiery and shoe covering. 2,438,826, Mar. 30.
Saco, Felix, Jr., West Hartford, and W. R. Williamson, assignors to The Maxim Silencer Company, Hartford, Conn. Automatic control for waste heat utilizers. 2,438,719, Mar. 30.
Salmi, Douglas S.: *See*—
Archer, James O., and Salmi.
Sandrik, John J., Chicago, Ill. Hand guard for welding apparatus. 2,438,792, Mar. 30.
Saulnier, Raymond, Paris, France. Construction of retractable landing gear. 2,438,650, Mar. 30.
Schink, Norbert F.: *See*—
Kerr, Ralph W., and Schink.
Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Pull clasp. 2,438,651, Mar. 30.
Schlegel Manufacturing Company, The, assignee: *See*—
Schlegel, Charles P.
Schock, Gusmer & Co., Inc., assignee: *See*—
Weiss, Hans H., and Tabacchi.
Schoeppel, John F., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electric motor structure for gyroscopes. 2,438,621, Mar. 30.
Schouwstra, Pieter, Eindohaven, Netherlands, assignor to General Electric Company, Schenectady, N. Y. Electric gas discharge tube. 2,438,579, Mar. 30.
Schuck, Oscar H., Belmont, Mass., assignor to the United States of America as represented by the Secretary of the Navy. Compensator for doppler effect. 2,438,580, Mar. 30.
Schwarzkopf, Emil, Los Angeles, Calif. Joint for artificial limbs. 2,438,581, Mar. 30.
Scoles, Graham J.: *See*—
Dodds, John M., and Scoles.
Seeburg, J. P., Corporation, assignee: *See*—
Eakins, John F.
Seely Instrument Co., Inc., assignee: *See*—
Sutherland, Eugene B.
Servel, Inc., assignee: *See*—
Andersson, Sven W. E.
Shaffer, Max A.: *See*—
Elvin, William J., Shaffer, and Stahl.
Sharpless, William M., Fair Haven, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Crystal frequency converter. 2,438,521, Mar. 30.
Shaw, Jack, assignee: *See*—
Custin, Thomas G., and Stoneman.
Sheaffer, Warren A.: *See*—
Clark, Charles W., and Sheaffer.
Sheibley, Fred E.: *See*—
Roble, Norman P., and Sheibley.
Shell Development Company, assignee: *See*—
Ballard, Seaver A., and Winkler.
Shoffner, John R., Kittanning, Pa. Dust collector vibrator. 2,438,827, Mar. 30.
Sims, Clair W., Pasadena, Calif. Stencil assembly with removable backing and facing sheets. 2,438,828, Mar. 30.
Singer, Grover C., Brownsville, Tex. Electric lamp. 2,438,684, Mar. 30.
Singer Manufacturing Company, The, assignee: *See*—
Fuge, Harry B.
Wood, Alfred R.
Skolnik, Max, assignor to L. A. Fish, Chicago, Ill. Wheeled carriage. 2,438,829, Mar. 30.
Smith, Edward W., Melrose, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. Geometrical computing device. 2,438,522, Mar. 30.
Smith, Marvin M., assignor to Muncie Gear Works, Inc., Muncie, Ind. Deep well circuit for heat pumps. 2,438,720, Mar. 30.
Smith, Roland L., Belmont, Mass. Utility device for signalling waiters in hotel dining rooms, etc. 2,438,652, Mar. 30.
Snadecki, Clarence W., and W. F. Richards, Bethlehem, Pa., assignors to Bethlehem Steel Company. Radiation pyrometer housing for furnaces. 2,438,830, Mar. 30.
Socony-Vacuum Oil Company, Incorporated, assignee: *See*—
Meadow, Jacob R., and Reid.
Reiff, Orland M., and Andress.
Solar Aircraft Company, assignee: *See*—
Cairns, Thomas W.
Southerwick, Harold I., assignor to The Do All Company, Des Plaines, Ill. Continuous flow pasteurizer. 2,438,582, Mar. 30.
Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Method of sealing electrical discharge tubes. 2,438,721, Mar. 30.
Spersel, Robert H., assignor to The Whitney Blake Company, Hamden, Conn. Reducing the surface-adhesiveness of articles. 2,438,622, Mar. 30.

Spleth, Benjamin, assignor to Modine Manufacturing Company, Racine, Wis. Heating element and support therefor. 2,438,767, Mar. 30.

Sprunce, Frank P., Jr., assignor to American Chemical Paint Company, Ambler, Pa. Composition for and coating aluminum. 2,438,877, Mar. 30.

Stahl, Elmer R.: *See*—
Elvin, William J., Shaffer, and Stahl.

Standard Oil Development Company, assignee: *See*—
Tyson, Charles W.

Standard Telephones and Cables Limited, assignee: *See*—
Power, Stephen J.

Stange, Ferdinand F., assignor to Foster Machine Company, Westfield, Mass. Yarn winding machine. 2,438,722, Mar. 30.

Stanimir, William, assignor to Victoria Precision Works Company Limited, Montreal, Quebec, Canada. Ski attachment. 2,438,623, Mar. 30.

Steghart, Fritz L., and D. C. Gall, South Norwood, London, S. E. 25, assignors to Tinsley (Industrial Instruments) Limited, London, England. Equipment for carrying out polarographic analysis. 2,438,583, Mar. 30.

Stein, James H.: *See*—
Gibbs, Clifford J., and Stein.

Stelzer, William, Summit, N. J. Hydraulic brake mechanism. 2,438,723, Mar. 30.

Stenglein, Karl, Saginaw, Mich. Apparatus with rotatable head and belt for supporting containers and with means for closing containers. 2,438,624, Mar. 30.

Stephenson, Harry B., Jr.: *See*—
Turbett, Forrest L., and Stephenson.

Sternbach, Leo H., Montclair, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Epimerizing calcium d-arabonate. 2,438,881, Mar. 30.

Sternbach, Leo H., Montclair, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Recovery of ribonolactone. 2,438,882, Mar. 30.

Stevens, Don E., assignor to Hammond Aircraft Company, South San Francisco, Calif. Joining thermoplastic pieces. 2,438,685, Mar. 30.

Stewart, Meredith M., Beacon, assignor to The Texas Company, New York, N. Y. Preparation of nonsintered iron catalyst. 2,438,584, Mar. 30.

Stewart, William A., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Apparatus for varying the frequency of resonant cavities. 2,438,768, Mar. 30.

Stone, Albert R., Baltimore, Md. Multiple motor. 2,438,686, Mar. 30.

Stone, Clifford C., assignee: *See*—
Barks, William.

Stone, Jay C., Clayton, Wash. Raker sharpening gauge. 2,438,687, Mar. 30.

Stoneman, Robert G.: *See*—
Custin, Thomas G., and Stoneman.

Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Laterally adjustable gang plow. 2,438,625, Mar. 30.

Strickland, Royce M., assignor to The Geometric Tool Company, New Haven, Conn. Collapsing tap. 2,438,626, Mar. 30.

Stuckert, Felix J., Wauwatosa, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Die-cast piston. 2,438,585, Mar. 30.

Submarine Signal Company, assignee: *See*—
Smith, Edward W.
Waterman, Charles H.

Sulphite Products Corporation, assignee: *See*—
Pearl, Irwin A.

Sulzer Freres, Societe Anonyme, assignee: *See*—
Zollikofer, Otto.

Sutherland, Eugene B., assignor to Seely Instrument Co., Inc., Akron, Ohio. Time cycle controller. 2,438,724, Mar. 30.

Swanson, Earl E., assignor to R. C. Swanson, North Hollywood, Calif. Lap. 2,438,688, Mar. 30.

Swanson, Ruth C., assignee: *See*—
Swanson, Earl E.

Sylvania Electric Products Inc., assignee: *See*—
McCarthy, Henry J.

Sziklai, George C., Princeton, N. J., assignor to Radio Corporation of America. Color analyzing circuit. 2,438,586, Mar. 30.

Sziklai, George C., Princeton, N. J., assignor to Radio Corporation of America. Voltage regulating rectifying circuits. 2,438,831, Mar. 30.

Tabacchi, Steve A.: *See*—
Weiss, Hans H., and Tabacchi.

Tamarin, Abraham H., Chicago, Ill. Dental inlay. 2,438,725, Mar. 30.

Taylor, Augustus H., East Cleveland, Ohio, assignor to General Electric Company. Phototube containing means to counteract negative wall charges. 2,438,587, Mar. 30.

Tecnica Industrial Y Comercial Sociedad Anonima Tecosa, assignee: *See*—
Fabiá, Manuel A. G.

Texaco Development Corporation, assignee: *See*—
Gibbs, Clifford J., and Stein.

Texas Company, The, assignee: *See*—
Goldsby, Arthur R., and Watson.
Stewart, Meredith M.

Theg, Wilfred R., Glasgow, Scotland. Hand truck for heavy articles. 2,438,726, Mar. 30.

Thomas, Asa E., assignor of one-half to J. A. Dunn, Miami, Fla. Colostomy appliance. 2,438,769, Mar. 30.

Thomson, Alex, administrator: *See*—
White, Sidney Y.

Thunell, Karl H.: *See*—
Rost, Helge F., Thunell, Vigren, and Claesson.

Tillman, John E., Stratford, Conn., assignor to General Electric Company. Adjustable mutual coupling. 2,438,770, Mar. 30.

Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,438,523, Mar. 30.

Tinnerman Products, Inc., assignee: *See*—
Hartman, Richard A.
Tinnerman, George A.

Tinsley (Industrial Instruments) Limited, assignee: *See*—
Steghart, Fritz L., and Gall.

Tolson, William A., Princeton, N. J., assignor to Radio Corporation of America. System for comparison or analysis of information. 2,438,588, Mar. 30.

Topjian, Daniel, Watertown, Mass. Garment protector. 2,438,771, Mar. 30.

Trans-Lux Corporation, assignee: *See*—
Roth, Bert W.

Trier, Vernon A., London, England. Method and apparatus for atomizing liquids. 2,438,868, Mar. 30.

Trinity Holding Corporation, assignee: *See*—
Bowles, Albert F., and Keegel.

Troubh, Bernard, Portland, Maine. Automatic lighter. 2,438,727, Mar. 30.

Turbett, Forrest L., and H. B. Stephenson, Jr., Joplin, Mo., assignors to The Eagle-Picher Company, Cincinnati, Ohio. Raw material for ceramic glazes. 2,438,524, Mar. 30.

Turner, Alfred H., Collingswood, N. J., assignor to Radio Corporation of America. Oscillator for centimeter waves. 2,438,832, Mar. 30.

Tyson, Charles W., Summit, N. J., assignor to Standard Oil Development Company. Temperature control in fluidized catalyst systems. 2,438,728, Mar. 30.

Union Machine Company, assignee: *See*—
O'Neill, Edward M.

United Aircraft Corporation, assignee: *See*—
Cole, Gilmoure N.
Rockwell, Albert M., and Beaufrere.

United Shoe Machinery Corporation, assignee: *See*—
Ashworth, Fred.

Universal Oil Products Company, assignee: *See*—
Kanhofer, Elmer R.
Linn, Carl B., and Mavity.
Mattox, William J.

Universal Shoe Corporation, assignee: *See*—
Quinn, Arthur H.

Upson, Maxwell M., Englewood, and E. D. Watt, Plainfield, N. J., assignors to Raymond Concrete Pile Company, New York, N. Y. Concrete pile with bulb at lower end. 2,438,729, Mar. 30.

Van de Kamp, Jacob: *See*—
Miller, Stewart M., and Van de Kamp.

Vandervoort, Lorain N.: *See*—
Parker, Arthur L., and Vandervoort.

Victoria Precision Works Company Limited, assignee: *See*—
Stanimir, William.

Vigren, Sten D.: *See*—
Rost, Helge F., Thunell, Vigren, and Claesson.

Vitarama Corporation, The, assignee: *See*—
Waller, Fred.

Vogel, Max, Bridgeport, Conn. Nailing device and nails inserted thereby. 2,438,793, Mar. 30.

Waara, Otto M., Detroit, Mich. Cabinet with door actuated shelf. 2,438,772, Mar. 30.

Waldman, M. L., assignee, et al.: *See*—
Weiss, Solomon.

Walker, Elwood C., Caldwell, N. J., assignor to Curtiss-Wright Corporation. Electric strain gage. 2,438,589, Mar. 30.

Waller, Fred, Huntington, assignor to The Vitarama Corporation, Huntington Station, Long Island, N. Y. Method and apparatus for projecting motion pictures. 2,438,878, Mar. 30.

Wallis Tin Stamping Company Limited, The, assignee: *See*—
Williams, Arthur J., and Dyson.

Walters, Frederick E., Chicago, Ill. Soldering iron. 2,438,525, Mar. 30.

Walsh, Ralph, assignee: *See*—
Martin, Earnest E.

Walz, Claude W., Avondale, Colo., and C. T. Rasmussen, Moline, and R. D. Grift, Rock Island, assignor to Deere & Company, Moline, Ill. Beet harvester. 2,438,627, Mar. 30.

Ware, Charles M., Salt Lake City, Utah. Scales. 2,438,653, Mar. 30.

Waring, Arthur, Birmingham, England. Packing or sealing ring. 2,438,794, Mar. 30.

Warlick, Sam J., Kiowa, Kans. Ball cleaning and polishing device. 2,438,773, Mar. 30.

Wartes, Lloyd L., Opportunity, Wash. Heat storing hot-air circulating apparatus. 2,438,834, Mar. 30.

Waterman, Charles H., South Portland, Maine, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass. System for determining the direction of a source of sound. 2,438,526, Mar. 30.

Watt, Elihu D.: *See*—
Upson, Maxwell M., and Watt.

Watter, Michael, Philadelphia, Pa. Computing device. 2,438,730, Mar. 30.

Weatherhead Company, The, assignee: *See*—
Boyland, Charles H.

Wedeking, Lorenz A., assignor to The Lake Manufacturing Company, Inc., Clear Lake, Iowa. Stock oiler. 2,438,731, Mar. 30.

Weimar, Hans C., assignor to Brown and Sharpe Manufacturing Company, Providence, R. I. Cross-feed mechanism. 2,438,835, Mar. 30.

Weiss, Hans H., and S. A. Tabacchi, Seattle, Wash., assignors to Schock, Gusmer & Co., Inc., Hoboken, N. J. Hop separator. 2,438,590, Mar. 30.

Weiss, Solomon, Cleveland Heights, Ohio, assignor to M. M. Marcus, M. L. Waldman, and S. Weiss. Refrigerated clothes vault. 2,438,869, Mar. 30.

Werner, Le Roy L., Washington, D. C. Conveyor support. 2,438,527, Mar. 30.

Western Electric Company, Incorporated, assignee: *See*—
Larsen, Einer W.
Lundeen, Carl V.

Wheary, George H., Jr., assignor to Wheary, Incorporated, Racine, Wis. Edge guard for hand luggage. 2,438,591, Mar. 30.

Wheary, Incorporated, assignee: *See*—
Wheary, George H., Jr.

Wheeler, Harold A., Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Wave-guide system. 2,438,795, Mar. 30.

White, Sidney Y., deceased, Wilmette, assignor to V. S. Johnson, Chicago, Ill.; A. Thomson, administrator. Electrical condenser. 2,438,592, Mar. 30.

Whitehead, Earl B., assignor to Atlantic Carton Corporation, Norwich, Conn. Carton for vacuum bottle fillers. 2,438,879, Mar. 30.

Whitney Blake Company, The, assignee: *See*—
Sperzel, Robert H.

Whitney, Charles A.: *See*—
Fox, Raymond S., and Whitney.

Wilhelm, Warner F. and Warren F., Chicago, Ill.; said Warner F. Wilhelm assignor to said Warren F. Wilhelm. Method and apparatus for molding and draining concrete. 2,438,528, Mar. 30.

Wilhelm, Warren F.: *See*—
Wilhelm, Warner F. and Warren F.

Williams, Arthur J., Poole, and W. J. Dyson, Bournemouth, assignors of one-third to The Wallis Tin Stamping Company Limited, Poole, England. Container and closure therefor. 2,438,689, Mar. 30.

Williams, Duncan R.: *See*—
Anderson, Frank J., and Williams.

Williams, Paul D., Palo Alto, assignor to Eitel-McCullough, Inc., San Bruno, Calif. Electron tube cathode. 2,438,732, Mar. 30.

Williamson, William R.: *See*—
Saco, Felix, Jr., and Williamson.

Winkler, De Loss E.: *See*—
Ballard, Seaver A., and Winkler.

Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Pulse echo distance measuring system. 2,438,836, Mar. 30.

Wood, Alfred R., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread pull-off mechanisms for sewing machines. 2,438,833, Mar. 30.

Wood, Henry W.: *See*—
Kendall, John D., Wood, and Majer.

Woodling, George V., Cleveland, Ohio. Sleeve nut coupling. 2,438,529, Mar. 30.

Woodling, George V., Cleveland, Ohio. Coupling member. 2,438,530, Mar. 30.

Wright, Ben W., Mountain Lakes, N. J., assignor to Curtiss-Wright Corporation. Welding method and apparatus. 2,438,593, Mar. 30.

Yerkes, John A., New York, N. Y. Pencil sharpener. 2,438,628, Mar. 30.

Yorke, Robert P., New Orleans, La. Automatic water level control. 2,438,733, Mar. 30.

Zapart, Bruno J., Chicago, Ill., and R. A. Mack, Phoenix, Ariz. Evaporative cooler. 2,438,594, Mar. 30.

Zimmerman, Frank A., Oak Park, Ill. Governor. 2,438,734, Mar. 30.

Zollikofer, Otto, St. Gallen, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Positively operating dobby. 2,438,796, Mar. 30.

Zottu, Paul D., Indian Hills, assignor to The Girdler Corporation, Louisville, Ky. High-frequency generator. 2,438,595, Mar. 30.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 30TH DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Downspout hooks and articles formed thereby, Making. M. Rachlin. Re. 22,992, Mar. 30.

LIST OF DESIGN INVENTIONS

Beverage producer, Automatic. H. Richards. 149,146, Mar. 30.
Block, Multiple clothespin. W. T. Christmas. 149,110, Mar. 30.
Bracelet or similar article. A. Katz. 149,128, Mar. 30.
Brassière. P. Amyot. 149,102, Mar. 30.
Brush, Floor. A. L. Le Febvre. 149,134, Mar. 30.
Cabinet for sound reproducing devices. G. Kende. 149,131–2, Mar. 30.
Circulator, Air. J. W. Kisling. 149,133, Mar. 30.
Clothespin. W. H. Coble. 149,111, Mar. 30.
Educational appliance. E. Berman. 149,106, Mar. 30.
Electric switch housing. P. A. Celander. 149,100, Mar. 30.
Film viewer, Photographic. I. J. Grey. 149,123, Mar. 30.
Fishing lure. J. R. Moore. 149,136, Mar. 30.
Frame, Picture. A. G. Golden. 149,120–1, Mar. 30.
Game board, Puzzle. L. D. Gallegos and H. J. Byrnes. 149,118, Mar. 30.
Head, Golf club. L. J. Weatherington. 149,156, Mar. 30.
Head, Sewing machine. W. F. Nessen. 149,137, Mar. 30.
Head, Sewing machine. J. O. Reinecke. 149,145, Mar. 30.
Heater. C. A. Fowler. 149,115, Mar. 30.
Heater, Stock tank. J. K. Newhall. 149,138, Mar. 30.
Helicopter. E. F. Katzenberger and M. E. Glubareff. 149,130, Mar. 30.
Holder, Baby bottle. L. Breslow. 149,108, Mar. 30.
Iron, Electric. A. Troy. 149,153, Mar. 30.
Lamp, Fluorescent desk. J. F. Poor and C. T. Baxter. 149,142, Mar. 30.
Lamp or similar article, Spot. N. E. Hewitt. 149,124, Mar. 30.
Life preserver. B. M. Wilber. 149,158, Mar. 30.
Lighter, Cigarette. A. Saffron. 149,148, Mar. 30.
List finder. A. E. Pollock. 149,141, Mar. 30.
Muff, Ear. E. Schwartz. 149,150, Mar. 30.
Ornament, Automobile hood A. R. Russell. 149,147, Mar. 30.
Pan, Animal watering. P. D. Southworth. 149,151, Mar. 30.
Paper weight, Transparent. J. G. Funfrock. 149,116–17, Mar. 30.
Pin, Lapel. F. J. Pearsall. 149,140, Mar. 30.
Pistol. J. F. Dilie. 149,113, Mar. 30.
Rack, Garden tool. D. McCann, I. Berlin, and F. L. Graham. 149,135, Mar. 30.
Rack, Necktie. A. L. Atkins. 149,103, Mar. 30.
Rack, Shoe. A. S. Darby. 149,112. Mar. 30.
Receptacle for cosmetics and other articles. W. A. Dion. 149,114, Mar. 30.
Reel, Trolling. W. H. Thompson. 149,152, Mar. 30.
Rug. L. Biva. 149,107, Mar. 30.
Setting or similar article, Gem. J. H. Schaeffer. 149,149, Mar. 30.
Shoe or similar article, Men's athletic. R. A. Parker. 149,139, Mar. 30.
Shrine or similar article and case therefor, Combined. W. T. Jones. 149,126, Mar. 30.
Soap and wash cloth display device, Novelty. J. G. Johns. 149,125, Mar. 30.
Spoon or other article of flatware. W. S. Warren. 149,154–5, Mar. 30.
Sulky. A. B. White. 149,157, Mar. 30.
Tailpipe extension, Automobile. G. M. Goodwin. 149,122, Mar. 30.
Toaster. C. Karstadt. 149,127, Mar. 30.
Toy or similar article, Trundle. B. Katz. 149,129, Mar. 30.
Tray, Ash. B. J. Potter. 149,143, Mar. 30.
Tray, Grooming. B. J. Barnett. 149,105, Mar. 30.
Vase or article of similar nature, Wall. C. Potts. 149,144, Mar. 30.
Visor or similar article, Automotive. C. A. Baratelli, T. W. F. Chin, and H. A. Marsh. 149,104, Mar. 30.
Washing machine or similar article. P. E. Geldhof. 149,119, Mar. 30.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 30TH DAY OF MARCH, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrading machine. T. G. Custin and R. G. Stoneman. 2,438,543, Mar. 30.
Adjustable anvil for micrometer calipers. H. Pollitt. 2,438,765, Mar. 30.
Adjustable mutual coupling. J. E. Tillman. 2,438,770, Mar. 30.
Alloy: *See*—
Nonferrous alloy.
Alumina utilizing kaolin, marl, and related materials, Making. F. J. Anderson and D. R. Williams. 2,438,488, Mar. 30.
Anemometer. A. T. Newell. 2,438,674, Mar. 30.
Angle calculator for structural members. J. T. Hogue. 2,438,667, Mar. 30.
Apparatus for inserting valve elements. E. E. Martin. 2,438,642, Mar. 30.
Apparatus for removing random fluctuation from intensity measurements. C. J. Gibbs and J. H. Stein. 2,438,747, Mar. 30.
Apparatus for treatment of travelling materials with fluid media. W. J. Elvin, M. A. Shaffer, and E. R. Stahl. 2,438,549, Mar. 30.
Apparatus for use in erecting masonry. E. G. Malthouse. 2,438,613, Mar. 30.
Apparatus for varying the frequency of resonant cavities. W. A. Stewart. 2,438,768, Mar. 30.
Apparatus with rotatable head and belt for supporting containers and with means for closing containers. K. Stenglein. 2,438,624, Mar. 30.
Articulated ice tray grid. S. W. E. Andersson. 2,438,487, Mar. 30.
Atomizing liquids, Method and apparatus for. V. A. Trier. 2,438,868, Mar. 30.
Auto parts washer. V. N. Albertson. 2,438,654, Mar. 30.
Automatic control for waste heat utilizers. F. Saco, Jr., and W. R. Williamson. 2,438,719, Mar. 30.
Automatic dimpler. E. V. Christensen. 2,438,842, Mar. 30.
Automatic lighter. F. P. Bushman. 2,438,632, Mar. 30.
Automatic lighter. B. Troubh. 2,438,727, Mar. 30.
Automatic water level control. R. P. Yorke. 2,438,733, Mar. 30.
Auxiliary transmission and power take-off, Combined. C. A. Cook. 2,438,539, Mar. 30.
Axial air gap machine. G. R. Anderson. 2,438,629, Mar. 30.
Ball cleaning and polishing device. S. J. Warlick. 2,438,773, Mar. 30.
Band for garments. H. Hardie. 2,438,804, Mar. 30.
Barometric fuze. H. C. Hebard. 2,438,853, Mar. 30.
Basket. W. W. Dale. 2,438,844, Mar. 30.
Bathroom equipment. A. T. Hesse. 2,438,665, Mar. 30.
Bicycle handle. M.-M. Dufaux. 2,438,657, Mar. 30.
Billfold, Secret pocket. M. Becker. 2,438,655, Mar. 30.
Boring attachment. E. W. Jackson. 2,438,607, Mar. 30.
Boring tool assembly, Retractable. W. Coulson. 2,438,741, Mar. 30.
Box: *See*—
Letter box.
Bubble cap structure. T. W. Cairns. 2,438,536, Mar. 30.
Bumper. J. T. Runyan. 2,438,578, Mar. 30.
Butadiene-1,3-acrylonitrile copolymer plasticized with naphthenic acid esters. H. B. Kellog. 2,438,753, Mar. 30.
Cabinet with compartments having interconnected locking means. C. H. Kraft. 2,438,783, Mar. 30.
Cabinet with door actuated shelf. O. M. Waara. 2,438,772, Mar. 30.
Carbon clamp. C. E. Graham. 2,438,803, Mar. 30.
Carbonator. J. O. McMillan. 2,438,714, Mar. 30.
Carburetor. S. F. Hunt. 2,438,702, Mar. 30.
Carriage, Wheeled. M. Skolnik. 2,438,829, Mar. 30.
Carrier: *See*—
Piston wrist pin carrier.
Carroting reagents and process. A. F. Bowles and A. J. Keegel. 2,438,738, Mar. 30.
Cart, Refuse. F. M. Arave and T. W. Nolan. 2,438,596. Mar. 30.
Carton for vacuum bottle fillers. E. B. Whitehead. 2,438,879, Mar. 30.
Cast refractory product. T. E. Field. 2,438,552, Mar. 30.
Cathode-ray tube screen and process. S. J. Koch and R. E. Rutherford. 2,438,668, Mar. 30.
Celery cutter. T. J. Bell. 2,438,598, Mar. 30.
Centrifugally operated switch. H. L. Lambert. 2,438,810, Mar. 30.
Checkerwork for furnaces. J. E. MacDonald. 2,438,814, Mar. 30.
Chuck device, particularly for coal cutting machines. S. Baillie. 2,438,774, Mar. 30.
Chucking machine, Multiple spindle. A. J. Lewis. 2,438,508, Mar. 30.
Circuit: *See*—
Color analyzing circuit.
Electric circuit.
Multiple discharge lamp circuit.
Radio noise rejector circuit.
Circuit control device. J. G. Juhasz. 2,438,609, Mar. 30.
Circuit for electric discharge devices. T. Hehenkamp. 2,438,556, Mar. 30.
Circuit for heat pumps, Deep well. M. M. Smith. 2,438,720, Mar. 30.
Circuit for measuring voltage of an alternating source. R. G. Piety. 2,438,518, Mar. 30.
Circuits for producing electrical impulses at regular recurrence frequencies, Relaxation. J. M. Dodds and G. J. Scoles. 2,438,845, Mar. 30.
Circuits, Voltage regulating rectifying. G. C. Sziklai. 2,438,831, Mar. 30.
Clamp: *See*—
Carbon clamp.
Clamp. L. M. Crook. 2,438,541, Mar. 30.
Clasp, Pull. C. P. Schlegel. 2,438,651, Mar. 30.
Cleaning oil wells and equipment, Method and materials for. P. B. Roberts. 2,438,682, Mar. 30.
Clip: *See*—
Collar clip.
Clips, Terminal. C. J. Fot. 2,438,850, Mar. 30.
Closure for high-pressure vessels. D. P. Meigs. 2,438,513, Mar. 30.
Clutch and brake device for a two-speed axle construction. R. C. Russell. 2,438,620, Mar. 30.
Collar clip. J. R. Palagonia. 2,438,645, Mar. 30.
Color analyzing circuit. G. C. Sziklai. 2,438,586, Mar. 30.
Color process registration table. R. Lawrence. 2,438,639, Mar. 30.
Colostomy appliance. A. E. Thomas. 2,438,769, Mar. 30.
Compact. J. Casalino. 2,438,841, Mar. 30.
Compensator for doppler effect. O. H. Schuck. 2,438,580, Mar. 30.
Composite strip material, Method and apparatus for making. C. A. Mann. 2,438,568, Mar. 30.
Composition for and coating aluminum. F. P. Spruance, Jr. 2,438,877, Mar. 30.
Computing device. M. Watter. 2,438,730, Mar. 30.
Computing device, Geometrical. E. W. Smith. 2,438,522, Mar. 30.
Concentrator having sloping reciprocating table with movable deck. A. B. Bouwer and L. Dorfman. 2,438,775, Mar. 30.
Concrete mixer. M. V. Gilson. 2,438,555, Mar. 30.
Concrete pile with bulb at lower end. M. M. Upson and E. D. Watt. 2,438,729, Mar. 30.
Condenser: *See*—
Electrical condenser.
Connecter: *See*—
Wire connector.
Connector: *See*—
Wire connector.
Construction of retractable landing gear. R. Saulnier. 2,438,650, Mar. 30.
Container and closure therefor. A. J. Williams and W. J. Dyson. 2,438,689, Mar. 30.
Continuous air gage. R. S. Fox and C. A. Whitney. 2,438,696, Mar. 30.
Control mechanism. E. R. Fitch. 2,438,658, Mar. 30.
Control mechanism, Fluid pressure. F. F. Rohrer, Jr. 2,438,683, Mar. 30.
Control mechanism, Transmission. K. M. Armantrout. 2,438,691, Mar. 30.
Controller for electric motors. R. R. Ranson. 2,438,647, Mar. 30.
Conveying mechanism for harvesting machines, Hertzler, Ralph S., Elverson, Pa. 2,438,500, Mar. 30.
Conveyor and excavator, Combined. H. D. Jansen. 2,438,637, Mar. 30.
Conveyor egg washing and drying machine. G. F. Hodson. 2,438,666, Mar. 30.
Conveyor support. L. R. L. Werner. 2,438,527, Mar. 30.
Cooker. R. Groetchen. 2,438,699, Mar. 30.

Cooler: *See*—
Evaporative cooler.
Copolymers of tetrallylsilane. C. A. MacKenzie and J. B. Rust. 2,438,612, Mar. 30.
Copper chromium, arsenic compound for wood preserving. W. McMahon. 2,438,511, Mar. 30.
Copper containing disazo dyestuffs. A. Krèbser and W. Bossard. 2,438,754, Mar. 30.
Coupling: *See*—
Adjustable mutual coupling.
Hose coupling.
Manifold tube coupling.
Sleeve nut coupling.
Coupling member. G. V. Woodling. 2,438,530, Mar. 30.
Cover structure for suitcases, valises, and similar carrying cases. A. Hochner. 2,438,780, Mar. 30.
Cross-feed mechanism. Weimar, Haus C., assignor to Brown and Sharpe Manufacturing Company, Providence, R. I. 2,438,835, Mar. 30.
Cross-field generator. J. W. and W. I. Macfarlane. 2,436,567, Mar. 30.
Cutter: *See*—
Celery cutter.
Crystal frequency converter. W. M. Sharpless. 2,438,521, Mar. 30.
Crystal holder. W. E. Kuenstler. 2,438,708, Mar. 30.
Cyanine dyestuff intermediates. J. D. Kendall. 2,438,705, Mar. 30.
Cyanine dyestuffs. J. D. Kendall. 2,438,782, Mar. 30.
Cylinder, Compound master. A. E. Roy. 2,438,649, Mar. 30.
Decorating pottery ware, Method and apparatus for. W. J. Miller. 2,438,514, Mar. 30.
Dental inlay. A. H. Tamarin. 2,438,725, Mar. 30.
Device for holding articles in roofs of automobiles. R. F. Fowler. 2,438,659, Mar. 30.
Device for locating and following of objects. H. F. Rost, K. H. Thunell, S. D. Vigren, and P. H. E. Claesson. 2,438,576, Mar. 30.
Die-cast piston. F. J. Stuckert. 2,438,585, Mar. 30.
Dispenser. F. De Cesaris. 2,438,602, Mar. 30.
Dispensing apparatus, Liquid. A. L. Grisé. 2,438,698, Mar. 30.
Door and latch for tumbler washers. C. C. Batina. 2,438,597, Mar. 30.
Door lock light. D. B. Dreese. 2,438,847, Mar. 30.
Dough pressing and feeding apparatus. G. N. Le Sage. 2,438,811, Mar. 30.
Drawer pull. E. C. Bullock. 2,438,871, Mar. 30.
Drier: *See*—
Hand drier.
Dropper, Medicine. A. Rothman. 2,438,577, Mar. 30.
Drum for laundry machines, Tumbling. C. C. Batina. 2,438,737, Mar. 30.
Dryer: *See*—
Hand dryer.
Dynamoelectric machine. H. B. Fuge. 2,438,872, Mar. 30.
Edge guard for hand luggage. G. H. Wheary, Jr. 2,438,591, Mar. 30.
Electric circuit. W. H. Bruns. 2,438,535, Mar. 30.
Electric circulating heater. H. F. MacDonald and W. N. Askers. 2,438,670, Mar. 30.
Electric discharge device. T. Hehenkamp. 2,438,557, Mar. 30.
Electric gas discharge tube. P. Schouwstra. 2,438,579, Mar. 30.
Electric heater. J. Neiser. 2,438,861, Mar. 30.
Electric lamp. G. C. Singer. 2,438,684, Mar. 30.
Electric motor structure for gyroscopes. J. F. Schoeppel. 2,438,621, Mar. 30.
Electric strain gage. E. C. Walker. 2,438,589, Mar. 30.
Electric switch operable by alarm clocks. S. Dakoski. 2,438,544, Mar. 30.
Electrical condenser. S. Y. White. 2,438,592, Mar. 30.
Electrical contact brush. E. S. McLarn. 2,438,510, Mar. 30.
Electrical igniter for pot-type liquid fuel burners. M. Resek, T. B. Focke, and J. R. Kirkpatrick. 2,438,823, Mar. 30.
Electrical therapeutic device. F. J. Hart. 2,438,605, Mar. 30.
Electrical treatment apparatus and control. F. Offner. 2,438,875, Mar. 30.
Electrode holder. C. Camilleri. 2,438,840, Mar. 30.
Electromagnetic apparatus. K. H. Fox. 2,438,745, Mar. 30.
Electromagnetic gauge. A. G. and D. B. Ladrach. 2,438,506, Mar. 30.
Electron tube cathode. P. D. Williams. 2,438,732, Mar. 30.
Electrothermal deposition apparatus. W. K. Kearsley. 2,438,561, Mar. 30.
Emulsions, Stabilized silver halide. F. W. H. Mueller. 2,438,716, Mar. 30.
Engine mountings, Forming. R. A. Kropp. 2,438,884, Mar. 30.
Engine nacelle construction. J. S. Johnson. 2,438,806, Mar. 30.
Engraving apparatus. C. V. Lundeen. 2,438,813, Mar. 30.
Epimerizing calcium d-arabonate. L. H. Sternbach. 2,438,881, Mar. 30.
Equipment for carrying out polarographic analysis. F. L. Steghart and D. C. Gall. 2,438,583, Mar. 30.
Evaporative cooler. B. J. Zapart and R. A. Mack. 2,438,594, Mar. 30.
Excavating and loading apparatus. F. Garner. 2,438,660, Mar. 30.
Expansion stud and keeper element. C. V. Booth. 2,438,533, Mar. 30.
Eye speculum. S. T. Pulliam. 2,438,646, Mar. 30.
Fastener stringer and producing the same. L. H. Morin. 2,438,615, Mar. 30.
Fastening device. R. A. Hartman. 2,438,499, Mar. 30.
Fastening device. G. A. Tinnerman. 2,438,523, Mar. 30.
Flim gate. R. H. Larson. 2,438,710, Mar. 30.
Finger exercising machine, Musical automatic. J. Obuchowski. 2,438,820, Mar. 30.
Fuel injection system for internal-combustion engines. L. S. Greenland. 2,438,662–3, Mar. 30.
Fuel oil filling system. F. L. Boylan. 2,438,800, Mar. 30.
Furnace and operating same. F. H. Loftus. 2,438,812, Mar. 30.
Gage: *See*—
Continuous air gage.
Electric strain gage.
Electromagnetic gauge.
Raker sharpening gauge.
Garment protector. D. Topjian. 2,438,771, Mar. 30.
Gas distributing safety device. S. Rattay. 2,438,619, Mar. 30.
Gauge: *See*—
Continuous air gage.
Electric strain gage.
Electromagnetic gauge.
Raker sharpening gauge.
Generator: *See*—
Cross-field generator.
High-frequency generator.
Pulse generator.
Governor. F. A. Zimmerman. 2,438,734, Mar. 30.
Gum, Chewing. E. P. Fenimore. 2,438,551, Mar. 30.
Hair curler. R. J. Mott. 2,438,618, Mar. 30.
Hand dryer. H. W. McLeckie. 2,438,762, Mar. 30.
Hand guard for welding apparatus. J. J. Sandrik. 2,438,792, Mar. 30.
Hand truck for heavy articles. W. R. Theg. 2,438,726, Mar. 30.
Handle: *See*—
Bicycle handle.
Harvester, Beet. C. W. Walz, C. T. Rasmussen, and R. D. Griff. 2,438,627, Mar. 30.
Heat storing hot-air circulating apparatus. L. L. Wartes. 2,438,834, Mar. 30.
Heater: *See*—
Electric circulating heater.
Electric heater.
Rapid electric fluid heater.
Heating element and support therefor. B. Spieth. 2,438,767, Mar. 30.
Higher alkoxy-silicon halides. A. J. Barry. 2,438,736, Mar. 30.
High-frequency generator. P. D. Zottu. 2,438,595, Mar. 30.
High-frequency wave transmitting apparatus. E. F. W. Alexanderson. 2,438,735, Mar. 30.
Highway and street traffic marking and method and apparatus for making same. W. A. Phillips. 2,438,764, Mar. 30.
Hitch. P. H. Harrer. 2,438,749, Mar. 30.
Hitch, Implement. F. M. Fraga. 2,438,553, Mar. 30.
Holder: *See*—
Crystal holder.
Electrode holder.
Hole lapping machine. A. M. Drake. 2,438,695, Mar. 30.
Hop separator. H. H. Weiss and S. A. Tabacchi. 2,438,590, Mar. 30.
Hose coupling. J. W. Hughes. 2,438,750, Mar. 30.
Hosiery and shoe covering, Woman's protective. S. Sabaneeff. 2,438,826, Mar. 30.
House construction, Prefabricated and demountable. H. L. Gogerty. 2,438,604, Mar. 30.
Hydraulic brake mechanism. W. Stelzer. 2,438,723, Mar. 30.
Hydraulic tappet. P. F. Bergmann. 2,438,631, Mar. 30.
Ice removing covering for airfoils. R. G. Campbell. 2,438,693, Mar. 30.
Ignitron welding control. C. Farrow. 2,438,742, Mar. 30.
Impeller mounting. A. M. Rockwell and A. H. Beaufrere. 2,438,866, Mar. 30.
Implement, Fastener-applying. C. M. Lindstrom. 2,438,712, Mar. 30.
Implement, Fastener-applying. A. H. Maynard. 2,438,713, May 30.
Indicating the condition of an atmosphere, Method of and apparatus for. W. F. Ertzman. 2,438,550, Mar. 30.
Inhaler. M. L. Kahn. 2,438,752, Mar. 30.
Injection unit for plastics molding. E. R. Knowles. 2,438,857, Mar. 30.
Ink paste cartridge for ball point fountain pens. D. P. Moore. 2,438,786, Mar. 30.
Innersole and making the same. F. L. Ayers. 2,438,870, Mar. 30.
Iron: *See*—
Soldering iron.
Jack: *See*—
Sliding ladder jack.
Joint for artificial limbs. E. Schwarzkopf. 2,438,581, Mar. 30.

Jumper stick, Hot line. J. W. Garrison. 2,438,746, Mar. 30.
Knife, Gauge. C. E. A. O'Loughlin. 2,438,517, Mar. 30.
Knitting machine. O. Fregeolle. 2,438,697, Mar. 30.
Knot. A. D. Carter. 2,438,537–8, Mar. 30.
Lamp: *See*—
Electric lamp.
Lap. E. E. Swanson. 2,438,688, Mar. 30.
Lens, Tangent cone contact. W. Feinbloom. 2,438,743, Mar. 30.
Letter box. M. McKallick. 2,438,785, Mar. 30.
Levelling tool. N. B. F. Hollander. 2,438,558, Mar. 30.
Light: *See*—
Door lock light.
Lining, Furnace. G. T. Hubbell. 2,438,559, Mar. 30.
Liquid column level. C. C. Leach. 2,438,758, Mar. 30.
Liquid-fuel combustion chamber. W. H. Lindsey and S. Allen. 2,438,858, Mar. 30.
Loop antenna apparatus. W. J. Polydoroff. 2,438,680, Mar. 30.
Lubricating internal-combustion engines. E. Moore. 2,438,816, Mar. 30.
Manifold tube coupling. A. L. Parker. 2,438,679, Mar. 30.
Manufacture of cardboard boxes. H. P. McGovern. 2,438,509, Mar. 30.
Manufacture of catalysts. E. R. Kanhofer. 2,438,560, Mar. 30.
Manufacture of composite steel plates. B. Liebowitz. 2,438,759, Mar. 30.
Manufacture of ceramic materials of high permittivity. E. C. Martin. 2,438,761, Mar. 30.
Manufacture of phenols. C. A. Cross. 2,438,694, Mar. 30.
Manufacture of strain-insensitive steel. H. M. Banta. 2,438,798, Mar. 30.
Measuring system, Pulse echo distance. I. Wolff. 2,438,836, Mar. 30.
Meter mounting. J. L. Ford. 2,438,497, Mar. 30.
Method and material for the production of toy balloons. J. G. Jakobsen. 2,438,854, Mar. 30.
Mineral oil composition. O. M. Reiff and H. J. Andress, Jr. 2,438,876, Mar. 30.
Mitten. H. E. Lindfelt. 2,438,611, Mar. 30.
Mixer: *See*—
Concrete mixer.
Mixing apparatus. E. M. O'Neill. 2,438,574, Mar. 30.
Modifying starch. R. W. Kerr and N. F. Schink. 2,438,855, Mar. 30.
Molding and draining concrete, Method and apparatus for. W. F. and W. F. Wilhelm. 2,438,528, Mar. 30.
Molding machine, Injection. E. R. Knowles. 2,438,856, Mar. 30.
Monitoring and measuring apparatus for frequency modulated signals. R. A. Braden. 2,438,801, Mar. 30.
Motor: *See*—
Multiple motor.
Motor linearly actuated, Geared. C. D. Davidson. 2,438,545, Mar. 30.
Motor fuel power induction device. W. F. Krenzke. 2,438,669, Mar. 30.
Mounting: *See*—
Impeller mounting.
Meter mounting.
Mounting element for machines or the like. R. K. Lee. 2,438,757, Mar. 30.
Multiple discharge lamp circuit. E. Lemmers. 2,438,564, Mar. 30.
Multiple motor. A. R. Stone. 2,438,686, Mar. 30.
Multistage alkylation method. A. R. Goldsby and C. W. Watson. 2,438,852, Mar. 30.
Nailing device and nails inserted thereby. M. Vogel. 2,438,793, Mar. 30.
Nitrated estrogenic hormones. J. B. Niederl. 2,438,819, Mar. 30.
Nonferrous alloy. C. O. Prest. 2,438,863, Mar. 30.
Oil composition, Lubricating. E. S. Blake. 2,438,599, Mar. 30.
Oiler, Stock. L. A. Wedeking. 2,438,731, Mar. 30.
Organic compounds serving as cyanine dyestuff intermediates. J. D. Kendall, H. W. Wood, and J. R. Majer. 2,438,704, Mar. 30.
Oscillator for centimeter waves. A. H. Turner. 2,438,832, Mar. 30.
Pack for use in refrigeration anesthesia. H. E. Moore. 2,438,643, Mar. 30.
Packaging machinery. J. A. Kay. 2,438,809, Mar. 30.
Packing or sealing ring. A. Waring. 2,438,794, Mar. 30.
Packless back-seating valve. C. H. Boylan. 2,438,776, Mar. 30.
Pad: *See*—
Traction pad.
Pad for air cooling devices, Moisture retaining. M. E. Marsalis. 2,438,859, Mar. 30.
Paper bag making machinery. J. Nicholas. 2,438,787, Mar. 30.
Paper box forming apparatus. F. D. Palmer. 2,438,788, Mar. 30.
Pasteurizer, Continuous flow. H. I. Southerwick. 2,438,582, Mar. 30.
Percussive tool. W. H. Dean. 2,438,777, Mar. 30.
Phonograph, Multiselective. J. F. Eakins. 2,438,848, Mar. 30.
Photographic process for producing line images. P. W. Bullock. 2,438,494, Mar. 30.
Photoprint washer. J. Rodack and H. E. Bauer. 2,438,648, Mar. 30.
Phototube containing means to counteract negative wall charges. A. H. Taylor. 2,438,587, Mar. 30.
Piston wrist pin carrier. H. Forster. 2,438,849, Mar. 30.
Plate arrangement for preheaters. R. M. Gates. 2,438,851, Mar. 30.
Plow, Laterally adjustable gang. C. G. Strandlund. 2,438,625, Mar. 30.
Plug and jack box switching unit. M. F. Mohler. 2,438,515, Mar. 30.
Plumbing fixture installation. J. D. Langdon. 2,437,507, Mar. 30.
Plunger. L. Beeh. 2,438,839, Mar. 30.
Pneumatic canopy. C. S. Hulton. 2,438,606, Mar. 30.
Pneumatic switch. J. Mehut. 2,438,512, Mar. 30.
Pneumatic torque machine. L. C. Broecker. 2,438,692, Mar. 30.
Polymers of unsaturated oxy silicols. N. P. Robie and F. E. Sheibley. 2,438,520, Mar. 30.
Polystyrene electric insulating materials. A. A. New. 2,438,516, Mar. 30.
Portable small hand tool vise. K. Bagge. 2,438,797, Mar. 30.
Positively operating dobby. O. Zollikofer. 2,438,796, Mar. 30.
Post, Turret tool. A. R. Oberwegner. 2,438,644, Mar. 30.
Preparation of an alumina-group VI oxide catalyst. W. J. Mattox. 2,438,569, Mar. 30.
Preparation of fat soluble vitamins. L. Freedman. 2,438,554, Mar. 30.
Preparation of nonsintered iron catalyst. M. M. Stewart. 2,438,584, Mar. 30.
Production of organic acids. I. A. Pearl. 2,438,789, Mar. 30.
Production of thiophenols. S. A. Ballard and De L. E. Winkler. 2,438,838, Mar. 30.
Production of toluene by catalytic cracking of monoalkyl benzenes. W. J. Mattox. 2,438,570, Mar. 30.
Projecting motion pictures, Method and apparatus for. F. Waller. 2,438,878, Mar. 30.
Propelier assembly. J. B. Grady. 2,438,661, Mar. 30.
Propeller blade, bearing and seal assembly. M. E. Cushman. 2,438,542, Mar. 30.
Protecting the surface of articles formed from a magnesium alloy. C. W. Clark and W. A. Sheaffer. 2,438,740, Mar. 30.
Protector: *See*—
Garment protector.
Pulse generator. W. A. Knoop, Jr. 2,438,706, Mar. 30.
Pulse to rectangular wave converter. L. L. Lakatos. 2,438,638, Mar. 30.
Purification of dehydrocorticosterone acetate. S. M. Miller and J. van de Kamp. 2,438,715, Mar. 30.
Purifying a hydrocarbon material containing a relatively small amount of an organic fluorine compound. C. B. Linn and J. M. Mavity. 2,438,565, Mar. 30.
Push-button tuning control. A. P. Olesky. 2,438,763, Mar. 30.
Radiation pyrometer housing for furnaces. C. W. Snadecki and W. F. Richards. 2,438,830, Mar. 30.
Radio beacon system, Equisignal. W. J. O'Brien. 2,438,573, Mar. 30.
Radio control apparatus. R. C. Marholz. 2,438,760, Mar. 30.
Radio noise rejector circuit. D. L. Hings. 2,438,501, Mar. 30.
Raker sharpening gauge. J. C. Stone. 2,438,687, Mar. 30.
Rapid electric fluid heater. L. A. Rehard. 2,438,865, Mar. 30.
Raw material for ceramic glazes. F. L. Turbett and H. B. Stephenson, Jr. 2,438,524, Mar. 30.
Refrigerated clothes vault. S. Weiss. 2,438,869, Mar. 30.
Regulator: *See*—
Speed regulator.
Remote-control generator circuit. C. Farrow. 2,438,634, Mar. 30.
Removable sanitary belt tab. S. D. Postlethwaite 2,438,790, Mar. 30.
Resilient sealing disc for bottle seals. J. M. B. Marana. 2,438,671, Mar. 30.
Riboflavin solution. M. F. Furter and M. Hoffer. 2,438,880, Mar. 30.
Ribonolactone, Making. L. A. Flexser. 2,438,883, Mar. 30.
Ribonolactone, Recovery of. L. H. Sternbach. 2,438,882, Mar. 30.
Rolling hatch beam assembly. J. G. Deegan. 2,438,846, Mar. 30.
Rope. S. A. Reed. 2,438,864, Mar. 30.
Rotary tiller tooth and mounting. R. A. Kropp. 2,438,707, Mar. 30.
Sack, Fruit picker's. C. G. Miller. 2,438,860, Mar. 30.
Safety shear-pin drive. F. H. and A. G. Nickle. 2,438,676, Mar. 30.
Sawmill, Log- and carriage-locking swinging-saw. E. Lambert. 2,438,610, Mar. 30.
Scales. C. M. Ware. 2,438,653, Mar. 30.
Seal for electric discharge devices and manufacture. E. Kettlewell. 2,438,562, Mar. 30.
Sealing electrical discharge tubes. P. L. Spencer. 2,438,721, Mar. 30.
Selector. B. W. Roth. 2,438,825, Mar. 30.

Separation of asphalt from hydrocarbons. J. R. Meadow and E. E. Reid. 2,438,874, Mar. 30.
Separator: *See*—
Hop separator.
Sewing machine. M. G. Ivandick. 2,438,636, Mar. 30.
Shackle, Poultry. G. W. Johnson. 2,438,608, Mar. 30.
Shank, Extensible tool. J. Condor. 2,438,633, Mar. 30.
Sharpener, Knife. J. R. Reese. 2,438,681, Mar. 30.
Sharpener, Pencil. J. A. Yerkes. 2,438,628, Mar. 30.
Shelf. R. O. Hunt. 2,438,505, Mar. 30.
Shoe and making same, Platform type. A. H. Quinn. 2,438,821, Mar. 30.
Shoe tree. E. H. Greenberg. 2,438,748, Mar. 30.
Shoe with detachable upper. R. A. and G. M. Leach. 2,438,711, Mar. 30.
Shrouds on impellers, Assembling. A. M. Rockwell and A. H. Beaufrere. 2,438,867, Mar. 30.
Siding tool. M. Rifenberg. 2,438,766, Mar. 30.
Sight for firearms, Adjustable. G. F. Davis. 2,438,601, Mar. 30.
Signaling system. H. M. Bascom, R. F. Massonneau, B. Ostendorf, Jr., and W. T. Rea. 2,438,492, Mar. 30.
Ski attachment. W. Stanimir. 2,438,623, Mar. 30.
Sleeve nut coupling. G. V. Woodling. 2,438,529, Mar. 30.
Sliding ladder jack. A. A. Russell. 2,438,791, Mar. 30.
Soldering iron. F. E. Walters. 2,438,525, Mar. 30.
Spark arrester frame for locomotives. B. H. Pedigo. 2,438,862, Mar. 30.
Speed regulator. P. Kemeny. 2,438,703, Mar. 30.
Spinner. S. Nalick. 2,438,817, Mar. 30.
Splint, Heel bone traction. L. E. Hansberry. 2,438,664, Mar. 30.
Spreader, Floor paste wax. A. Corrêa. 2,438,843, Mar. 30.
Stabilized hypochlorite solutions and process therefor. J. Kamlet. 2,438,781, Mar. 30.
Stabilizer for spring mounted vehicles. G. Maxon, Jr. 2,438,571, Mar. 30.
Starting control for coin counting machines. E. W. Quirk and A. R. Buchholz. 2,438,822, Mar. 30.
Steel, Alloyed. G. R. Rich. 2,438,824, Mar. 30.
Stencil assembly with removable backing and facing sheets. C. W. Sims. 2,438,828, Mar. 30.
Stop device for pull apart sliders for separable fasteners. L. H. Morin. 2,438,614, Mar. 30.
Storm attachment for high line tools. D. C. Hubbard. 2,438,504, Mar. 30.
Strand display and transfer reel, Combined. E. P. Hoyle. 2,438,505, Mar. 30.
Stretching or shaping socks and similar foot coverings. N. Barker. 2,438,531, Mar. 30.
Support: *See*—
Conveyor support.
Support for engine cooling fans. G. N. Cole. 2,438,540, Mar. 30.
Supporting structure. H. Long. 2,438,566, Mar. 30.
Surface-adhesiveness of articles, Reducing the. R. H. Sperzel. 2,438,622, Mar. 30.
Switch: *See*—
Centrifugally operated switch.
Pneumatic switch.
Wafer switch.
Switch assembly. E. L. Lees. 2,438,640, Mar. 30.
Switch for single trace observance, Beam. C. Puckette, Jr. 2,438,717, Mar. 30.
Swivel connection. L. G. Ehmann. 2,438,548, Mar. 30.
Synchronizing bomb sight. T. H. Barth. 2,438,532, Mar. 30.
Synchronous repeater unit. D. W. Bloser. 2,438,799, Mar. 30.
System for comparison or analysis of information. W. A. Tolson. 2,438,588, Mar. 30.
System for determining the direction of a source of sound. C. H. Waterman. 2,438,520, Mar. 30.
Table: *See*—
Color process registration table.
Tank, Bait. W. H. Burruss. 2,438,739, Mar. 30.
Tap, Collapsing. R. M. Strickland. 2,438,626, Mar. 30.
Telephone system employing key type call transmitter. G. Deakin. 2,438,496, Mar. 30.
Temperature control in fluidized catalyst systems. C. W. Tyson. 2,438,728, Mar. 30.
Terminal, Cable. V. J. Andrew. 2,438,489, Mar. 30.
Terminal structure for refrigerating apparatus. A. A. McCormack. 2,438,572, Mar. 30.
Tetralyl compounds. F. D. Jones. 2,438,751, Mar. 30.
Thermionic tube having secondary electron emissive electrode with surface and form variations. E. Labin and M. J. Kobilsky. 2,438,709, Mar. 30.
Thermistor circuit interrupter control system responsive to load circuit conditions. P. K. Chatterjea. 2,438,495, Mar. 30.
Thermocouple for pilot burners. W. A. Ray. 2,438,575, Mar. 30.
Thermoplastic pieces, Joining. D. E. Stevens. 2,438,685, Mar. 30.
Thread finger for shoe sewing machines. F. Ashworth. 2,438,491, Mar. 30.
Thread pull-off mechanisms for sewing machines. A. R. Wood. 2,438,833, Mar. 30.
Throttle control system. D. H. Andrews, Jr., and D. E. Lipfert. 2,438,690, Mar. 30.
Throttle control system. D. E. Lipfert. 2,438,718, Mar. 30.
Time cycle controller. E. B. Sutherland. 2,438,724, Mar. 30.
Tobacco-pipe scraping tool. D. A. Palmer. 2,438,678, Mar. 30.
Tool: *See*—
Levelling tool.
Percussive tool.
Siding tool.
Tobacco-pipe scraping tool.
Well tool.
Tool and method for dimpling. J. O. Archer and D. S. Salmi. 2,438,837, Mar. 30.
Tool for applying traction devices on wheels. M. H. Doebert. 2,438,547, Mar. 30.
Tool for setting bushings or inserts. M. J. Flynn. 2,438,744, Mar. 30.
Toolholder. W. Barks. 2,438,630, Mar. 30.
Toothbrush having paste tube on handle. A. Loehr. 2,438,641, Mar. 30.
Torch, Adjustable-electrode arc welding. W. C. Huguley. 2,438,701, Mar. 30.
Toy loading station. O. P. Erhardt. 2,438,603, Mar. 30.
Toy, Wheeled. J. B. Mosher. 2,438,616, Mar. 30.
Traction device. S. M. Crumrine. 2,438,656, Mar. 30.
Traction pad. W. T. Kollmeyer. 2,438,563, Mar. 30.
Transfer device for tube and rod chucks. B. F. Bower. 2,438,600, Mar. 30.
Transportation vehicle. J. E. Bowers. 2,438,534, Mar. 30.
Triangle solver. W. H. Newell and L. S. Brown. 2,438,818, Mar. 30.
Tube: *See*—
Electric gas discharge tube.
Tube forming apparatus. S. R. Geist, Sr., and N. R. Davis. 2,438,408, Mar. 30.
Tubular electrode assembly support for vacuum tubes. S. J. Powers. 2,438,519, Mar. 30.
Tuner for ultra high frequencies. A. Landmann. 2,438,784, Mar. 30.
Turbine system utilizing hot driving gases. J. S. Haverstick. 2,438,635, Mar. 30.
2-Carbalkoxy-3-keto-tetrahydrothiophene process. A. W. D. Avison, F. Bergel, and J. W. Haworth. 2,438,808, Mar. 30.
2-Carbalkoxy-3-keto-tetrahydrothiophene product and process. P. Karrer. 2,438,807, Mar. 30.
Ultra high frequency switching device. H. J. McCarthy. 2,438,873, Mar. 30.
Utensil. J. Davis. 2,438,546, Mar. 30.
Utility device for signalling waiters in hotel dining rooms, etc. R. L. Smith. 2,438,652, Mar. 30.
Valve: *See*—
Packless back-seating valve.
Valve indexing means. W. Margrave. 2,438,672, Mar. 30.
Variable-speed device, Progressive. M. A. G. Fabia. 2,438,778, Mar. 30.
Vase, Ground. A. S. Carlson. 2,438,802, Mar. 30.
Vehicle: *See*—
Transportation vehicle.
Water vehicle.
Vending machine. M. L. Holt. 2,438,502–3, Mar. 30.
Vibrating apparatus. E. W. Larsen. 2,438,755–6, Mar. 30.
Vibrator, Dust collector. J. R. Shoffner. 2,438,827, Mar. 30.
Vulcanizer, Tire casing. V. F. Ostler. 2,438,677, Mar. 30.
Wafer switch. D. P. Mossman, Sr. 2,438,617, Mar. 30.
Warp tension attachment. G. K. Nicholas. 2,438,675, Mar. 30.
Washer: *See*—
Auto parts washer.
Photoprint washer.
Water service apparatus. J. T. McGarry. 2,438,815, Mar. 30.
Water vehicle. E. W. Berger. 2,438,493, Mar. 30.
Wave-guide system. H. A. Wheeler. 2,438,795, Mar. 30.
Welding control system. J. L. Ashford and W. A. Billings. 2,438,490, Mar. 30.
Welding method and apparatus. B. W. Wright. 2,438,593, Mar. 30.
Well tool. T. E. McMahan. 2,438,673, Mar. 30.
Wiper or die for use in the coating of wires. H. C. Hoban. 2,438,700, Mar. 30.
Wire connector. H. L. Gordon. 2,438,779, Mar. 30.
Yarn winding machine. F. F. Stange. 2,438,722, Mar. 30.

CLASSIFICATION OF PATENTS

ISSUED MARCH 30, 1948

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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61.7: 2,438,588
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240— 2.13: 2,438,847
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242— 43: 2,438,722
244— 53: 2,438,806
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248— 22: 2,438,757
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71: Re.22,992
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252— 8.55: 2,438,682
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254— 17: 2,438,766
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287— 58: 2,438,633
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76: 2,438,548
96: 2,438,581
288— 3: 2,438,794
33: 2,438,671
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299— 20: 2,438,859
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This list shows the correct classification of those patents wherein the classification given in the patent head has been changed.

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Condition of Applications Under Examination at Close of Business Mar. 12, 1948

(Total number of applications awaiting action, excluding Trade-Mark Division, 153,011; Trade-Mark Division, 33,564. Oldest new case, Apr. 2, 1946; oldest amended, Mar. 4, 1946.)

DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application awaiting office action: New	Oldest new application awaiting office action: Amended	Applications awaiting action
1. GOLDBERG, A. J., Food Apparatus; Closure Operators; Fences; Gates; Planters; Plows; Harrows and Diggers; Plant Husbandry; Scattering Unloaders; Baths, Closets, Sinks, and Spittoons, Sewerage.	June 15	July 8	3,601
2. HERRMANN, D., Fishing, Trapping and Vermin Destroying; Bee Culture; Dairy; Animal Husbandry; Presses; Tobacco; Textile Wringers, Butchering.	Apr. 19	Apr. 10	4,105
3. MARMELSTEIN, N., Metal Founding and Treatment; Metallurgy (Process and Apparatus)	†June 10	†Jan. 17	1,529
4. BISHOP, WALTER C., Conveyors; Hoists; Handling Apparatus; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Pneumatic Dispatch; Store Service; Mining, Quarrying, and Ice Harvesting.	July 31	July 12	3,610
5. ROBINSON, C. W., Harvesters; Acoustics; Sound Recording; Knotters	Apr. 11	Apr. 22	1,865
6. SURLE, H., Carbon Chemistry (part)	†May 26	†Feb. 12	1,837
7. HANLIN, GEORGE, Optics; Photographic Apparatus	†May 22	†Jan. 28	1,778
8. IMUS, A. E., Furniture; Racks and Cabinets	June 4	May 13	4,093
9. BENSON, R. B., Pumps and Fans; Fluid and Fluid-Current Motors	Aug. 19	Apr. 18	2,363
10. ANDRUS, L. M., Radiant Energy (part, e. g., Portable Radio Sets, Radio Accessories, Detectors, Oscillation Generators, Wave Meters, Tuners); Music; Modulators; Piezo-electric Crystals.	†May 17	†Mar 12	1,397
11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus.	†June 19	†June 20	533
12. SPINTMAN, S., Machine Elements (part); Engine Starters; Motor Control with Clutch or Brake; Transmission with Clutch or Brake.	†May 23	June 20	2,035
13. BEALL, T. E., Gear Cutting, Milling, Planing, Metal Working (part); Needle and Pin Making; Turning	May 21	Apr. 22	2,488
14. FREEHOF, H. B., Metal Working (Bending; Sheet-Metal; Wire; Misc. Processes); Wire Fabrics; Farriery	†Mar. 31	†Jan. 27	1,210
15. HENKIN, B., Plastics; Plastic Block and Earthenware Apparatus; Glass	Oct. 5	May 2	1,951
16. LOVEWELL, N. N., Telegraphy, Telephony	†June 4	Oct. 29	1,851
17. HABECKER, LEON B., Paper Manufactures; Typewriters; Printing; Type Casting and Setting; Sheet Material Associating or Folding; Sheet or Web Feeding.	Oct. 17	May 9	1,867
18. KURZ, J. A., Motors, Expansible-Chamber Type; Power Plants; Speed Responsive Devices; Rotary Internal-Combustion Engines.	Aug. 24	Apr. 12	1,745
19. PATRICK, P. L., Liquid and Gaseous Fuel Burners; Stoves and Furnaces	Aug. 16	Aug. 19	1,880
20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Undertaking; Bread, Pastry, and Confection Making; Bank Protection; Safes; Tents, Canopies, Umbrellas and Canes.	Aug. 1	July 26	2,090
21. MADER, R. C., Textiles	†Apr. 23	†Mar. 17	1,184
22. CARPENTER, B. H., Aeronautics; Firearms; Ordnance	Aug. 26	July 12	1,888
23. LEWIS, J. B., Cash Registers; Calculators and Counters; Education	June 29	May 28	1,322
24. LUSBY, CHARLES, Apparel; Apparel Apparatus; Package and Article Carriers; Sewing Machines	Aug. 6	July 23	2,382
25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Distillation.	†Feb. 24	June 14	1,750
26. YOUNG, R. R., Electricity—Generation and Motive Power	†Mar. 15	Aug. 14	1,463
27. JAMES, S., Brushing, Scrubbing; Fluid Treatment of Textiles (Apparatus); Liquid Treatment of Solids; General Cleaning; Ironing; Brush, Broom and Mop Making.	Oct. 29	Aug. 30	3,053
28. SOLYOM, H. L., Heating; Metallurgical Apparatus; Internal-Combustion Engines (part); Cylinders; Pistons	†Feb. 12	Oct. 25	1,211
29. SHKLARIN, J. B., Baggage; Cloth, Leather, and Rubber Receptacles; Button Making; Woodworking; Tools	Oct. 18	June 21	2,963
30. BISHOFF, A., Automatic Temperature and Humidity Regulation; Illumination; Thermostats and Humidostats; Heating Systems; Ammunition and Explosive Devices.	†Mar. 12	Aug. 5	2,391
31. DUNCOMBE, C. S., Mineral Oils; Carbocyclic or Acyclic Carbon Compounds (part)—e. g., Ketones, Aldehydes, Ethers, Hydroxy Compounds, Hydrocarbons, Halogenated Hydrocarbons.	†June 2	†June 2	2,140
32. LESH, KARL R., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation; Agitating; Wells; Earth Boring.	Sept. 26	Apr. 26	2,917
33. KAUFFMAN, H. E., Bridges; Hydraulic and Earth Engineering; Building Structures; Roads and Pavements	May 25	May 8	3,426
34. SAPERSTEIN, S., Electricity—Transmission to Vehicles; Railways; Track Sanders; Signals and Indicators	Aug. 17	May 29	1,356
35. BROMLEY, E. D., Card and Sign Exhibiting; Dispensing; Filling and Closing Portable Receptacles; Ammunition and Explosive Charge Making.	Oct. 26	July 16	2,875
36. McFADYEN, A. D., Automatic Weighers; Measuring and Testing; Force Measuring	May 14	Apr. 12	2,026
37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	†Apr. 15	Nov. 14	1,496
38. ARNOLD, D., Coating Processes and Apparatus; Coating or Plastic Compositions (part); Rubber	Oct. 10	Sept. 12	1,705
39. WHITNEY, F. L., Fluid-Pressure Regulators; Valves; Water Distribution	Apr. 29	Apr. 8	2,851
40. DRUMMOND, E. J., Receptacles (part); Packages	†Mar. 3	Aug. 14	3,003
41. HERTZ, M., Recorders; Check-controlled Apparatus; Coin Handling; Article Dispensing Cabinets; Deposit Receptacles; Buckles, Buttons, Clasps.	May 4	Apr. 6	2,744
42. MARANS, H., Electric Signaling; Variable Transformer and Reactor Structure; Electricity, Voltage Magnitude and Phase Control Systems.	†June 12	†June 10	881
43. STONE, I. G., Medicines, Poisons and Cosmetics; Explosive Compositions; Sugar and Starch; Bleaching and Dyeing; Fluid Treatment of Textiles; Hides, Skins and Leathers.	†June 2	†May 23	1,440
44. HARVEY, L. P., Refrigeration; Preserving	Apr. 2	Apr. 20	1,321
45. MANTER, W. B., Shafting and Flexible Shaft Couplings; Wheels, Tires, Axles and Wheel Substitutes; Lubrication; Bearings and Guides; Belt and Sprocket Gearing; Spring Devices; Land Vehicles (part); Spring, Weight and Horsepower Motors.	June 6	May 18	2,810
46. MUSHAKE, W. L., Concentrating Evaporators; Fluid Sprinkling, Spraying and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers; Kitchen and Table Articles.	Aug. 1	June 4	1,897

NOTE.—The dates given are 1946 except where † indicates 1947.

(Total number of applications awaiting action, excluding Trade-Mark Division, 153,011; Trade-Mark Division, 33,584. Oldest new case, Apr. 2, 1946; oldest amended, Mar. 4, 1946.)

DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action: New	Amended	Applications awaiting action
47. KANOF, WM. J., Motor Vehicles; Land Vehicles (part); Fluid Pressure Brakes	†May 1	Nov. 15	1,983
48. BERNSTEIN, S., Electricity, General Applications; Electric Igniters	Sept. 6	July 31	1,535
49. SHEFFIELD, E. L., Drying and Gas or Vapor Contact with Solids; Ventilation; Liquid Separation or Purification.	July 15	July 31	1,644
50. LEVIN, SAMUEL, Synthetic Resins	†June 2	Nov. 1	2,306
51. FRIEDMAN, M. H., Radiant Energy (part, e. g., Radio Transmission and Reception, Transmitters, Receivers, Antennae); Radiant Energy Communications.	†Apr. 25	Sept. 16	1,827
52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Pipes and Tubular Conduits.	†Mar. 5	Aug. 8	3,879
53. BRINDISI, M. V., Label Pasting and Paper Hanging; Book Making; Manifolding; Printed Matter; Stationery; Paper Files and Binders; Cutlery; Closures, Partitions and Panels, Flexible and Portable.	July 30	Mar. 15	3,684
54. STRACHAN, O. W., Electric Lamp and Discharge Devices, Systems, Structure, Manufacture and Repair; Light Sensitive Circuits; Ray Energy Applications.	†May 7	Dec. 14	1,852
55. BOWEN, S. T., Artificial Body Members; Dentistry; Surgery; Toilet	†Feb. 25	Apr. 5	1,828
56. COCKERILL, S., Electrical and Wave Energy Chemistry; Paper Making; Acetylene; Gas Mixing	†May 17	†Apr. 1	1,144
57. NICOLSON, G. D., Toys; Amusement and Exercising Devices; Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks.	July 12	May 21	3,600
58. DOWELL, E. F., Abrading; Bottles and Jars; Stone Working; Making Metal Tools and Implements	†Apr. 2	Oct. 8	1,325
59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Heterocyclic Compounds (part).	July 30	June 10	2,103
60. GLASS, R. L., Electricity—Heating; Welding; Furnaces; Battery Charging and Discharging; Consumable Electrode Lamp and Discharge Devices; Resistances and Rheostats; Prime Mover Dynamo Plants.	†May 28	Nov. 14	1,459
61. LANNAN, J., Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery; Boats, Buoys, Ships and Marine Propulsion.	Sept. 9	May 11	3,256
62. PUGH, E. C., Games; Tables; Mechanical Guns and Projectors	Oct. 18	June 5	1,574
63. WINKELSTEIN, A. H., Fermentation; Foods and Beverages; Heterocyclic Compounds (part); Oils and Fats.	†Apr. 9	†Feb. 5	1,470
64. NASH, P. M., Compositions—Coating or Plastic (part); Fuel and Miscellaneous	†July 22	†July 22	1,530
65. McDERMOTT, F. P., Batteries; Electrical Conductors, Conduits, Insulators and Connectors	†July 1	†Jan. 18	1,069
66. LISANN, I., Geometrical Instruments	May 21	Mar. 4	2,262
67. KRAFFT, C. F., Laminated Fabrics; Photographic Processes and Products; Ornamentation	Oct. 12	July 12	2,016
68. BERMAN, H., Brakes, Boring and Drilling; Clutches and Power Stop Control	†Apr. 2	Nov. 1	1,596
69. GALVIN, D. J., Electricity—Wave Transmission, Repeaters and Relays (e. g., Amplifiers), Galvanometers and Meters.	†Jan. 25	July 30	951
TRADE-MARKS: MERCHANT, J. H.	†July 5	†Sept. 3	33,584
DESIGNS: BREHM, G. L.	July 18	†Oct. 3	8,195

NOTE.—The dates given are 1946 except where † indicates 1947.

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

WEST DISINFECTING COMPANY
v.
CLIFF C. OWEN

No. 5367. Decided January 6, 1948

[165 F.2d 450; 76 USPQ 315]

1. TRADE-MARKS—CANCELLATION—MEDICINES—GOODS OF THE SAME DESCRIPTIVE PROPERTIES.
Where the goods of the parties are used as a medicine, though one is used externally and the other internally, they are drugs within the meaning of that term as defined by the lexicographers, *Held* that the goods of the parties possess the same descriptive properties.

2. SAME—SAME—SAME—"O-N" AND "CN" CONFUSINGLY SIMILAR.
Since the goods of the parties possess the same descriptive properties, *Held* that the marks "O-N" and "CN" on a black background are so similar as to cause confusion in the mind of the public as to the origin of the goods of the respective parties.

3. SAME—SAME—SEC. 19 OF TRADE-MARK ACT OF 1946—LACHES OR ESTOPPEL.
Where it affirmatively appears from the record that appellee had no knowledge, actual or implied, of the use of appellant's trade-mark on its goods until substantially four years after appellee's trade-mark was registered, and many years subsequent to the registrations of appellant's trade-mark, at which time appellee received a letter notifying him of appellant's trade-mark for use on its goods, *Held* that the elements of estoppel whereby appellee may have been injured or caused to believe that he had a right to use his registered mark, are not present.

4. SAME—SAME—SAME—SAME.
It is well settled that before the doctrine of laches may be applied, something more than a mere lapse of time must exist.

5. SAME—SAME—SEC. 15 OF THE TRADE-MARK ACT OF 1946—INCONTESTABILITY.
Though appellee's mark has been used for more than five years, it had not been registered under the act of 1946, and, therefore, the provisions of that act as to incontestability is not a proper issue in this case.

6. SAME—SAME—"O-N" FOR COLD PREPARATION.
Held that "O-N" on a black background for use on preparations for colds is confusingly similar to "CN" on a black background for use on drugs and chemicals, and that the decision of the Commissioner of Patents is reversed.

APPEAL from the Patent Office. Cancellation No. 4382.

REVERSED.

Harvy B. Jacobson (*J. Edward Burch* of counsel) for West.

Lestler L. Sargent (*Charles R. Allen* of counsel) for Owen.

HATFIELD, *J.*:

This is an appeal in a trade-mark cancellation proceeding from the decision of the Commissioner of Patents, 69 USPQ 439, reversing the decision of the Examiner of Interferences sustaining appellant's petition for the cancellation of appellee's registered mark "O-N," on a black background, for use on preparations for colds.

Appellee's mark, registration No. 377,500, was registered May 7, 1940, under the Trade-Mark Act of February 20, 1905, on an application filed November 4, 1939.

Appellant's petition for cancellation was filed April 13, 1944, pursuant to section 13 of the Trade-Mark Act of February 20, 1905, and involves the confusion-in-trade clause of section 5 of that act.

In its petition for cancellation, appellant alleged that it had used the trade-mark "CN," on a black background, since about July 15, 1899; that its mark was registered July 21, 1903, registration No. 40,795, on an application filed June 10, 1903, for use on drugs and chemicals, which registration was renewed August 8, 1905, registration No. 45,143, on an application filed April 26, 1905, for use on similar goods; and that its trade-mark was also registered August 2, 1932, on an application filed March 2, 1931, registration No. 296,198, for use on

Air-purifying preparations, antiseptics, antiseptic preparations, animal dips, deodorants, deodorizing preparations, disinfectants, liquid disinfectants, disinfecting preparations, germicides; insecticides in liquid, powder, and solid form; chemical preparations for use in disinfecting and cleaning bowls, pipes, etc.; chemical preparations for air-purifying purposes * * *.

It is further alleged in appellant's application for cancellation that the goods of the parties possess the same descriptive properties; that the marks of the parties are confusingly similar; and that appellant deems itself injured by the registration of appellee's trade-mark.

In answer to appellant's petition for cancellation, appellee stated that he was not informed as to many of the allegations contained in appellant's petition for cancellation, and denied that appellant was entitled to the exclusive use of its mark "CN" for use on drugs and chemical preparations and goods of like character.

It may be stated at this point that the only issue raised in the Patent Office and in the briefs of counsel for appellee, prior to the oral arguments in this court, was whether the trade-marks of the parties were confusingly similar when used on their respec-

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tive goods. At the time of the oral arguments in this court, the question was raised from the bench as to whether the Trade-Mark Act of July 5, 1946 (effective July 5, 1947), was applicable to the issues here involved, and specifically whether section 47(b) and section 19 of that act should be considered by this court, in view of the record here presented. Counsel for appellee were in disagreement as to the application of that act to the issues here involved. A supplemental brief was filed by counsel for appellee in which it was stated by Mr. Lester L. Sargent, one of counsel for appellee, that the new trade-mark act had application to the issues here involved, particularly section 19 of that act relating to laches; whereas Mr. Charles R. Allen, according to the supplemental brief of counsel for appellee, disagreed with Mr. Sargent as to the application of the provisions of that section.

The first question for our consideration is whether the marks of the parties are confusingly similar as used on their respective goods.

It appears from the record that at the time appellee filed his application for registration he, in accordance with Rule 31 of the Rules of Practice in the United States Patent Office, filed a specimen, or facsimile, of the mark as actually used on his goods. It appears, therefrom, that appellee's mark "O-N" was used on a medicinal preparation for coughs due to colds, which preparation included a variety of ingredients, such as beachwood creosote, an oily antiseptic liquid used both externally and internally as an antiseptic. See Webster's New International Dictionary, 2nd edition, 1939, and United States Dispensatory, 23rd edition, 1943, page 352. It also appears from the specimen that appellee's cold preparation is "MENTHOLATED-CREOSOTED."

It further appears from the record that appellant's mark "CN" has been continuously used by appellant since about July 15, 1899, on drugs and chemicals and, as hereinbefore stated, its mark was registered July 21, 1903, which registration was renewed August 8, 1905, for use on drugs and chemicals, and that appellant's trade-mark was also registered August 2, 1932, for use on various preparations hereinbefore set forth.

The term "drugs" is defined by lexicographers as "Any substance used as a medicine, or in the composition of medicine (Webster's New International Dictionary, 1932), or in making medicines (Webster's New International Dictionary, 2nd edition, 1939), *for internal or external use:* * * *" [Italics ours.]

The Examiner of Interferences was of opinion that the goods of the parties belonged to the "class of medicinal or pharmaceutical preparations which would be reasonably likely to have a common source of personal origin," and that the goods possessed the same descriptive properties. In support of that conclusion, the Examiner cited the case of *Campbell Products, Inc.* v. *John Wyeth & Bro., Inc.*, 31 CCPA (Patents) 1217, 143 F.2d 977, 62 USPQ 302, 568 O. G. 376, where it was held that a non-poisonous colloidal aluminum-hydroxide fortified with "Novatropine" (homatropinemethylbromide), used internally for the treatment of peptic ulcers and gastric hyperacidity on the one hand, and poisonous externally-applied lotion for treatment of skin-disease impetigo on the other hand, possessed the same descriptive properties. The Examiner further held that the trade-marks were confusingly similar, and, accordingly, sustained appellant's petition for cancellation of appellee's trade-mark.

The Commissioner of Patents, on appeal, stated that in view of our decision in the case of *Mulhens & Kropff, Inc.* v. *Adolph C. Onnen*, 17 CCPA (Patents) 831, 37 F.2d 435, 4 USPQ 150, 394 O. G. 9, it might be properly held that the goods of the parties did not possess the same descriptive properties. He further stated, however, that in the decision in the case of *Vick Chemical Co.* v. *Central City Chemical Co.*, 22 CCPA (Patents) 996, 75 F.2d 517, 24 USPQ 386, 456 O. G. 505, it was held that medicated salve, nose and throat drops, and medicated cough drops on which appellant there used the trade-mark "Vicks" possessed the same descriptive properties as insecticides on which appellee used the trade-mark "Lix," but that as the court in that case held that considering the difference in the goods and the difference in the marks, the marks were not confusingly similar, he was of opinion that considering the difference in the goods of the respective parties in the instant case, and the difference in the involved marks, there was no likelihood of confusion by the concurrent use of the parties of their respective marks on their goods. The Commissioner further stated that appellee had used his mark on his goods for "nearly twenty years," that there was no evidence of actual confusion between the marks of the parties; that appellee's mark is a "valuable business asset" and that his registration should not be lightly canceled and, accordingly, reversed the decision of the Examiner of Interferences.

It is true, as argued by counsel for appellee, and as held by the Commissioner, that there is a difference in the goods of the parties and that there is also a difference, although slight, in the marks of the parties. However, we are of opinion, as was the court in the case of *Vick Chemical Co.* v. *Central City Chemical Co.*, supra, that the goods of the parties possesses the same descriptive properties.

[1] Drugs are substances used as a medicine, although appellee's goods are used internally, whereas appellant's goods are used externally. Each, however, as hereinbefore observed, has antiseptic properties.

It appears from the record that appellant's product was advertised for use as a gargle and mouthwash (see Exhibit 14) for at least ten years prior to the taking of the testimony in this case—August 1944. It further appears from the evidence that the goods of the parties are advertised in various magazines and over the radio, although apparently their advertisements over the radio are somewhat limited in scope; that appellant's sales in 1943 amounted to $368,354; that appellant's goods were sold throughout the United States; that from 1939 to the time of the taking of the testimony, appellant expended approximately $356,422 in advertising its goods and its trade-mark, and that during the same period its sales amounted to approximately $1,774,000; that appellee sold his goods, including his antiseptic, throughout the southeastern part of the United States only; that his sales amounted to $82,000 during the year 1943; and that his sales during 1944 increased about fifteen per centum over his sales in 1943.

[2] It is evident that the goods of the parties are used as a medicine and that they are drugs within the meaning of that term, as defined by the lexicographers. Furthermore, it appears from the record that appellee, in the natural course of his business, extended the use of his trade-mark "O-N" to an antiseptic for external use and, as is stated in the record, his antiseptic will usually relieve "discomfort due to athlete's foot, poison oak, mosquito bites * * * and other simple skin irritation in a few minutes." Accordingly, appellee was of opinion that an antiseptic for external use possessed the same descriptive properties as a preparation for colds, upon which he used his trade-mark "O-N." Furthermore, as we interpret appellee's testimony, it would be a natural thing for one engaged in the manufacture of antiseptics to produce a medicinal preparation for coughs due to colds.

It further appears from the record that for twenty-eight years prior to appellee's adoption and use of the trade-mark "O-N" on his product, appellant had used its mark "CN" on drugs and chemicals, including antiseptics for external use, and had registered its mark twenty-four years prior to appellee's adoption and use of his mark, and thirty-seven years prior to the date of appellee's registration. We are of opinion, therefore, for the reasons hereinbefore stated, that the goods of the parties possess the same descriptive properties, and that the marks "O-N" and "CN" are so similar as, in our opinion, to cause confusion in the mind of the public as to the origin of the goods of the respective parties.

We come now to a consideration of whether the application of section 19 of the Trade-Mark Act of July 5, 1946 (effective July 5, 1947), Chap. 540, 60 Stat. L. 427 et seq., is applicable to the issues here involved. It is argued in the supplemental brief filed by counsel for appellee, Lester L. Sargent, in which his associate counsel, Charles R. Allen disagrees, that as appellee's trade-mark was used for more than five years prior to the petition for cancellation, the registration was incontestable under that act, and that laches on the part of appellant should be taken into consideration.

[3] It affirmatively appears from the record that appellee had no knowledge, actual or implied, of the use of appellant's trade-mark on its goods until April 1944, substantially four years after appellee's trade-mark was registered, and many years subsequent to the registrations, as hereinbefore noted, of appellant's trade-mark, at which time appellee received a letter notifying him of appellant's trade-mark for use on its goods, although appellee's trade-mark was registered May 7, 1940. It is obvious, therefore, that the element of estoppel whereby appellee might have been injured or caused to believe that he had a right to use his registered mark because of the delay on the part of appellant in filing its cancellation proceeding or otherwise objecting to the use of appelleee's mark, is not present in the instant case. Furthermore, the elements of estoppel whereby appellee may have been injured through the delay by the proceedings here involved, are wholly absent in this case. [4] It is well settled that before the doctrine of laches may be applied, something more than a mere lapse of time must exist. See *Menendez* v. *Holt*, 128 U. S. 514, 523; *Johnston* v. *Standard Mining Co.*, 148 U. S. 360, 370; and *Standard Oil Co.* v. *Michie*, 34 F.2d 802, 804. It should be recalled that the cancellation proceeding here involved was filed under the provisions of section 13 of the Trade-Mark Act of February 20, 1905.

[5] One of counsel for appellee, as hereinbefore noted, argues that as appellee's mark has been used for more than five years, it is incontestable under section 15 of the Trade-Mark Act of July 5, 1946 (effective July 5, 1947). It may be observed in this connection that appellee's trade-mark has not been registered under that act and, therefore, the provisions as to the incontestability of appellee's mark is not a proper issue in this case.

The issues in the instant case are clearly distinguishable from our decision in the case of *Edward A. Willson (Grafo Colloids Corp., Joined)* v. *Graphol Products Co., Inc.*, Patent Appeal No. 5363, decided concurrently herewith, where it was held that, owing to the state of the record there presented, the question of laches, as provided in section 19 of the Trade-Mark Act of July 5, 1946 (effective July 5, 1947), was a proper issue in the case and, for that reason, the case was reversed and remanded.

Although counsel for appellee suggest that section 19, supra, relating to laches, has application to the issues here involved, they do not suggest that should the case be remanded to the Patent Office they might introduce evidence relating to that issue.

[6] For the reasons stated, the decision of the Commissioner of Patents is reversed.

REVERSED.

BLAND, *J.*, sat during the argument of this case, but resigned before the opinion was prepared.

U. S. Court of Customs and Patent Appeals

WILLSON ET AL.

v.

GRAPHOL PRODUCTS CO. INC.

No. 5363. Decided January 6, 1948

[— F.2d —; 76 USPQ 312]

1. TRADE-MARKS—CANCELLATION—APPLICABILITY OF SECTIONS 19, 46(a) AND 47(b) OF THE TRADE-MARK ACT OF 1946.

The application of section 19 of the Trade-Mark Act of 1946 is controlled by sections 46(a) and 47(b).

2. SAME—SAME—SAME.

The expression in section 46(*a*)—"except as otherwise herein specifically provided"—limits the language appearing in section 47(*b*)—"if it be of the opinion that the provisions of this act are applicable to the subject matter of the appeal"—; therefore, the appellate courts must first be convinced that the applicability of any section of the new act to a pending appeal is specifically provided for in the statute before they may properly make such application. That specific authorization is contained in section 19 providing for the consideration and applicability of equitable principles in proceedings—"heretofore begun in the Patent Office and not finally determined".

3. SAME—SAME—SECTION 19 OF THE TRADE-MARK ACT OF 1946 CONSTRUED.

In the present inter partes proceedings, it is clear that they were begun in the Patent Office prior to the effective date of the new trade-mark act, July 5, 1947, and have not been finally determined because of the appeal to this court; therefore, if, in our opinion, the provisions of the new act are applicable to the subject matter of the appeal herein, we may apply section 19 in the light of section 47(*b*).

4. SAME—SAME—SAME—LACHES.

If registrations in the Patent Office are to be considered as public records, it would appear that appellee might be deemed to have had constructive notice of them as of the dates thereon, and if knowledge is to be presumed by reason of such notice, and appellee knowingly stood idly by for about ten years during which time appellants innocently conducted, developed and advertised their business, it would seem that the doctrine of laches could apply. Appellants alleged such delay and damage to them as constituting a bar to the prosecution of the cancellation proceedings, and that allegation was not denied by appellee. Ordinarily, affirmative allegations in a pleading not traversed by the adverse party are considered as admitted.

5. SAME—SAME—SAME—SAME.

Prior to the effective date of the Trade-Mark Act of 1946 the defense of laches per se was not available either in the Patent Office or in this court. Probably, if that defense had been proper under the old act, the allegation of laches would have been traversed by appellee and the issue raised thereon would have been tried and decided by the tribunals of the Patent Office on a more extended record.

6. SAME—SAME—SAME—SAME.

Held that appellant's allegation of damage coupled with the alleged unreasonable delay which might constitute laches is a proper subject matter in this appeal and should invoke the application of the new act; and *Held* that because of the state of the record, we deem it proper to remand the cause to the Commissioner for the purpose of taking such additional evidence as counsel for the parties may desire.

APPEAL from the Patent Office. Cancellations Nos. 4389 and 4391.

REMANDED.

William B. Jaspert for Willson.

Cushman, Darby & Cushman (*John J. Darby* and *William M. Cushman* of counsel) for Graphol.

JACKSON, *J.*:

This appeal is from a decision of the Commissioner of Patents, 69 USPQ 18, affirming decisions of the Examiner of Interferences in two cancellation proceedings. The cases were submitted on a single record and were consolidated for appeal to the Commissioner. They are before us as a single case and will be so decided.

On September 4, 1934, registration No. 316,676 of the trade-mark "Grafo" as applied to "Lubricating Oil Compound" was granted appellant, Edward A. Willson, doing business under the trade name of Grafo Lubricating Company. Continuous use of the mark was stated to have begun August 9, 1933. Doing business under the same name, he was granted registration No. 310,077 for the mark "Grafolube" as applied to "Lubricating Oil Compounds" on February 13, 1934, stating the mark had been continuously used since August 9, 1933. Subsequently, the two marks were assigned by him to the Grafo Lubricants Corporation, the name of which was later changed to Grafo Colloids Corporation. After the taking of testimony, and prior to the decisions of the Examiner of Interferences, it was agreed by stipulation that Grafo Colloids Corporation should be considered as a party-respondent.

Appellee is the owner of registration No. 194,841 for the mark "Graphol." The mark was registered January 27, 1925, as applied to "Rust Solvent and Penetrating Lubricant." Continuous use was stated to be since January 1922.

On May 4, 1944, about ten years subsequent to the dates of appellants' registrations, appellee filed petitions to cancel them pursuant to section 13 of the Trade-Mark Act of 1905 (U. S. C., title 15, Sec. 95).

The allegations in the petitions relate to the confusion-in-trade clause of section 5 of the act as the statutory ground for negativing appellants' right to registration, and there is the further allegation that the marks had been abandoned.

In answers to the petitions, it is admitted that the goods of the parties are of the same descriptive properties, but in all other respects the allegations of appellee are denied. In one of the affirmative defenses, appearing in the answers, it is alleged that appellee is barred by laches, and, therefore, has lost the right to institute cancellation proceedings, and that appellants would be injured if deprived of the use of their marks. The affirmative defenses were not traversed by appellee who, relying upon its registration date to establish priority of use of its mark, took no testimony. Appellant took testimony.

Appellant Willson, the only witness, testified that the marks of appellants have been in continuous use since August 9, 1933, and have not been abandoned; that he knew of no actual confusion between appellants' marks and other marks applied to lubricating oils and greases; that he knew of no instance where a purchaser of lubricating oils and greases had mistaken appellants' trade-marked product for that of another manufacturer; that appellants' products, bearing their trade-marks, have never been confused with the product to which appellee's mark is applied.

It was shown that the marks of appellants have been nationally advertised in the Thomas Register of American Manufacturers, a trade journal entitled "Jobber Topics" and a magazine entitled "Purchasing," since 1935; that the products bearing its said marks are sold in 56 cities and 19 states of this country and in Spain, Australia and Canada; that the dollar volume of sales for the year 1944 was $58,000.00; that the average sales prior to the recent war amounted to approximately $30,000.00 per year;

and the witness stated that it would cost appellants many thousands of dollars and cause irreparable loss to their business if they were forced to change their marks.

The tribunals of the Patent Office held that the marks of appellants so closely resemble the mark of appellee that, when used on goods of admittedly the same descriptive properties, they would be likely to cause confusion in trade and deception of purchasers, and, therefore, concluded that appellee was entitled to have its petitions for cancellation granted.

In its appeal to the Commissioner, appellants not only predicated error in the Examiner's holding on the merits, but also on the ground that the Examiner did not hold appellee to have been barred by laches.

While neither the Examiner of Interferences nor the Commissioner gave any consideration to appellants' affirmative defense of laches, and while no allegation of error in that respect appears in the reasons of appeal to this court, appellants in their main brief citing sec. 47(*b*), Title XX of the Trade-Mark Act of 1946 (effective July 5, 1947), assert that we should apply the provisions of that act and remand the case to the Commissioner for the taking of additional evidence, or for a new trial, or for reconsideration of the decision appealed from on the present record by application of section 19 of the act.

Appellee in its main brief asserts that since there is no evidence of its knowledge of the use of appellants' marks, that laches cannot apply; and that even if such evidence were established it would be no bar to appellee's right to cancellation, citing the case of *White House Milk Products Co.* v. *Dwinell-Wright Co.*, 27 CCPA (Patents) 1194, 111 F.2d 490, 493, 45 USPQ 444, 520 O. G. 266. It contends that the Trade-Mark Act of 1946 can have no application here because the proceedings were instituted pursuant to the Trade-Mark Act of 1905, and were decided by both the Examiner and Commissioner accordingly. It pointed out that appellants' registrations were granted under the former act and admittedly had not been transferred to the principal register provided for in the act of 1946, nor had they applied for transfer to that register.

[1] At the time of argument, we granted the parties permission to file supplemental briefs on the question of whether or not section 19 of the Trade-Mark Act of 1946 is applicable. Such briefs were filed and they amplify the arguments of the parties appearing in their main briefs with respect to laches.

Section 19 reads as follows:

Sec. 19. In all inter partes proceedings equitable principles of laches, estoppel, and acquiescence, where applicable may be considered and applied. The provisions of this section shall also govern proceedings *heretofore begun in the Patent Office and not finally determined.* [Italics ours.]

The application of that section, we think, is controlled by sections 46(*a*) and 47(*b*). The part of section 46(*a*) that we deem material here reads as follows:

Sec. 46(*a*). This act shall be in force and take effect one year from its enactment, *but except as otherwise herein specifically provided shall not affect any suit, proceeding, or appeal then pending.* [Italics ours.]

Section 47(*b*) reads as follows:

Sec. 47(*b*). In any case in which an appeal is pending before the United States Court of Customs and Patent Appeals or any United States Circuit Court of Appeals or the United States Court of Appeals for the District of Columbia or the United States Supreme Court at the effective date of this act [July 5, 1947], the court, *if it be of the opinion that the provisions of this act are applicable to the subject matter of the appeal,* may apply such provision or may remand the case to the Commissioner or to the district court for the taking of additional evidence or a new trial or for reconsideration of the decision on the record as made as the appellate court may deem proper. [Italics ours.]

[2] It appears to us that the expression in section 46(*a*), supra, "* * * except as otherwise herein specifically provided * * * limits the language appearing in section 47(*b*), supra, "* * * if it be of the opinion that the provisions of this act are applicable to the subject matter of the appeal, * * *." Therefore, the appellate courts must first be convinced that the applicability of any section of the new act to a pending appeal is specifically provided for in the statute before they may properly make such application. That specific authorization is contained in section 19, supra, providing for the consideration and applicability of equitable principles in proceedings "* * * heretofore begun in the Patent Office and not finally determined."

[3] In the present inter partes proceedings, it is clear that they were begun in the Patent Office prior to the effective date of the new trade-mark act, July 5, 1947, and have not been finally determined because of the appeal to this court. Therefore, if, in our opinion, the provisions of the new act are applicable to the subject matter of the appeal herein, we may apply section 19 in the light of section 47(*b*), supra.

[4] The petitions herein were not filed until about ten years subsequent to the dates of appellants' registrations. If registrations in the Patent Office are to be considered as public records, it would appear that appellee might be deemed to have had constructive notice of them as of the dates thereon. If knowledge is to be presumed by reason of such notice, and appellee knowingly stood idly by for about ten years during which time appellants innocently conducted, developed, and advertised their business, it would seem that the doctrine of laches could apply. Appellants alleged such delay and damage to them as constituting a bar to the prosecution of the cancellation proceedings. That allegation was not denied by appellee. Ordinarily, affirmative allegations in a pleading not traversed by the adverse party are considered as admitted.

Under the Rules of Practice in Trade-Mark Cases adopted and promulgated under the authority of the Trade-Mark Act of 1946, rule 23 specifically states that the petition to cancel and the answer thereto correspond to the complaint and answer such as under the Federal Rules of Civil Procedure apply to the district courts of the United States. The petition constitutes a complaint, and the answer to the petition may not only traverse the averments

therein, but also set up affirmative defenses. We see no reason why, even before the promulgation of the said Rules of Practice in Trade-Mark Cases, the same analogy does not obtain. Here appellants intended to avail themselves of the equitable defense of laches and pleaded such defense in the answers. Such affirmative pleading would seem to be necessary to secure relief thereunder. See Rule 8(c), Federal Rules of Civil Procedure.

[5] Prior to the effective date of the Trade-Mark Act of 1946, the defense of laches per se was not available either in the Patent Office or in this court. See *White House Milk Products Co.*, v. *Dwinell-Wright Co.*, supra.

The present proceedings were initiated and completed, as far as the Patent Office was concerned, before the effective date of the new act. Therefore, it is clear why the equitable defense pleaded by appellants was not determined by either the Examiner or the Commissioner, and perhaps was the reason why appellee did not traverse such defense. Probably if that defense had been proper under the old act, the allegation of laches would have been traversed by appellee and the issue raised thereon would have been tried and decided by the tribunals of the Patent Office on a more extended record.

Appellants' allegation of damage coupled with the alleged unreasonable delay which might constitute laches is, in our opinion, a proper subject matter in this appeal and should, for reasons heretofore given, invoke the application of the new act. We think that, given the opportunity, the parties may by evidence support their contentions for and against the alleged laches.

Accordingly, because of the state of the record, we deem it proper to remand the causes to the Commissioner for the purpose of taking such additional evidence as counsel for the parties may desire.

The causes remanded with directions as hereinbefore indicated.

REMANDED.

BLAND, *J.*, sat during the argument of this case, but resigned before the opinion was prepared.

PATENT SUITS

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,792,977, E. W. Goeser, Oil well drilling drive; 1,810,975, A. E. Martois, Rotary draw works having dual rotary machine drive, filed Feb. 13, 1948, D. C., S. D. Calif., C. Div., Doc. 7984–BH, *Emsco Derrick & Equipment Co.* v. *International Derrick & Equipment Co.* Same, D. C., E. D. Tex. (Beaumont), Doc. 1467, *Emsco Derrick & Equipment Co.* v. *International Derrick & Equipment Co. et al.*

1,810,975. (See 1,792,977.)

1,882,563, W. D. Bartlett, Coin controlled vending machine; 2,166,854, same, Bucket for miniature digging and hoisting machine, filed Feb. 24, 1948, D. C., S. D. Calif., C. Div., Doc. 8000–BH, *J. A. Dunn* v. *T. H. Bailey.*

1,904,047, D. L. Lindquist et al., Elevator system, C. C. A., 4th Cir., Doc. 5684, *The City of Grafton, W. Va., et al.* v. *Otis Elevator Co.* Judgment of district court affirmed Feb. 27, 1948.

1,916,905, W. Woodfine, Margin regulator for typewriters, appeal filed Feb. 21, 1948, C. C. A., 2d Cir., Doc. 20895, *Royal Typewriter Co., Inc.*, v. *Remington Rand, Inc.*

1,917,253. (See Re. 19,425.)

1,917,254. (See Re. 19,425.)

2,025,698, Cole & McLaren, Gas solidifying apparatus, filed Feb. 21, 1948, D. C. Del., Doc. 1101, *The Mathieson Alkali Works, Inc.*, v. *International Carbonic Engineering Co.*

2,062,782. (See Re. 19,425.)

2,064,322, L. W. Ruppert, Method of surface finishing articles; 2,361,039, A. L. Langel, Method of producing stippled sheet metal, D. C., N. D. Ill., E. Div., Doc. 46c688, *Ekco Products Co.* v. *Chicago Metallic Mfg. Co.* Dismissed without prejudice Feb. 20, 1948.

2,082,730. (See 2,258,573.)

2,089,470. (See Re. 19,425.)

2,166,854. (See 1,882,563.)

2,170,144, L. M. Kells et al., Slide rule; 2,422,649, J. R. Bland, same, filed Feb. 27, 1948, D. C., N. D. Ill., E. Div., Doc. 48c262, *Keuffel & Esser Co.* v. *C. Pickett.*

2,233,902, P. Z. Gordon, Lady's undergarment, filed Feb. 20, 1948, D. C., S. D. N. Y., Doc. 45/33, *Maggi Rorke, Inc.*, v. *Pauline Gordon, Inc.*

2,258,573, A. A. Johnson, Manifolding pack; 2,082,730, C. W. Brenn, Manifolding device, filed Jan. 27, 1948, D. C., N. D. Ill., E. Div., Doc. 48c114, *Autographic Register Co.* v. *Uarco, Inc.*

2,283,363, Hansen & Hurst, Slow speed self-starting synchronous motor; 2,298,373, same, Slow speed synchronous motor, filed Feb. 10, 1948, D. C., N. D. Ill., E. Div., Doc. 48c179, *Hansen Mfg. Co., Inc.*, v. *Swing Clock Mfg. Co., Inc.*

2,284,921, R. B. Purkiss, Casket sealing and locking means, D. C., S. D. Ohio, W. Div., Doc. 1536, *Batesville Casket Co.* v. *The Crane & Breed Casket Co.* Decree holding claims 1 and 2 valid and infringed Feb. 24, 1948.

2,298,373. (See 2,283,363.)

2,320,553, Barnes & Minor, Means for positioning expansible collars on pipe; 2,327,088, same, Apparatus for installing protectors on drill pipes, filed Jan. 8, 1948, D. C., S. D. Calif., C. Div., Doc. 7892–B, *Bettis Rubber Co.* v. *Medearis Oil Well Supply Co. et al.*

2,327,088. (See 2,320,553.)

2,344,958, Armstrong & Piccardo, Pumping system; 2,424,285, Piccardo & Armstrong, Pump and pump system, filed Feb. 11, 1948, D. C., N. D. Calif., S. Div., Doc. 27905–G, *Jacuzzi Bros., Inc.*, v. *Berkeley Pump Co. et al.*

2,361,039. (See 2,064,322.)

2,373,129, F. H. Magnus, Harmonica; 2,407,312, same, Plastic harmonica; 2,416,451, same, Method of and mold for making integral reed plates and reeds, filed Feb. 25, 1948, D. C., N. D. Ill., E. Div., Doc. 48c236, *Magnus Harmonica Corp.* v. *American Plasticraft Co.*

2,407,312. (See 2,373,129.) 2,416,451. (See 2,373,129.)

2,422,649. (See 2,170,144.)

2,422,834, J. L. Kleinman, Shoulder pad, filed Feb. 16, 1948, D. C., S. D. N. Y., Doc. 44/783, *J. L. Kleinman* v. *Strauss Bros. & Co.* Same, D. C., E. D. N. Y., Doc. 8927, *International Latex Corp.* v. *J. L. Kleinman.*

2,424,285. (See 2,344,958.)

2,434,383, A. Benjamin, Flexible watch bands, filed Feb. 18, 1948, D. C., N. D. Ill., E. Div., Doc. 48c218, *Steelcraft Co. et al.* v. *H. J. Duester et al.*

2,435,682, C. A. Getz, Aeration of butter fat-containing liquids, filed Feb. 10, 1948, D. C., N. D. Ill., E. Div., Doc. 48c178, *Aeration Processes, Inc.*, v. *Walgreen.*

Re. 19,425 (of 1,917,254), B. R. Harris, Margarine and process for producing same; Re. 21,683 (of 1,917,253), Epstein & Harris, Margarine emulsion and product to be used therein; 2,062,782, Epstein & Harris, Treatment of lecithin; 2,089,470, same, Margarine, filed Feb. 10, 1948, D. C., N. D. Ill., E. Div., 48c175, *B. R. Harris* v. *The Best Foods, Inc.*

Re. 21,683. (See Re. 19,425.)

Des. 147,124, Harris & Belz, Pair of spectacles, filed Feb. 20, 1948, D. C., S. D. N. Y., Doc. 45/38, *Sydney Harris* v. *Chelsea Optical Co. et al.*

T. M. 136,050, E. S. Johnson, Jacketed can, filed Feb. 26, 1948, D. C. N. J. (Newark), Doc. 11098, *Knapp-Monarch Co.* v. *Electrical Industries, Inc.*

NOTICES

Adjudicated Patents

(D. C. Mich.) Riemenschneider patent, No. 1,810,112, for process for welding metal tubing, claims 1 to 3 *Held* not infringed. *Midland Steel Products Co.* v. *Clark Equipment Co.*, 75 F. Supp. 143; 76 USPQ 177.

(D. C. Mich.) Riemenschneider patent, No. 1,948,801, for method and apparatus for welding, claims 3, 5, 7, and 8 *Held* not infringed. *Id.*

(D. C. Mich.) Riemenschneider patent, No. 2,061,671, for apparatus for welding, claims 26 and 30 *Held* not infringed. *Id.*

(D. C. Mich.) Riemenschneider patent, No. 2,139,771, for method and apparatus for welding, claims 1, 4, 7, 8, 16, and 18 *Held* not infringed. *Id.*

International Convention for the Protection of Industrial Property

Adherence of Austria, Lebanon, Syria, Union of South Africa and Spanish Colonies

The Secretary of State has been notified by the Legation of Switzerland of the following adherences to the International Convention for the Protection of Industrial Property as last revised at London on June 2, 1934:

Austria, going into effect August 19, 1947. (In this connection the Austrian Government stated:

"Those rights which, by virtue of the Convention and the Arrangement mentioned above and by the application of the German laws, were in force in Austria on the day of its liberation (April 27, 1945) shall continue to be protected without any interruption. Those rights which came into existence after April 27, 1945, and before the adherence of Austria had been put into effect, shall also enjoy such protection. However, the Austrian Government reserves the right to exclude from that protection such German protective rights as were based upon application for registry at the Reich Patent Office and the priority period of which had already expired on March 13, 1938.

"The present statement has been made on condition that Austrian nationals shall, for their part, benefit in the country in question from the protection of the rights which they have claimed or will claim, until the coming into force of the adherence of Austria to the Convention of Union of Paris and to the Madrid Agreement by virtue of those instruments, in all countries bound thereby.")

Lebanon, going into effect on September 30, 1947.

Syria, going into effect on September 30, 1947.

Union of South Africa, going into effect on December 1, 1947.

Spanish Colonies (Hague revision of November 6, 1925), going into effect December 15, 1947.

LAWRENCE C. KINGSLAND,
Commissioner of Patents.

March 8, 1948.

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LAWRENCE C. KINGSLAND,
Commissioner of Patents.

March 15, 1948.

Disclaimers

2,228,768.—*Ralph E. Jones*, Grand Rapids, Mich. HAIR CLIPPING AND SHAVING DEVICE. Patent dated Jan. 14, 1941. Disclaimer filed Feb. 21, 1948, by the inventor.

Hereby disclaims claims 17, 18, 19, 20, 24, and 25 of said patent.

2,276,796.—*George L. Rogers*, Schenectady, N. Y. ENERGY STORAGE WELDING SYSTEM. Patent dated Mar. 17, 1942. Disclaimer filed Feb. 27, 1948, by the assignee, *General Electric Company.*

Hereby enters this disclaimer to claims 10 and 11 of said patent.

2,401,184.—*Ouglijesa Jules Poupitch*, Chicago, Ill. FASTENING DEVICE. Patent dated May 28, 1946. Disclaimer filed Feb. 28, 1948, by the assignee, *Illinois Tool Works.*

Hereby disclaims any fastening device specified in claims 1 to 4, 6 and 7, except wherein the retainer post means includes post structures securing the retainer base section to the part to be fastened.

2,405,611.—*Arthur L. Samuel*, Summit, N. J. ELECTRON BEAM AMPLIFIER. Patent dated Aug. 13, 1946. Disclaimer filed Feb. 21, 1948, by the assignee, *Bell Telephone Laboratories, Incorporated.*

Hereby enters disclaimer to claims 1, 2, 3, 4, and 8 of said patent.

Classification Order No. 23

January 23, 1948

Note.—The definitions for class 323, ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, have been completed and may be seen in the Search Room and Classification Group pending publication.

The following changes are hereby directed to take effect immediately:

IN THE MANUAL OF CLASSIFICATION:

ABOLISH SUBCLASSES

In *class 120, Stationery* (Division 53)

Pen and pencil cases
21 Clutch
22 Automatic
14 Polypointed
Fountain pens
43 Special use
43.5 Perforating
49 Retractile pen section

In *class 172, Electricity, Motive Power* (Division 26)

Transmission of power
239 Direct
284 Magnetic clutches

In *class 225, Dispensing Beverages* (Division 35)

Soda water apparatus
28 Fountains
29 Casings
30 Pressure reducers
31 Pump
32 Sirup cocks
34 Rotary
35 Sirup tanks
36 Removable
37 Sliding
38 Swinging
39 Valves

ESTABLISH SUBCLASSES

In *class 58, Horology* (Division 61)

Clocks
Trains
Alarm
21.1 Combined alarm and time motor (to follow sub. 21)
21.11 Plural
21.12 Variable sound
21.13 Short interval
21.14 Incorporated in clock
21.15 Shut-off
21.16 Spring wind release
21.17 Main spring rundown
22.5 Set (to follow sub. 22)
22.7 Condition indicator
Watches
57.5 Alarm

In *class 120, Stationery* (Division 53)

Combination devices
7.5 With fountain pen point protector
Pen and pencil cases
14.1 Polypointed and/or magazine containing (to follow sub. 13)
14.2 Pen point type
14.3 Selective
14.5 Plural chucks
14.7 Successive feed
14.8 Single tube
14.9 Storage magazine
21 Clutch (to follow subclass 19)
22 Spring closed
Fountain pens
42.01 Point protectors and caps
42.02 Pen point retracting
42.03 Sheath type
42.04 Pen operating
42.05 With seal, vent, ink trap, point cushion or point moistener
42.06 Recording
42.07 Perforating
42.08 With ink supply indicator
42.1 Plural pens
42.12 Side by side
42.13 Slidable
42.15 Concentrated ink type
42.16 Plural reservoir
42.17 Selective feed
42.18 Plural point
45.4 Ink cartridge type
45.6 Special use

In *class 172, Electricity, Motive Power* (Division 26)

Transmission of power
284 Magnetic clutches

In *class 206, Special Receptacles and Packages* (Division 40)

Receptacles
Display
44.11 Stock and sample (to follow subclass 44)
44.12 Dispensing
45.11 Sectional or multiple movable compartment type (to follow subclass 45)
45.12 With rupturable wall portion
45.13 Cover controlled or cover operated display
45.14 With contents supporting and/or positioning means
45.15 Slidable or pivotally mounted
45.16 Follower or adjustable bottom
45.17 Located on or formed by outwardly swingable side walls
45.18 Movable to inclined supported position
45.19 Supporting bed or platform on receptacle bottom
45.2 With cover convertible to easel or receptacle support
45.21 Folded blank box
45.22 Multiple blank
45.23 Pivoted cover
45.24 With folding easel or receptacle support
45.25 Folded blank box
45.26 Support cut from receptacle walls
45.27 Multiple blank
45.28 With cover convertible to display card
45.29 Folded blank box
45.3 Multiple blank
45.31 With window or transparent wall
45.32 Pie
45.33 Transparent wrapper
45.34 Covers one or more walls

In *class 286, Packed Shaft or Rod Joints* (Division 52)

Rotary rod
11.11 Centrifugal
11.12 Axially pressed shaft
11.13 Radial contact sealing surface
11.14 Longitudinally pressed
11.15 Rotatable with shaft
11.16 Radially resiliently pressed

MISCELLANEOUS CHANGES

On page 23—2, correct the spelling of the class title "Chemistry".

On page 24—2, in the first unnumbered subclass title after "loops" insert a comma.

On page 51—1, the subclass title "Traveling band" between subclasses 134.5 and 136 should be numbered *135*.

On page 74—1, move subclasses 208 through 213 one indentation to the left, so that they will read as follows:

Gearing
Frictional
Frictional adjustment
208 Automatic
209 Spring or weight
210 Magnetic
211 Eccentric
212 Screw
213 Lever

On page 105—2, in subclass 366, change "unis" to *units*.

On page 164—1, in subclass 66, change "tranvserse" to *transverse*.

On page 206–1, subclass 1 should be moved one space to the left to be coordinate with subclass 8.

On page 226—1, in the second column, the first title "With articles" should be changed to *With fluent materials*.

On page 229, the unnumbered title between subclasses 36 and 38 should be numbered *37*.

On page 273—1, in subclass 65, change "Foorball" to *Football*.

On page 318—3, in subclass 346, change "braking" to *breaking*.

PRINCIPAL DISPOSITION OF ART FROM ABOLISHED SUBCLASSES

Abolished Class	Abolished Subclass	Disposition Class	Disposition Subclass
120	14	120	14.1+
120	21	120	21
120	22	120	22
120	43	120	42.06, 45.6
120	43.5	120	42.07
120	49	120	42.02, 42.03
172	239	172	284
		318	Various
172	284	172	284
225	28	222, 261	Various
225	29	Various	Various
225	30	222	205
225	31	222	128+, 173+
225	32	222	185
225	34	222	185
225	35	222	Various
225	36	222	173
225	37	222	129
225	38	222	165
		312	153+
225	39	222, 251	Various

PRINCIPAL SOURCES OF PATENTS IN ESTABLISHED SUBCLASSES

Established Class	Established Subclass	Source Class	Source Subclass
58	21.1 to 21.17	58	16, 19
58	22.5, 22.7	161	22, 23
58	57.5	161	22, 23
120	7.5	120	1, 24+, 36, 38, 42, 84
120	14.1+	120	14
120	21	120	21
120	22	120	22
120	42.01	120	42
120	42.02, 42.03	120	49
120	42.04, 42.05	120	42
120	42.06	120	43
120	42.07	120	43.5
120	42.08, 42.10	120	42
120	42.12	120	42, 43
120	42.13 to 42.18	120	42
120	45.4	120	42
120	45.6	120	43
172	284	172	239, 284
206	44.11, 44.12	206	44, 46
206	45.11 to 45.34	229	16
286	11.11 to 11.16	286	7

IN THE DEFINITIONS:

7, Compound Tools

in the class definition under "(2) Search Classes" in the reference to class 120, after "writing" insert:

subclass 14.1+ for cases having plural pen points and/or leads, and subclasses 42.1+, 42.16+ and 42.18 for plural fountain pen combinations

13, Electric Furnaces

in subclass 12, under "Search Class" add in numerical order:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100, for miscellaneous systems for controlling the current and/or voltage magnitude in a single circuit

in subclass 13, under "Search Class" add in numerical order:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS subclass 1+, for miscellaneous systems for controlling the current or the load in a single circuit to maintain the current constant.

in subclass 24, under "Search Class" add in numerical order:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100, for miscellaneous systems for controlling the current and/or voltage magnitude in a single circuit, see indented subclass 94+ and the subclasses specified in notes to the definition of those subclasses for miscellaneous resistance systems and for miscellaneous systems for controlling the current and/or voltage magnitude in a single circuit by means of resistors.

in subclass 26, under "Search Class" cancel the reference to class 219, Electric Heating, and add in numerical order:

219—ELECTRIC HEATING, subclass 13, for miscellaneous metal induction heating systems and subclass 47, for induction heating apparatus.

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 44+ and the subclasses specified in the notes to the definition of those subclasses, for miscellaneous transformer systems.

15, Brushing, Scrubbing, and General Cleaning

in subclass 139, under "Search Class" insert

120—STATIONERY, subclasses 44 and 48, for fountain pens having similar structure.

33, Geometrical Instruments

in subclass 41, under "(2) Search Classes" in the reference to class 120, change "subclass" to *subclasses*, and insert thereafter *42.12, 42.18 and.*

Cancel "for producing shaded lines." and substitute *and see (2) Note under subclass 42.12 in class 120 for the line.*

58, Horology

in subclass 16, insert:

Search this class, subclass—
57.5—for alarm watches

and under "Search Class" change the reference to class 161 to read:

161—TIME CONTROLLING MECHANISM, subclass 23, for time controlled alarms other than alarm-clocks.

establish the following subclass definitions:

21.1. Alarm-clocks under subclass 16 in which the clock's motor is also the alarm motor.

21.11. Alarm-clocks under subclass 16 having a plurality of sound devices.

Search this class, subclass—
21.12—for variable sound effects produced by one alarm.

21.12. Alarm-clocks under subclass 16 in which variations in sound are produced by a short interval between a preliminary sound and the principal or final sound, or by a continuous variation in the single interval sound.

Search this class, subclass—
18—for alarms which repeat several times with short intervals between.

21.13. Alarm-clocks under subclass 16 of the culinary or photographic type which operate over short periods of several minutes, the periods being generally not more than an hour.

21.14. Devices under subclass 21.13 incorporated in a regular clock.

21.15. Alarm-clocks under subclass 16 relating particularly to mechanism for shutting-off or silencing the alarm.

21.16. Devices under subclass 21.15 which are released on winding the time or alarm spring of the clock.

Search this class, subclass—
17—for automatic shut-off release in eight-day clocks.

21.17. Alarm-clocks under subclass 16 which sound upon the time spring approaching a run-down condition.

22.5. Alarm-clocks under subclass 16 relating particularly to means for setting the let-off mechanism.

22.7. Alarm-clocks under subclass 16 relating particularly to means for indicating the condition of the let-off or set mechanism, as "on—off", "A. M. —P. M.".

57.5. Watches under subclass 16 having alarm features.

Search this class, subclass—
16+—for alarm clocks.

74, Machine Elements

in subclass 208, cancel "Mechanism . . . 207," and substitute *Friction Gearing*

in subclass 210, cancel "Mechanism . . . 207," and substitute *Friction Gearing*

in subclass 211, cancel "Mechanism . . . 207," and substitute *Friction Gearing*

in subclass 212, cancel "Mechanism . . . 207," and substitute *Friction Gearing*

in subclass 213, cancel "Mechanism . . . 207," and substitute *Friction Gearing*

88, Optics

in subclass 14 add:

Search Class—
35—EDUCATION, subclasses 28.3 and 28.5, for color comparison charts not specialized to testing an unknown color by comparing it directly with a color on the chart.

95, Photography

in subclass 101, under "(1) Search Classes" in the reference to class 120 change "43.5" to 42.07.

101, Printing

in subclass 26, add the following:

Search Class—
120—STATIONERY, subclass 42.07, for fountain pens provided with perforating means.

119, Animal Husbandry

in the class definition, under "Search Classes", in the reference to class 120, change "43.5" to 42.07.

120, Stationery

in the class definition, under "Search Class", after "guide" insert the following:

and see particularly (2) Note under subclass 42.12 below for the line between this class (120) and class 33 with reference to pens.

establish the following subclass definition:

7.5. Point protectors for fountain pens, usually caps, combined with other articles of stationery not directly connected with fountain pen operation.

(1) Note.—Where the fountain pen is recited as an element of the combination, the patent is also included in this subclass.

Search this class, subclass—
42.01+—for general fountain pen cap structure.
42.04—for fountain pen caps provided with pen operating implements.
38 and 84—for pencil caps provided with attachments.

in subclass 9, insert:

Search this class, subclass—
42.02+ and 42.13—for fountain pens provided with point projecting mechanism.

abolish subclass 14

establish the following subclass definitions:

14.1. Subject matter under subclass 9 in which the pen or pencil has a plurality of writing points and/or the case comprises one or more storage chambers or magazines for said writing points.

(1) Note.—The writing points need not be fed directly from the magazine to the chuck in order to classify in this and indented subclasses.

Search this class, subclass—
1—for fountain pens combined with non-fountain type pens and/or pencils.
15—for pencils combined with sharpening devices.
42.1+, 42.16+ and 42.18—for plural fountain pen combinations.

Search Class—
7—COMPOUND TOOLS, appropriate subclasses, for one or more marking devices for this class (120) combined with one or more tools not classified in this class.
16—MISCELLANEOUS HARDWARE, subclass 110.5 (and see the notes thereto), for handles which contain receptacles.
145—WOODWORKING TOOLS, subclass 62+, for woodworking tools of the magazine type.

14.2. Subject matter under subclass 14.1 in which one or more of the points is a pen point.

Search this class, subclass—
1—for fountain pens combined with non-fountain type pens and/or pencils.
42.1+, 42.16+ and 42.18—for plural fountain pen combinations.

14.3. Subject matter under subclass 14.1 in which a point in marking position can be withdrawn into the case and another point (usually having a different characteristic) may be projected in its place.

Search this class, subclass—
42.13—for plural fountain pens with similar structure.
42.18—for fountain pens with plural points having similar structure.

Search Class—
7—COMPOUND TOOLS, subclass 16, for bits pivoted to holders so that any one of them can be pivoted for use.

14.5. Subject matter under subclass 14.3 in which the points each have separate chucks which are projected and retracted to position and withdraw the points.

14.7. Subject matter under subclass 14.1 in which the sequence in which the points leave the magazine is determined by the loading of the magazine.

14.8. Subject matter under subclass 14.7 in which the magazine is a single lead-containing chamber so dimensioned that the leads are aligned in single file, end to end.

14.9. Subject matter under subclass 14.1 in which the case contains a separate magazine or storage chamber from which the points must be manually removed for insertion at the point of use.

Search this class, subclass—
7.5—for such storage means combined in a fountain pen cap.
42—for storage means for ink pellets combined in a fountain pen body.
42.01+—for storage means for ink pellets combined with a fountain pen cap.

Search Class—
16—MISCELLANEOUS HARDWARE, subclass 110.5 (and see the notes thereto), for handles which contain receptacles.

in subclass 38, add the following:

Search this class, subclass—
7.5—for fountain pen caps with erasers attached.
14.1+—and especially 14.9 for magazine pencils having erasers. The eraser usually acts as a closure for the magazine.

in subclass 42, insert:

(2) Note.—The definition of this subclass is to be understood as providing for the subject matter of 42.01+ hereunder even though the pen point and reservoir are not included in the combination.

and under "Search Class" add:

41—ORNAMENTATION, subclass 17+, and particularly subclass 34+, for ornamentation arrangements suitable for fountain pen use.

establish the following subclass definitions:

42.01. Fountain pens under subclass 42 having a guard, shield or cap for protecting the pen point when not in use.

(1) Note.—This subclass includes patents directed to the point protector or cap per se when not otherwise classifiable.

Search this class, subclass—
7.5—for fountain pen caps in combination with other articles of stationery.
84 and 87—for pencil point protectors.

Search Class—
16—MISCELLANEOUS HARDWARE, subclass 108+, for ferrules.
215—BOTTLES AND JARS, subclass 38+, for bottle caps.
220—METALLIC RECEPTACLES, subclass 24+, and especially subclasses 39+ and 55+, for receptacle closures and retaining means therefor.
279—CHUCKS OR SOCKETS, appropriate subclasses, for sockets with rod retaining means.
285—PIPE JOINTS OR COUPLINGS, subclass 161+, for pipe sockets and retaining means.
287—ROD JOINTS OR COUPLINGS, subclass 119+, for rod joints including a socket connection.

42.02. Fountain pens under subclass 42.01 having parts which are relatively movable along the axis of the assembly between a point protecting position and a writing position.

(1) Note.—Pens which are provided merely with a removable cap for protecting the point are excluded from this subclass.

(2) Note.—Plural pens or pens with plural points which also have retractile portions are excluded from this subclass as being primarily so designed for preventing interference rather than for point protection.

Search this class, subclass—
9+—for pencils, and pens other than fountain pens, provided with point projecting or retracting mechanism.
42.13—for plural fountain pens having point projecting or retracting mechanism.

42.03. Fountain pens under subclass 42.02 in which the relatively movable parts are a point-reservoir combination and a guard member mounted thereon for movement therealong between a point protecting position and a point exposing position.

42.04. Fountain pens under subclass 42.01 in which either: (1) the point protector or cap carries or acts as an implement for operating the fountain pen mechanism, or (2) the arrangement is such that operation of the pen mechanism is required to permit movement of the point protector from or to protecting position.

Search this class, subclass—
42.02—for fountain pens of the point retracting type having caps adapted to act as implements for retracting the point.

42.05. Fountain pens under subclass 42.01 wherein the point protector has one of the following or any combination thereof:

(1) an ink sealing means, other than mere attaching structure.
(2) means to ventilate at least a portion of the interior thereof.
(3) means for retaining escaped ink.
(4) means for moistening the pen point.
(5) means comprising soft or resilient material for engaging the point as a protection against abrasion or shock.

Search this class, subclass—
42.02—for fountain pens of the point retracting type in which the cap is provided with a seal for closing the reservoir opening after retraction of the point.

42.06. Fountain pens under subclass 42 having special features adapting or confining the structure to use with recorders.

(1) Note.—Some of the features which distinguish the pen as for recording, when so disclosed are as follows:
(1) Having an open-topped reservoir.
(2) Designed for operation on a vertical surface.
(3) Means for conducting writing fluid from a reservoir to a pen which is movable with respect thereto.
(4) Means for conducting writing fluid from a low level reservoir to an elevated pen.

Search Class—
346—RECORDERS, subclass 140, for fountain pens of the recorder type wherein the pen acts as the recording arm, or is provided with mechanism for attachment thereto.

42.07. Fountain pens under subclass 42 having means for perforating and permitting ink to penetrate the perforated outlines.

Search Class—
101—PRINTING, subclass 26, for printing machines provided with piercing means.
164—CUTTING AND PUNCHING SHEETS AND BARS, subclass 89.5, for similar perforating devices without inking means.

42.08. Fountain pens under subclass 42 provided with means, other than mere failure of a primary supply, for indicating (1) the amount of writing fluid in the reservoir or (2) that a sufficient amount is present.

Search this class, subclass—
42.16—for fountain pens having an auxiliary reservoir the contents of which may be employed upon failure of the primary ink supply.

Search Class—
73—MEASURING AND TESTING, subclass 290+, for liquid level gauges of general application.
222—DISPENSING, subclass 154+, for dispensers provided with supply inspection devices.

42.1. Fountain pens under subclass 42 having more than one distinct point-reservoir combination which combinations are connected to form a single implement.

Search this class, subclass—
1—for combination fountain pens and pencils.
14.1+—for polypointed pencils and dip type pens, and especially 14.2, for devices wherein at least one point is a pen.

42.12. Fountain pens under subclass 42.1 in which the point-reservoir combinations are mounted adjacent each other with points extending in substantially the same direction.

(1) Note.—Patents for pens which are adapted for simultaneous operation of the points as well as those which are adapted for selective use wherein the desired point may be brought into operating position by rotation of the pen about its axis are collected in this subclass.
(2) Note.—The line between this class (120), subclasses 42.12, 42.18 and 111, and class 33, GEOMETRICAL INSTRUMENTS, subclass 41 is as follows: Class 120 takes pens with plural points wherein (1) the construction is such that the pen is convertible from simultaneous operation to selective operation, or (2) if designed for simultaneous operation, the disclosed characteristics of the points are such that the mark produced by one complements the marks simultaneously produced by others to provide a unitary design (e. g., "shading pens"). When the pen is adapted solely for the simultaneous drawing of a plurality of independent lines, the patent is in class 33.

Search Class—
33—GEOMETRICAL INSTRUMENTS, subclass 41, for pens having plural simultaneously operable points and see (2) Note above for the line.

42.13. Fountain pens under subclass 42.12 in which either (1) the one pen point or point-reservoir combination is mounted for reciprocation on the other, or (2) one or both points or point reservoir combinations are reciprocably mounted on a casing.

42.15. Fountain pens under subclass 42 provided with means for holding a supply of ink (1) in solid form or (2) in thick liquid form, and for mixing therewith a pigment vehicle or diluent to provide ink of normal writing fluidity to the point.

Search Class—
23—CHEMISTRY, subclass 267+, for extracting or leaching apparatus of general utility.

42.16. Fountain pens under subclass 42 having (1) more than one supply chamber for writing fluid, or (2) a single chamber element which is completely or partially subdivided so as to provide an auxiliary supply.

(1) Note.—Pens having both plural reservoirs and plural points, but not in distinct point-reservoir combination are classified in subclass 42.16+ and cross-referenced in subclass 42.18.

Search this class, subclass—
42.1+—for fountain pens with plural reservoirs and plural points in distinct point-reservoir combination.

Search Class—
222—DISPENSING, subclass 129+, particularly subclass 145 and subclass 424.5, for dispensers with plural supply reservoirs.

42.17. Fountain pens under subclass 42.16 wherein any one of the writing fluid supply chambers may be connected in feeding relationship to a point under manual control of the operator.

Search this class, subclass—
48—for fountain pen valve structure.

42.18. Fountain pens under subclass 42 having more than one writing point.

Search this class, subclass—
14.1—for polypointed pencils and dip type pens, and especially 14.2 for devices wherein at least one point is a pen.
42.1+—for fountain pens with plural points and plural reservoirs in distinct point-reservoir combination.

Search Class—
33—GEOMETRICAL INSTRUMENTS, subclass 41, for pens having a plural simultaneously operable points and see (2) Note under class 120, subclass 42.12 for the line.
222—DISPENSING, subclass 478+ and particularly subclass 482+, for dispensers provided with plural discharge guides.

abolish subclasses 43 and 43.5,

in subclass 44, cancel the definition and substitute:

44. Fountain pens under subclass 42 wherein the applicator element is a hollow cone penetrated by a slender rod or spindle, one of which forms the writing point.

in subclass 45, cancel the definition and substitute:

45. Fountain pens under subclass 44 in which a spring element normally acts to protrude the spindle from the cone tip.

Search Class—
15—BRUSHING, SCRUBBING, AND GENERAL CLEANING, subclass 139, for fountain applicators of general utility having similar structure.

establish the following subclass definitions:

45.4. Fountain pens under subclass 42 provided with means for holding a readily removable and replaceable ink container.

(1) Note.—This subclass also takes the combination of the fountain pen and ink container.
(2) Note.—Pens having replaceable portions which include a writing point in addition to the ink container are excluded from this subclass, being placed according to the other features of the pen structure (e. g. 42.4).

Search Class—
206—SPECIAL RECEPTACLES AND PACKAGES, subclass 56, for packages of material which include a cartridge as the container.
215—BOTTLES AND JARS, subclasses 32 and 42, for glass containers and cartridges.
220—METALLIC RECEPTACLES, subclass 27, for metal containers and cartridges.
222—DISPENSING, subclasses 80+ and 567+, for dispensers provided with container engaging means.

45.6. Fountain pens under subclass 42 which include an applicator element of unconventional configuration designed to fit the pen for a special purpose.

Search this class, subclass—
109+—for dip pens having applicators of special utility.

in subclass 48, add:

Search this class, subclass—
42.17—for plural reservoir fountain pens having selector valves.

Search Class—
15—BRUSHING, SCRUBBING, AND GENERAL CLEANING, subclasses 138 and 139, for fountain applicators of general utility having valves.
222—DISPENSING, subclass 501, for dispensers provided with valved outlets having an actuating element projecting through the discharge guide, and see appropriate subclasses, especially 544+, for dispensers having valved outlets in general.

abolish subclass 49.

in subclass 50, add:

Search this class, subclass—
48—and see search notes appended thereto for fountain pens, applicators, and dispensers provided with flow controlling means in the form of a valve.

in subclass 84, add:

Search this class, subclass—
7.5 and **42.04**—for fountain pen caps provided with attachments.

in subclass 109, under "Search this class, subclass" change "43+" to *45.6*.

in subclass 111, add:

Search Class—
33—GEOMETRICAL INSTRUMENTS, subclass 41, for pens having plural simultaneously operable points, and see (2) Note under class 120, subclass 42.12 for the line.

126, Surgery

in subclass 1.3, cancel the note and add:

Search Class—
175—ELECTRICITY, GENERAL APPLICATIONS, subclass 21, for electromagnets; subclass 335, for miscellaneous systems for supplying electric current to an electromagnet, and subclass 356+, for transformer and reactor structure.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 44+ and the subclasses specified in the notes to the definition of those subclasses for miscellaneous transformer systems and subclass 82+ and the subclasses specified in the notes to the definition of those subclasses for miscellaneous reactor systems.

136, Batteries

in the class definition, under "Search Classes" add in numerical order:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 15, for systems for controlling the current and/or voltage magnitude in a single circuit, the control means including a battery or a counter-electro-motive cell.

145, Woodworking Tools

in subclass 62, under "Search Class" add:

120—STATIONERY, subclass 14.1+ and particularly subclass 14.9, for pen and pencil cases having storage magazines.

164, Cutting and Punching Sheets and Bars

in subclass 89.5, under "Search Class", change "43.5" to *42.07*.

in subclass 123.3, under "Search Class", cancel the reference to 30, Cutlery, and substitute:

30—CUTLERY, subclass 16, for can punches; subclass 164.5, for ice picks; and subclass 164.9, for hand manipulable devices for marking by means of a point or cutting edge.

in subclass 124, under "Search Class", in the reference to class 30, after "picks", insert:

; subclass 164.9, for hand manipulable devices for marking by means of a point or cutting edge; and

169, Fire Extinguishers

in the class definition, first paragraph, change "subclasses" to *classes*.

178, Telegraphy

in subclass 44, under "(2) Search Class" add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100 for current and/or voltage magnitude control systems; indented subclass 44+, for miscellaneous transformer systems; indented subclass 63+, for miscellaneous impedance systems; and subclasses 101 to 129 for miscellaneous phase control systems. Some of the systems in subclass 44 of class 178 are closely analogous to the systems classified in class 323. For the line between this subclass and class 323, see sections VII D and IX B of the class definition of class 323.

201, Resistances and Rheostats

in the class definition, cancel the note and add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 94+ and the subclasses specified in the notes to the definition of those subclasses for current and/or voltage magnitude control systems using one or more resistors as the control means and for miscellaneous resistance systems, and 101 to 129 for phase control systems including a resistor for controlling the phase, see 125 where the control means includes a reactor, condenser and resistor, and subclass 126 where the control means includes a reactor and a resistor.

in subclass 50, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 95, for miscellaneous resistor systems and for current and/or voltage magnitude control systems having a resistor as the control means, the resistor being a pressure variable compressible resistance.

in subclass 57, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 99+, for miscellaneous resistor systems and for current and/or voltage magnitude control systems having a resistor as the control means, the resistor being a liquid resistor.

in subclass 65, cancel the note and add:

Search Class—
219—ELECTRIC HEATING, subclass 38+, for fluid heaters having an electric heater for the fluid, see indented subclass 41 for such heaters where the heating element is immersed in the fluid.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 99, for miscellaneous resistor systems and for current and/or voltage magnitude control systems having a resistor as the control means, the resistor being provided with liquid contact means for making connection to the resistance.

204, Chemistry, Electrical and Wave Energy

in subclass 223, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100, for miscellaneous systems for controlling the current and/or voltage in a single circuit.

in subclass 228, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100, for miscellaneous systems for controlling the current and/or voltage in a single circuit.

in subclass 305, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100, for miscellaneous systems for controlling the current and/or voltage in a single circuit.

in subclass 316, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100, for miscellaneous systems for controlling the current and/or voltage in a single circuit.

in subclass 317, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 44+, and the subclasses specified in the notes to the definition of those subclasses, for miscellaneous transformer systems and for systems for controlling the current and/or voltage magnitude having a transformer as the control means

in subclass 326, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100, for miscellaneous systems for controlling the current and/or voltage in a single circuit.

in subclass 327, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100, for miscellaneous systems for controlling the current and/or voltage in a single circuit.

206, Special Receptacles and Packages

in subclass 44, add:

Search this class, subclass—
78+—for packages of the display card type.

Search Class—
211—SUPPORTS, RACKS, for display devices which comprise racks.
217—WOODEN RECEPTACLES, subclasses 79, 11, 58 and 63, for wooden display boxes and display closures.
229—PAPER RECEPTACLES, subclass 71, for display envelopes.
312—SUPPORTS, CABINET STRUCTURES, subclass 114+, for display cabinets of the show case type.

in subclass 45, add:

Search Class—
190—BAGGAGE, subclass 16+, for sample cases with terraced trays.
211—SUPPORTS, RACKS, subclass 128+, for racks including terraced trays and subclass 137+, for racks with terraced shelves.

establish the following subclass definitions:

44.11. Display devices under subclass 44 provided with a main stock compartment and a compartment or other means for holding and displaying a sample.

Search this class, subclass—
77—for stock and sample trays.

Search Class—
312—SUPPORTS, CABINET STRUCTURES, subclass 118+, for cabinets of the show case type provided with stock and sample compartments.

44.12. Display devices under subclass 44 having means to facilitate dispensing of the contents of the display receptacle.

Search this class, subclass—
56+—for dispensing packages not having display features claimed.

Search Class—
222—DISPENSING, for dispensers in general.
229—PAPER RECEPTACLES, subclasses 7 and 17, for dispensing paper boxes.
312—SUPPORTS, CABINET STRUCTURES, subclass 35+, for article dispensing cabinets.

45.11. Shipping and storage receptacles and packages under subclass 44 of the sectional or multiple compartment type in which the receptacle comprises either (1) a plurality of substantially complete compartments or units pivotally or otherwise interconnected so as to be movable from a generally compact shipping and/or storage arrangement to a multiple compartment display arrangement or (2) a single compartment shipping or storage receptacle having separable wall portions so that sections of the receptacle may be pivoted about each other to form a multiple compartment display.

Search this class, subclass—
45—for display containers having terraced or stepped shelves or trays.

Search Class—
220—METALLIC RECEPTACLES, subclass 4, for sectional metallic containers and subclass 20+, for compartmented containers.

45.12. Devices under subclass 45.11 in which the receptacle sections are integrally connected by scored or weakened wall portions to permit separation of said sections at said weakened portion.

45.13. Devices under subclass 44 in which the receptacle contents is tilted or projected to display position upon opening the cover.

Search this class, subclass—
42.2+—for devices wherein the receptacle itself may be moved to display position by opening the cover.
45.14+—for covers having means for mounting thereto the displayed contents.

Search Class—
190—BAGGAGE, subclass 17, for sample cases with link supported trays.
312—SUPPORTS, CABINET STRUCTURES, subclass 174, for cabinets having interconnected closure and rack and subclass 186, for cabinets with combined closure and tray or shelf.

45.14. Devices under subclass 44 having specific means for supporting or positioning the contents of the receptacle in display position.

45.15. Devices under subclass 45.14 in which the contents supporting means compresses a slidable or pivotally mounted compartment or support.

45.16. Devices under subclass 45.14 in which the contents supporting means is a follower or adjustable container bottom.

Search this class, subclass—
56+—for dispensing packages which include followers.

Search Class—
217—WOODEN RECEPTACLES, subclass 64, for followers for wooden boxes and subclass 86, for followers for wooden barrels.
220—METALLIC RECEPTACLES, subclass 93, for followers for metallic receptacles.
222—DISPENSING, subclass 386+, for dispensing containers with followers.
312—SUPPORTS, CABINET STRUCTURES, subclasses 54, 56, 57, 61, 62, 68, 69 and 71, for article dispensing cabinets with followers.

45.17. Devices under subclass 45.14 in which one or more of the side walls are pivoted adjacent their lower edges and arranged to swing outwardly to a generally horizontal position to form a display panel or supporting means for displaying the contents.

45.18. Devices under subclass 45.14 movable to and adapted to be supported in an inclined display position.

45.19. Devices under subclass 45.14 located on the receptacle bottom and comprising a supporting bed to hold the contents or a portion thereof in spaced relation to the receptacle bottom wall.

45.2. Receptacles under subclass 44 provided with a cover which is convertible to or includes or carries means to form a support or easel for holding the receptacle in inclined or elevated display position.

45.21. Devices under subclass 45.2 of the folded blank type.

Search Class—
229—PAPER RECEPTACLES, subclass 16+, for folded blank box structure.

45.22. Devices under subclass 45.21 comprising multiple blanks.

Search Class—
229—PAPER RECEPTACLES, subclass 23, for multiple blank paper boxes.

45.23. Devices under subclass 45.2 in which the cover is hinged to the receptacle or is connected thereto by pivoted links.

45.24. Receptacles under subclass 44 provided with a support or easel for supporting the entire receptacle in display position, the support being foldable or movable to an inoperative position to provide with the receptacle a compact shipping or storage unit.

Search this class, subclass—
45.2+—for covers which are convertible to easels.

Search Class—
248—SUPPORTS, appropriate subclass, for supports per se.

45.25. Devices under subclass 45.24 of the folded blank type.

Search Class—
248—SUPPORTS, subclass 152, for supports per se of sheet material and subclass 198, for easels formed of sheet material.

45.26. Devices under subclass 45.25 in which the support is cut from one or more of the box walls.

45.27. Devices under subclass 45.25 comprising multiple blanks.

45.28. Receptacles under subclass 44 provided with a cover which when opened functions as an upstanding display card.

Search this class, subclass—
44.11—for covers convertible to display cards having means thereon to hold and display a sample of the container contents.

Search Class—
217—WOODEN RECEPTACLES, subclass 60+, for hinged closures having support means to hold them in open position.

45.29. Devices under subclass 45.28 of the folded blank type.

45.3. Devices under subclass 45.29 comprising multiple blanks.

45.31. Receptacles or packages under subclass 44 constructed to enable inspection of the contents without opening the receptacle.

Search Class—
220—METALLIC RECEPTACLES, subclass 82, for metallic receptacles having transparent wall portions.

45.32. Devices under subclass 45.31 for displaying pies.

Search this class, subclass—
46—for pie packages not having any display functions.

Search Class—
99—FOODS AND BEVERAGES, subclass 150+, for food packages in which the food is claimed as part of the combination or where the package lining coacts with the food in some special way to modify or enhance its properties.

45.33. Devices under subclass 45.31 which include an inner supporting means, which may be the contents or a substantially rigid box, and a flexible transparent wrapper substantially covering the supporting means.

Search Class—
229—PAPER RECEPTACLES, subclass 87+, for paper wrappers per se.

45.34. Devices under subclass 45.31 in which transparent means covers one or more walls of the receptacle.

Search this class, subclass—
45.33—for transparent wrappers which cover substantially the entire package.

217, Wooden Receptacles

in subclass 11, add:

Search Class—
206—SPECIAL RECEPTACLES AND PACKAGES, subclass 44 and the search notes thereunder, for other display receptacles.

219, Electric Heating

in subclass 4, under "Search Class", add:
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100 for miscellaneous systems for controlling the current and/or voltage magnitude in a single circuit, see especially subclass 16+, for such systems having electronic tube means as the current and/or voltage magnitude control means. Many of the systems in subclass 16+, especially those in indented subclasses 18 and 30+ are disclosed as being useful in controlling the current in welding circuits.

in subclass 13, add:

Search Class—
175—ELECTRICITY, GENERAL APPLICATIONS, subclass 356+, for the structure of transformers.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 44+, and the subclasses referred to in the notes to the definitions of those subclasses for current and/or voltage magnitude control systems having a transformer as the control means and for miscellaneous transformer systems.

in subclass 20, under "Search Class", add:
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100, for systems for controlling the magnitude of the current or voltage in a single circuit. See subclass 94+ and the subclasses referred to in the notes to the definitions of those subclasses for such systems when the control means is a resistor and for miscellaneous resistor systems.

in subclass 40, under "Search Class", add:
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 99, for systems for controlling the current and/or voltage in a single circuit where the control means is a liquid resistor and for miscellaneous resistor systems having a liquid resistor.

in subclass 47, under "Search Class", add:
175—ELECTRICITY, GENERAL APPLICATIONS, subclass 356+, for miscellaneous transformer structure.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 44+ and the subclasses specified in the notes to the definition of those subclasses for miscellaneous transformer systems.

220, Metallic Receptacles

in subclass 82, under "Search Class", insert:
206—SPECIAL RECEPTACLES AND PACKAGES, subclass 45.3+, for display receptacles and packages with windows or transparent wall portions.

222, Dispensing

in subclass 325, in (1) Note, cancel "compressing" and substitute *comprising*,

in subclass 372, under "Search Class", in the reference to class 225, change "subclasses 19 and 31" to *subclass 19*.

229, Paper Receptacles

in subclass 16, add:

Search Class—
206—SPECIAL RECEPTACLES AND PACKAGES, subclass 44+, for shipping and storage display vessels including folded blank boxes having modifications to provide for display.

236, Automatic Temperature and Humidity Regulation

in the class definition, add:

Search Class—
322—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100, for miscellaneous systems for controlling the current and/or voltage magnitude in a single circuit. See especially subclasses 19+ and 64+ for such systems which are automatically controlled. See subclass 68 for such systems having an impedance which is controlled in response to thermal conditions.

in subclass 69, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 68+ and subclass 75 for systems for controlling the magnitude of the current and/or potential in a single circuit where the control means is a bridge arrangement of impedances or is a plurality of impedances. See subclass 68+ where the impedances are automatically controlled in response to thermal conditions.

238, Railways, Surface Track

change the number of subclass 14.1 to read *14.05*,

change the number of subclass 14.10 to read *14.1*.

241, Solid Material Comminution or Disintegration

in the class definition, under 4, Coating or Shaping of Material, in B, under "Search Class", in the reference to class 144, add:

A machine for wood chipping or shaving will be considered as imparting a desired shape only if there exists some means for so shaping as, e. g., the operation of the machine moves the wood holder with respect to the cutter, or the cross section of the cutter or chipper is so designed as to produce the desired contour.

250, Radiant Energy

in subclass 27, (1) Note, cancel the second sentence and substitute:

Such systems where the load device is specified as being a particular load device are classified with the art to which the system relates, other such systems where the load device is recited merely as a load device are classified in class 323, provided the system operates only to control the current and/or voltage magnitude in a single circuit or operates only to control the phase in a single circuit. Other such systems which are not otherwise provided for are classified in this subclass. See the reference to class 323 below.

under "Search Class" cancel the reference to class 171, and substitute:

171—ELECTRICITY—GENERATION, subclass 95, for electric space discharge device voltmeter circuits and cathode ray oscilloscope circuits; subclass 97, for miscellaneous electric systems not otherwise classified and electric distribution systems which have an electric space discharge device as a part thereof; the subclasses indented under the title "Regulators"; and subclasses 312 and 313 for systems of distribution, that is, systems having either a plurality of source circuits or a plurality of output circuits and having an electric space discharge device for controlling the magnitude of the current and/or voltage in the system. See the reference to class 323 below.

cancel the reference to class 172, and substitute:

172—ELECTRICITY, MOTIVE POWER, subclass 245, for electric space discharge device systems used with phase indication apparatus; and subclass 281, for electric space discharge device systems for controlling frequency changers.

and insert in numerical order:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 16+, and the subclasses specified in the notes to the definition of those subclasses for systems for controlling the current and/or voltage magnitude in a single circuit by means of an electric space discharge device; subclass 86, for current and/or magnitude voltage controlled systems having a reactor controlled by an electric space discharge device and subclass 119, for systems for controlling the phase in a single circuit by means of an electric space discharge device. For the line between the systems in this subclass and in class 323, see section VII B of the class definition of class 323.

in subclass 40, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 44+, for miscellaneous transformer systems and subclass 63+, for miscellaneous impedance systems including those having reactors and condensers. Where the system is for the purpose of tuning to control the resonant characteristics of the system with respect to a particular frequency, it is in this subclass. See sections VII D and IX B of the class definition of class 323 for the line between this subclass and class 323.

in subclass 41.5 under "Search Class" add:
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 21, for systems for controlling the current and/or voltage in a single circuit by means of an electronic tube which is automatically controlled by photosensitive means.

in subclass 103, under "(2) Search Class" cancel the reference to class 171, and add:
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100, for miscellaneous systems for controlling the magnitude of the current and/or voltage in a single circuit.

264, Speed Responsive Devices

in the class definition, in the note, add:
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 71, for current and/or voltage magnitude control systems having a speed or centrifugal force controlled impedance for controlling the circuit.

280, Land Vehicles

change the number of subclass 33.10 to read *33.1*.

286, Packed Shaft or Rod Joints

establish the following subclass definitions:

11.11. Centrifugal devices under subclass 7, wherein the contact is controlled by the action of centrifugal force.

11.12. Devices under subclass 7, wherein the contact between sealing surfaces is maintained by means pressing or urging the shaft axially.

11.13. Devices under subclass 7, wherein the sealing surfaces are relatively movable and are normal to or at an oblique angle to the axis of rotation.

11.14. Devices under subclass 11.13 wherein one of the sealing surfaces is movable longitudinally of the shaft.

Search this class, subclass—
22, 23 and 30—for longitudinally pressed packing for non-rotatable shafts.

11.15. Devices under subclass 11.14 which rotate with the shaft.

11.16. Devices under subclass 7 wherein the packing is resiliently urged radially into a sealing engagement with the rod.

Search this class, subclass—
24—for radially pressed packings for non-rotary rods.

292, Closure Fasteners

in subclass 262, add:

Search Class—
20—WOODEN BUILDINGS, subclass 55, for extension links connecting storm windows to principal windows.

314, Electric Lamp and Discharge Devices, Consumable Electrodes

in the class definition under "(8) Search Classes" add:
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100, for systems for controlling the current and/or voltage magnitude in a single circuit. See especially subclass 1+, for such systems having means for regulating either the load or the circuit to maintain the load current constant.

in subclass 32, under "Search Class" add:
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 44+, and the subclasses specified in the notes to the definitions of those subclasses, for miscellaneous transformer systems and for systems for controlling the current and/or voltage in a single circuit by means including a transformer.

in subclass 115, under "Search Class" cancel the reference to class 171, and substitute:
171—ELECTRICITY, GENERATION, those subclasses indented under the title "Regulators", especially 119, 229, and 242, for the structure of electric current and/or voltage regulators.
175—ELECTRICITY, GENERAL APPLICATIONS, subclass 335, for miscellaneous systems for supplying electric current to an electromagnet.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100, for systems for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 132, under "(3) Search Classes" cancel the reference to classes 171 and 175, and substitute:
171—ELECTRICITY, GENERATION, those subclasses indented under the title "Regulators", especially 119, 229, and 242, for the structure of electric current and/or voltage regulators.
175—ELECTRICITY, GENERAL APPLICATIONS, subclass 41+, for condensers, subclass 335, for miscellaneous systems for supplying electric current to an electromagnet, and subclass 356+ for inductances.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100, for systems for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 135, under "Search Class" cancel the reference to 171, and substitute:
171—ELECTRICITY, GENERATION, those subclasses indented under the title "Regulators", especially 119, 229, and 242, for the structure of electric current and/or voltage regulators.
175—ELECTRICITY, GENERAL APPLICATIONS, subclass 335, for miscellaneous systems for supplying electric current to an electromagnet.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100, for systems for controlling the magnitude of the current and/or voltage in a single circuit.

315, Electric Lamp and Discharge Devices, Systems

in the class definition, (3) Note, add:
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 16+ and the subclasses specified in the notes to the definitions of those subclasses for systems for controlling the magnitude of the current and/or voltage in a single circuit having a discharge device as the control means. The discharge device may be either a vacuum tube or a gas or vapor tube. The systems in class 323 include more than the mere circuit for supplying electric current or potential to the discharge device for merely causing a discharge to take place within the tube or for regulating the discharge within the tube. Many of the systems in class 323 are closely analogous to the systems in this class. See section VII B of the class definition of class 323 for the line between this class and class 323.

under "Search Class", add:
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, see (3) Note above. See subclass 119, for systems for controlling the phase of a single circuit by means of a discharge device.

in subclass 102, under "Search Class", add:
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 41, for systems for controlling the current and/or voltage magnitude in a single circuit by means of a discharge device to systems including means to delay the application of the discharge potential to the discharge device until the cathode has reached its operating temperature. The systems in class 323, subclass 41 are closely analogous to the systems in this and the indented subclasses. See VII B for the line between class 323 and this class.

in subclass 106, add:

Search Class—
322—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100, for miscellaneous systems for controlling the magnitude of the current and/or potential in a single circuit.

in subclass 107, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1 to 100, for miscellaneous systems for controlling the magnitude of the current and/or potential in a single circuit.

in subclass 141, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 44+, for miscellaneous polyphase transformer systems.

in subclass 149, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 21, for systems for controlling the current and/or voltage magnitude in a single circuit where the control means is a discharge device which is automatically controlled by photosensitive means. The systems in class 323 are closely analogous to the systems in this and the indented subclasses. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 177, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 44+, for miscellaneous transformer systems.

in subclass 194, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 18 and 34+, for systems for controlling the magnitude of the current or voltage in a single circuit by means of a discharge device having a discharge control device (e. g., grid), the discharge device circuit including means for shifting the phase of the potential in the discharge control device circuit with respect to the potential in the output circuit. See subclass 18 where the system includes means to cause the discharge device to operate intermittently, that is, for a limited number of cycles and then to cut off. The systems in class 323 are very closely analogous to the systems in this and the indented subclasses. For the line between class 323 and class 315, see section VII B of the class definition of class 323.

in subclass 196, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 24, for miscellaneous systems having a plurality of discharge devices connected in inverse parallel relationship and having means for shifting the phase of the current and/or voltage in the discharge control device circuit with respect to the output current and/or voltage for controlling the magnitude of the current and/or voltage in a single circuit. Some of the systems in subclass 24 of class 323 are closely analogous to the systems in this and the indented subclasses. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 200, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 16+, for miscellaneous systems having one or more discharge devices for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 205, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 23+, for miscellaneous systems having a plurality of discharge devices for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 206, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 16+, for miscellaneous systems having one or more discharge devices in the primary circuit of a transformer for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 208, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 26+ and the subclasses specified in the notes to the definition of those subclasses, for miscellaneous systems having a discharge device which is provided with a discharge control device for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 227, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 93 and the subclasses specified in the notes to the definition of that subclass, for miscellaneous condenser systems and for miscellaneous systems having a condenser for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 251, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 24, for miscellaneous systems having a plurality of discharge devices connected in inverse parallel relationship for controlling the magnitude of the current and/or voltage in a single circuit. Some of the systems in subclass 24 of class 323 are closely analogous to the systems in this subclass. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 252, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 23+, for miscellaneous systems having a plurality of discharge control discharge devices for controlling the magnitude of the current and/or voltage in a single alternating current circuit. Some of the systems in subclass 23+ of class 323 are closely analogous to the systems in this subclass. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 254, add:

Search Class—
171—ELECTRICITY, GENERATION, subclass 119, for the structure of transformers provided with regulating means (taps, saturable cores, etc.).
175—ELECTRICITY, GENERAL APPLICATIONS, subclass 356+, for the structure of transformers.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 44+ and the subclasses specified in the notes to the definitions of those subclasses, for miscellaneous transformer systems and for systems having a transformer for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 257, add:

Search Class—
171—ELECTRICITY, GENERATION, subclass 119, for the structure of plural secondary or tapped secondary coil transformers which are provided with regulating means (taps, saturable cores, etc.).
175—ELECTRICITY, GENERAL APPLICATIONS, subclass 356+, for the structure of plural secondary coil transformers.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 48+, for miscellaneous systems having a plural primary or secondary winding transformer for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 258, add:

Search Class—
171—ELECTRICITY, GENERATION, subclass 242, for the structure of inductances provided with regulating means (saturable core, variable inductance, etc.).
175—ELECTRICITY, GENERAL APPLICATIONS, subclass 356+, for the structure of inductances.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 82+ and the subclasses specified in the notes to the definition of those subclasses for miscellaneous reactor systems and for systems having an inductance for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 259, add:

Search Class—
171—ELECTRICITY, GENERATION, subclass 242, for the structure of variable inductances.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 82+ and the subclasses specified in the notes to the definition of these subclasses, for systems having a variable inductance for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 261, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 28, for alternating current systems having a discharge device with an auxiliary starting electrode for controlling the magnitude of the current and/or voltage in a single circuit. Some of the systems in subclass 28 of class 323 are closely analogous to the systems in this subclass. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 262, add:

Search Class—
171—ELECTRICITY, GENERATION, subclass 119, for the structure of transformers having regulatory means (taps, saturable cores, etc.).
175—ELECTRICITY, GENERAL APPLICATIONS, subclass 242, for the structure of transformers.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 44 and the subclasses specified in the notes to the definition of these subclasses for miscellaneous transformer systems.

in subclass 263, add:

Search Class—
171—ELECTRICITY, GENERATION, subclass 242, for the structure of inductances having regulatory means (taps, variable inductances, etc.).
175—ELECTRICITY, GENERAL APPLICATIONS, subclass 356+, for the structure of inductances.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 82+ and the subclasses specified in the notes to the definitions of these subclasses for miscellaneous reactor systems.

in subclass 264, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 63+ and the subclasses specified in the notes to the definition of these subclasses for miscellaneous impedance systems.

in subclass 267, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 29, for systems having an electromagnetically controlled discharge device for controlling the magnitude of the current and/or voltage in a single alternating current circuit. Some of the systems in subclass 29 of class 323 are closely analogous to the systems in this subclass. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 268, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 30+ and the subclasses specified in the notes to the definitions of these subclasses for systems having a discharge control discharge device for controlling the magnitude of the current and/or voltage in a single alternating current circuit. Some of the systems in subclass 30+ of class 323 are closely analogous to the systems in this subclass. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 269, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 26+, for systems having a discharge device with a plurality of discharge control devices for controlling the magnitude of the current and/or voltage in a single alternating current circuit. Some of the systems in subclass 26+ of class 323 are closely analogous to the systems in this subclass. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 270, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 31+, for miscellaneous systems having a discharge control discharge device which has its discharge control device circuit supplied with a plurality of different currents and/or potentials for controlling the magnitude of the current and/or voltage in a single alternating current circuit. Some of the systems in subclass 31+ of class 323 are closely analogous to the systems in this subclass. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 271, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 33, for miscellaneous systems having a discharge control discharge device which has its discharge control device circuit supplied with a plurality of alternating currents and/or potentials for controlling the magnitude of the current and/or potential in a single alternating current circuit. Some of the systems in subclass 33 of class 323 are closely analogous to the systems in this subclass. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 272, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 38, for miscellaneous systems having a discharge control discharge device which has a discharge device in the control circuit for controlling the magnitude of the current and/or voltage in a single alternating current circuit. Some of the systems in subclass 38 of class 323 are closely analogous to the systems in this subclass. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 273, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 93, for miscellaneous condenser systems.

in subclass 274, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 44+, for miscellaneous transformer systems.

in subclass 275, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 93, for miscellaneous condenser systems.

in subclass 276, under "Search Class", add:

171—ELECTRICITY, GENERATION, subclass 119, for the structure of transformers having regulatory means (e. g., taps, saturable cores, etc.).
175—ELECTRICITY, GENERAL APPLICATIONS, subclass 356+, for the structure of transformers.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 44+ and the subclasses specified in the notes to the definitions of those subclasses for miscellaneous transformer systems and for miscellaneous systems having a transformer for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 278, add:

Search Class—
171—ELECTRICITY, GENERATION, subclass 119, for the structure of transformers having three or more windings and having regulatory features (e. g., taps, saturating winding, etc.).
175—ELECTRICITY, GENERAL APPLICATIONS, subclass 356+, for the structure of transformers having plural primary or secondary windings.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 48+, for miscellaneous transformer systems and for transformer systems for controlling the magnitude of the current and/or voltage in a single circuit where the transformer has a plurality of primary or secondary windings, and subclass 56, for miscellaneous transformer systems and for transformer systems for controlling the magnitude of the current and/or voltage in a single circuit where the transformer has an auxiliary saturating winding.

in subclass 279, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 57+, for miscellaneous transformer systems and for systems having a transformer for controlling the magnitude of the current and/or voltage in a single circuit, the transformer being provided with current regulating means in its primary circuit.

in subclass 281, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 51+, for miscellaneous transformer systems and for systems having a transformer for controlling the magnitude of the current and/or voltage in a single circuit, the transformer having an adjustable or movable magnetic structure, and subclass 53+, for miscellaneous transformer systems and for systems having a transformer for controlling the magnitude of the current and/or voltage in a single circuit, the transformer having an adjustable or movable winding or coil.

in subclass 282, add:

Search Class—
171—ELECTRICITY, GENERATION, subclass 119, for the structure of transformers having regulatory means (taps, saturable cores, etc.).
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 44+ and the subclasses specified in the notes to the definition of those subclasses for miscellaneous transformer systems and for transformer systems for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 283, add:

Search Class—
171—ELECTRICITY, GENERATION, subclass 242, for the structure of inductances provided with regulating means (saturable core, variable inductance, etc.).
175—ELECTRICITY, GENERAL APPLICATIONS, subclass 356+, for the structure of inductances.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 82+, and the subclasses specified in the notes to the definition of those subclasses for miscellaneous reactor systems and for systems having an inductance for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 284, add:

Search Class—
171—ELECTRICITY, GENERATION, subclass 242, for the structure of variable inductances.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 82+ and the subclasses specified in the notes to the definition of those subclasses for systems having a variable inductance for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 285, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 90, for miscellaneous reactor systems and systems for controlling the magnitude of the current and/or voltage in a single circuit by means of a reactor, the reactor having a movable coil and/or core.

in subclass 289, add:

Search Class—
171—ELECTRICITY, GENERATION, subclass 242, for the structure of inductances provided with regulating means (saturable core, variable inductance, etc.).
175—ELECTRICITY, GENERAL APPLICATIONS, subclass 356+, for the structure of inductances.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 82+, and the subclasses specified in the notes to the definition of those subclasses for miscellaneous reactor systems and for systems having an inductance for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 291, under "Search Class", cancel the reference to class 171, and add in numerical order:

171—ELECTRICITY, GENERATION, the subclasses listed under the title "Regulators" for the structure of variable inductances, variable transformers, and other regulating devices not otherwise classified. Subclass 97 and the indented subclasses for miscellaneous distribution systems which include regulators.
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 1–100, for miscellaneous systems for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 299, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 17, for systems for controlling the current and/or voltage magnitude in a single circuit having a discharge device and an impedance as the control means, subclass 57+, for systems for controlling the magnitude of the current and/or potential in a single circuit by means of a transformer having control means in its input and/or output circuit, subclass 74+, for systems for controlling the magnitude of the current and/or potential in a single circuit having plural impedances as the control means.

in subclass 306, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 81, for systems for controlling the magnitude of the current and/or voltage in a single circuit by means of an impedance connected in shunt with the circuit.

in subclass 307, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 19+, for automatically controlled systems for controlling the magnitude of the current and/or voltage in a single circuit by means of a discharge device; and subclass 64+, for systems for controlling the magnitude of the current and/or voltage in a single circuit by means of an automatically controlled impedance.

in subclass 308, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 20, for automatically controlled systems for controlling the magnitude of the current and/or potential in a single circuit by means of a discharge device which is responsive to plural conditions; and subclass 67+, for automatically controlled systems for controlling the magnitude of the current and/or voltage in a single circuit by means of an impedance which is controlled in response to a plurality of conditions.

in subclass 309, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 68+, for automatically controlled systems for controlling the magnitude of the current and/or voltage in a single circuit by means of an impedance which is responsive to a thermal condition.

in subclass 310, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 96+, for systems having a resistor which may be short circuited for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 311, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 64+, for systems having an automatically controlled impedance for controlling the magnitude of the current and/or voltage in a single circuit.

in subclass 326, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 16+, for systems having a discharge device for controlling the magnitude of the current and/or voltage in a single circuit. Some of the systems in subclass 16+ of class 323 are closely analogous to the systems in this subclass. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 330, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 28, for systems having a discharge device with an auxiliary starting electrode for controlling the magnitude of the current and/or voltage in a single circuit. Some of the systems in subclass 28 of class 323 are closely analogous to the systems in this subclass. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 335, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 28, for systems having a discharge device with an auxiliary starting electrode for controlling the magnitude of the current and/or voltage in a single circuit. Some of the systems in subclass 28 of class 323 are closely analogous to the systems in this subclass. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 341, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 26+, for systems having a discharge device with a plurality of discharge control devices for controlling the magnitude of the current and/or voltage in a single circuit. Some of the systems in subclass 26+ of class 323 are closely analogous to the systems in this subclass. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 344, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 29, for systems having an electromagnetically controlled discharge device for controlling the magnitude of the current and/or voltage in a single circuit. Some of the systems in subclass 29 of class 323 are closely analogous to the systems in this subclass. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 349, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 30+ and the subclasses specified in the notes to the definitions of those subclasses for systems having a discharge control discharge device for controlling the magnitude of the current and/or voltage in a single circuit. Some of the systems in subclass 30+ of class 323 are closely analogous to the systems in this subclass. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 350, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 31+, for miscellaneous systems having a discharge control discharge device which has its discharge control device circuit supplied with a plurality of different currents and/or potentials for controlling the magnitude of the current and/or voltage in a single circuit. Some of the systems in subclass 31+ of class 323 are closely analogous to the systems in this subclass. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 351, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 32, for miscellaneous systems having a discharge control discharge device which has its discharge control device circuit supplied with a plurality of alternating currents and/or potentials for controlling the magnitude of the current and/or potential in a single circuit. Some of the systems in subclass 32 of class 323 are closely analogous to the systems in this subclass. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 352, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 38 and the subclasses specified in the notes to the definition of that subclass, for miscellaneous systems having a discharge control discharge device which has a discharge device in the control circuit for controlling the magnitude of the current and/or voltage in a single circuit. Some of the systems in subclass 38 of class 323 are closely analogous to the systems in this subclass. See section VII B of the class definition of class 323 for the line between class 315 and class 323.

in subclass 353, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 93, for miscellaneous condenser systems.

in subclass 354, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 44+, for miscellaneous transformer systems.

in subclass 355, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 93, for miscellaneous condenser systems.

in subclass 356, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 76+, for miscellaneous impedance systems having a reactor and condenser therein.

318, Electricity, Motive Power Systems

In the class definition, Section I, subsection C, cancel only:

"C. Motor Recited by Name Only"

and substitute:

C. 1. Generic Motor System With Disclosed But Not Claimed Electric Motor.

Motor systems where the disclosure states that any one of a plurality of motors may be used in the system, one of which is an electric motor and another is a non-electric motor, and there is no claim limiting the system to having a non-electric motor, are classified in class 318.

Where the system includes two or more motors, see section I, G below.

2. Motor Recited by Name Only.

and under "Search Class", in the reference to class 171, cancel the reference to subclass 229.

and in the reference to class 172, cancel the reference to subclass 246 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 55, for electric motor systems for controlling transformer tap changing; subclass 63+, for electric motor systems controlled impedance systems; subclasses indented under "Phase Control" for electric motor actuated and/or controlled phase control systems.

in subclass 14 under "Search Class", in the reference to class 74, change "Mechanical", first occurrence, to *Machine*.

in subclass 29, under "Search Class", in the reference to class 171, cancel "subclasses 229 and 242, for bridge networks and" and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 75, for bridge networks.

in subclass 45, under "Search this class, subclass", in the reference to 137 change "auxilliary" to *auxiliary*.

in subclasses 111 and 112, under "Search Class", in the reference to 315, cancel "Electricity,".

in subclass 136, under "Search Class", in the reference to 74, change "engined" to *engines*.

in subclass 142, (1) Note, cancel "of the operation".

in subclass 147, change "responsive" to *response*.

in subclass 165, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses 104, 107 and 117, for phase control systems including synchronous dynamo-electric machines.

in subclass 179, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 102+, for power factor responsive phase control systems.

in subclass 185, under "Search Class", in the reference to class 171, change "for gener" to *of general*.

in subclass 200, under "Search Class", cancel the reference to class 172 and substitute:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses indented under "Phase Control", for miscellaneous power factor control systems, particularly subclass 118, for power factor control by means of induction dynamo-electric machines.

in subclass 218, under "Search Class", cancel "; subclasses 238 . . . in general".

and add in numerical order:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses indented under "Phase Control", for phase control means in general.

in subclass 227, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 16+, for electric space discharge systems used for voltage magnitude control.

in subclass 228, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 63+, for impedance voltage magnitude controlled systems.

in subclass 237, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 16+, for electric space discharge devices voltage magnitude control systems.

in subclass 238, add:

Search Class—
323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 63+, for impedance voltage magnitude controlled systems.

in subclass 294, under "Search Class", cancel the reference to class 171 and substitute:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 75, for miscellaneous wheatstone bridge arrangements.

in subclass 307, under "Search Class", cancel the reference to class 171 and substitute:

322—ELECTRICITY, SINGLE GENERATOR SYSTEMS, subclass 19, for electric generator systems having "anti-hunting" means.

in subclass 384, under "Search this class, subclass", in the reference to 161, singularize "motors" and "flywheels".

in subclass 392, cancel "is", first occurrence.

in subclass 414, add:

Search Class—

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 44+, for transformer systems as variable voltage sources.

in subclass 416, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 16+, for space discharge device voltage magnitude controlled systems.

in subclass 417, add:

Search Class—

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 63+, for impedance voltage magnitude controlled systems.

in subclass 418, add:

Search Class—

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 74+, for plural impedance type impedance systems for voltage magnitude control.

in subclass 419, add:

Search Class—

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 82+, for reactor voltage control systems.

in subclass 420, add:

Search Class—

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 94+, for resistor systems for voltage magnitude control.

in subclass 421, add:

Search Class—

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 96+, for short circuited resistor impedance systems for voltage magnitude control.

in subclass 422, add:

Search Class—

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 97, for step by step type short circuited resistor impedance systems for voltage magnitude control.

in subclass 432, under "Search Class", cancel the reference to class 171 and substitute:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 1+, for constant current systems in general.

in subclass 434, add:

Search Class—

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 9, for current limition systems.

in subclass 438, under "Search Class", cancel the reference to class 172 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses indented under "Phase Control", for power factor control of general application.

in subclass 477, under "Search this class, subclass", cancel "means for", first occurrence.

in subclass 480, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 21, for photo-sensitive electric space discharge device voltage magnitude control systems.

in subclass 504, under "Search Class", cancel the reference to class 171, and substitute:

171—ELECTRICITY, GENERATION, subclass 123, for variable voltage rotary converters per se.

in the reference to class 322, change "Electricity, Generation Systems" to *Electricity, Single Generator Systems.*

and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses indented under "Voltage Magnitude Control", for variable voltage supply systems per se.

in subclass 505, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 16+, for electric space discharge device systems for voltage magnitude control.

in subclass 506, add:

Search Class—

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 23+, for electric space discharge device systems for voltage magnitude control involving plural space discharge devices.

in subclass 507, add:

Search Class—

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 30+, for electric space discharge device systems for voltage magnitude control having discharge controlled device (e. g., grid) control.

in subclass 508, under "Search Class", cancel the reference to class 171 and substitute:

171—ELECTRICITY, GENERATION, subclass 242, for the structure of variable reactors.

and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 63+, for circuit control in general by means of impedances.

in subclass 509, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 74+, for plural impedance networks per se.

in subclass 510, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 76+, for circuit impedance systems including both a reactor and a capacitor.

in subclass 511, under "Search Class", cancel the reference to class 171 and substitute:

171—ELECTRICITY, GENERATION, subclass 242, for the structure of inherently variable reactors per se.

and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 68+, for resistance networks and systems including temperature varied resistors (for example, having positive and negative temperature-resistance coefficients); and subclass 94+, for current varied resistors (for example, carbon-ceramic resistors having exponential current-resistance characteristics such as RI^n=a constant).

in subclass 512, under "Search Class", cancel the reference to class 171 and substitute:

171—ELECTRICITY, GENERATION, subclass 242, for variable reactor structure.

and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 82+, for impedance networks including reactors.

in subclass 513, under "Search Class", cancel the reference to Class 171 and substitute:

171—ELECTRICITY, GENERATION, subclass 242, for the structure of saturable reactors.

and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 89, for systems wherein saturable reactors are used for control purposes.

in subclass 514, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 94+, for control systems in general which include resistors as the controlling element.

in subclass 515, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 96+, for control systems in general which include short circuited resistors as the controlling element.

in subclass 516, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 97, for control systems in general which include resistors which are short circuited step by step as the controlling element.

in subclass 518, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 95, for control systems in general which include pressure variable resistors as the controlling element.

in subclass 532, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 16+, for electric space discharge device systems for voltage magnitude control.

in subclass 533, under "Search Class" cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 63+, for miscellaneous circuit control by means of impedances.

in subclass 534, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 74+, for miscellaneous load control by means of impedance devices including plural impedances.

in subclass 535, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 75, for Wheatstone bridge arrangements of impedances in general.

320, Electricity, Battery and Condenser Charging and Discharging

in the class definition, under "Searches in other classes", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, this is the generic place for voltage magnitude control systems.

in subclass 31, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 1+, for automatic current regulation systems; subclass 19+, for automatic electric space discharge device regulation systems; subclass 64+, for automatic impedance systems.

in subclass 32, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 1+, for automatic current regulation systems; subclass 22, for electric space discharge device voltage magnitude control systems responsive to an electrical condition; subclass 65+, for automatic impedance systems responsive to an electrical condition.

in subclass 39, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 1+, for current responsive current regulation systems, subclass 22, for current or voltage responsive space discharge device control systems, subclass 66, for current or voltage responsive impedance systems, subclass 102+, for voltage responsive phase control systems.

in subclass 51, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 63+, for voltage magnitude control systems involving impedance control.

in subclass 52, under "Search Class", cancel the reference to class 171, and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 95, for pressure variable resistance impedance systems.

in subclass 68, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 63+, for impedance voltage magnitude control systems in general.

in subclass 69, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 96+, for voltage magnitude control systems controlled by short circuiting a resistance.

in subclass 70, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 95, for impedance systems having a pressure variable resistor control.

322, Electricity, Single Generator Systems

in the class definition, under section I, D, 3, a, "Generator with Transformer or Inductance Only in the Load Circuit", cancel second paragraph beginning with "Likewise" and substitute:

Likewise systems having a significant structure of an inductance or inductance circuit are classified according to the type of system formed by the inductance. A recitation that the inductance is variable is a recitation of significant inductance structure. For the systems which provide for systems having transformers and/or inductances therein, see class 323 referred to under "Search Class" below.

under section I, D, 3, b, "Generator with Condenser Only in Load Circuit," cancel sections (b) and (c) and substitute:

(b) where the condenser is provided solely to control the characteristics of the load circuit (power factor control regulators) such a system being classified in class 323 listed under "Search Class" below.

(c) or where the condenser is defined by significant condenser structure, such a system being classified in class 323, ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 128.

under "Search Class", in the section headed "In class 171, search subclass", cancel the reference to 119+ and substitute:

119+—for the structure of variable transformers or variable reactors.

and cancel the reference to subclass 312, and substitute:

312—for miscellaneous direct current systems in class 171.

in the reference to class 240, change "7,6" to 7.6 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, for miscellaneous voltage magnitude controlled systems and miscellaneous phase controlled systems.

in subclass 17, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 19+, for automatic control of electric space discharge voltage magnitude controlled systems; subclass 64+, for automatic control of impedance voltage magnitude controlled systems; and subclass 101+, for automatic control of phase controlled systems.

in subclass 20, under "Search Class", cancel the reference to class 172 and substitute:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses indented under "Phase Control" for power factor and phase control systems.

in subclass 22, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 20, for automatic control of electric discharge voltage magnitude control systems in response to plural conditions; subclasses 65, 66 and 67, for automatic control of impedance systems in response to plural conditions.

in subclass 23, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 20, for space discharge device control systems responsive to plural conditions including an electrical condition; and subclasses 65, 66 and 67, for automatic impedance control systems responsive to plural conditions including an electrical condition.

in subclass 24, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 20, for automatic electric discharge device systems responsive to plural electrical conditions; and subclasses 65 and 66, for impedance systems responsive to plural electrical conditions.

in subclass 25, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 20, for automatic space discharge device systems automatic in response to voltage and current; and subclass 66, for automatic impedance systems responsive to voltage and current.

in subclass 26, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 21, for light responsive electric space discharge device voltage magnitude control systems.

in subclass 27, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 1+, for constant current systems.

in subclass 28, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclasses indented under "Voltage Magnitude Control", for constant voltage systems.

in subclass 33, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 68+, for thermal responsive impedance systems in general.

in subclass 57, add:

Search Class—

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 89, for saturable reactors.

in subclass 72, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 16+, for space discharge device regulating systems.

in subclass 73, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 80+, for space discharge regulating systems wherein the space discharge device is provided with a discharge control element.

in subclass 74, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 16, for space discharge device regulating systems of the electric arc type.

in subclass 75, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 63+, for impedance systems in general.

in subclass 76, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 74+, for impedance systems involving plural impedances.

in subclass 77, under "Search Class", cancel the reference to class 171 and substitute:

171—ELECTRICITY, GENERATION, subclass 95, for measuring bridge networks.

and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 75, for bridge networks.

in subclass 78, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 76+, for tuned or resonant circuits.

in subclass 79, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 94, for circuits using rectifiers as impedance elements.

in subclass 80, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 94+, for miscellaneous resistance systems.

in subclass 81, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 68+, for thermally varied resistance systems.

in subclass 82, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 95, for resistance systems including pressure varied resistors.

in subclass 83, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 96+, for resistance systems including short circuited resistors.

in subclass 85, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 97, for resistance systems wherein a resistor is short circuited step by step.

in subclass 96, under "Search Class", cancel the reference to class 171 and add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 74+, for impedance systems including a plurality of impedances.

in subclass 97, under "Search Class", add:

323—ELECTRICITY, VOLTAGE MAGNITUDE AND PHASE CONTROL SYSTEMS, subclass 94+, for resistance systems.

MARK TAYLOR,
Acting Executive Primary Examiner.

REGISTER OF PATENTS AVAILABLE FOR LICENSING OR SALE

(The "Groups" appearing after the patent abstracts are based on the Standard Industrial Classification Manual, Vol. I, Manufacturing Industries, Executive Office of the President, Bureau of the Budget)

International Harvester Company, in accordance with its usual policy, is now placing on the Register, as available for license on reasonable terms, 45 patents, in addition to the 1,240 patents listed on the Register in former months. Persons interested in licenses for any of these patents should communicate with the Patent Department, International Harvester Company, 180 North Michigan Ave., Chicago 1, Ill.

Pat. 2,287,407. FUEL PUMP. Patented June 23, 1942. Relates to improvements in a Diesel engine fuel injection pump. Group 35—12—61. Reg. No. 9,387.

Pat. 2,287,478. FUEL PUMP FOR ENGINES. Patented June 23, 1942. Relates to fuel injection pumps for internal combustion engines of the Diesel type, particularly a fuel pump in which a single injection plunger is utilized for injecting the fuel to a plurality of cylinders. Group 35—12—61. Reg. No. 9,388.

Pat. 2,290,222. METHOD OF MAKING COTTON PICKER SPINDLES. Patented July 21, 1942. A method of making a cotton picker spindle having an improved barb or tooth formation which has the desired aggressive features and which can be doffed readily and completely. Group 35—22. Reg. No. 9,389.

Pat. 2,292,945. APPARATUS FOR MAKING PICKER SPINDLES. Patented Aug. 11, 1942. A machine for forming barbs or teeth on picker spindles in which the picking teeth are arranged on the spindle in a manner providing efficient picking and doffing characteristics. Group 35—22. Reg. No. 9,390.

Pat. 2,292,958. HARVESTER THRESHER. Patented Aug. 11, 1942. Relates to a harvester thresher of the self-propelled type in which a motor is provided to drive the various parts of the harvester thresher and to propel the machine over the ground. Also consists of a framework for the machine so constructed as to support the separator, platform, grain tank, and motor of the harvester. Group 35—22. Reg. No. 9,391.

Pat. 2,414,600. BEARING SEAL. Patented Jan. 21, 1947. A bearing seal for track rollers of crawler tractors having bearing elements with opposed complemental bearing and sealing faces, combined with a universally articulate mounting of impervious elastic material for at least one of the bearing elements to support the same in floating relation to the other elements of the seal as well as to the parts between which the seal is installed. Group 35—21—66. Reg. No. 9,392.

Pat. 2,414,602. AUXILIARY ELECTRIC POWER APPARATUS FOR TRACTORS. Patented Jan. 21, 1947. Relates to an inexpensive electrically energized auxiliary power device for adjusting tools associated with a tractor. Electrically energizing the device from a storage battery on the tractor makes it possible for operation irrespective of whether the tractor engine is running. Groups 35—21—22; 36—41. Reg. No. 9,393.

Pat. 2,416,153. AIR CIRCULATION SYSTEM FOR REFRIGERATING APPARATUS. Patented Feb. 18, 1947. Relates to a simple unitary fan structure which simultaneously cools the engine and the condenser of a refrigerating apparatus. Group 35—84. Reg. No. 9,394.

Pat. 2,416,189. PLANTER RUNNER. Patented Feb. 18, 1947. A seed planter having a furrow opener, a coverer, and a flexibly mounted runner permitting the runner to ride over obstructions independently of the furrow opener and the coverer. Group 35—22. Reg. No. 9,395.

Pat. 2,416,194. TRACTOR PLOW AND HITCH. Patented Feb. 18, 1947. A tractor-attached agricultural implement such as a laterally swingable disk plow having a steerable rear wheel and a unitary hitch for attachment to the tractor, plus means for steering the rear wheel from the tractor steering mechanism and means on the hitch for stabilizing the steering means. Group 35—21—22. Reg. No. 9,396.

Pat. 2,416,207. SHIFTING HITCH FOR TRACTOR PROPELLED AGRICULTURAL IMPLEMENT. Patented Feb. 18, 1947. Relates to a direct-connected two-way plow particularly used for hillside plowing and having a shifting hitch operable at will by the tractor operator from his seat on the tractor. Group 35—21—22. Reg. No. 9,397.

Pat. 2,416,224. MANURE SPREADER. Patented Feb. 18, 1947. Relates to a liquid-tight tiltable manure spreader in which liquid portions of manure will congregate in the downwardly tilted end of the spreader box when loading, and means provided for tilting the box to a level, unloading position. Thus the spreader box is adapted for handling both liquid and solid manure. Group 35—22. Reg. No. 9,398.

Pat. 2,416,564. GUIDE FOR TRACK SHOES OR LINKS. Patented Feb. 25, 1947. Relates to track links for crawler tractors and specifically to a guide that can be easily detached from the link and replaced with less effort and expense than if the entire link and guide assembly were replaced as in the integrally formed track guide studs on the links. Group 35—21—22. Reg. No. 9,399.

Pat. 2,417,905. PEANUT HARVESTER. Patented Mar. 25, 1947. A tractor-mounted machine for harvesting peanuts wherein means is provided for loosening the plant from the soil, detaching the plant bodily, shaking it to remove adhering dirt, and depositing the detached plants in windrows. Group 35—22. Reg. No. 9,400.

Pat. 2,417,915. FUEL PUMP WITH AUTOMATIC TIMER. Patented Mar. 25, 1947. Relates to injection pumps operable to initiate injection at a time determined by the axial position of the pump cylinder, and particularly to apparatus for accommodating and incurring axial adjustment of the cylinder to regulate injection timing useful in Diesel engines. Group 35—12—61. Reg. No. 9,401.

Pat. 2,417,931. TRACTOR MOUNTED PLANTER. Patented Mar. 25, 1947. A tractor-mounted planter including a soil-working device and a material dispenser, plus means controlled by the steering of the tractor for causing the dispenser to follow in the path made by the soil-working device when planting in curving terrain. Group 35—22. Reg. No. 9,402.

Pat. 2,417,952. TIRE CARRIER. Patented Mar. 25, 1947. Pivoting a tire carrier beneath the frame of a vehicle in such a manner as to permit insertion of the tire and wheel unit into the carrier under the bumper and at the same time to support the weight of the carrier and the tire and

wheel in such a manner as to enable the operator to swing it upwardly into a position where it may be locked and where it is arranged with sufficient clearance for operation of the vehicle. Group 38—11—22. Reg. No. 9,403.

Pat. 2,419,881. SEA WATER FRACTIONATOR. Patented Apr. 29, 1947. Relates to an apparatus for the preparation of potable water through a freezing procedure. The principal feature relates to means for the preparation of drinking water from sea water by freezing out the water and subsequently melting the ice free of salt. Groups 35—84; 37—32. Reg. No. 9,404.

Pat. 2,419,898. SHELLED CORN SAVER FOR HUSKING DEVICES. Patented Apr. 29, 1947. Relates to a mechanism to thoroughly shake and agitate the husks and trash passing through the husking rolls to remove the shelled corn therefrom. Group 35—22. Reg. No. 9,405.

Pat. 2,419,908. SELECTIVE VALVE MECHANISM FOR HYDRAULIC MOTORS. Patented Apr. 29, 1947. Relates to a valve mechanism for controlling the admission and exhaust of fluid to and from fluid-energizable motors to enable an operator to expediently select and control the starting and stopping of such motors. Particularly useful in hydraulic lifts for raising and lowering of tractor-mounted agricultural implements. Groups 35—21—22—61. Reg. No. 9,406.

Pat. 2,420,530. COMBINED IMPLEMENT STABILIZING AND LIFTING STRUCTURE. Patented May 13, 1947. Relates to a novel frame for attachment of implements to a tractor, wherein a combined stabilizing and lifting structure is provided for the quick-attachment of a variety of implements. Group 35—21—22—61. Reg. No. 9,407.

Pat. 2,420,543. DUAL CORN HUSKING UNIT FOR MULTIPLE ROW CORN PICKERS. Patented May 13, 1947. Relates to a husking device adapted for receiving snapped ears of corn discharged from two gathering units at the rear of and above the rear axle of a tractor; also to a husking device having horizontal rolls with forwarding means delivering from the end to the center thereof, and a husk eliminating and shelled-grain saving device below the husking rolls. Group 35—22. Reg. No. 9,408.

Pat. 2,420,551. GAUGE WHEEL AND COULTER ASSEMBLY. Patented May 13, 1947. A combined coulter and gauge wheel unit for agricultural machines comprising a coulter and laterally spaced wheels, one on each side of the coulter and smaller in diameter than the coulter, whereby the higher rotary speed of the wheels keeps the soil from sticking either to the wheels or to the coulter. Group 35—22. Reg. No. 9,409.

Pat. 2,420,555. QUADRANT LEVER CONTROL. Patented May 13, 1947. A lever-locking device having meshed companion gears concurrently meshable with the gear teeth of a rack along which the device is adjustable, and tiltable for disrupting the driving connection between either of the gears and the rack teeth for unlocking the device from the rack pursuant to the application of an adjusting force to the device lengthwise of the rack. Group 35—22—66. Reg. No. 9,410.

Pat. 2,421,795. ARMATURE BRUSH. Patented June 10, 1947. Relates to electrical conductor brushes used in conjunction with slip rings or commutators upon the rotatable armature of dynamo-electric machines, the brush having a novel shaped armature contacting surface adapted to retain its uniformity of contact with the armature. Group 36—19. Reg. No. 9,411.

Pat. 2,421,819. DEVICE FOR REGULATING THE THICKNESS OF ICE FORMATIONS ON EVAPORATOR COILS. Patented June 10, 1947. Relates to a device for regulating the thickness of an ice bank to be formed on the coils of a refrigerator. Group 35—84. Reg. No. 9,412.

Pat. 2,424,155. PLOW. Patented July 15, 1947. A plow having replaceable parts designed to lengthen the life of the plow, the point of the share being adapted to wear sharp by usage and thus reduce the cost of resharpening. Group 35—22. Reg. No. 9,413.

Pat. 2,424,168. MATERIAL DISPENSING DEVICE HAVING A ROLLER WITH DISCHARGE CONTROLLER. Patented July 15, 1947. A fertilizer measuring and distributing mechanism provided with means for readily and accurately adjusting the amount of material discharged. Group 35—22. Reg. No. 9,414.

Pat. 2,424,171. STONE EJECTOR FOR FIELD HAY CHOPPERS. Patented July 15, 1947. Relates to field hay choppers having means for automatically ejecting stones, roots, and other foreign objects from the hay or cereal prior to the time it enters the cutting or treating chamber, thereby to save the chopper mechanism from damage. Group 35—22. Reg. No. 9,415.

Pat. 2,424,181. CORN SNAPPING AND HUSKING DEVICE. Patented July 15, 1947. A snapping and husking device for a corn harvester having means for recovering grain from stalk and husks passing through the snapping means, and conveying loose husks along with husks from a husking means over the grain receiving means. Group 35—22. Reg. No. 9,416.

Pat. 2,424,185. AGRICULTURAL IMPLEMENT. Patented July 15, 1947. A disk plow having means for connecting the disk standard to the frame and for changing the angle of the plow disks. Group 35—22. Reg. No. 9,417.

Pat. 2,427,862. FILTER ELEMENT. Patented Sept. 23, 1947. Relates to an oil filter unit having a filtering envelope with a drainage and sealing structure which is cooperable with the envelope when the latter is rolled spirally into a substantially cylindrical formation and thus contracted into a readily enclosable space. Group 38—31. Reg. No. 9,418.

Pat. 2,427,871. FLUID PRESSURE SERVOMOTOR WITH FOLLOW-UP DEVICE. Patented Sept. 23, 1947. Relates to a fluid power arrangement for tractor-mounted implements which is so sensitive to a manual control element that the movement of the working tool for the purpose of adjusting the same in its working position is substantially instantaneous in its operation even though fluid power means is used in doing the actual work in adjusting the working tool. Group 35—21—22. Reg. No. 9,419.

Pat. 2,427,876. CONVEYOR MECHANISM FOR HARVESTER THRESHER. Patented Sept. 23, 1947. A feeding device for transporting cut grain from the harvester to the thresher consisting of a longitudinal conveyor having a substantial vertical forward end which maintains a constant relationship with the transverse harvester platform conveyor regardless of the amount of cut grain being transported to the thresher unit. Group 35—22. Reg. No. 9,420.

Pat. 2,427,880. IMPLEMENT DRIVE LOCK DEVICE. Patented Sept. 23, 1947. A locking device for a manure spreader drive which is capable of maintaining a drive chain in engaged driving position and which is capable of maintaining the drive chain in non-driving position, all by means of a single lock which is operable by a single pull cord. Group 35—22. Reg. No. 9,421.

Pat. 2,430,696. POWER LIFT DEVICE FOR TRACTORS. Patented Nov. 11, 1947. Relates to a power lift device for tractor-attached implements having connections both for lifting an implement relative to a tractor and for adjusting means on the implement, all said connection being automatically releasable upon fore and aft movement of the tractor relative to the implement. Group 35—21—22. Reg. No. 9,422.

Pat. 2,430,713. OIL FILTER. Patented Nov. 11, 1947. A filter constructed of porous fibrous sheet material in a desirable economical form for filtering lubricating oil in internal combustion engines. Groups 26—25; 38—31. Reg. No. 9,423.

Pat. 2,430,728. LATCH-TYPE CONNECTING DEVICE. Patented Nov. 11, 1947. Relates to a latch type of connecting device which may be manipulated from a single side for either attaching or detaching while causing release of the latch. Group 35—21—22. Reg. No. 9,424.

Pat. 2,430,731. AGRICULTURAL IMPLEMENT. Patented Nov. 11, 1947. A disk plow having land and furrow wheels and lift means actuated by one wheel and means for transmitting lifting power therefrom at a different rate to the other wheels. Group 35—22. Reg. No. 9,425.

Pat. 2,430,732. IMPLEMENT MOUNT FOR TRACTORS. Patented Nov. 11, 1947. Relates to tractor-mounted implements having an attaching structure permitting lateral swinging movement of the implement, and pressure means for urging the implement back to its normal operating position. Group 35—21—22. Reg. No. 9,426.

Pat. 2,430,734. RAKING AND LOAD LIFTING REEL. Patented Nov. 11, 1947. A pick-up baler having a packing and feed assisting structure which is resiliently urged downwardly against the material so as to handle different crops and crops of different volume. Group 35—21—22. Reg. No. 9,427.

Pat. 2,430,741. DRIVE MECHANISM FOR PLANTERS. Patented Nov. 21, 1947. A planter drive having a gear housing which is readily attachable to and removable from a tractor, and a combined planetary gear and clutch assembly within said housing for transmitting power from a tractor brake shaft to a planter drive mechanism or the like. Group 35—21—22. Reg. No. 9,428.

Pat. 2,433,075. METHODS OF FIRING FURNACES OR SOAKING PITS. Patented Dec. 23, 1947. Relates to an improved method for firing a furnace for soaking ingots in steel manufacture. Group 33—11—12. Reg. No. 9,429.

Pat. 2,433,147. AGRICULTURAL IMPLEMENT. Patented Dec. 23, 1947. Relates to a hitch device for two-way plows and associated with forwardly projecting ends of the plow beam, the hitch device being swingable laterally and movable vertically with respect to the plow beams. Group 35—22. Reg. No. 9,430.

Pat. 2,433,148. PLOWS. Patented Dec. 23, 1947. Relates to a rear furrow wheel for plows that will hold the wheel so that it will not caster on forward or rearward movement of the plow when in operating position, but which mounting will permit the wheel to caster on forward movement of the plow when in transport position and at the same time will inhibit castering upon rearward movement thereof. Group 35—22. Reg. No. 9,431.

Pat. 2,433,245. KEY CARRIER. Patented Dec. 23, 1947. A key carrier consisting of a continuously linked chain divided by cross connections into two or more loops for segregating keys. Modifications show various types of cross connections. Cross piece may be permanently integrated with chain, requiring a fastener in each loop, or may be annular or in form of a figure 8, constricting the continuous chain within it and requiring only one fastener. (Owner) Patents Promotions Corporation. Address correspondence to Stanton and Stanton, 188 W. Randolph St., Chicago 1, Ill. Groups 33—59; 40. Reg. No. 9,432.

Pat. 2,419,501. DEBRIS ACCUMULATING AND SEPARATING TRAP FOR DRAIN PIPES. Patented Apr. 22, 1947. A debris-accumulating trap suitable for mounting in drain pipes and downspouts. A sheet metal box having a slanting bottom is fitted between sections of the downspout by two neck-like nipples, one provided with staggered inclined baffles and the other provided with a filter. A slanting screen in the box diverts leaves and other debris into an accumulating compartment of the box. This compartment has a hinged cover so that the debris may be removed and the screen cleaned. A modification is shown wherein a removable wire basket is provided for screening and collecting the debris. (Owner) Armie A. Pinto, 540 West Savannah, Detroit 3, Mich. Groups 33—61; 35—69. Reg. No. 9,433.

Pat. 2,330,736. CLAMP. Patented Sept. 28, 1943. Clamp for wire, cable, etc., is especially adapted for use in conjunction with wire pullers. The clamp includes a rectangular metal plate (of reduced width at its forward end) having a ledge formation which constitutes an elongated fixed jaw. The rear end of an elongated movable jaw is pivotally connected to the lower end of a link, and the front end of the jaw is pivotally connected to the lower end of a rocking bellcrank. Link and crank are connected to the plate by fulcrum pins. The upper end of the crank is pivotally connected to the rear end of a forwardly extending curved rod which extends through a closed slot in a lateral formation on the reduced end of the plate. When pull is exerted on the rod, the bellcrank forces the movable jaw downwardly and rearwardly into clamping position. The greater the pull on the rod, the greater the clamping action. (Owner) Lewis T. Paulson, % Paulson's Garage, Blue River, Wis. Groups 33—73; 35—69. Reg. No. 9,434.

Pat. 2,377,656. DECORATIVE HANDBAG MATERIAL. Patented June 5, 1945. Strands of cotton or yarn are woven to provide a series of adjacent spaces of identical shape between plies of strands for the reception of correspondingly shaped rigid ornamental chips to add rigidity thereto. The chips are of a size to completely fill the recesses, being securely held therein after insertion by woven strands which pass over the outer surfaces of the chips and through openings in the chips. Plies of strands are then built up around the edges of the chips to a height above their outer surface to afford protection against marring of the chips when bag is in use. The spaces between the plies may be hexagonal or any other desired shape with correspondingly shaped chips, which may be made of plastic, glass, or any other suitable material. (Owner) John Wimberly Thomas, 204 South Weldon St., Gastonia, N. C. Group 31—71. Reg. No. 9,435.

Pat. 2,433,307. ADJUSTABLE HAND WEAVING FRAME. Patented Dec. 23, 1947. A frame suitable for hand-weaving the handbag material described in Patent 2,377,656. Frame is made up of several sections detachably connected by pins in the ends of some sections engaging openings in the ends of adjacent sections. The sections may be readily disconnected and rearranged to form numerous shapes and various sizes of frames to vary the pattern. Removable spaced vertical pins rising from the upper surfaces of the sections are provided for winding of yarn or thread thereon in the formation of fancy designs. (Owner) John Wimberly Thomas, 204 South Weldon St., Gastonia, N. C. Groups 31—71; 35—52. Reg. No. 9,436.

Pat. 2,431,399. BACK WATER TRAP FOR DRAINS. Patented Nov. 25, 1947. Trap seals off basement drain in case of a rise of water from a sewer. The trap is a casing equipped with an inlet and outlet connection and having a vertically movable gate valve which, when lowered, closes off the inlet connection. A bucket, normally filled with water, pivotally connected to a lever associated with the gate valve, acts as a counterbalance and raises the valve to open position. Loss of water content, when bucket is tipped by a rise of water, closes the valve. A knife edge at the lower end of the valve clears the valve seat to produce effective sealing. When installed in a basement, the casing is flush with the floor. (Owner) George A. Hull, 15701 Lauder Ave., Detroit 27, Mich. Group 33—61—73. Reg. No. 9,437.

Pat. 2,430,107. TRUNDLE TRUCK. Patented Nov. 4, 1947. Two-wheeled hand truck for moving quarters of beef. The truck frame is provided with a pair of upwardly and forwardly extending rockers on the front end

and an adjustable removable shelf. The rear edge of the shelf may be slipped into any pair of selected slots in the top surfaces of a pair of bars disposed longitudinally between side bars of the truck frame. The cross bar of a rearwardly extending yoke which is pivoted to the shelf may be slipped into any pair of undercut notches in the side bars. Truck may be wheeled beneath a suspended side of beef and held in vertical slanting position by extending a foldable U-brace. After adjustment of the shelf, the truck is rocked forwardly and upwardly to cause the shelf to lift the beef to permit detachment from the hook. (Owner) Paul Cronrath, 310 South Pine, Spokane, Wash. Group 35—63—69. Reg. No. 9,438.

Pat. 2,433,273. COVER SECURING MEANS FOR INFANTS. Patented Dec. 23, 1947. This device is used in combination with an infant's sleeping garment to hold covers in place while infant is sleeping. The device consists of a pair of fabric straps of equal length provided at one end with an elastic portion and clip. In use, the straps are buttoned to the front of the waist band of the sleeping garment, passed over the shoulders of the infant, and the opposite ends clipped to the blanket covering. A cross piece is buttoned to the straps a short distance from their ends to prevent the straps from passing over the head of the infant. The device is designed to permit changes of position under the covers. (Owner) Daniel Halperin, % Stephen J. Cox, 11 Park Place, New York 7, N. Y. Groups 23—84; 40. Reg. No. 9,439.

The following four patents, all dealing with the general subject of wine purification, are owned by W. D. Ramage, 2314 Marin Ave., Berkeley 8, Calif. Groups 20—84; 28—89.

Pat. 2,105,700. PROCESS FOR PURIFICATION OF BEVERAGES. Patented Jan. 18, 1938. This patent deals with the application of an insoluble ferrocyanide as an adsorbing and base exchange agent for removal of heavy metals from wine. Reg. No. 9,440.

Pat. 2,105,701. PROCESS FOR PURIFICATION OF BEVERAGES. Patented Jan. 18, 1938. Deals with the application of an acid resistant zeolite or other acid resistant base exchange materials in the removal of heavy metals from wine or other alcoholic beverages. Reg. No. 9,441.

Pat. 2,128,432. PROCESS FOR CLARIFICATION AND REMOVAL OF IRON FROM BEVERAGES. Patented Aug. 30, 1938. Deals with the application of alkali treated alpha-cellulose as an adsorbing agent for the removal of colloidal impurities. Reg. No. 9,442.

Pat. 2,258,216. PROCESS FOR REMOVAL OF METALLIC IMPURITIES FROM WINES AND OTHER ACID BEVERAGES. Patented Oct. 7, 1941. Deals with special procedures for improving the effectiveness of base exchange materials, especially acid resistant base exchange materials, in the removal of heavy metals from alcoholic beverages. Reg. No. 9,443.

Pat. 2,413,485. RECIPROCATING-SAW MACHINE. Patented Dec. 31, 1946. Groups 24—11—21; 35—41—66. Reg. No. 9,443.

Pat. 2,431,107. SAFETY RELEASE CLUTCH. Patented Nov. 18, 1947. Groups 24—11—21; 35—41—66. Reg. No. 9,444.

These two patents show a reciprocating saw machine and a safety clutch therefor which will automatically disconnect saw drive shaft when reciprocation of saw is unduly resisted. Machine may be mounted on front end of tractor and driven thereby to fell and cut trees into desired lengths. The saw may be readily positioned for vertical, horizontal, or angular cutting. The machine, devoid of a crosshead and guide rods for saw, imparts longitudinal rocking motion to saw while reciprocating it. A hollow driving pulley forms the drum of the safety clutch, which includes a disc (carrying brake shoes) yieldingly connected by springs to radiating arms of a spider, the hub of which is splined to saw drive shaft. A cone-shaped sleeve (notched to straddle spider arms) is slidable on hub of spider. Friction rollers on the ends of shoe actuating levers bear against opposite sides of cone. When cone is slid toward disc, levers are actuated and shoes applied. Overload causes relative turning movement between disc and spider so that a cam arrangement on disc and cone will move cone away from disc. This shifts the tapered end of cone into plane of the rollers permitting swinging movement of the levers to disengage shoes. The clutch is well adapted for other types of mechanisms. (Owner) Rush G. Brown, Riverton, Wyo.

Pat. 2,180,795. PACKING. Patented Nov. 21, 1939. An "O" packing ring construction effects a seal between two relatively movable members, one of which is provided with a groove into which the packing ring is inserted. The ring and groove are so dimensioned that when the ring is in operative position, it is compressed into somewhat ellipsoidal cross-section. The groove has a width slightly greater than the axial dimension of the compressed ring so that the ring will be kneaded during movement of one member with respect to the other. License terms are on file with the Register. (Owner) Niels A. Christensen, 1719 Sheridan Road, South Euclid, Ohio. Groups 30—31; 32—93. Reg. No. 9,445.

BULLETIN OF DECISIONS OF PATENT OFFICE ON TRADE-MARKS

RENDERED DURING FEBRUARY, 1948

VITA-VAR CORPORATION *v.* THE WHITE COMPANY, Opposition No. 22,731.

In a decision rendered February 3, 1948 (169 Ms. Dec. 604, 76 USPQ 267), *Assistant Commissioner Murphy* reversed the action of the Examiner of Interferences, who had dismissed the opposition of Vita-Var Corporation of Newark, N. J., against registration to The White Company, of Baltimore, Md., of the mark "HYDROLITE" for casein wall paint, opposer being the owner of registration No. 160,195 covering the mark "HYDROLITE" distinctly printed upon a design which registration was properly renewed in 1942 for waterproofing compound for concrete, plaster and stucco.

After noting that the substantial identity of the two marks and opposer's priority are not an issue in this case, it was held that the only question now to be decided is whether the opposer's waterproofing compound and applicant's wall paint are goods of the same descriptive properties or are so closely related as to be likely to cause confusion in trade to the damage of the opposer.

It was held that an admission by the present applicant in an earlier cancellation proceeding brought by the applicant against the present opposer cannot result in an estoppel on the part of the present opposer to argue that a wall paint and its own waterproofing compound should be held to be of the same descriptive properties.

It was held that the Examiner of Interferences applied too narrow a test in determining the issue of same descriptive properties in the present case, for even though opposer's compound and applicant's paints may be traded through different channels of trade and may be specifically different in their properties, it still remains true that they are closely related, and a nationally known paint manufacturer who has been using a well established trade-mark not on paint but on a product as closely related as a water-proofing compound in powder form should be held entitled to protection and registration of the word for all articles coming within this general class even though one material may, for the purposes of Patent Office classification, be classified as construction material, while the other falls within the category of paints or paint materials.

It was held that this is not a case which may call for application of section 19 of the new Trade-Mark Act of 1946 which makes equitable principles of laches, acquiescence and estoppel applicable even in pending appeals, for, contrary to applicant's contention, there are no elements of laches or estoppel present in this record which might have justified further consideration or remanding of the case to the Examiner; on the contrary, the present opposer immediately objected to applicant's use of the mark on paint and the ensuing cancellation proceeding was terminated in opposer's favor, so that it follows that for at least ten years applicant has been chargeable with notice that its use of the mark "HYDROLITE" was considered by opposer as an encroachment on its rights.

VITA-VAR CORPORATION *v.* ALUMATONE CORPORATION, Opposition No. 23,987.

In a decision rendered February 3, 1948 (169 Ms. Dec. 607, 76 USPQ 266), *Assistant Commissioner Murphy* affirmed the action of the Examiner of Interferences sustaining the opposition of Vita-Var Corporation, of Newark, N. J., based upon its ownership of trade-mark registration No. 252,109 showing the notation "ALUMIKOTE" for use upon ready mixed aluminum paint as against the attempted registration by Alumatone Corporation, of Los Angeles, Calif., of the word "ALUMATONE" for a ready mixed aluminum paint and similar products.

It was held that the Examiner was right in ruling that the difference in the manner of use of the two marks and their application to the two products, and more particularly the fact that applicant's product is sold in a single container ready for use while opposer's product is sold in separate containers requiring mixing by the consumer himself, are not sufficient to characterize the goods of the parties as having different descriptive properties, for they are clearly competitive in nature.

It was further held that the Examiner was correct in his ruling that these two terms are confusingly similar for, although the syllables "alumi" and "aluma" have little, if any, trade-mark significance in connection with an aluminum paint product, agreement cannot be expressed with applicant's contention that the syllable "kote" as compared with "tone" is sufficiently dissimilar to prevent confusion; on the contrary, the two word combinations here involved fall within the statutory ban of section 5 of the act of 1905.

AMERICAN SAFETY RAZOR CORPORATION *v.* PAL BLADE COMPANY (PAL BLADE CO., INC., ASSIGNEE, SUBSTITUTED), Opposition No. 24,509.

In a decision rendered February 5, 1948 (169 Ms. Dec. 615, 76 USPQ 272), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Interferences dismissing the opposition of American Safety Razor Corporation, of Brooklyn, N. Y., to the application of Pal Blade Company (Pal Blade

Co., Inc., Assignee, Substituted) of New York, N. Y., for registration under the act of February 20, 1905, of a trade-mark for safety razor blades, the mark consisting of the word "PAL," displayed within a circular design, the lower portion of the circular design being crossed by a narrow rectangular panel which extends beyond the edges of the circular design, and upon which appear the words "HOLLOW GROUND," which words were disclaimed in the application as filed. Opposer based its opposition on the descriptiveness clause of section 5 of the act of 1905, its objections being directed solely to the disclaimed words "HOLLOW GROUND."

In response to opposer's contention that the words "HOLLOW GROUND" constitute the dominant feature of the mark sought to be registered and that under the circumstances of the case opposer's good will as a manufacturer of hollow-ground blades will be diminished and its sales affected adversely through confusion of purchasers if the mark is registered, it was held that the descriptive words are closely associated with and subordinate to applicant's arbitrary mark "PAL," and examination of the mark as used indicates that its connotation would necessarily be that the package contains applicant's "PAL" blades which are hollow ground, so that the Examiner of Interferences was right in ruling that opposer has shown no basis for believing that it could be damaged by the registration of applicant's mark; refusal of registration would not in any event prevent continued use of the mark by applicant.

In response to opposer's reference to a temporary use of an improper patent notice on applicant's blades as indicating the probability of confusion, it was held that while use of an improper notice of registration is ground for refusal to register as an ex parte matter, this notice is not used in connection with the mark involved and applicant has explained its occurrence to the satisfaction of the Examiner of Interferences, so that the notice referred to does not indicate any possibility of confusion and the Examiner of Interferences has properly found it to be no basis for ex parte action as to the application involved.

FRESH 'ND AIRE COMPANY, NOT INC., *v.* BELMONT LABORATORIES (SIDNEY E. BELMONT, ASSIGNEE, SUBSTITUTED) Cancellation No. 4684.

In a decision rendered February 5, 1948 (169 Ms. Dec. 609, 76 USPQ 268), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Interferences sustaining the petition of Fresh 'nd Aire Company, Not Inc., of Chicago, Ill., pursuant to section 2 of the Trade-Mark Act of March 19, 1920, to cancel registration No. 416,037, registered August 21, 1945, under that act to Belmont Laboratories (Sidney E. Belmont, Assignee, Substituted), of Chicago, Ill., the mark sought to be canceled comprising the words "FRESH 'n AIRE," with which is associated a representation of a bottle and wick and the words "Pull the wick—Kill it quick" for a household deodorant. Petitioner for cancellation relied upon prior use of the mark "Fresh 'nd Aire" and sets up ownership of registration No. 338,102, registered August 25, 1936, under the Trade-Mark Act of March 19, 1920, which discloses the words "Fresh'nd Aire" for air conditioning and circulating fan.

In response to registrant's contention that the goods of the parties are not merchandise of the same descriptive properties and that they are substantially different in appearance, construction, materials, costs, and purposes of use, it was held, after noting that registrant states that its deodorant acts by evaporation, while in petitioner's device the deodorant is heated and dispersed throughout the room by the action of the fan, it was held that the goods are identical in purpose, and operate on the same principle, the only difference being in the means of diffusion of the substance, so that they must be considered to be goods of the same descriptive properties.

In response to registrant's contention that the petition should have been dismissed because petitioner's testimony shows that it was not using the trade-mark at about the time of filing the petition, it was held that although the testimony does show that the manufacture and sale of such products was restricted a considerable extent due to inability to produce them during the war, nevertheless the testimony shows that fragrance and the deodorizer and purifier were sold as long as stock was one hand, including proof of specific sales of the fragrance and deodorizer during 1943 and 1944, the period during which the registrant claimed to have exclusive use of the mark, with the mark appearing on these goods as shipped, so that these alone would be sufficient to negative registrant's right to the registration under section 1(*b*) and section 2 of the Trade-Mark Act of 1920.

TUNG-SOL LAMP WORKS, INC., *v.* KING-SOL RESEARCH CORPORATION, Opposition No. 24,408.

In a decision rendered February 5, 1948 (169 Ms. Dec. 611, 76 USPQ 269), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Interferences sustaining the opposition of Tung-Sol Lamp Works, Inc., of Newark, N. J., to the registration under the Trade-Mark Act of February 20, 1905, of the mark for flash synchronizers, consisting of a battery case, battery reflector and magnetic tripper shown in the application of King-Sol Research Corporation, of New York, N. Y., the mark consisting of the words "KING-SOL" associated with a fanciful representation of the sun, the word "KING" appearing in a crown placed at the top of the sun, and the word "SOL" below it. The opposition was based on the confusion-in-trade clause of section 5 of the Trade-Mark Act of 1905, opposer having alleged prior ownership and use of "TUNG SOL" as a trade-mark for a long line of electrical products, and opposer being the owner of three prior registrations under the act of 1905, each covering "TUNG SOL" for various electrical products, and one comprising those words together with a fanciful representation of the sun, for incandescent electric lamps.

In response to applicant's contention that the Examiner was clearly in error in holding that the goods of the respective parties are confusingly similar, within the meaning of the confusion-in-trade clause of the act of 1905, it was held that the Examiner of Interferences was right in ruling that the goods are confusingly similar within the meaning of the act.

It was further held that as to the similarity of the marks mere comparison of either their appearance or sound is sufficient to demonstrate confusing similarity, so that the marks are so similar that their use on goods of the same descriptive properties would be likely to cause confusion or mistake in the mind of the public or to deceive purchasers.

After noting that opposer questions the holding of the Examiner of Interferences that no grounds of opposition under the "name clause" exist, it was held that in view of the foregoing it is perhaps unnecessary to consider opposer's appeal from the ruling that the opposition could not be maintained under the "name clause" of section 5 of the Trade-Mark Act of 1905, so that it therefore seems sufficient to note that agreement is expressed with the conclusion of the Examiner of Interferences as to that phase of the proceeding.

RITE-RITE MFG. CO. *v.* RITE-CRAFT COMPANY, Opposition No. 24,520.

In a decision rendered February 6, 1948 (169 Ms. Dec. 619, 76 USPQ 274), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Interferences dismissing the opposition of Rite-Rite Mfg. Co., of Downers Grove, Ill., to the registration of the mark "Rite-Craft" of Rite-Craft Company, of Chicago, Ill., for pencils, both wood cased and mechanical, and pens, under the Trade-Mark Act of 1905. The "confusion-in-trade" and "name clauses" of section 5 of the Trade-Mark Act of 1905, are alleged as statutory grounds for opposition, opposer relying upon prior use and ownership of the trademark "Rite-Rite" for pencils and other similar products. The notice of opposition also sets up ownership of registration of that mark under the act of 1905, registration No. 166,892, registered April 17, 1923, which had, however, expired prior to institution of this opposition proceeding, and for which an application to reregister was pending during the pendency of the opposition proceeding. That mark has now been reregistered by applicant under the act of 1905.

After noting that a stipulation of facts was entered into, it was held that from this it appears that opposer and its predecessor have used the mark "Rite-Rite" and applied the same to fountain pens, mechanical pencils, pencil leads, pencil clips and erasers for many years prior to any use claimed by applicant for its mark, so that the only question for decision is the similarity of the marks of the parties.

It was held that whether the marks are analyzed as to components or considered as a whole, the Examiner of Interferences was right in ruling that they are not sufficiently similar that there is likelihood of confusion or mistake in the minds of the public as a result of their concurrent use.

In response to opposer's contention that the Examiner of Interferences should have taken into consideration its trade-mark registration No. 425,515 reregistering "Rite-Rite" for these products which was granted after the decision of the Examiner of Interferences, it was held that since priority and continued use were conceded by the stipulation of facts, it is not apparent how this registration could affect the decision and that since the marks are regarded as dissimilar, the existence or nonexistence of the registration would not render them similar.

It was held that the Examiner of Interferences has correctly held ex parte that applicant must disclaim the descriptive word "Rite" from its mark in the event registration is finally granted in this matter.

TOM HUSTON PEANUT COMPANY *v.* GEORGE ZIEGLER COMPANY, Opposition No. 24,641.

In a decision rendered February 9, 1948 (169 Ms. Dec. 621, 76 USPQ 332), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Interferences sustaining the opposition of Tom Huston Peanut Company, of Columbus, Ga., to the application of George Ziegler Company, of Milwaukee, Wis., for registration of the word "GIANT" as a trade-mark for a candy confection under the Trade-Mark Act of 1905. In the notice of opposition opposer set out that the mark sought to be registered is merely descriptive of the goods and that opposer has used the notation on its own candy for a number of years prior to the filing of the application for registration.

After noting that the only question for decision is whether "GIANT" as applied to candy bars is descriptive, it was held that the Examiner of Interferences was right in holding that this word as applied to a candy bar indicates to the purchaser that he is receiving a very large candy bar for his money, and is merely descriptive within the meaning of section 5 of the Trade-Mark Act of 1905.

Notwithstanding that certain witnesses stated that the mark was not descriptive, it was held that even these statements are not entirely clear, and their testimony does not negative the obviously descriptive meaning of the word even in this field.

As to the references to registrations of the word "GIANT" by others for various products, it was held that these are immaterial, but it is noted that such a word might be nondescriptive as to other products while remaining descriptive as to candy bars, although if it were shown that the word had descriptive significance as used in some or all of

such registrations it would furnish no precedent justifying another improper registration.

In response to applicant's insistence that the word cannot be descriptive since its bar is not actually large, it was held that this would merely show it to be misdescriptive, although actually, however, it is the meaning which the purchasers would understand from the mark as used on the goods which should control, and the fact that the bars are not actually large would not change this.

SEARS, ROEBUCK AND CO. *v.* CRAFTMASTER PRODUCTS CORPORATION, Cancellation No. 4980.

In a decision rendered February 13, 1948 (169 Ms. Dec. 624, 76 USPQ 356), *Commissioner Kingsland* denied a petition by respondent, Craftmaster Products Corporation, of New York, N. Y., asking the Commissioner to instruct the Examiner of Interferences to decide respondent's motion for summary judgment on the merits, the motion having been filed after respondent in its answer had generally denied all material allegations of the petition of Sears, Roebuck and Co., of Chicago, Ill., for cancellation.

It was held that the Examiner of Interferences was clearly correct in denying the motion on the ground that the case presented material issues of fact which could not be disposed of by summary judgment under Rule 56 of the Rules of Civil Procedure, since it is clear beyond doubt that the case presents genuine issues as to all material facts.

BROWN SHOE COMPANY, INC., *v.* A. WERMAN & SONS, INC., Opposition No. 23,730.

In a decision rendered February 17, 1948 (169 Ms. Dec. 627, 76 USPQ 357), in the opposition of Brown Shoe Company, Inc., of St. Louis, Mo., to the application of A. Werman & Sons, Inc., of Brooklyn, N. Y., for registration of the trade-mark "Round Robin" for shoes, *Assistant Commissioner Murphy* affirmed the action of the Examiner of Trade-Mark Interferences sustaining the opposition, further adjudging applicant not entitled to the registration for which it applied and dismissing the counter-claim of applicant by which it was sought to cancel opposer's registration of its trade-mark "Robin Hood" for shoes made of leather, cloth, canvas or combinations thereof, on the ground that the registered mark is invalid under both the "name" and "geographical" clauses of section 5 of the Trade-Mark Act of 1905.

It was held that according to the evidence opposer has had extensive use of its mark "Robin Hood" for shoes made of leather, cloth, canvas or combinations thereof for some twenty years prior to the date of use claimed by applicant for its mark "Round Robin," so there can be no dispute as to priority of use.

It was held that the Examiner was right in ruling that insofar as opposer's objections to the registration of applicant's mark are concerned, since there can be no doubt that the notation "Robin Hood" has long been known to the purchasing public as a symbol of origin of opposer's goods, it is immaterial whether the mark "Robin Hood" is of such a character entitling it to registration as a technical trade-mark.

After conceding that there are differences between the two marks "Robin Hood" and "Round Robin," especially as to meaning, it was held that the more important similarities are those of sound and appearance, so that there is not enough distinction between the marks to avoid the likelihood of confusion in trade and deception of purchasers.

As to the merits of the counterclaim, after noting that the evidence shows that "Robin Hood" is used as the sole and distinguishing element of the names of certain individuals and business concerns and is the name of three obscure geographical places, it was held, since the record also shows that the notation "Robin Hood" is widely known as the name of a legendary figure, it cannot be said to be merely the name of an individual and merely a geographical name or term to thus be barred registration under section 5 of the act of 1905.

It was further held that the Examiner was right in ruling that applicant has no proper interest in the question of whether the term "consists merely in the name of a person" within the meaning of the "name" clause of the act since applicant makes no claim to having used "Robin Hood" as its name.

ANDERSEN CORPORATION *v.* THE CASKEY-DUPREE MFG. CO. (THE AIROLITE COMPANY, ASSIGNEE, SUBSTITUTED). Cancellation No. 5011.

In a decision rendered February 17, 1948 (169 Ms. Dec. 625, 76 USPQ 360), in a cancellation proceeding brought under the Trade-Mark Act of 1920 by Andersen Corporation, of Bayport, Mich., to cancel a registration which expired January 5, 1948, of The Caskey-Dupree Mfg. Co. (The Airolite Company, Assignee, Substituted), of Marietta, Ohio, *Assistant Commissioner Daniels* denied a petition of the registrant to require the Examiner of Trade-Mark Interferences to dismiss the cancellation proceeding, where the Examiner of Interferences had suspended action in the proceeding until May 1, 1948, on the theory that the registration might within three months of its expiration be renewed under sections 9 and 46(*b*) of the Trade-Mark Act of 1946.

It was held that the petition for cancellation was filed under and in accordance with the Trade-Mark Act of 1920 so that should the registration sought to be canceled be renewed, it will still be the same registration, continued in existence through renewal, and the cancellation proceeding would not be changed but would continue to be under and in accordance with the 1920 act, including the matter as to the fee, if any, paid or to be paid by petitioner for cancellation.

It was held that the Examiner was right in holding that if the registration is permitted to expire and application for renewal is not filed it would be futile to continue the cancellation proceeding against an expired mark, while if it is renewed or attempted to be renewed the cancellation proceeding would survive and petitioner for cancellation should have the continued right to prosecute it which is preserved for him by section 47(*a*) of the Trade-Mark Act of 1946.

NESTLE'S MILK PRODUCTS, INC. *v.* BAKER IMPORTING COMPANY, INC., Opposition No. 24,729.

In a decision rendered February 24, 1948 (169 Ms. Dec. 631, 76 USPQ 392), *Assistant Commissioner Daniels* reversed the action of the Examiner of Trade-Mark Interferences, who has sustained the opposition of Nestle's Milk Products, Inc., of New York, N. Y., to granting registration under the act of February 20, 1905, to Baker Importing Company, Inc., of New York, N. Y., of the word "HYCAFE" as a trade-mark for coffee extract, the statutory ground of opposition being the confusion-in-trade clause of section 5 of the Trade-Mark Act of 1905, and opposer relying on prior use and ownership of the mark "NESCAFE" for the same product.

After noting that no question is raised by applicant as to opposer's priority of use of its mark nor as to the identity of the goods on which the parties use their respective marks, it was held that viewing these marks in their entireties, they do not bear such near resemblance to each other that their concurrent use would be likely to cause confusion in the trade, since the public would regard the prefixes as the distinguishing feature and accept the balance of the words as merely designating the product, although the descriptive portions of the mark may not be disregarded in resolving this question.

It was further held that the fact that applicant has disclaimed "CAFE" in its application for registration is not important in this connection since it is the probability of confusion between the words rather than the disclaimer which appears controlling.

EX PARTE LOFT CANDY CORPORATION, Serial No. 477,277.

In a decision rendered February 25, 1948 (169 Ms. Dec. 638, 76 USPQ 395), *Assistant Commissioner Murphy* affirmed the action of the Examiner of Trade-Marks refusing, in view of three prior registrations, to register, under the act of February 20, 1905, the mark of Loft Candy Corporation, of Long Island City, N. Y., for candy, the mark consisting of the words "Little ARISTOCRATS" and the representation of an heraldic shield with helmet and crown, the word "Little" being in script and disclaimed apart from the mark as shown in the drawing, and the word "ARISTOCRATS" being printed in larger capital letters.

After noting that there can be no question as to the practical identity between applicant's goods and those of the prior registrations, it was held that there would be reasonable likelihood of confusion in trade if there were concurrent use of applicant's mark "Little ARISTOCRATS" with the pictorial representation of a shield, with the prior registered marks "Aristocratic" applied to chocolates, "Mississippi Aristocrats" applied to candy, and "Aristocrat" applied to nuts.

In response to applicant's argument that a commonplace term of self-praise, such as "aristocrats" or "aristocratic," cannot be the exclusive property of one manufacturer, it was held that it is well settled, however, that two marks may be confusingly similar even though the only word which they have in common is one which cannot, alone, be the exclusive property of one manufacturer.

EX PARTE EDWARD A. WHEELER (DOING BUSINESS AS THE WHEELER COMPANY), Serial No. 510,462.

In a decision rendered February 25, 1948 (169 Ms. Dec. 637, 76 USPQ 396), *Assistant Commissioner Daniels* denied a petition to require the Examiner of Trade-Marks to enter a proposed amendment filed on November 21, 1947, by Edward A. Wheeler (doing business as The Wheeler Company), of Chicago, Ill., purporting to convert a pending application filed under the Trade-Mark Act of 1905, to one for registration under the Trade-Mark Act of 1920.

After noting that section 46(*a*) of the Trade-Mark Act of 1946, effective July 5, 1947, specifically repealed both the Trade-Mark Act of 1905, under which the subject-application was filed, and the Trade-Mark Act of 1920, to which applicant seeks to convert the application, as of effective date of the new act, it was held that while conversion such as that sought by applicant could be made from one act to the other while both were in existence, such conversion cannot be made to obtain registration under an act which has been repealed, and the saving clause of section 47(*a*) of the Trade-Mark Act of 1946 applies only to prosecution of applications and registrations under the act "under which said applications were filed".

EX PARTE TRANS-METER CORPORATION, Application filed incomplete on June 18, 1947.

In a decision rendered February 27, 1948 (169 Ms. Dec. 640, 76 USPQ 398), *Assistant Commissioner Daniels* denied a petition by Trans-Meter Corporation, of New York, N. Y., presented after the repeal of the Trade-Mark Act of February 20, 1905, together with a drawing and a re-presentation of papers originally presented on June 18, 1947, but refused a filing date because lacking a drawing, that the application be given a filing date as of June 18, 1947.

After noting that the requirement that a drawing be filed with the balance of the papers to constitute an application under the Trade-Mark Act of 1905

is statutory, it was held that in the absence of the drawing required by statute no filing date could be given to the papers, and accepting all of the facts stated to show that it was impossible to file a drawing at that time, there is no authority for according it that filing date.

It was further held that since the Trade-Mark Act of 1905 was repealed effective July 5, 1947, the later presentation of an application for registration of a trade-mark under that act cannot be accepted.

EX PARTE A. STEIN & COMPANY, Serial No. 372,643.

In a decision rendered February 27, 1948 (169 Ms. Dec. 641, 76 USPQ 397), *Assistant Commissioner Daniels* denied a petition filed January 29, 1948, requesting reconsideration of a decision rendered by the Assistant Commissioner on March 19, 1937 (477 O. G. 771, 33 USPQ 54), affirming the refusal of the Examiner to register to A. Stein & Company, of Chicago, Ill., a trade-mark.

After noting that no appeal was taken by applicant and that the decision therefore became final, it was held that no further proceedings having been taken by the applicant, the application became abandoned, and that no further action can be taken on this application.

EX PARTE ALBER N. CORY, INC., Serial No. 519,571.

In a decision rendered February 27, 1948 (169 Ms. Dec. 642, 76 USPQ 397), *Assistant Commissioner Daniels* denied a petition in an application of Albert N. Cory, Inc., of New York, N. Y., for registration of a trade-mark under the act of 1905, refused registration because of a prior registration of the same or a similar mark for goods regarded by the Examiner as having the same descriptive properties, that an order be entered directing the Examiner to accept the consent filed herein, withdraw the reference and pass the trade-mark of applicant to publication.

It was held that the so-called letter of consent as a physical document has been accepted, entered of record and forms part of the file in this matter; the Examiner's action merely indicates that it has not been accepted as a basis for registration, in view of the citation of cases.

It was further held that the request that the reference be withdrawn and the mark passed to publication relates to a question for consideration on the merits and cannot be considered by petition under rule 62, rules of the Patent Office relating to the registration of trade-marks under the Trade-Mark Act of 1905; applicant's remedy if it feels aggrieved is by appeal pursuant to section 8 of the Trade-Mark Act of 1905 and rule 61 of the rules, supra.

TRADE-MARKS

OFFICIAL GAZETTE, MARCH 30, 1948

[VOL. 608. No. 5]

ACT OF 1905

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication. As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Marks published for opposition under the act of 1946 follow the 1905 publications.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 505,269. WESTERN PRODUCTS, INC., Newark, Ohio. Filed July 8, 1946.



FOR RIGID AND SEMI-RIGID SHEETS SURFACED WITH PLASTIC MATERIALS FOR GENERAL USE IN THE INDUSTRIAL ARTS.

Claims use since Mar. 15, 1946.

Ser. No. 513,446. MONARCH LEATHER COMPANY, Chicago, Ill. Filed Nov. 29, 1946.

MONCO

FOR LEATHER.

Claims use since November 1934.

CLASS 2

RECEPTACLES

Ser. No. 499,281. RICHARDS, BOGGS & KING, INC., Chicago, Ill. Filed Mar. 29, 1946.

SEAQUEEN

FOR COMPACTS MADE OF BASE METAL AND MERCHANDISED WITHOUT FACE POWDER OR ROUGE THEREIN.

Claims use since Mar. 26, 1946.

Ser. No. 517,361. GRAND PRODUCTS CO., Chicago, Ill. Filed Feb. 12, 1947.

SCHEHERAZADE

FOR UNFILLED DRAM-SIZE PERFUME DISPENSERS AND UNFILLED VANITY CASES MADE OF BASE METAL.

Claims use since Feb. 10, 1943.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 500,292. EL CAMINO PETROLEUM CO., Los Angeles, Calif. Filed Apr. 16, 1946.



The female representation on the drawing is fanciful. No claim is made to the word "Parfum" apart from the mark as shown on the drawing.

FOR PETROLEUM SOLVENT USED AS A FRENCH DRY CLEANER AND SPOT REMOVER.

Claims use since Jan. 26, 1946.

Ser. No. 509,011. GEO. E. KEITH COMPANY, Brockton, Mass. Filed Sept. 13, 1946.

Glo-ria

FOR CLEANSER FOR WHITE FABRICS—NAMELY, KID AND CALF SHOES, AND FOR BELTS, LEGGINGS, AND THE LIKE.
Claims use since 1928.

Ser. No. 513,135. PAR BEVERAGE CORPORATION, also doing business as Par Products Company, Inc., Cincinnati, Ohio. Filed Nov. 23, 1946.

SPREE

FOR WASHING AND CLEANING SOLUTIONS.
Claims use since July 1, 1946.

Ser. No. 519,272. THE HIOLEY CHEMICAL COMPANY, Dubuque, Iowa. Filed Mar. 19, 1947.

SILVER FOAM

FOR LIQUID TOILET SOAP.
Claims use since Aug. 26, 1926.

Ser. No. 525,808. SYLVAN M. EDISON, doing business under the name of Edison Chemical Co., Chicago, Ill. Filed July 3, 1947.

EDISONITE

FOR POWDER SOLUBLE TO MAKE A CLEANING SOLUTION FOR EYE GLASSES, JEWELRY, DIAMONDS, PLASTICS AND PRECIOUS METALS.
Claims use since July 1, 1940.

CLASS 5

ADHESIVES

Ser. No. 507,571. THE CARTER'S INK COMPANY, Cambridge, Mass. Filed Aug. 17, 1946.

CARTEX

FOR LATEX ADHESIVE.
Claims use since June 1936.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 501,216. TOBACCO BY-PRODUCTS AND CHEMICAL CORPORATION, Louisville, Ky. Filed Apr. 30, 1946.

BENZO-FUME

The word "Fume" is disclaimed.
FOR FUMIGANTS.
Claims use since Mar. 18, 1946.

Ser. No. 503,676. RUTLEE CHEMICAL COMPANY, Perth Amboy, N. J., and Washington, D. C. Filed June 11, 1946.

PROTAM

FOR NUTRITIOUS ENDODERMIC OINTMENT OF PROTEIN HYDROLYSATES FOR EXTERNAL USE AS AN UNGUENTUM AND TO STIMULATE ABSORPTION OF AMINO ACIDS.
Claims use since Feb. 6, 1946.

Ser. No. 505,087. FREDERIC J. TRUMP, doing business as F. J. Trump, Stamford, Conn. Filed July 8, 1946.

TOO

FOR TOOTH PASTE.
Claims use since May 7, 1946.

Ser. No. 507,008. MORRIS LANGHAUS, doing business as Sun-Ray Hair Preparations Co., New York, N. Y. Filed Aug. 7, 1946.

SUN-RAY

FOR HAIR COLORS, HAIR TONICS, LOTIONS FOR THE TREATMENT OF HAIR AND SCALP, AFTER SHAVING LOTION, FACE AND SKIN CREAMS, HAIR POMADES, LIPSTICKS, ROUGES, HAIR DRESSINGS, AND FACE POWDERS.
Claims use since May 20, 1925.

Ser. No. 507,086. SWIFT & COMPANY, Chicago, Ill. Filed Aug. 8, 1946. Under section 5b of the act of 1905 as amended in 1920.

SWIFT'S

Applicant is the owner of registration No. 260,782, effected under the ten-year proviso.
FOR AGRICULTURAL SULPHUR CHEMICALS USED AS A SOIL FUMIGANT, INSECTICIDES AND FUNGICIDES.
Claims use since Feb. 13, 1941.

Ser. No. 512,386. CUTTER LABORATORIES, Berkeley, Calif. Filed Nov. 12, 1946.

P.O.B.

FOR CALCIUM PENICILLIN SUSPENDED IN OIL AND WAX.
Claims use since September 1945.

Ser. No. 512,387. CUTTER LABORATORIES, Berkeley, Calif. Filed Nov. 12, 1946.

PEN-TROCHE

The word "Troche" is disclaimed apart from the mark.
FOR CALCIUM PENICILLIN TABLETS.
Claims use since September 1945.

Ser. No. 514,870. YANKEE BOTTLED GAS CORP., Westville, N. H., and Lexington, Mass. Filed Dec. 26, 1946.

YANKEE BOTTLED GAS

The words "Bottled Gas" and the representation of the container are disclaimed.
FOR BOTTLED LIQUEFIED PETROLEUM GAS, USED FOR COOKING AND HEATING.
Claims use since on or about Nov. 27, 1946.

Ser. No. 516,912. ORTHO PHARMACEUTICAL CORPORATION, Linden, N. J. Filed Feb. 4, 1947.

Nidoxital

FOR PHARMACEUTICAL PREPARATION FOR THE TREATMENT OF NAUSEA AND VOMITING.
Claims use since Jan. 2, 1947.

Ser. No. 519,262. HELENE CURTIS INDUSTRIES, INC., Chicago, Ill. Filed Mar. 19, 1947.

Hi-Temp

FOR MACHINELESS CHEMICAL HAIR WAVING PADS AND SOLUTIONS USED THEREWITH.
Claims use since Mar. 7, 1947.

Ser. No. 520,256. MILTON BARTOK, doing business as Bardex Medicine Company, Sarasota, Fla., and Columbus, Ohio. Filed Apr. 7, 1947.

BARDEX

FOR TONIC, AN INTERNAL MEDICINE, MADE OF HERBS, VITAMINS, ETC., USED AS A STOMACHIC AND APPETIZER.
Claims use since Jan. 1, 1940.

CLASS 8

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS

Ser. No. 503,376. KAYWOODIE COMPANY, West New York, N. J. Filed June 6, 1946.



The mark consists of a representation of a label.

FOR SMOKERS' PIPES, CIGAR AND CIGARETTE HOLDERS.

Claims use since May 2, 1946.

Ser. No. 519,422. SMITH PAPER, INC., Lee, Mass. Filed Mar. 21, 1947.

FULL HOUSE

FOR CIGARETTE PAPER CUT TO SIZE AND CIGARETTE PAPER BOOKLETS CUT TO SIZE.

Claims use since Jan. 28, 1947.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 502,283. FORTRESS MANUFACTURING CO., Milwaukee, Wis. Filed May 17, 1946.

FORTRESS

FOR LAWN MAINTENANCE EQUIPMENT—NAMELY, LAWN SPRINKLERS.

Claims use since February 1946.

Ser. No. 506,453. KEMGAS PROCESS COMPANY, Lubbock, Tex. Filed July 29, 1946.

STATIFIER

FOR NOZZLES USED IN CONNECTION WITH AN ATOMIZING APPARATUS FOR CONTROLLING THE STATIC ELECTRICITY AND CONDITIONING THE COTTON DURING THE GINNING PROCESS.

Claims use since Dec. 5, 1940.

Ser. No. 510,190. NATIONAL ALUMINUM MANUFACTURING CO., Peoria, Ill. Filed Oct. 3, 1946.

Health

FOR PRESSURE COOKERS OF VARIOUS TYPES AND SIZES—NAMELY, SAUCE PAN COOKERS AND CANNERS; AND KITCHEN UTENSILS FORMED OF BASE METAL, PRINCIPALLY ALUMINUM—NAMELY, SAUCE PANS, KETTLES, WAFFLE IRONS, COFFEE POTS, FRYING PANS, CASSEROLES, ROASTERS, GRIDDLES, BROILERS, TRIPLICATE PAN SETS, DOUBLE FRYING PANS, TEA KETTLES, DUTCH OVENS, COVERS, COMBINATION ROASTERS AND COOKERS, URNS, JUGS, PITCHERS, STOCK POTS, AND DOUBLE BOILERS.

Claims use since Jan. 1, 1926.

Ser. No. 521,213. SEAL FASTENER CORP., New York, N. Y. Filed Apr. 23, 1947.

SEAL

FOR SEPARABLE FASTENERS OF THE SLIDER CONTROLLED TYPE.

Claims use since Dec. 9, 1946.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 502,704. MAGNESIUM COMPANY OF AMERICA, Chicago, Ill. Filed May 24, 1946.

MAGCOA

FOR MAGNESIUM SHEETS AND PLATES; FINISHED AND UNFINISHED, SAND, PERMANENT MOLD, AND DIE CASTINGS OF MAGNESIUM; MAGNESIUM INGOT; MAGNESIUM POWDER; MAGNESIUM STAMPINGS, FORGINGS, AND SPINNINGS.

Claims use since May 9, 1946.

CLASS 15

OILS AND GREASES

Ser. No. 512,832. GEORGE W. GALLAWAY, New York, N. Y. Filed Nov. 19, 1946.

AJAX

FOR FUEL OIL STABILIZER HAVING AN OIL BASE FOR THE REMOVAL OF SLUDGE AND ALL FOREIGN MATTER FROM THE TANKS IN OIL BURNER SYSTEMS.

Claims use since Oct. 1, 1940.

CLASS 17

TOBACCO PRODUCTS

Ser. No. 497,726. LANE TOBACCO, LTD., New York, N. Y. Filed Mar. 6, 1946.



The drawing is lined for shading only. The words "Smoking Mixture" and "Mild and Slightly Aromatic" are disclaimed apart from the mark.

FOR CIGARETTES, CIGARS, SNUFF TOBACCO, PIPE TOBACCO, CHEWING TOBACCO, LEAF TOBACCO, CIGAR TOBACCO, CIGARETTE TOBACCO, AND TOBACCO WRAPPERS FOR CIGARETTES—NAMELY, TOBACCO LEAVES.

Claims use since March 1945.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 470,836. METALLIZING COMPANY OF AMERICA, Chicago, Ill. Filed June 1, 1944.

MOGUL
ELECTRIC-BONDER

No claim is made to the words "Electric" and "Bonder" apart from the mark shown.

FOR METAL DEPOSITING APPARATUS COMPRISING A TRANSFORMER AND ELECTRODE HOLDER FOR ELECTRIC CLADDING, REPAIRING, AND WELDING.

Claims use since Jan. 1, 1944.

Ser. No. 496,900. ELECTRONIC ADVERTISING, INC., New York, N. Y. Filed Feb. 19, 1946.

Ad-V-O-X

Applicant disclaims the word "Ad" apart from the mark as shown.

FOR PHOTO-ELECTRIC EYE ACTUATED ELECTRICAL APPARATUS COMPRISED OF PHONOGRAPH UNITS AND RECORDS, AND LOUDSPEAKERS FOR THE REPRODUCTION OF ORAL ADVERTISING MESSAGES.

Claims use since Feb. 1, 1946.

Ser. No. 506,743. FEDERAL TELEPHONE AND RADIO CORPORATION, New York, N. Y. Filed Aug. 2, 1946.

-MEGATHERM-

FOR INDUSTRIAL OVENS HEATED BY ELECTROSTATIC AND MAGNETIC FIELDS.

Claims use since Mar. 23, 1944.

Ser. No. 514,578. JACK B. CUNNINGHAM, doing business as Shortwave Plastic Forming Company, Burbank, Calif. Filed Dec. 19, 1946.

POLIMERATOR

FOR ELECTRONIC HIGH FREQUENCY GENERATORS SUITABLE FOR DI-ELECTRIC HEATING TO CAUSE DRYING OF ADHESIVES FOR BONDING LAYERS OF MATERIAL TOGETHER.

Claims use since Nov. 10, 1945.

Ser. No. 516,276. THE HARTFORD PRODUCTS CORPORATION, Hartford, Conn., and Chicago, Ill. Filed Jan. 24, 1947.

TORRID

FOR ELECTRIC STOVES, RANGES, COOKERS, AND SPACE HEATERS.

Claims use since Jan. 16, 1947.

Ser. No. 517,690. AUT-O-TOT COMPANY, Omaha, Neb. Filed Feb. 18, 1947.

AUT·O·TOT

No claim is made to the word "Tot" apart from the mark as shown.

FOR ELECTRICALLY HEATED BABY BOTTLE WARMER FOR USE IN AUTOMOBILES.

Claims use since Apr. 1, 1946.

Ser. No. 519,385. U. S. ELECTRICAL MOTORS, INC., Los Angeles, Calif. Filed Mar. 21, 1947.

VELVAGRIP

FOR ELECTRICAL HOLLOW SHAFT MOTORS.

Claims use since Feb. 7, 1947.

Ser. No. 519,388. U. S. ELECTRICAL MOTORS, INC., Los Angeles, Calif. Filed Mar. 21, 1947.

STREAMWAY

FOR VERTICAL HOLLOW SHAFT ELECTRICAL MOTORS.

Claims use since Feb. 7, 1947.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 497,806. MAY MACGREGOR, New York, N. Y. Filed Mar. 7, 1946.

BEAUTY BOARD

The word "Board," except in the association shown, is disclaimed.

FOR SUPPORTING BOARD ADAPTED FOR USE IN EXERCISE OF THE HUMAN BODY.

Claims use since Jan. 2, 1942.

Ser. No. 503,236. THE WON-PUTT CO., Memphis, Tenn. Filed June 3, 1946.

WON-PUTT

The descriptive word "Putt" is disclaimed apart from the mark.

FOR GOLF CLUBS.

Claims use since Mar. 1, 1946.

Ser. No. 507,360. ANIMAL TRAP COMPANY OF AMERICA, Lititz, Pa. Filed Aug. 14, 1946.

VICTOR Veri-lite

No claim is made to the compound word "Veri-lite" apart from the mark.

FOR DUCK DECOYS, AND DECOYS FOR OTHER WILD FOWL AND WATER FOWL.

Claims use since Jan. 14, 1946.

Ser. No. 509,251. THE SPEED WAY PROPELLER COMPANY, Houston, Tex. Filed Sept. 17, 1946.

Speed Way

FOR PROPELLERS FOR MINIATURE AIRPLANES.

Claims use since June 12, 1946.

Ser. No. 517,110. BAYSHORE INDUSTRIES, INC., Elkton, Md. Filed Feb. 7, 1947.



The representation of the balloons and the torso of the fanciful man are lined for shading purposes only.

FOR TOY BALLOONS.

Claims use since Jan. 3, 1947.

Ser. No. 519,744. FLORIDA FISHING LEADER COMPANY, West Palm Beach, Fla. Filed Mar. 28, 1947.

PALM

FOR FISHING TACKLE—NAMELY, FISHING LEADERS AND FISHING LINES.

Claims use since Sept. 14, 1944.

Ser. No. 521,458. NASCO DOLL, INC., Brooklyn, N. Y. Filed Apr. 28, 1947.

Nasco

FOR DOLLS.

Claims use since Apr. 10, 1945.

Ser. No. 522,526. LUMINASTIC PRODUCTS, INC., Newport, Ky. Filed May 16, 1947.

PERMA BAIT

The word "Bait" is disclaimed apart from the mark as shown.

FOR ARTIFICIAL FISH LURES.

Claims use since Feb. 24, 1947.

Ser. No. 523,155. PLASTICTRONICS, INC., New York, N. Y. Filed May 27, 1947.

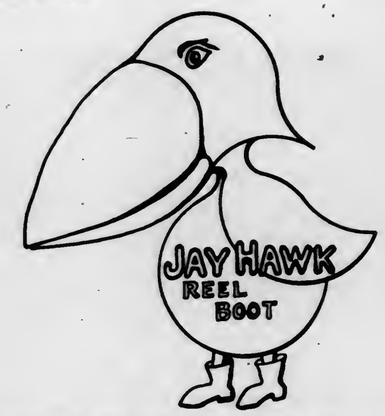
the holiday line

The word "Line" is disclaimed apart from the rest of the mark.

FOR PLASTIC INFLATABLE SWIM RINGS, PLASTIC INFLATABLE BALLS.

Claims use since Mar. 25, 1947.

Ser. No. 524,857. EDWARD A. BROWN, doing business as E. A. Brown Mfg. Company, Dodge City, Kans. Filed June 26, 1947.



The words "Reel Boot" are disclaimed apart from the mark.

FOR FISHERMAN'S CASTING ROD HANDLE AND REEL COVER.

Claims use since June 16, 1947.

Ser. No. 525,769. BAYSHORE INDUSTRIES, INC., Elkton, Md. Filed July 3, 1947.

★ KIDS PIX ★

FOR TOY BALLOONS.

Claims use since May 1, 1947.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 487,337. SAV-WAY INDUSTRIES, Detroit, Mich., assignor to Sav-Way Industries, Incorporated, Detroit, Mich., a corporation of Michigan. Filed Aug. 20, 1945.

Sav-way

The drawing is lined to indicate blue color.

FOR HAND CONTROLLED INTERNAL GRINDING MACHINE, HYDRAULICALLY CONTROLLED INTERNAL GRINDING MACHINES, HEAT SEALING MACHINES FOR SEALING PACKAGES ENCASED IN PLASTIC SHEETING, SPINDLES—INCLUDING THE BEARING AND STONE CARRYING SHAFTS—FOR GRINDING MACHINES, AND MOLDING MACHINES FOR INJECTION MOLDING OF PLASTIC ARTICLES.

Claims use since about Mar. 1, 1941.

Ser. No. 494,204. SENSATION MOWER, INC., Ralston, Nebr. Filed Jan. 2, 1946.

SENSATION

FOR GASOLINE AND ELECTRICALLY POWERED LAWN MOWERS, AND POWER DRIVEN BUTTER CHURNS FOR INDUSTRIAL USE.
Claims use since May 1938.

Ser. No. 496,040. PECO MANUFACTURING CORPORATION, Philadelphia, Pa. Filed Feb. 5, 1946.

PECO

FOR EXPERIMENTAL AND SPECIAL MACHINERY AND FIXTURES FOR TURNING, GRINDING, DRILLING, TAPPING, BROACHING, PIERCING, STAMPING, CUTTING, BURRING, BENDING, TWISTING, WELDING, RIVETING, BALANCING, PLATING, SIZING, PAINTING AND LETTERING; TIRE CUTTING AND GROOVING MACHINES AND PARTS THEREFOR; HOSE CUTTERS FOR MANUALLY CUTTING RUBBER OR FABRIC WATER HOSE; AND TRACTORS.
Claims use since Mar. 5, 1918.

Ser. No. 506,678. THE MECHANICS' TOOL AND FORGE COMPANY, Sabina, Ohio. Filed Aug. 1, 1946.

MAC

FOR MECHANICS' HAND TOOLS—NAMELY, SCREWDRIVERS, COLD CHISELS, PUNCHES, WRENCHES OF VARIOUS SIZES AND DESIGNS, HAMMERS, AWLS, PLIERS, AND FILES.
Claims use since January 1939.

Ser. No. 513,302. FEDERAL LABORATORIES, INC., Pittsburgh, Pa. Filed Nov. 27, 1946.

Breeze

FOR LAWN EDGER.
Claims use since July 15, 1946.

Ser. No. 515,687. SPRAY-O-DOR COMPANY, Chicago, Ill., assignor to Spray-O-Dor Company, Chicago, Ill., a firm composed of Mike Guryn and Emily K. Guryn. Filed Jan. 13, 1947.

SPRAY-O-DOR

Applicant makes no claim to the word "Spray" alone.
FOR DOOR CHECK DEODORIZING SPRAYERS.
Claims use since Oct. 29, 1937.

Ser. No. 516,011. F. C. GEORGE MACHINE COMPANY, Orlando, Fla. Filed Jan. 20, 1947.

PRESSPAC

FOR MECHANICAL JABBER APPARATUS FOR USE AS ATTACHMENTS FOR CONCRETE BLOCK MAKING MACHINES.
Claims use since Nov. 6, 1946.

Ser. No. 517,029. CONTAINER EQUIPMENT CORPORATION, Newark, N. J. Filed Feb. 4, 1947.

CECO

FOR CARTON AND PACKAGE SEALING MACHINES.
Claims use since Mar. 1, 1934.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 488,832. PAXTON DIESEL ENGINEERING COMPANY, Omaha, Nebr. Filed Sept. 21, 1945.

BEARING WATCHDOG

No claim is made to the right to the exclusive use of the word "Bearing" except in relation shown.
FOR ELECTRO-MECHANICAL TRIP MECHANISM FOR MOUNTING IN CLOSE PROXIMITY TO A ROTATING SHAFT AND FUNCTIONING TO INDICATE UNSAFE OPERATING CONDITIONS RESULTING FROM BEARING WEAR OR SHAFT MISALIGNMENT, BY CLOSING THE CIRCUIT WHICH ACTUATES A WARNING LIGHT, A DIAL INDICATION OF NON-OPERABLE CONDITION, OR A FUEL PUMP OR POWER SHUT-OFF VALVE, ETC., THE WHOLE FUNCTIONING AS AN INDICATING SAFETY APPARATUS.
Claims use since Mar. 16, 1944.

Ser. No. 504,849. GEORGE T. KOPP, doing business as Kopp Manufacturing Co., Detroit, Mich. Filed June 29, 1946.

SERVANT

FOR ELECTRIC CONTROLS FOR GAS HOT WATER HEATERS COMPRISING AN ELECTRICALLY OPERATED GAS VALVE AND PUSH BUTTON AND THERMOSTATIC CIRCUIT CLOSERS AND BREAKERS.
Claims use since Sept. 21, 1940.

Ser. No. 505,943. TRIANGLE PUBLICATIONS, INC., Philadelphia, Pa. Filed July 18, 1946.

seventeen patterns

Applicant disclaims the word "Patterns" apart from the mark.
FOR DRESS AND OTHER CLOTHING PATTERNS.
Claims use since Aug. 15, 1944.

Ser. No. 506,580. JABEZ BURNS & SONS, INC., New York, N. Y. Filed July 31, 1946.

THERMALO

FOR ELECTRICAL INSTRUMENTS FOR DETECTING THE PRESENCE OF FLAMMABLE GASES OR VAPORS, IN ENCLOSED AND PARTIALLY ENCLOSED SPACES AND IN ROASTING, BAKING, DRYING AND CHEMICAL EQUIPMENTS, AND FOR INDICATING THE CONCENTRATION OF SAID GASES OR VAPORS AND FUNCTIONING AT PREDETERMINED CONCENTRATIONS OF THE SAME TO ACTUATE PROTECTIVE CONTROLS, SIGNALS AND ALARMS.
Claims use since July 2, 1946.

Ser. No. 514,857. TAYLOR INSTRUMENT COMPANIES, Rochester, N. Y. Filed Dec. 26, 1946.

TRANSET

FOR INSTRUMENTS FOR MEASURING AND CONTROLLING TEMPERATURE, PRESSURE, FLOW AND LIQUID LEVEL.
Claims use since Dec. 17, 1946.

Ser. No. 516,000. BEST & CO. INC., New York, N. Y. Filed Jan. 20, 1947. Under 10-year proviso.

Best & Co.

FOR WEIGHING SCALES.
Claims use since 1882.

Ser. No. 521,467. REXALL DRUG COMPANY, Los Angeles, Calif. Filed Apr. 28, 1947.

PETECHIOMETER

FOR INSTRUMENTS FOR MEASURING CAPILLARY FRAGILITY, BEING A SMALL SUCTION PUMP WITH A HAND OPERATED PLUNGER AND A CLEAR PLASTIC BALL OR CUP WITH A MAGNIFYING GLASS IN THE UPPER SURFACE TO FACILITATE THE DIAGNOSING OF INCREASED CAPILLARY FRAGILITY, AND TO CHECK THE EFFECTIVENESS OF THE TREATMENT BEING GIVEN TO DECREASE CAPILLARY FRAGILITY.
Claims use since Apr. 1, 1947.

CLASS 27

HOROLOGICAL INSTRUMENTS

Ser. No. 517,132. HOME FURNISHINGS STYLE COUNCIL, New York, N. Y. Filed Feb. 7, 1947. Under the act of February 20, 1905, as amended June 10, 1938.

B.H.F.

FOR CLOCKS.
Claims use since Mar. 14, 1946.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Ser. No. 497,138. THE STRETCH-MASTER COMPANY, NOT INC., Chicago, Ill. Filed Feb. 23, 1946.

STRETCH-MASTER

The word "Stretch" is disclaimed.
FOR EXPANSION BRACELETS FOR WRIST WATCHES, NOT INCLUDING WATCHES.
Claims use since Jan. 4, 1946.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Ser. No. 520,299. JACOB E. POLLACK, Dundalk, Md. Filed Apr. 7, 1947.

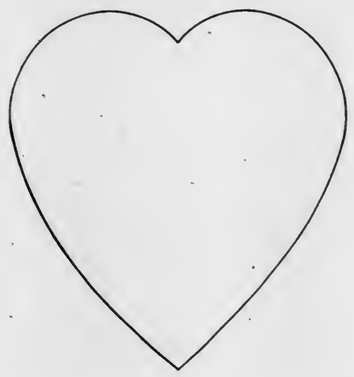


The diagonal lining is intended for purposes of shading only. The words "Sanitary," "Dentifrice Dipped" and "Brush" are disclaimed.
FOR TOOTHBRUSHES.
Claims use since Mar. 21, 1947.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 509,928. ED ROOS COMPANY OF FOREST PARK, Forest Park, Ill. Filed Sept. 28, 1946.



The trade-mark consists of a heart-shaped tag.
FOR CEDAR CHESTS.
Claims use since May 1, 1928.

Ser. No. 522,793. BRADLEY, LAURENS & CAMPBELL, New York, N. Y. Filed May 22, 1947.

LAZY SHANKS

The trade-mark consists of the words "Lazy Shanks."
FOR LEG AND FOOT-RESTS IN THE NATURE OF FURNITURE—NAMELY, FOOTSTOOLS AND HASSOCKS.
Claims use since May 15, 1947.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 519,089. OAKES & COMPANY, Chicago, Ill. Filed Mar. 15, 1947.



FOR TIRES AND TUBES FOR AUTOMOBILES, TRUCKS, AND BICYCLES, MADE OF RUBBER, RUBBER COMPOSITION, AND RUBBER AND FABRICS, FAN BELTS, FRACTIONAL HORSEPOWER V-BELTS, RUBBER RADIATOR HOSE, AND RUBBER HEATER HOSE.
Claims use since Feb. 25, 1947.

Ser. No. 523,488. SUN OIL COMPANY, Philadelphia, Pa. Filed June 3, 1947.

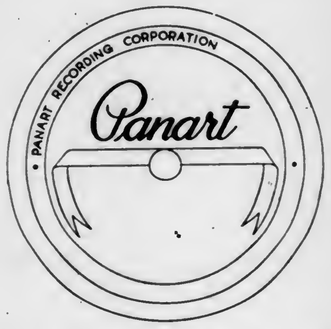
Sunoco

FOR PNEUMATIC TIRES, TIRE TUBES, PNEUMATIC TIRE AND INNER TUBE REPAIR KITS, AUTOMOBILE FAN BELTS, RADIATOR HOSE, CAR HEATER HOSE, TUBULAR REINFORCED RUBBER HOSE FOR FUEL LINES.
Claims use since Feb. 11, 1947; and since Apr. 3, 1947, on tubular reinforced rubber hose for fuel lines.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Ser. No. 519,597. PANART RECORDING CORPORATION, New York, N. Y. Filed Mar. 26, 1947.



No claim is made to the words "Recording Corporation."
FOR MECHANICALLY GROOVED PHONOGRAPH RECORDS.
Claims use since Jan. 16, 1947.

CLASS 37

PAPER AND STATIONERY

Ser. No. 508,870. SOUTHERN ADVANCE BAG & PAPER CO. INC., Bangor, Maine, and Boston, Mass. Filed Sept. 11, 1946.

WA HA

FOR KRAFT WRAPPING PAPER.
Claims use since July 27, 1946.

Ser. No. 509,730. SOUTHERN ADVANCE BAG & PAPER CO. INC., Bangor, Maine, and Boston, Mass. Filed Sept. 25, 1946.

SULTAN

FOR KRAFT WRAPPING PAPER.
Claims use since July 27, 1946.

Ser. No. 511,805. ELECTRO-PHYSICAL LABORATORIES, INC., New York, N. Y. Filed Oct. 31, 1946.

PERMOGRAPH

FOR CHEMICALLY TREATED HEAT-SENSITIVE PAPER IN ROLLS AND SHEETS USED FOR RECORDING MARKINGS MADE BY THE HEATED STYLUS OF A RECORDING DEVICE.
Claims use since Aug. 1, 1946.

Ser. No. 517,340. H. J. BARNEY MANUFACTURING CO., Providence, R. I. Filed Feb. 12, 1947.

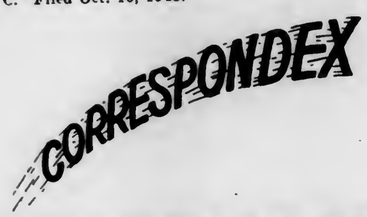
STURDIPOINT

FOR FOUNTAIN PENS AND MECHANICAL PENCILS.
Claims use since Jan. 1, 1947.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 490,030. CHARLES HENRY NIEMANN, Washington, D. C. Filed Oct. 16, 1945.



FOR SETS OF PROCEDURE CARDS OR SHEETS REVEALING HOW VARIOUS TYPES OF CORRESPONDENCE, CASES, OR OTHER RECURRING PAPERWORK CAN BE HANDLED ON A PRODUCTION-LINE BASIS TO INCREASE OUTPUT WHILE AT THE SAME TIME BEING SUFFICIENTLY PERSONALIZED TO INSURE GOOD PUBLIC RELATIONS.
Claims use since Oct. 11, 1945.

Ser. No. 497,793. GUIDEPOSTS ASSOCIATES, INC., Pawling, N. Y. Filed Mar. 7, 1946.



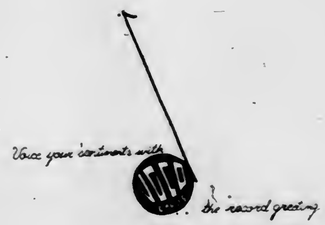
FOR PUBLICATIONS, AS PERSONAL SPIRITUAL LETTERS, ISSUED PERIODICALLY IN TWELVE MAILINGS OF FOUR COPIES IN EACH MAILING.
Claims use since March 1945.

Ser. No. 500,769. I. T. PUBLICATIONS LIMITED, London, England. Filed Apr. 23, 1946.

THE AMBASSADOR

FOR PERIODICAL PRINTED PUBLICATION.
Claims use since March 1946.

Ser. No. 502,450. ODYSSEY ENTERPRISES, New York, N. Y., assignor to Voco, Inc., New York, N. Y., a corporation of New York. Filed May 20, 1946.



Apart from their relation to the mark, the words "Cards" and "Record Greeting" are disclaimed.
FOR GREETING CARDS, INCLUDING GREETING CARDS WITH PHONOGRAPHIC RECORDS IMPRINTED OR OTHERWISE PROVIDED THEREON.
Claims use since Apr. 1, 1946.

Ser. No. 511,796. CONTINENTAL CAR-NA-VAR CORPORATION, Brazil, Ind. Filed Oct. 31, 1946.

FLOOR CRAFT

The word "Floor" is disclaimed apart from the mark.
FOR MONTHLY MAGAZINE.
Claims use since Apr. 1, 1939.

Ser. No. 512,301. JANET LAMAR WARFEL, Chicago, Ill. Filed Nov. 8, 1946.

THE CABBAGE AND ITS COUSINS

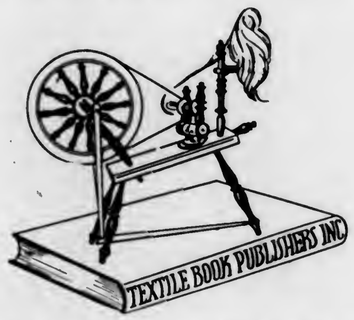
The word "Cabbage" is disclaimed apart from the mark as shown.
FOR PUBLICATIONS PUBLISHED FROM TIME TO TIME CONTAINING ARTICLES ON NUTRITION.
Claims use since Oct. 14, 1945.

Ser. No. 515,650. THE AMERICAN UNIVERSITIES MEDICAL RESEARCH PUBLICATIONS, INC., New York, N. Y. Filed Jan. 13, 1947.

INTERNATIONAL
WORLD WHO'S WHO

FOR PUBLICATION, PUBLISHED ONCE, OR IF NEEDED, SEVERAL TIMES, EVERY YEAR.
Claims use since Dec. 1, 1946.

Ser. No. 517,388. TEXTILE BOOK PUBLISHERS, INC., New York, N. Y. Filed Feb. 12, 1947.



The words "Textile Book Publishers Inc." and the representation of the book are disclaimed apart from the mark shown.
FOR BOOKS AND HAND BOOKS PUBLISHED AT IRREGULAR INTERVALS.
Claims use since Jan. 10, 1947.

Ser. No. 522,530. RICHARD WIRTZ EMERSON, Columbus, Ohio. Filed May 16, 1947.

CRONOS

FOR MAGAZINE.
Claims use since May 1, 1947.

CLASS 39
CLOTHING

Ser. No. 468,108. BROWN DURRELL CO., Boston, Mass., and New York, N. Y. Filed Mar. 9, 1944. Under section 5b of the act of 1905 as amended in 1920.

ForestMills

Applicant is the owner of trade-mark registration No. 223,889 effected under the 10-year proviso.
FOR POLO SHIRTS FOR MEN, WOMEN, BOYS, OR GIRLS, AND SLIPS.
Claims use since 1937 on polo shirts; and since 1941 on slips.

Ser. No. 509,228. FRED MALOOF COMPANY INC., New York, N. Y. Filed Sept. 17, 1946.

Malfred

FOR LADIES' AND MISSES' SLIPS, NIGHTGOWNS, PANTIES, NEGLIGEES, BLOUSES, DICKEYS, NECKWEAR COMPRISING COLLARS FOR LADIES' DRESSES, MEN'S AND LADIES' HANDKERCHIEFS, BABIES' AND INFANTS' WEAR COMPRISING DRESSES, BIBS, GERTRUDES, NIGHTGOWNS AND SLIPS, SWEATERS, BED JACKETS, AND PETTICOATS.
Claims use since Aug. 2, 1946.

Ser. No. 513,164. W. B. DAVIS & SON, INC., Fort Payne, Ala. Filed Nov. 25, 1946.

DAVISOX

FOR HOSIERY.
Claims use since Sept. 11, 1946.

Ser. No. 513,238. ANDRÉ S. DAVID, INC., New York, N. Y. Filed Nov. 26, 1946.

"The Wasp"

FOR GLOVES.
Claims use since Oct. 4, 1946.

Ser. No. 514,080. EVELYN WESTALL, doing business as Evelyn Westall Co., New York, N. Y. Filed Dec. 11, 1946.

"White Shoulders"

FOR NEGLIGEES, NIGHTGOWNS AND SLIPS.
Claims use since Dec. 4, 1946.

Ser. No. 517,578. LOU KUHN, INC., New York, N. Y. Filed Feb. 15, 1947.

RAINCHIEF

FOR RAINCOATS AND RAIN JACKETS.
Claims use since Jan. 23, 1947.

Ser. No. 524,107. BOND TRADING CO., New York, N. Y. Filed June 13, 1947.

Dippity Doo

FOR LADIES' HATS MADE OF FELT.
Claims use since May 12, 1947.

Ser. No. 524,185. HAT CORPORATION OF AMERICA, Norwalk, Conn. Filed June 14, 1947.

Traveler

FOR HATS FOR MEN AND HATS FOR WOMEN.
Claims use since July 20, 1925, on hats for men; and since about 1932 on hats for women.

CLASS 42
KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 509,229. FRED MALOOF COMPANY INC., New York, N. Y. Filed Sept. 17, 1946.

Malfred

FOR TABLECLOTHS, TABLE NAPKINS, TABLE SCARFS, TABLE RUNNERS, TEXTILE LUNCHEON AND DINNER SETS, DOILIES, TOWELS, AND PILLOW CASES.
Claims use since Aug. 2, 1946.

Ser. No. 517,597. SOUTH SEAS TRADING CORP., New York, N. Y. Filed Feb. 15, 1947.



The words "Borden Curtain Toppers" are disclaimed except in combination with the other features of the mark.
FOR WINDOW CURTAIN ACCESSORY SETS, CONSISTING OF MATCHING VALANCES AND TIEBACKS.
Claims use since Jan. 2, 1947.

Ser. No. 518,992. UNITED ELASTIC CORPORATION, Easthampton, Mass. Filed Mar. 13, 1947.

CHARMOSETTE

FOR WIDE ELASTIC WEBBING DESIGNED ESPECIALLY FOR USE IN CORSETS, GIRDLES, AND THE LIKE.
Claims use since Sept. 1, 1925.

Ser. No. 523,439. M. J. WHITTALL ASSOCIATES, INC., Worcester, Mass. Filed June 2, 1947. Under 10-year proviso as to "Whittall."

WHITTALL

BRENTON

The word "Whittall" has been used as a trade-mark by the applicant for ten years next preceding Feb. 20, 1905. Applicant owns Reg. No. 146,626, renewed. The word "Brenton" is disclaimed.
FOR CARPETS AND RUGS.
Claims use since Jan. 2, 1886, as to "Whittall"; and since May 1, 1936, to the mark as a whole.

Ser. No. 524,535. GREENBERG-KAHNER CO., New York, N. Y. Filed June 20, 1947.

A CURTRON PRODUCT

Applicant disclaims the words "A" and "Product."
FOR WINDOW CURTAINS, TABLECLOTHS, DRAPES, AND SHEETS, BEDSPREADS, QUILTS, AND BLANKETS.
Claims use since Feb. 25, 1946.

Ser. No. 525,788. CHARMETTE FABRICS COMPANY, INC., New York, N. Y. Filed July 3, 1947.

JIFFY JAMAS

The word "Jamas" is disclaimed apart from the mark as shown.
FOR TRICOT KNIT JERSIES IN THE PIECE MADE OF RAYON ALONE, OR IN ADMIXTURE WITH COTTON AND MERCERIZED COTTON.
Claims use since June 18, 1947.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 513,106. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio. Filed Nov. 23, 1946.

Koroseal

FOR FLEXIBLE PLASTIC TUBING FOR SURGICAL AND CLINICAL USE AS DRAINAGE TUBING, TRANSFUSION TUBING, CLINICAL LABORATORY TUBING, AND THE LIKE.
Claims use since December 1945.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 506,115. MACLEANS LABORATORIES, INC., Bloomfield, N. J. Filed July 23, 1946.

LUCOZATE

FOR CARBONATED FOOD BEVERAGE CONTAINING 25% DEXTROSE BY WEIGHT FOR SPECIAL DIETARY PURPOSES.
Claims use since June 10, 1946.

Ser. No. 507,665. THE VERMONT STORE, INC., Northampton, Mass. Filed Aug. 19, 1946.

COVERED BRIDGE

FOR MAPLE PRODUCTS—NAMELY, MAPLE SUGAR, MAPLE CREAM AND MAPLE SYRUP, AND MAPLE VINEGAR, AND ALSO FOR BONED CHICKEN IN CANS OR GLASS CONTAINERS.
Claims use since June 3, 1946.

Ser. No. 511,567. NATIONAL TEA CO., Chicago, Ill. Filed Oct. 26, 1946.

NATCO

Applicant is the owner of registration No. 428,490.
FOR DRY BREAKFAST FOODS—NAMELY, CORN FLAKES.
Claims use since Aug. 26, 1946.

Ser. No. 511,975. CLARK O. BATSON, Perkinston, Miss. Filed Nov. 4, 1946.

ZUTO

The drawing is lined for shading only. Applicant is the owner of Reg. No. 423,737.
FOR DAIRY FEED.
Claims use since October 1943.

Ser. No. 515,772. T. KONG LEE, doing business as Lee's Agency, San Francisco, Calif. Filed Jan. 15, 1947.

CHIN CH'U

新味厨金

The Chinese characters and words "Chin Ch'u" may be translated as the gold kitchen.
FOR FOOD SEASONING POWDER, COMPOSED OF MONOSODIUM GLUTAMATE, ARTIFICIAL FLAVOR DERIVED FROM VEGETABLE PROTEIN, SODIUM CHLORIDE, AND SUGAR.
Claims use since May 1, 1946.

Ser. No. 524,198. MINOT FOOD PACKERS, INC., Bridgeton, N. J. Filed June 14, 1947.



The representations of the four persons are fanciful.
FOR CRANBERRY SAUCE AND POTATO SALAD.
Claims use since Oct. 31, 1938.

CLASS 47

WINES

Ser. No. 484,612. BRAGNO & COMPANY, Chicago, Ill. Filed June 16, 1945.

Martha Washington

Applicant is the owner of Reg. No. 88,744 (renewed).
FOR WINES.
Claims use since June 1934.

Ser. No. 492,095. ROMA WINE COMPANY, New York, N. Y., and Fresno, Calif. Filed Nov. 23, 1945. Under 10-year proviso as to "Roma."

ROMA

The lining on the drawing is for shading only.
FOR WINES.
Claims use since 1890 as to "Roma"; since June 11, 1943, on design of the figure formed with the letter "R"; and since Oct. 17, 1944, on the mark as a whole.

CLASS 48

MALT BEVERAGES AND LIQUORS

Ser. No. 519,775. ROCHESTER BREWING COMPANY, INC., Rochester, N. Y. Filed Mar. 28, 1947.



The drawing is lined for the colors yellow and brown. Applicant disclaims all wording except "Topper" apart from the mark.
FOR BEER AND ALE.
Claims use since May 13, 1946.

ACT OF 1946

The following trade-marks are published in compliance with section 12(a) of the Trade-Mark Act of 1946. Notice of opposition under section 13 may be filed within thirty days of this publication. See Rules 20.1 to 20.5.
As provided by section 31 of said act, a fee of twenty-five dollars must accompany each notice of opposition.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 528,887. PETER BARAN & SONS, INC., Harrison, N. J. Filed July 18, 1947.



Applicant claims ownership of registration No. 319,487.
FOR LEATHER.
Claims use since Nov. 30, 1932.

CLASS 2

RECEPTACLES

Ser. No. 527,101. DILLMAN INDUSTRIES, INC., Memphis, Tenn. Filed July 5, 1947.



Applicant claims ownership of registration No. 379,830.
FOR SHIPPING CONTAINERS—TO-WIT, BOXES, MADE OF WOOD, VENEER, CORRUGATED BOARD, OR A COMBINATION OF CORRUGATED BOARD AND WOOD.
Claims use since Mar. 1, 1939.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 536,569. WESTVACO CHLORINE PRODUCTS CORPORATION, New York, N. Y., Carteret, N. J., South Charleston, W. Va., and Newark, Calif. Filed Oct. 2, 1947.

MORLAC

FOR CLEANING COMPOUND FOR DAIRY EQUIPMENT.
Claims use since June 2, 1947.

Ser. No. 536,570. WESTVACO CHLORINE PRODUCTS CORPORATION, New York, N. Y., Carteret, N. J., South Charleston, W. Va., and Newark, Calif. Filed Oct. 2, 1947.

LAXAN

FOR BOTTLE WASHING COMPOUND.
Claims use since June 2, 1947.

Ser. No. 537,306. FAMEX MFG. CO., Bay City, Mich. Filed Oct. 9, 1947.

FAMEX

FOR WINDOW CLEANING COMPOUND.
Claims use since Sept. 24, 1947.

CLASS 5

ADHESIVES

Ser. No. 530,855. CHAS. A. SCHIEREN COMPANY, New York, N. Y. Filed Aug. 8, 1947.



Applicant claims ownership of registration No. 117,610.
FOR ADHESIVE BELT-CEMENT.
Claims use since Mar. 1, 1907.

Ser. No. 532,939. KLEEN-STIK PRODUCTS, INC., Chicago, Ill. Filed Aug. 30, 1947. Under section 2f of the act of 1946.

Kleen-Stik

Applicant claims ownership of registration No. 327,591.
FOR ADHESIVE AND GUMMED TAPE.
Claims use since May 1, 1934.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 484,913. THE SHERWIN-WILLIAMS COMPANY, Cleveland, Ohio. Filed Aug. 22, 1947.

KARBAM

FOR INSECTICIDES AND FUNGICIDES.
Claims use since Apr. 25, 1945.

Ser. No. 504,138. WALKER VITAMIN PRODUCTS, INC., Mount Vernon, N. Y. Filed Aug. 20, 1947.

BIOFORMULA

FOR VITAMINS AND VITAMIN COMBINATIONS.
Claims use since June 1, 1946.

Ser. No. 507,188. THE KEY CITY GAS COMPANY, Dubuque, Iowa. Filed Oct. 11, 1947.

KEYGAS

No claim is made to the exclusive use of the word "Gas."
FOR LIQUID PETROLEUM GAS.
Claims use since July 1, 1946.

Ser. No. 509,338. GENERAL DYESTUFF CORPORATION, New York, N. Y. Filed July 14, 1947.

ANTHRAGEN

Applicant claims ownership of registrations Nos. 306,207 and 386,336.
FOR DYES AND DYESTUFFS.
Claims use since Aug. 27, 1946.

Ser. No. 511,617. S. C. JOHNSON & SON, INC., Racine, Wis. Filed July 7, 1947.

Primafresh

FOR WAX COMPOSITION FOR COATING THE EXTERIOR SURFACE OF FRUITS, VEGETABLES, AND OTHER EDIBLES TO IMPROVE APPEARANCE, REDUCE SHRINKAGE AND CONTAMINATION, RETAIN FRESHNESS AND OTHER QUALITIES LONGER, AND OTHER USES.
Claims use since July 19, 1946.

Ser. No. 511,954. THE NATIONAL DRUG COMPANY, Philadelphia, Pa. Filed Aug. 25, 1947.

ESTRONAT

FOR SOLUTION OF NATURAL ESTROGENIC HORMONE SUBSTANCE IN CORN OIL OR OTHER VEGETABLE OIL USED IN THE PREVENTION AND TREATMENT OF PATHOLOGICAL CONDITIONS CAUSED BY A DEFICIENCY IN ESTROGENIC HORMONES.
Claims use since Jan. 14, 1946.

Ser. No. 518,363. THE E. L. PATCH COMPANY, Stoneham, Mass. Filed Sept. 16, 1947.

LOZAMID

FOR MEDICATED TROCHE FOR THE TREATMENT OF ORAL AND LARYNGEAL INFECTIONS.
Claims use since September 1946.

Ser. No. 518,796. WALKER VITAMIN PRODUCTS, INC., Mount Vernon, N. Y. Filed Aug. 20, 1947.

PRECALCIN

FOR MEDICINAL CAPSULES CONTAINING DICALCIUM PHOSPHATE, BONE PHOSPHATE, MIXED VITAMINS, AND FERROUS GLUCONATE.
Claims use since Feb. 27, 1947.

Ser. No. 519,522. THE HARROWER LABORATORY, INC., Glendale, Calif. Filed Oct. 1, 1947.

ENFORBEC

FOR VITAMIN TABLETS, FOR USE IN THE TREATMENT OF DEFICIENCIES OF VITAMIN B-COMPLEX AND VITAMIN C.
Claims use since Mar. 3, 1947.

Ser. No. 526,741. CHURCH & DWIGHT CO., INC., New York, N. Y. Filed July 5, 1947.

ZENITH

Applicant claims ownership of registrations Nos. 29,168, 40,647, 47,448, 47,790, 57,849, and 29,367.
FOR BICARBONATE OF SODA.
Claims use since Oct. 14, 1896.

Ser. No. 526,801. CHURCH & DWIGHT CO., INC., New York, N. Y. Filed July 5, 1947.

LA VACA

Applicant claims ownership of registrations Nos. 46,902, 47,046, 142,960, and 257,768.
FOR SAL SODA, BAKING SODA, AND BICARBONATE OF SODA.
Claims use since Feb. 1, 1929.

Ser. No. 526,987. H. M. SINCLAIR, JR., Toledo, Ohio, trustee for The Sinclair Manufacturing Company. Filed July 5, 1947.

SUNRAE

Applicant claims ownership of registration No. 240,834.
FOR LIQUID CHEMICAL DEODORIZER, BLEACH, DISINFECTANT, AND STERILIZER.
Claims use since Oct. 15, 1929.

Ser. No. 527,986. E. S. MILLER LABORATORIES, INC., Los Angeles, Calif. Filed July 5, 1947.

MILU-B-COMPLEX

No claim is made to the term "B-Complex" apart from the mark as shown.
FOR VITAMIN B.
Claims use since June 26, 1947.

Ser. No. 528,507. THE OCCY-CRYSTINE CORPORATION, Salisbury, Conn., and New York, N. Y. Filed July 12, 1947.

Occy-Crystine

Applicant claims ownership of registration No. 248,095.
FOR PROPRIETARY MEDICINE, VIZ., A SALINE CATHARTIC, HYDROGOGUE IN CHARACTER.
Claims use since Dec. 10, 1927.

Ser. No. 529,119. U. S. VITAMIN CORPORATION, New York, N. Y. Filed July 21, 1947.

VIMINAL

Applicant claims ownership of registration No. 336,179.
FOR PREPARATION CONTAINING AMINO ACIDS, VITAMINS AND MINERALS FOR MEDICINAL CORRECTIVE AND NUTRITIONAL PURPOSES.
Claims use since May 1, 1947.

Ser. No. 537,180. MAURICE HANDMAN, doing business as Maurella Products Co., New York, N. Y. Filed Oct. 8, 1947.



FOR HAND AND BODY LOTIONS.
Claims use since Oct. 1, 1939.

Ser. No. 537,181. MAURICE HANDMAN, doing business as Maurella Products Co., New York, N. Y. Filed Oct. 8, 1947.



FOR COLOGNE.
Claims use since Oct. 1, 1939.

Ser. No. 537,182. MAURICE HANDMAN, doing business as Maurella Products Co., New York, N. Y. Filed Oct. 8, 1947.



FOR TALCUM POWDER.
Claims use since Oct. 1, 1939.

Ser. No. 537,183. MAURICE HANDMAN, doing business as Maurella Products Co., New York, N. Y. Filed Oct. 8, 1947.



FOR HAIR TONIC.
Claims use since Oct. 1, 1939.

Ser. No. 537,672. ESTON CHEMICALS, INC., Los Angeles, Calif. Filed Oct. 13, 1947.

TETRON

FOR INSECTICIDES.
Claims use since Sept. 19, 1947.

Ser. No. 538,282. HORTON & CONVERSE, Los Angeles, Calif. Filed Oct. 18, 1947.

EDGERS

FOR LOW CALORIC NUTRITIONAL SUPPLEMENT CONTAINING VITAMINS, MINERALS, AND PROTEINS.
Claims use since Apr. 18, 1946.

Ser. No. 538,752. THE GLESSNER COMPANY, Findlay, Ohio. Filed Oct. 23, 1947.

Glessco

Applicant claims ownership of registrations Nos. 50,020, 21,656, and 208,715.
FOR COUGH AND CROUP REMEDY.
Claims use since Oct. 1, 1889.

CLASS 8

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS

Ser. No. 527,323. M. LINKMAN & COMPANY, Chicago, Ill. Filed July 5, 1947. Under section 2f of the act of 1946.

DR. GRABOW

The mark is that of a living individual and consent is herewith. Applicant claims ownership of registration No. 288,512.
FOR SMOKING PIPES.
Claims use since Aug. 10, 1930.

Ser. No. 528,840. TUPPER CORPORATION, Farnumsville, Mass. Filed July 17, 1947.

Millionaire

FOR PLASTIC AND COMPOSITION CIGARET AND COMBINED CIGARET AND MATCH CASES SOLD EMPTY.
Claims use since Aug. 25, 1945.

CLASS 11

INKS AND INKING MATERIALS

Ser. No. 523,240. CODO MANUFACTURING CORP., Coraopolis, Pa., and Chicago, Ill. Filed Aug. 22, 1947.

CLEARTEX

FOR TYPEWRITER RIBBONS.
Claims use since 1928.

Ser. No. 530,083. INTERCHEMICAL CORPORATION, New York, N. Y. Filed July 31, 1947.



FOR TYPEWRITER RIBBON AND CARBON PAPER.
Claims use since June 25, 1947.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 527,145. SPENCER THERMOSTAT COMPANY, Attleboro, Mass. Filed July 5, 1947.

KLIXON

Applicant claims ownership of registration No. 204,291.
FOR WATER, STEAM AND GAS VALVES.
Claims use since May 9, 1925.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 528,244. ARBAL S. A., Lausanne, Switzerland. Filed July 10, 1947.

ARBAL

Applicant claims ownership of registration No. 110,073.
FOR RODS FOR WELDING AND SOLDERING ALUMINUM AND ITS ALLOYS, WELDED AND SOLDERED METAL PIECES.
Claims use since April 1945.

CLASS 17

TOBACCO PRODUCTS

Ser. No. 530,666. MEDALIST CO., INC., Passaic, N. J. Filed Aug. 6, 1947.

Finesse

FOR CIGARS.
Claims use since 1939.

Ser. No. 535,431. SCRANTON TOBACCO CO., INCORPORATED, Scranton, Pa. Filed Sept. 23, 1947.

STOCO

FOR CHEWING TOBACCO.
Claims use since 1920.

CLASS 19

VEHICLES

Ser. No. 529,841. UNIVERSAL METAL PRODUCTS CO., INC., New York, N. Y. Filed July 28, 1947.



FOR AUTOMOTIVE VEHICLE EQUIPMENT—NAMELY, SIDE AND REAR VIEW MIRRORS.
Claims use since July 7, 1947.

Ser. No. 531,289. AUTO FABRICS CORPORATION, Philadelphia, Pa. Filed Aug. 14, 1947.

afc Regency

FOR AUTOMOBILE SEAT COVERS.
Claims use since Oct. 15, 1946.

Ser. No. 531,352. MONARK SILVER KING, INC., Chicago, Ill. Filed Aug. 14, 1947.

GLIDER

FOR BICYCLES.
Claims use since May 21, 1947.

Ser. No. 531,760. ATLAS SUPPLY COMPANY, Newark, N. J. Filed Aug. 19, 1947.

ATSCO

FOR AUTOMOBILE SEAT COVERS.
Claims use since July 15, 1947.

Ser. No. 539,821. MONARK SILVER KING, INC., Chicago, Ill. Filed July 11, 1947.

TROPHY

Applicant claims ownership of registration No. 420,149.
FOR BICYCLES.
Claims use since July 2, 1945.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 511,611. HANSEN MANUFACTURING COMPANY, INCORPORATED, Princeton, Ind. Filed July 17, 1947.

SYNCHRON

FOR ELECTRICAL MOTORS.
Claims use since May 20, 1929.

Ser. No. 529,633. GLOBE-UNION INC., Milwaukee, Wis. Filed July 26, 1947.

HI-KAPS

FOR CERAMIC CAPACITORS.
Claims use since Dec. 16, 1946.

Ser. No. 529,709. ROME CABLE CORPORATION, Rome, N. Y. Filed July 26, 1947.

RoZone

FOR INSULATED ELECTRICAL CONDUCTORS, WIRES AND CABLES.
Claims use since March 1947.

Ser. No. 530,789. WATERS CONLEY COMPANY, Rochester, Minn. Filed Aug. 7, 1947.

Phonola

Applicant claims ownership of registration No. 230,647.
FOR ELECTRICAL PHONOGRAPHS.
Claims use since Apr. 16, 1926.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 525,653. THOMAS W. MESSICK, doing business as Tom Bait Company, Mattoon, Ill. Filed July 5, 1947.

GIZMO

FOR ARTIFICIAL FISHING BAIT.
Claims use since Apr. 12, 1947.

Ser. No. 528,121. BERT J. BRATT, doing business as Polygon, Chicago, Ill. Filed July 8, 1947.



FOR GAMES OF THE TYPE THAT COMPRISES A PLAYING BOARD AND MEN THAT ARE MOVABLE OVER THE BOARD AS DETERMINED BY DICE THROWING.
Claims use since Dec. 31, 1940.

Ser. No. 529,313. ROBERT C. SHIPLEY, doing business as R. C. Shipley Manufacturing Company, Kalamazoo, Mich. Filed July 23, 1947.

Roto-Score

FOR CRIBBAGE SCORE BOARDS.
Claims use since June 15, 1944.

Ser. No. 529,524. SOUTHWEST MANUFACTURING COMPANY, Little Rock, Ark. Filed July 18, 1947.

CLIPPER

FOR BASEBALL AND SOFTBALL BATS.
Claims use since Sept. 1, 1946.

Ser. No. 530,813. B. F. GLADDING & Co. INC., South Otselic, N. Y. Filed Aug. 8, 1947.

LANCE

FOR FISHING LINES.
Claims use since 1931.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 539,797. PLOMB TOOL COMPANY, Los Angeles, Calif. Filed Jan. 24, 1948.

PƟMLƟY TƟƟLS

No claim is made to the word "Tools" apart from the mark.
FOR PLIERS, END WRENCHES, AND SOCKETS.
Claims use since Jan. 19, 1948.

Ser. No. 539,799. PLOMB TOOL COMPANY, Los Angeles, Calif. Filed Jan. 24, 1948.

PRIMALƟY TƟƟLS

No claim is made to the words "Tools" apart from the mark.
FOR PLIERS, END WRENCHES, AND SOCKETS.
Claims use since Jan. 19, 1948.

Ser. No. 539,800. PLOMB TOOL COMPANY, Los Angeles, Calif. Filed Jan. 24, 1948.

PRƟLƟY TƟƟLS

No claim is made to the word "Tools" apart from the mark.
FOR PLIERS, END WRENCHES, AND SOCKETS.
Claims use since Jan. 19, 1948.

Ser. No. 540,007. PLOMB TOOL COMPANY, Los Angeles, Calif. Filed Feb. 2, 1948.

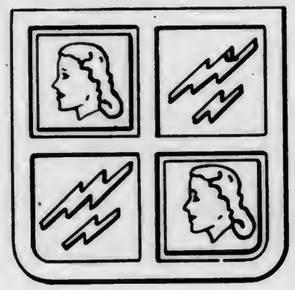
PRƟLINE

FOR WRENCHES—NAMELY, PLIERS, END WRENCHES, AND SOCKETS.
Claims use since Jan. 23, 1948.

CLASS 24

LAUNDRY APPLIANCES AND MACHINES

Ser. No. 529,360. CHICAGO ELECTRIC MANUFACTURING COMPANY, Chicago, Ill. Filed July 24, 1947.



FOR ELECTRIC LAUNDRY WASHERS.
Claims use since October 1946.

Ser. No. 530,339. SCHLUETER MANUFACTURING CO., St. Louis, Mo. Filed Aug. 2, 1947.



The drawing is lined for the color red. Applicant claims ownership of registration No. 174,711.
FOR WASH BOILERS AND WASH TUBS.
Claims use since March 1915.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 530,202. ILG ELECTRIC VENTILATING COMPANY, Chicago, Ill. Filed Aug. 1, 1947. Under section 2f of the act of 1946.



Applicant claims ownership of registration No. 134,976.
FOR SELF-COOLED MOTOR PROPELLER FANS, BLOWERS, AIR CONDITIONING APPARATUS, UNIT HEATERS, AND UNIT COOLERS.
Claims use since Oct. 1, 1910.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 485,595. PENNSYLVANIA RUBBER COMPANY, Jeannette, Pa. Filed Aug. 22, 1947. Under section 2f of the act of 1946.

PENNSYLVANIA

Applicant claims ownership of registrations Nos. 320,845 and 266,922.
FOR PNEUMATIC RUBBER INNER TUBES, PNEUMATIC TIRES AND THE FOLLOWING TIRE REPAIR MATERIALS: CAMELBACK, TUBE REPAIR GUM, CUSHION GUM, TREAD GUM, REPAIR FABRIC, PADDING STOCK, REPAIR PATCHES, AND STRIPPING STOCK.
Claims use on pneumatic rubber inner tubes since 1900; on pneumatic tires since 1900; on camelback since February 1942; on tube repair gum since July 1942; on cushion gum since July 1942; on tread gum since July 1942; on repair fabric since July 1942; on padding stock since October 1944; on repair patches since November 1944; and on stripping stock since June 1945.

Ser. No. 511,589. THE BASSICK COMPANY, Bridgeport, Conn. Filed Aug. 13, 1947.

FLOATREAD

Applicant disclaims the portion "Tread" of the mark when used otherwise than as disclosed.
FOR VEHICLE TIRES OF ELASTIC PLASTIC MATERIAL.
Claims use since Sept. 10, 1946.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Ser. No. 506,968. SCHULMERICH ELECTRONICS, INC., Sellersville, Pa. Filed Feb. 5, 1948. Under section 2f of the act of 1946.

CARILLONIC BELLS

FOR ELECTRICALLY OPERATED CARILLONS OR CHIMES.
Claims use since January 1941.

CLASS 37

PAPER AND STATIONERY

Ser. No. 526,585. THE CONKLIN PEN COMPANY, INC., Chicago, Ill. Filed July 5, 1947. Under section 2f of the act of 1946.

Conklin

Applicant claims ownership of registrations Nos. 138,382, 147,763, 160,768, and 220,612.
FOR FOUNTAIN PENS, FOUNTAIN PEN PARTS, PENCILS AND PARTS THEREOF, AND FOUNTAIN PEN AND PENCIL SETS.
Claims use since 1898 on fountain pens and fountain pen parts; and since October 1920 on pencils and parts thereof, and fountain pen and pencil sets.

Ser. No. 526,653. W. J. BRADFORD PAPER CO., Chicago, Ill. Filed July 5, 1947. Under section 2f of the act of 1946.

Wedg-Loc

Applicant claims ownership of registration No. 367,909.
FOR PAPER BOX PARTITIONS.
Claims use since Apr. 12, 1938.

Ser. No. 527,244. CONSOLIDATED WATER POWER & PAPER COMPANY, Wisconsin Rapids, Wis. Filed July 5, 1947.

CONSOLIDATED WATER POWER & PAPER COMPANY

The words "Paper" and "Company" are disclaimed.
Applicant claims ownership of registration No. 388,396.
FOR COATED AND UNCOATED PAPER FOR PRINTING PURPOSES AND PAPER BOARD.
Claims use since June 1904 on coated and uncoated paper; and since Sept. 27, 1917 on paperboard.

Ser. No. 527,923. TALON, INC., Meadville, Pa. Filed July 5, 1947.

TALON

Applicant claims ownership of registrations Nos. 243,746, 250,113, 270,090, 270,773, 271,179, 271,679, 273,995, 319,009 and 415,418.
FOR NOTEBOOKS OF THE LOOSE LEAF RING BINDER TYPE.
Claims use since July 1 1947.

Ser. No. 528,106. TRANSO ENVELOPE COMPANY, Chicago, Ill. Filed July 8, 1947.

Trans-O-plain

Applicant disclaims the word "Plain" apart from the mark. Applicant claims ownership of registrations Nos. 253,871 and 228,598.
FOR CORRESPONDENCE ENVELOPES.
Claims use since 1927.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 526,631. FRANCIS L. DUFFY, Pontiac, Ill. Filed July 5, 1947.



FOR NEWSPAPER COLUMN.
Claims use since Aug. 23, 1945.

Ser. No. 528,022. THE AMERICAN ROLLING MILL COMPANY, Middletown, Ohio. Filed July 5, 1947.

ARMCO

Applicant claims ownership of registration No. 142,918.
FOR TRADE AND TECHNICAL PUBLICATIONS PUBLISHED FROM TIME TO TIME.
Claims use since October 1914.

Ser. No. 531,171. THE AMERICAN ROLLING MILL COMPANY, Middletown, Ohio. Filed July 5, 1947.



Applicant claims ownership of registration No. 142,918.
FOR TRADE AND TECHNICAL PUBLICATIONS PUBLISHED FROM TIME TO TIME.
Claims use since October 1914.

CLASS 39

CLOTHING

Ser. No. 529,274. KNOTHE BROTHERS CO. INC., New York, N. Y. Filed July 23, 1947.

CHAMONETTE

Applicant claims ownership of registration No. 262,280.
FOR MEN'S AND BOYS' PAJAMAS, TEXTILE UNDERWEAR, AND NEGLIGEE AND DRESS SHIRTS.
Claims use since May 1928.

Ser. No. 530,471. COULSON HEEL COMPANY, INC., Hanover, Pa. Filed Aug. 5, 1947.

JIFFY-ON

Applicant claims ownership of registration No. 170,731.
FOR LEATHER HEELS, INNERSOLES, AND COUNTERS.
Claims use since May 20, 1920.

Ser. No. 532,558. BUSCARLET GLOVE COMPANY, INC., New York, N. Y. Filed Aug. 27, 1947. Under section 2f of the act of 1946.

FACILAV

Applicant claims ownership of registration No. 258,650.
FOR LEATHER GLOVES.
Claims use since Jan. 1, 1929.

Ser. No. 532,854. MOJUD HOSIERY CO., INC., Long Island City, N. Y. Filed Aug. 29, 1947.

MOJUD *the dependable* ·LINGERIE·

The words "The Dependable Lingerie" are disclaimed apart from the mark as shown. Applicant claims ownership of registrations Nos. 158,032, 411,467 and 422,789.
FOR SLIPS.
Claims use since Aug. 22, 1947.

Ser. No. 533,565. P. H. HANES KNITTING COMPANY, Winston-Salem, N. C. Filed Sept. 5, 1947.



The drawing is lined for the color green. The mark is a representation of a fig leaf. Applicant claims ownership of registration No. 177,501.
FOR KNIT AND WOVEN UNDERWEAR FOR MEN, WOMEN, AND CHILDREN, AND CHILDREN'S SLEEPERS.
Claims use since Sept. 18, 1943.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 534,588. AMERICAN GLOSSITE CO., INC., Putnam, Conn. Filed Sept. 16, 1947.

PERLETTE

FOR HAT BRAIDS MADE OF STRAW AND SYNTHETIC STRAW.
Claims use since May 29, 1947.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 509,845. HOLLAND-RANTOS COMPANY, INC., New York, N. Y. Filed Sept. 11, 1947.

FLOTEX

FOR WATERPROOF RUBBERIZED TEXTILE SHEETING, SOLD IN THE PIECE FOR USE ON MATTRESSES FOR CRIBS, CARRIAGES, BEDS, AND FOR OTHER HOME USES.
Claims use since September 1943.

Ser. No. 526,527. SEYMOUR WOOLEN MILLS, Seymour, Ind. Filed July 5, 1947. Under section 2f of the act of 1946.

SUMMERLIGHT

FOR BLANKETS.
Claims use since Apr. 9, 1938.

Ser. No. 531,919. KEMPER FABRICS CO., INC., New York, N. Y. Filed Aug. 20, 1947.

CRUISE TIME

The word "Cruise" is disclaimed.
FOR TEXTILE FABRICS IN THE PIECE OF COTTON, RAYON, PROTEIN FIBRES AND MIXTURES THEREOF.
Claims use since Sept. 1, 1938.

Ser. No. 532,334. ARTHUR E. NEUMANN, Chicago, Ill. Filed Aug. 25, 1947.

FIREFLY

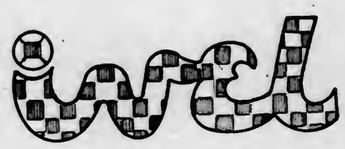
FOR SILK, COTTON, NYLON, RAYON AND WOOL AND MIXTURES THEREOF IN PIECE GOODS.
Claims use since Aug. 15, 1947.

Ser. No. 532,843. MARSHALL FIELD & COMPANY, Chicago, Ill. Filed Aug. 29, 1947.

Fieldcrest

Applicant claims ownership of registration No. 395,421.
FOR BED SHEETS AND SHEETING IN THE PIECE; PILLOW CASES AND TUBING; BLANKETS, BEDSPREADS AND BED DRAPES; BATH, HAND AND DISH TOWELS AND TOWELING IN THE PIECE; WASH CLOTHS AND WIPING CLOTHS; BATH MATS; RUGS AND CARPETING; WINDOW CURTAINS AND CURTAINING SOLD IN THE PIECE, MADE OF COTTON AND/OR RAYON; WINDOW DRAPES; TABLE CLOTHS, MATS AND DOILIES; CHAIR TIDIES, AND TEXTILE FABRICS OF COTTON, WOOL AND RAYON AND MIXTURES THEREOF IN THE PIECE.
Claims use since Dec. 15, 1918.

Ser. No. 533,327. BERT LEVI, New York, N. Y. Filed Sept. 4, 1947.



The drawing is lined for the color red. Applicant claims ownership of registration No. 424,810.
FOR COTTON AND RAYON PIECE GOODS.
Claims use since Apr. 12, 1943.

CLASS 43

THREAD AND YARN

Ser. No. 534,029. THE LINEN THREAD CO., INC., New York, N. Y. Filed Sept. 10, 1947.

VARICK

FOR THREAD.
Claims use since 1931.

Ser. No. 534,033. THE LINEN THREAD CO., INC., New York, N. Y. Filed Sept. 10, 1947.

RED HAND

FOR THREAD.
Claims use since January 1925.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 533,789. BURTON SKILES, Hollywood, Calif. Filed Sept. 8, 1947.

Relaxacizor

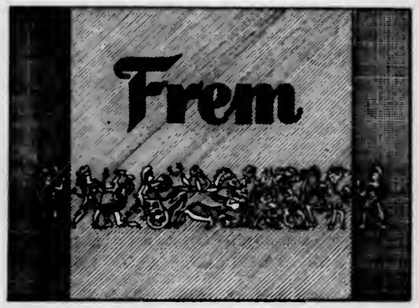
FOR ELECTRICAL DEVICES USED IN MUSCULAR EXERCISING BY MEANS OF INTERRUPTED ELECTRIC CURRENTS.
Claims use since Dec. 1, 1946.

Ser. No. 533,902. THE KENDALL COMPANY, Boston, Mass. Filed Sept. 9, 1947. Under section 2f of the act of 1946.

WET-PRUF

Applicant claims ownership of registration No. 330,968.
FOR SURGICAL ADHESIVE TAPE.
Claims use since Oct. 22, 1934.

Ser. No. 536,477. YOUNGS RUBBER CORPORATION, New York, N. Y. Filed Oct. 1, 1947.



The drawing is lined to denote the colors black and brown, which colors constitute essential features of the mark.
FOR PROPHYLACTIC RUBBER ARTICLES FOR THE PREVENTION OF CONTAGIOUS DISEASES.
Claims use since May 31, 1947.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 524,308. EDWARDS PACKING COMPANY, Lakeland, Fla. Filed Oct. 30, 1947.

BLUE DAWN

FOR FRESH CITRUS FRUITS.
Claims use since September 1937.

Ser. No. 527,662. THE WHEATENA CORPORATION, Rahway, N. J. Filed July 5, 1947.



The drawing is lined for the colors blue and yellow. No claim is made to the exclusive use of the representation of a yellow background apart from the mark. Applicant claims ownership of registrations Nos. 53,025 and 285,917.
FOR WHEAT BREAKFAST FOOD.
Claims use since Jan. 1, 1905.

Ser. No. 528,206. THE GREAT AMERICAN TEA COMPANY, New York, N. Y. Filed July 9, 1947.

AMERT

Applicant claims ownership of registrations Nos. 215,009 and 307,357.
FOR COFFEE.
Claims use since Jan. 12, 1926.

Ser. No. 528,470. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed July 12, 1947.

YUKON CLUB

Applicant claims ownership of registration No. 307,957.
FOR QUICK FROZEN STRAWBERRIES, PEAS, AND APPLES.
Claims use since June 30, 1947.

Ser. No. 528,471. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed July 12, 1947.

IONA

Applicant claims ownership of registrations Nos. 140,393, 140,394, 279,559, and 319,630.
FOR CANNED CORN, TOMATOES, PEARS, BEETS, PEACHES, SUCCOTASH, LIMA BEANS, GREEN BEANS, COCOA, SALAD DRESSING, VANILLA FLAVORING FOR FOOD PURPOSES AND TABLE SYRUP.
Claims use on canned corn, tomatoes, pears, beets, peaches, succotash, lima beans and green beans since 1900; on cocoa since May 31, 1932; on salad dressing since June 13, 1934; on vanilla flavoring since June 1940; and on syrup since September 1945.

Ser. No. 528,861. THE GREAT AMERICAN TEA COMPANY, New York, N. Y. Filed July 18, 1947.

Golden Key

Applicant claims ownership of registrations Nos. 69,037 and 207,955.
FOR MARSHMALLOW CREAM; VANILLA EXTRACT FOR FOOD FLAVORING PURPOSES; TEA PUT UP IN BALL-SHAPED CONTAINERS; AND SPICES—NAMELY, WHOLE MUSTARD SEEDS, CLOVES, ALLSPICE AND BLACK PEPPER.
Claims use since January 1906 on tea; since Aug. 28, 1924, on marshmallow cream; since Sept. 2, 1924, on vanilla; and since Oct. 1, 1924, on spices.

CLASS 55

SERVICES

Ser. No. 526,814. NORBERT JAY, New York, N. Y. Filed July 5, 1947.



FOR PACKAGE AND PRODUCT DESIGNING.
Claims use since Jan. 1, 1928.

TRADE-MARK REGISTRATIONS GRANTED

ACT OF 1905

MARCH 30, 1948

437,512. DENTURE ACRYLIC MATERIAL. THE MOTLOID COMPANY, Chicago, Ill.
Filed September 13, 1943. Serial No. 463,382. PUBLISHED NOVEMBER 30, 1943. Class 44.

437,513. ABRASIVE FIRED CERAMIC GRAINS AND POWDERS. UNITED STATES QUARRY TILE COMPANY, Canton and East Sparta, Ohio, and Parkersburg, W. Va.
Filed October 27, 1943. Serial No. 464,456. PUBLISHED DECEMBER 16, 1947. Class 4.

437,514. QUATERNARY AMMONIUM ANTISEPTIC COMPOUND FOR PHARMACEUTICAL PURPOSES. ONYX OIL & CHEMICAL COMPANY, Jersey City, N. J.
Filed January 4, 1944. Serial No. 466,309. PUBLISHED MARCH 14, 1944. Class 6.

437,515. INSECTICIDAL COMPOSITION CONSISTING ESSENTIALLY OF TRI-CALCIUM ARSENATE AND BASIC COPPER SULFATES AND BASIC COPPER CHLORIDES FOR USE AS A SPRAY OR DUST ON PLANTS HAVING HARDY FOLIAGE, SUCH AS POTATOES. NIAGARA SPRAYER AND CHEMICAL CO., INC., Middleport, N. Y.
Filed July 19, 1944. Serial No. 472,397. PUBLISHED DECEMBER 16, 1947. Class 6.

437,516. WOMEN'S HOSIERY. JULIUS KAYSER & CO., New York, N. Y.
Filed November 14, 1944. Serial No. 476,436. PUBLISHED FEBRUARY 26, 1946. Class 39.

437,517. KITCHEN UTENSILS AND CONTAINERS—TO WIT, SAUCEPANS, SAUCEPOTS (CASSEROLE), PRESERVING KETTLES, DOUBLE BOILERS, SKILLETS, MIXING BOWLS, BOWLS (DISH PAN), UTILITY BOWLS, AND COVERS THEREFOR, ALL MADE OF BASE METAL. RICHARD W. LEWIS, doing business as Stainless Ware Company of America, Detroit, Mich.
Filed January 8, 1945. Serial No. 478,398. PUBLISHED JANUARY 6, 1948. Class 13.

437,518. RUG SHAMPOO. MURRAY L. SCHUSTER, doing business as United Sanitary Chemicals Company, Baltimore, Md.
Filed June 15, 1945. Serial No. 484,595. PUBLISHED DECEMBER 16, 1947. Class 4.

437,519. LIPSTICKS. LEHN & FINK PRODUCTS CORPORATION, Bloomfield, N. J.
Filed June 23, 1945. Serial No. 484,960. PUBLISHED DECEMBER 23, 1947. Class 6.

437,520. WOMEN'S, MISSES' AND GIRLS' UNDERWEAR, FOUNDATION GARMENTS, NIGHTGOWNS, PAJAMAS, PANTIES, CHEMISES, DANCE SETS, PETTICOATS, BRASSIÈRES, GIRDLES, AND PANTY GIRDLES. LAUREL INTIMATES, INC., New York, N. Y.
Filed July 19, 1945. Serial No. 486,000. PUBLISHED MAY 27, 1947. Class 39.

437,521. COTTON PIECE GOODS TREATED TO RENDER THE SAME WEATHER RESISTANT. RIVERSIDE & DAN RIVER COTTON MILLS, INC., Danville, Va., now by change of name to Dan River Mills Incorporated.
Filed July 21, 1945. Serial No. 486,119. PUBLISHED JANUARY 13, 1948. Class 42.

437,522. EARRINGS. JUDITH MCCANN, doing business as Wingback Company, New York, N. Y.
Filed August 22, 1945. Serial No. 487,426. PUBLISHED DECEMBER 23, 1947. Class 28.

437,523. OIL LAMPS. RUBICON, doing business as The Antique Shoppe, New York, N. Y., assignor to Rubicon, Inc., New York, N. Y.
Filed September 14, 1945. Serial No. 488,480. PUBLISHED DECEMBER 16, 1947. Class 34.

437,524. CAULIFLOWER SEEDS. GERMAIN SEED AND PLANT CO., Los Angeles, Calif.
Filed October 1, 1945. Serial No. 489,215. PUBLISHED DECEMBER 16, 1947. Class 1.

437,525. BEDROOM FURNITURE—NAMELY, FITTED WARDROBES, CHESTS OF DRAWERS, DRESSING TABLES, HEAD BOARDS FOR BEDS, FOOT BOARDS FOR BEDS, ETC. COMPACTOM LIMITED, London, England.
Filed October 4, 1945. Serial No. 489,390. PUBLISHED JANUARY 6, 1948. Class 32.

437,526. TOILET SOAPS. CHARLES OF THE RITZ, INC., New York, N. Y.
Filed October 5, 1945. Serial No. 489,441. PUBLISHED DECEMBER 9, 1947. Class 4.

437,527. ROLLER SKATING SHOES AND ICE SKATING SHOES. L. N. SCHWARTZ & SONS, INC., Philadelphia, Pa.
Filed October 22, 1945. Serial No. 490,332. PUBLISHED DECEMBER 23, 1947. Class 39.

437,528. LIPSTICKS, LIP PENCILS, ROUGE, NAIL POLISH, TOILET WATER, FACE, DUSTING AND TALCUM POWDERS, AND FACE AND BODY CREAMS AND LOTIONS. ELIZABETH ARDEN SALES CORPORATION, New York, N. Y.
Filed November 21, 1945. Serial No. 491,946. PUBLISHED DECEMBER 16, 1947. Class 6.

437,529. HOSIERY. JULIUS KAYSER & CO., New York, N. Y.
Filed December 5, 1945. Serial No. 492,712. PUBLISHED JANUARY 6, 1948. Class 39.

437,530. MEN'S AND BOYS' SHOES AND SLIPPERS MADE OF LEATHER, CANVAS, FABRIC, IMITATION LEATHERS OR COMPOSITIONS AND COMBINATIONS THEREOF. DESCO SHOE CORPORATION, Long Island City and New York, N. Y.
Filed December 11, 1945. Serial No. 493,050. PUBLISHED JANUARY 6, 1948. Class 39.

437,531. MATTRESSES, CRIBS, CHILDREN'S PLAYPENS, CRIB AND COT PADS, HIGH-CHAIRS, BASSINETTES, PADDED TOILET SEAT COVERS FOR NURSERY USE, AND CRIB BUMPERS. NATIONAL MATTRESS COMPANY, Huntington, W. Va.
Filed December 17, 1945. Serial No. 493,448. PUBLISHED JANUARY 6, 1948. Class 32.

437,532. LAMP TABLES, COCKTAIL AND COFFEE TABLES, AND CORNER SHELVES. REGAL PLASTIC COMPANY, Kansas City, Mo.
Filed December 18, 1945. Serial No. 493,512. PUBLISHED JANUARY 6, 1948. Class 32.

437,533. NURSING UNITS AND PARTS THEREOF COMPRISING MILK OR FORMULA CONTAINERS, BOTH OF RIGID AND PLIABLE MATERIAL, NECK RINGS FOR SAID CONTAINERS, AND NURSING NIPPLES THEREFOR, ALL FOR USE IN THE FEEDING OF INFANTS. DISPOSABLE BOTTLE CORPORATION, Washington, D. C.
Filed December 21, 1945. Serial No. 493,668. PUBLISHED DECEMBER 23, 1947. Class 44.

437,534. SOLVENT LIQUID PREPARATIONS FOR DISSOLVING SLUDGE IN OIL TANKS. PETROLEUM LABORATORIES, Long Island City, N. Y.
Filed January 5, 1946. Serial No. 494,357. PUBLISHED DECEMBER 23, 1947. Class 6.

437,535. LADIES' GIRDLES AND PANTIE GIRDLES. FREEMAN MANUFACTURING COMPANY, Sturgis, Mich.
Filed January 9, 1946. Serial No. 494,496. PUBLISHED JANUARY 6, 1948. Class 39.

437,536. PICTURES OF BIBLICAL SCENES, PICTURES OF BIBLICAL FIGURES SUITED TO BE CUT OUT AND APPLIED TO BIBLICAL SCENES, AND STORIES DESCRIPTIVE OF SUCH SCENES, SOLD AS A UNIT. LEOTA J. THOMAS, Detroit, Mich.
Filed January 12, 1946. Serial No. 494,723. PUBLISHED DECEMBER 23, 1947. Class 38.

437,537. HEATERS FOR INTERNAL COMBUSTION ENGINES, ETC. C. M. KIMBERLIN, Spokane, Wash., assignor to Red Ball Manufacturing Company, Spokane, Wash., a corporation of Washington.
Filed January 29, 1946. Serial No. 495,609. PUBLISHED DECEMBER 16, 1947. Class 34.

437,538. PERIODICAL. FRANKIE SABAS, Lansford, Pa.
Filed January 29, 1946. Serial No. 495,628. PUBLISHED DECEMBER 23, 1947. Class 38.

437,539. COMPOSITION CORK IN THE FORM OF BARS, TUBES, SLABS AND SHEETS FOR USE FOR VARIOUS PURPOSES IN THE INDUSTRIAL ARTS. BOND CROWN & CORK COMPANY, Wilmington, Del.
Filed February 8, 1946. Serial No. 496,195. PUBLISHED DECEMBER 16, 1947. Class 1.

437,540. FLOWER SEEDS—NAMELY, WHITE AND YELLOW SNAPDRAGON SEEDS. JUNGLEWOOD, INC., Mount Morrison, Colo.
Filed February 11, 1946. Serial No. 496,386. PUBLISHED DECEMBER 16, 1947. Class 1.

437,541. UNFINISHED SMALL MOLDED METAL PARTS. AMERICAN ELECTRO METAL CORPORATION, Yonkers, N. Y.
Filed February 12, 1946. Serial No. 496,417. PUBLISHED DECEMBER 23, 1947. Class 14.

437,542. HAND LOTION. WILLIAM EDWARD RIDER, doing business as Riders, Ltd., North Hollywood, Calif.
Filed February 18, 1946. Serial No. 496,861. PUBLISHED JANUARY 6, 1948. Class 6.

437,543. ELASTIC CORSET FABRIC IN THE PIECE. ARCHER RUBBER COMPANY, Milford, Mass.
Filed February 20, 1946. Serial No. 496,945. PUBLISHED JANUARY 6, 1948. Class 42.

437,544. PERFUMES, TOILET WATERS, ROUGE, LIPSTICK, AND FACE CREAMS. ROBERT JEAN PASCAL LORRIAUX, Paris, France.
Filed February 26, 1946. Serial No. 497,257. PUBLISHED JANUARY 6, 1948. Class 6.

437,545. ELASTIC CORSET FABRIC IN THE PIECE. ARCHER RUBBER COMPANY, Milford, Mass.
Filed March 1, 1946. Serial No. 497,442. PUBLISHED JANUARY 6, 1948. Class 42.

437,546. SEED CORN. J. I. AND C. V. SIMPSON, Waterville, Minn.
Filed March 2, 1946. Serial No. 497,573. PUBLISHED DECEMBER 16, 1947. Class 1.

437,547. TEXTILE FABRICS MADE OF CELLULOSE ACETATE TYPE YARNS AND VISCOSE OR REGENERATED CELLULOSE (RAYON) YARNS, ALONE AND IN ADMIXTURE WITH EACH OTHER AND IN ADMIXTURE WITH COTTON, WOOL, OR SILK. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed March 5, 1946. Serial No. 497,646. PUBLISHED JANUARY 6, 1948. Class 42.

437,548. PERFUME, COLOGNE, AND TOILET WATER. DERMETICS, INC., New York, N. Y.
Filed March 6, 1946. Serial No. 497,706. PUBLISHED MARCH 18, 1947. Class 6.

437,549. DEGREASERS, AND DETERGENT-TYPE POLISHES FOR TILE, PORCELAIN, REFRIGERATORS, RANGES, AND THE LIKE. INTERCHEMICAL CORPORATION, New York, N. Y.
Filed March 11, 1946. Serial No. 498,010. PUBLISHED DECEMBER 23, 1947. Class 4.

437,550. NATURAL FERNS. JOHN MASEK, doing business as John's, Apopka, Fla.
Filed March 12, 1946. Serial No. 498,068. PUBLISHED DECEMBER 9, 1947. Class 1.

437,551. LIQUID PREPARATION FOR THE TREATMENT OF RINGWORM, TOE ITCH AND ATHLETE'S FOOT, AND TO ALLAY EXCESSIVE PERSPIRATION. WILLIAM H. HOUSER, doing business as H & H Drug Products Co., Cherryville, N. C.
Filed March 25, 1946. Serial No. 498,898. PUBLISHED DECEMBER 23, 1947. Class 6.

437,552. WATCHES AND PARTS THEREOF. PARKER WATCH COMPANY, New York, N. Y.
Filed March 29, 1946. Serial No. 499,267. PUBLISHED DECEMBER 23, 1947. Class 27.

437,553. WATCHES AND PARTS THEREOF. PARKER WATCH COMPANY, New York, N. Y.
Filed March 29, 1946. Serial No. 499,268. PUBLISHED DECEMBER 23, 1947. Class 27.

437,554. WATCHES AND PARTS THEREOF. PARKER WATCH COMPANY, New York, N. Y.
Filed March 29, 1946. Serial No. 499,269. PUBLISHED DECEMBER 23, 1947. Class 27.

437,555. WATCHES AND PARTS THEREOF. PARKER WATCH COMPANY, New York, N. Y.
Filed March 29, 1946. Serial No. 499,270. PUBLISHED DECEMBER 23, 1947. Class 27.

437,556. TOILET SOAP AND LAUNDRY SOAP. CONSOLIDATED COSMETICS, Chicago, Ill.
Filed March 30, 1946. Serial No. 499,316. PUBLISHED DECEMBER 9, 1947. Class 4.

437,557. VENTILATING FAN UNITS CONSISTING OF AXIAL FLOW FANS MOUNTED IN A HOUSING. AMERICAN MACHINE AND METALS, INC., New York, N. Y.
Filed April 10, 1946. Serial No. 499,936. PUBLISHED DECEMBER 16, 1947. Class 34.

437,558. GENERAL PURPOSE CLEANING AND SANITIZING COMPOUND HAVING INCIDENTAL DEODORANT PROPERTIES. ROY W. ARMOUR, doing business as Chemical Process & Engineering Co., Los Angeles, Calif.
Filed April 15, 1946. Serial No. 500,200. PUBLISHED DECEMBER 16, 1947. Class 4.

437,559. GENERAL PURPOSE CLEANING AND SANITIZING COMPOUND HAVING INCIDENTAL DEODORANT PROPERTIES. ROY W. ARMOUR, doing business as Chemical Process & Engineering Co., Los Angeles, Calif.
Filed April 15, 1946. Serial No. 500,201. PUBLISHED DECEMBER 16, 1947. Class 4.

437,560. MANUALLY-OPERABLE MECHANICAL TOY ANIMALS AND FIGURES. KIB-ITZ TOY MANUFACTURING COMPANY, Pittsburgh, Pa.
Filed April 16, 1946. Serial No. 500,309. PUBLISHED OCTOBER 28, 1947. Class 22.

437,561. GRIDDLES MADE OF MAGNESIUM. THE DOW CHEMICAL COMPANY, Midland, Mich., now by merger The Dow Chemical Company, a corporation of Delaware.
Filed April 18, 1946. Serial No. 500,463. PUBLISHED DECEMBER 23, 1947. Class 13.

437,562. PERFUMES, TOILET WATERS AND COLOGNES, FACE AND HAND CREAMS AND LOTIONS, POWDER, LIPSTICK, ROUGE, NAIL POLISH, NAIL POLISH REMOVER, LEG MAKE-UP, SUNTAN OIL, AND BRILLIANTINE. LES LABORATOIRES DE LA JEUNESSE, S. A. R. L., Paris, France.
Filed April 22, 1946. Serial No. 500,673. PUBLISHED DECEMBER 23, 1947. Class 6.

437,563. GAS BURNERS FOR IGNITING FIRES. MORRIS J. SPERLING, Alhambra, Calif.
Filed April 23, 1946. Serial No. 500,777. PUBLISHED DECEMBER 16, 1947. Class 34.

437,564. FINGER NAIL ABRADING INSTRUMENT. ST. LOUIS TOOL COMPANY, Maplewood, Mo.
Filed April 29, 1946. Serial No. 501,134. PUBLISHED DECEMBER 23, 1947. Class 44.

437,565. PHARMACEUTICAL PREPARATION FOR HYPOPROTEINEMIA. PARKE, DAVIS & COMPANY, Detroit, Mich.
Filed April 29, 1946. Serial No. 501,140. PUBLISHED JANUARY 7, 1947. Class 6.

437,566. RELIGIOUS PERIODICAL. GOOD WORKERS, Detroit, Mich.
Filed May 6, 1946. Serial No. 501,504. PUBLISHED DECEMBER 30, 1947. Class 38.

437,567. INFANTS' AND CHILDREN'S LEATHER JACKETS. RUBIN GRAIS & SONS, Chicago, Ill.
Filed May 22, 1946. Serial No. 502,574. PUBLISHED JANUARY 6, 1948. Class 39.

437,568. DOLLS. HANIFORD DOLL PRODUCTS, Bridgeport, Conn.
Filed June 11, 1946. Serial No. 503,652. PUBLISHED OCTOBER 28, 1947. Class 22.

437,569. WOOD LIVING ROOM FURNITURE—NAMELY, CHAIRS AND SETTEES. GILLCRAFT FURNITURE CO., Los Angeles, Calif.
Filed June 17, 1946. Serial No. 504,043. PUBLISHED DECEMBER 30, 1947. Class 32.

437,570. DOLLS AND DOLLS' CLOTHES. DOMENICK IPPOLITO, doing business as Hollywood Doll Manufacturing Company, Glendale, Calif.
Filed June 29, 1946. Serial No. 504,835. PUBLISHED OCTOBER 28, 1947. Class 22.

437,571. FACE PACK. LEONID DE LESCINSKIS, New York, N. Y.
Filed July 1, 1946. Serial No. 504,913. PUBLISHED JANUARY 6, 1948. Class 6.

437,572. PERFUMES. ALBERT R. BENNETT, doing business as Dubé Parfum Co., Chicago, Ill.
Filed July 12, 1946. Serial No. 505,475. PUBLISHED DECEMBER 30, 1947. Class 6.

437,573. PERFUMES. ALBERT R. BENNETT, doing business as Dubé Parfum Co., Chicago, Ill.
Filed July 12, 1946. Serial No. 505,478. PUBLISHED DECEMBER 30, 1947. Class 6.

437,574. PERFUMES. ALBERT R. BENNETT, doing business as Dubé Parfum Co., Chicago, Ill.
Filed July 12, 1946. Serial No. 505,479. PUBLISHED DECEMBER 30, 1947. Class 6.

437,575. HEATING, VENTILATING AND AIR CONDITIONING APPARATUS, ETC. ENGINAIRE, INC., Providence, R. I.
Filed July 12, 1946. Serial No. 505,488. PUBLISHED DECEMBER 16, 1947. Class 34.

437,576. CHILDREN'S DRESSES, PINAFORES AND SLIPS. ANN MARILYN OF CALIFORNIA, Los Angeles, Calif.
Filed July 15, 1946. Serial No. 505,661. PUBLISHED JANUARY 6, 1948. Class 39.

437,577. COLORING MATTERS AND AGENTS FOR THE IMPROVEMENT OF THE FASTNESS PROPERTIES OF DYEINGS OBTAINED WITH DIRECT DYEING DYESTUFFS. CIBA LIMITED, Basel, Switzerland.
Filed July 18, 1946. Serial No. 505,808. PUBLISHED DECEMBER 16, 1947. Class 6.

437,578. POWDERED DYESTUFFS, DRY, WATER SOLUBLE DERIVED FROM COAL TAR AND ANILINE FOR USE IN DYEING AND FOR TINTING TEXTILE FABRICS, ETC. MARY F. CUSHING, executrix for the estate of Caleb H. Cushing, doing business as W. Cushing & Company, Dover-Foxcroft, Maine, assignor to Mary F. Cushing, doing business as W. Cushing and Company.
Filed July 24, 1946. Serial No. 506,160. PUBLISHED DECEMBER 30, 1947. Class 6.

437,579. POLYMERIZABLE SYNTHETIC RESINS. PITTSBURGH PLATE GLASS COMPANY, Pittsburgh, Pa.
Filed July 24, 1946. Serial No. 506,201. PUBLISHED DECEMBER 16, 1947. Class 1.

437,580. NAIL ENAMEL, BASE AND TOP COAT. REVLON PRODUCTS CORPORATION, New York, N. Y.
Filed July 30, 1946. Serial No. 506,549. PUBLISHED JANUARY 6, 1948. Class 6.

437,581. HAIR BRUSHES. HUGHES BRUSHES, INC., New York, N. Y., assignor to Tek Hughes, Inc., a corporation of New York.
Filed August 1, 1946. Serial No. 506,664. PUBLISHED DECEMBER 23, 1947. Class 29.

437,582. LIQUID AND DRY FERTILIZERS. ANTHONY OBERHOLTZ, doing business as Mr. O's Products, Los Angeles, Calif.
Filed August 3, 1946. Serial No. 506,833. PUBLISHED DECEMBER 23, 1947. Class 10.

437,583. PREPARATION INDICATED FOR USE IN ALLERGIC CONDITIONS. CIBA PHARMACEUTICAL PRODUCTS, INC., Summit, N. J.
Filed August 7, 1946. Serial No. 506,984. PUBLISHED DECEMBER 30, 1947. Class 6.

437,584. ALUMINUM AND ALUMINUM ALLOYS IN ROLLED, CAST, EXTRUDED, AND FORGED STATE. REYNOLDS METALS COMPANY, Richmond, Va.
Filed August 10, 1946. Serial No. 507,218. PUBLISHED JANUARY 6, 1948. Class 14.

437,585. PIPE FITTINGS, CONSISTING OF COUPLINGS, JOINTS, CONNECTORS, UNIONS, ADAPTERS, AND MECHANICAL VALVES FOR FLUID CONDUITS AND SYSTEMS, ALL OF FERROUS AND NON-FERROUS METALS. NORTHERN INDIANA BRASS COMPANY, Elkhart, Ind.
Filed August 12, 1946. Serial No. 507,271. PUBLISHED DECEMBER 23, 1947. Class 13.

437,586. LEATHER MOCCASINS FOR MEN AND CHILDREN. HAMMOND MOCCASINS, INC., Bangor, Maine.
Filed August 14, 1946. Serial No. 507,394. PUBLISHED DECEMBER 23, 1947. Class 39.

437,587. LIQUID USED FOR PREVENTING MOTH DAMAGE TO FURNITURE, RUGS, CARPETS, AND CLOTHING. FRANK H. HICKS, doing business as The Mothimune Co., Los Angeles, Calif.
Filed August 16, 1946. Serial No. 507,528. PUBLISHED JUNE 10, 1947. Class 6.

437,588. GIRDLES. ARROW ELASTIC FABRIC CO., West New York, N. J.
Filed August 17, 1946. Serial No. 507,563. PUBLISHED JANUARY 6, 1948. Class 39.

437,589. DRY, SLIP-PREVENTING CHEMICALLY INERT POWDER COMPRISING AN EXPLODED SILICATE FOR APPLICATION TO RUGS AND FLOOR COVERINGS. WESSON HOUSEWARE PRODUCTS CO., Chicago, Ill.
Filed August 19, 1946. Serial No. 507,667. PUBLISHED JUNE 17, 1947. Class 4.

437,590. SALTS FOR ELECTROCHEMICAL TREATMENT OF ALUMINUM IN AN ANODIZING BATH. ALBERT R. GOODKIN, doing business as All-Brite Chemical Co., Waterbury, Conn.
Filed August 23, 1946. Serial No. 507,900. PUBLISHED JANUARY 6, 1948. Class 6.

437,591. INSECTICIDE PREPARATIONS. FRANK A. HART, New York, N. Y.
Filed August 27, 1946. Serial No. 508,113. PUBLISHED DECEMBER 30, 1947. Class 6.

437,592. PREPARATION CONTAINING AMINO ACIDS AND POLYPEPTIDES, CARBOHYDRATES, VITAMINS AND MINERALS, INTENDED FOR USE AS A DIETARY COMPOUND FOR ORAL ADMINISTRATION ONLY. BURROUGHS WELLCOME & CO. (U. S. A.) INC., New York, N. Y.
Filed August 28, 1946. Serial No. 508,139. PUBLISHED JULY 8, 1947. Class 6.

437,593. CIGARETTE PAPERS CUT TO SIZE. SOCIÉTÉ ANONYME D'EXPLOITATION DES PAPETERIES L. LACROIX FILS, Angouleme, France.
Filed August 29, 1946. Serial No. 508,252. PUBLISHED JANUARY 6, 1948. Class 8.

437,594. PERFUMES, COLOGNE, AND TOILET WATER. CLAUDE CARON, doing business as Guermantes, Paris, France.
Filed September 3, 1946. Serial No. 508,408. PUBLISHED DECEMBER 23, 1947. Class 6.

437,595. PERFUMES, COLOGNE, AND TOILET WATER. CLAUDE CARON, doing business as Guermantes, Paris, France.
Filed September 3, 1946. Serial No. 508,410. PUBLISHED DECEMBER 30, 1947. Class 6.

437,596. PERFUMES, COLOGNE, AND TOILET WATER. CLAUDE CARON, doing business as Guermantes, Paris, France.
Filed September 3, 1946. Serial No. 508,412. PUBLISHED DECEMBER 30, 1947. Class 6.

437,597. PREPARATION FOR EXTERNAL APPLICATION ON THE HUMAN SKIN, BEING IN THE NATURE OF A BEAUTY AID AND SKIN CONDITIONING MEDIUM. ELA GRAY MERGENTHALER, also doing business as Ela Gray and as Ro-sae-la, Manhattan Beach, Calif.
Filed September 3, 1946. Serial No. 508,431. PUBLISHED DECEMBER 16, 1947. Class 6.

437,598. FERTILIZERS AND LEGUME TYPE SEED INOCULANTS. ILLINOIS AGRICULTURAL ASSOCIATION, Chicago, Ill.
Filed September 5, 1946. Under the act of February 20, 1905, as amended June 10, 1938. Serial No. 508,524. PUBLISHED DECEMBER 30, 1947. Class 10.

437,599. SMOKELESS POWDER. HERCULES POWDER COMPANY, Wilmington, Del.
Filed September 7, 1946. Serial No. 508,655. PUBLISHED NOVEMBER 18, 1947. Class 9.

437,600. WEEKLY PERIODICALS OF COMIC DRAWINGS. UNITED FEATURE SYNDICATE, INC., New York, N. Y.
Filed September 9, 1946. Serial No. 508,757. PUBLISHED DECEMBER 23, 1947. Class 38.

437,601. TOBACCO PIPES AND CIGAR AND CIGARETTE HOLDERS. BEN WADE LIMITED, Leeds, England.
Filed September 10, 1946. Serial No. 508,779. PUBLISHED DECEMBER 30, 1947. Class 8.

437,602. CIGARS, CIGARETTES AND SMOKING TOBACCO. BEN WADE LIMITED, Leeds, England.
Filed September 10, 1946. Serial No. 508,780. PUBLISHED DECEMBER 30, 1947. Class 17.

437,603. PHOTOGRAPHIC DEVELOPERS AND PRINT STRAIGHTENING SOLUTIONS. FREDERICK D. FISHER, Elmhurst, N. Y.
Filed September 11, 1946. Serial No. 508,841. PUBLISHED DECEMBER 30, 1947. Class 6.

437,604. PRINTED COPIES OF RADIO BROADCAST SOLD IN TRADE AS SUCH. WILLIAM B. DOLPH, Washington, D. C.
Filed September 12, 1946. Serial No. 508,897. PUBLISHED DECEMBER 23, 1947. Class 38.

437,605. HOT AND COLD ROLLED SHEETS, GALVANIZED SHEETS, SHEETS COATED WITH ALUMINUM BY THE HOT BONDING PROCESS AND SURFACE IMPREGNATED AND COATED FERROUS METAL SHEETS, STEEL AND ALLOYS OF IRON AND STEEL. THE AMERICAN ROLLING MILL COMPANY, Middletown, Ohio.
Filed September 14, 1946. Serial No. 509,066. PUBLISHED DECEMBER 30, 1947. Class 14.

437,606. HUMIDORS FOR THE CONSERVING OF CIGARS AND CIGARETTES, ETC. FLEMING-HALL TOBACCO CO., INC., New York, N. Y.
Filed September 16, 1946. Serial No. 509,145. PUBLISHED DECEMBER 30, 1947. Class 8.

437,607. STOP VALVES AND COMBINATION STOP AND DRAIN VALVES. HAYS MANUFACTURING COMPANY, Erie, Pa.
Filed September 18, 1946. Serial No. 509,275. PUBLISHED DECEMBER 23, 1947. Class 13.

437,608. MULTIVITAMIN CAPSULE. AMERICAN CYANAMID COMPANY, New York, N. Y.
Filed September 20, 1946. Serial No. 509,388. PUBLISHED JUNE 10, 1947. Class 6.

437,609. PERFUMES AND TOILET WATERS. J. CRESPIN & M. LAURENS-FRINGS & CIE, doing business as Zofaly, Paris, France.
Filed September 20, 1946. Serial No. 509,401. PUBLISHED DECEMBER 23, 1947. Class 6.

437,610. CLOTHS AND STUFFS OF WOOL, WORSTED OR HAIR IN THE FORM OF PIECE GOODS SOLD BY THE YARD. DARLEY MILLS COMPANY, LIMITED, Leeds, England.
Filed September 20, 1946. Serial No. 509,402. PUBLISHED DECEMBER 9, 1947. Class 42.

437,611. WOMEN'S SLIPS, NIGHT GOWNS, AND PAJAMAS. SOUTH SEAS TRADING CORP., New York, N. Y.
Filed September 24, 1946. Serial No. 509,681. PUBLISHED DECEMBER 23, 1947. Class 39.

437,612. PERIODICAL. SCHOLASTIC CORPORATION, New York, N. Y.
Filed September 27, 1946. Serial No. 509,882. PUBLISHED DECEMBER 23, 1947. Class 38.

437,613. WOMEN'S APPAREL—NAMELY, HOSIERY, PANTIES, ETC. EXTACER, INC., Reading, Pa.
Filed September 30, 1946. Serial No. 509,980. PUBLISHED DECEMBER 16, 1947. Class 39.

437,614. OINTMENT FOR POISON OAK AND POISON IVY. R. C. MARTENS, doing business as Oakydoke Manufacturing Company, Nevada City, Calif.
Filed September 30, 1946. Serial No. 509,993. PUBLISHED JANUARY 6, 1948. Class 6.

437,615. LINIMENT. JOHN BAILEY, Blountstown, Fla.
Filed October 2, 1946. Serial No. 510,051. PUBLISHED JANUARY 6, 1948. Class 6.

437,616. HOLDERS FOR FOOT WEAR, SAID HOLDERS ADAPTED TO BE SECURED TO A BED AND HAVING PORTIONS OUTWARDLY DIRECTED ON WHICH SLIPPERS MAY BE REMOVABLY POSITIONED. B & M METAL PRODUCTS CORP., Montclair, N. J.
Filed October 10, 1946. Serial No. 510,565. PUBLISHED DECEMBER 23, 1947. Class 13.

437,617. LADIES' AND MISSES' OUTER GARMENTS—NAMELY, GOWNS, DRESSES AND EVENING DRESSES, LIGHT WRAPS, SHAWLS AND HEADDRESS COMPRISING EVENING HOODS, KERCHIEFS, AND SCARFS. JOHN RUBEL, doing business as John Rubel Co., New York, N. Y.
Filed October 10, 1946. Serial No. 510,618. PUBLISHED DECEMBER 16, 1947. Class 39.

437,618. CLOSURES AND COMPONENTS OF CLOSURES USE FOR CONTAINERS OF PHARMACEUTICAL PRODUCTS. DON BAXTER, INC., Glendale, Calif.
Filed October 11, 1946. Serial No. 510,645. PUBLISHED DECEMBER 23, 1947. Class 44.

437,619. ANTIBIOTIC PRODUCT IN CRYSTALLINE FORM. THE WM. S. MERRELL COMPANY, Cincinnati, Ohio.
Filed October 12, 1946. Serial No. 510,820. PUBLISHED DECEMBER 16, 1947. Class 6.

437,620. CHEMICAL PRESERVING COMPOUND FOR IMPREGNATING WOOD, ETC. INTERNATIONAL PAINT COMPANY, INC., New York, N. Y.
Filed October 21, 1946. Serial No. 511,224. PUBLISHED DECEMBER 23, 1947. Class 6.

437,621. COUGH SYRUP. NORAMEX COMPANY, New York, N. Y., assignor to Noramex Company, Inc., New York, N. Y., a corporation of New York.
Filed October 21, 1946. Serial No. 511,235. PUBLISHED AUGUST 19, 1947. Class 6.

437,622. HOUSEHOLD CHAIRS. STANLEY OVERBY, doing business as Stanley Overby Chair Company, Los Angeles, Calif., assignor to Float-In-Ez Company, Los Angeles, Calif., a corporation of California.
Filed October 21, 1946. Serial No. 511,238. PUBLISHED DECEMBER 16, 1947. Class 32.

437,623. FOUNDATION GARMENTS, CONSISTING OF GIRDLES, COMBINATIONS COMPRISING A BRA AND CORSET, GARTER BELTS, AND BRASSIÈRES. EDDY-FORM, INC., New York, N. Y.
Filed October 22, 1946. Serial No. 511,267. PUBLISHED JANUARY 6, 1948. Class 39.

437,624. BALL TYPE BRUSHES, DIRT PICKS AND ENCLOSURES THEREFOR, SAME CONSISTING OF A PAIR OF DETACHABLE HEMISPHERES MAKING A BALL WHEN ASSEMBLED, SAID HEMISPHERES HAVING A CLEANING BRUSH AND A DIRT PICK USED IN CLEANING ATHLETIC SHOES AND GOLF CLUBS, BALLS, ETC. BIRDIE-BRUSH MANUFACTURING COMPANY, Toledo, Ohio.
Filed October 24, 1946. Serial No. 511,371. PUBLISHED DECEMBER 16, 1947. Class 29.

437,625. VITAMIN TABLETS. LANTEEN MEDICAL LABORATORIES, INC., Chicago, Ill.
Filed October 25, 1946. Serial No. 511,481. PUBLISHED JANUARY 6, 1948. Class 6.

437,626. TOILET PREPARATIONS FOR THE NAILS—NAMELY, SOLVENTS, LOTIONS, SWEETENED OIL, AND VARNISH. INTER-HAMOL S. A., Zurich, Switzerland.
Filed October 26, 1946. Serial No. 511,559. PUBLISHED DECEMBER 16, 1947. Class 6.

437,627. TEXTILE FABRICS OF COTTON, RAYON, WOOL AND COMBINATIONS THEREOF, SOLD BY THE BOLT. JANSHAW FABRICS INC., New York, N. Y.
Filed October 29, 1946. Serial No. 511,682. PUBLISHED JANUARY 13, 1948. Class 42.

437,628. ANALGESIC TABLETS, ANTACID POWDER AND TABLETS, ASPIRIN TABLETS, EYE DROPS, FIRST AID POWDER FOR THE TREATMENT OF MINOR CUTS, SCRATCHES, AND THE LIKE, FOOT POWDER, ETC. WHITEHALL PHARMACAL COMPANY, New York, N. Y., assignor to Whitehall Pharmacal Company, a corporation of Illinois.
Filed November 4, 1946. Serial No. 512,037. PUBLISHED DECEMBER 23, 1947. Class 6.

437,629. BROOCHES, ORNAMENTAL CLIPS, EARRINGS, FINGER RINGS, CLASPS, CUFF LINKS, AND CIGARETTE AND VANITY CASES MADE OF PRECIOUS OR SEMI-PRECIOUS METAL OR ORNAMENTED WITH SAME. ETABLISSEMENTS UTI, Paris, France.
Filed November 5, 1946. Serial No. 512,058. PUBLISHED DECEMBER 23, 1947. Class 28.

437,630. SHOES OF LEATHER, OR A COMBINATION OF LEATHER, RUBBER, OR FABRIC. VALLEY SHOE CORPORATION, St. Louis, Mo.
Filed November 7, 1946. Serial No. 512,219. PUBLISHED NOVEMBER 25, 1947. Class 39.

437,631. CHARM BRACELETS. MIDWEST CONSULTANTS, INC., doing business as Precision Miniatures, St. Louis, Mo.
Filed November 12, 1946. Serial No. 512,438. PUBLISHED JANUARY 6, 1948. Class 28.

437,632. LIQUID POISON FOR THE EXTERMINATION OF ANTS. FRANK L. WILEY, doing business as Oneida Chemical Company, Utica, N. Y.
Filed November 13, 1946. Serial No. 512,554. PUBLISHED JANUARY 6, 1948. Class 6.

437,633. SHOES, SLIPPERS, BOOTS, AND MOCCASINS FOR CHILDREN. MRS. DAY'S IDEAL BABY SHOE COMPANY, INC., Danvers, Mass.
Filed November 15, 1946. Serial No. 512,646. PUBLISHED JANUARY 6, 1948. Class 39.

437,634. SHOES. NEWTON ELKIN SHOE COMPANY, Philadelphia, Pa.
Filed November 20, 1946. Serial No. 512,923. PUBLISHED JANUARY 6, 1948. Class 39.

437,635. TEXTILE PRINTING THICKENING GUMS (TO BE WASHED OUT AFTER PRINTING) AND TEXTILE FINISHING PRODUCTS IN THE NATURE OF STARCHES AND GUMS. GUM MANUFACTURING CORP., Brooklyn, N. Y.
Filed November 29, 1946. Serial No. 513,412. PUBLISHED DECEMBER 16, 1947. Class 6.

437,636. MUSIC PRINTED ON SHEETS AND IN BOOKS. ROBERT F. KERR, San Anselmo, Calif.
Filed November 29, 1946. Serial No. 513,430. PUBLISHED DECEMBER 23, 1947. Class 38.

437,637. MATTRESSES. CLARENCE G. PARKER, doing business as Smiling Spring Mattress Company, Vivian, La.
Filed December 5, 1946. Serial No. 513,762. PUBLISHED DECEMBER 30, 1947. Class 32.

437,638. SYNTHETIC THERMOPLASTIC RESINOUS MATERIALS IN LIQUID, PLASTIC, AND UNFINISHED MOLDED FORMS. THE UNITED STATES STONEWARE CO., Akron, Ohio.
Filed December 5, 1946. Serial No. 513,786. PUBLISHED DECEMBER 2, 1947. Class 1.

437,639. CHEMICALS—NAMELY, ION EXCHANGE MATERIALS SUITABLE FOR CONDITIONING WATER AND AQUEOUS SOLUTIONS BY SOFTENING, DEMINERALIZING, CATION REMOVAL, AND ACID REMOVAL. LIQUID CONDITIONING CORPORATION, New York, N. Y.
Filed December 6, 1946. Serial No. 513,828. PUBLISHED DECEMBER 16, 1947. Class 6.

437,640. SPRAY FOR SHRUBS AND TREES. SPRA-SHIELD COMPANY, Grand Rapids, Mich.
Filed December 7, 1946. Serial No. 513,906. PUBLISHED JANUARY 6, 1948. Class 6.

437,641. FIREPLACE SCREENS. CHAMBERLIN COMPANY OF AMERICA, Detroit, Mich.
Filed December 11, 1946. Serial No. 514,008. PUBLISHED DECEMBER 23, 1947. Class 13.

431,642. MATTRESSES AND BOX SPRINGS AND STUDIO COUCHES. GOLD STAR MATTRESS, INC., Providence, R. I.
Filed December 12, 1946. Serial No. 514,110. PUBLISHED DECEMBER 30, 1947. Class 32.

437,643. CANNED MUSHROOMS. KEYSTONE MUSHROOM COMPANY, Coatesville, Pa.
Filed December 12, 1946. Serial No. 514,119. PUBLISHED DECEMBER 23, 1947. Class 46.

437,644. FACE POWDER, DUSTING POWDER, TOILET WATER, TALCUM POWDER, AND BATH SALTS, ALL BEING NON-MEDICATED TOILET PREPARATIONS; PERFUMES, LIPSTICK, AND HAIR LOTION. YARDLEY & COMPANY LIMITED, London, England.
Filed December 12, 1946. Serial No. 514,157. PUBLISHED DECEMBER 16, 1947. Class 6.

437,645. TUFTED COTTON RUGS. BELRUG MILL INC., Greenville, S. C.
Filed December 13, 1946. Serial No. 514,172. PUBLISHED DECEMBER 23, 1947. Class 42.

437,646. COMPLEXION CREAM, AND BEAUTIFIER EGG PACK. BERNHARD J. COHN, doing business as United Art Specialty Co., New York, N. Y.
Filed December 18, 1946. Serial No. 514,468. PUBLISHED DECEMBER 30, 1947. Class 6.

437,647. CHEMICAL COMPOUND IN LIQUID FORM TO BE MIXED WITH FAT TO FORM SOAP. THE RORRE-ON CO., Bowling Green, Va.
Filed December 19, 1946. Serial No. 514,565. PUBLISHED DECEMBER 16, 1947. Class 6.

437,648. CANNED FRUITS AND VEGETABLES. THE KROGER CO., Cincinnati, Ohio.
Filed December 21, 1946. Serial No. 514,657. PUBLISHED DECEMBER 16, 1947. Class 46.

437,649. CHEMICALS WHICH ACT AS AN AGENT FOR CONTROLLING THE VISCOSITY AND JELLING PROPERTIES OF STARCH ADHESIVES. R. T. VANDERBILT COMPANY, INC., New York, N. Y.
Filed December 23, 1946. Serial No. 514,734. PUBLISHED DECEMBER 23, 1947. Class 6.

437,650. FIREPLACE SCREENS. CHAMBERLIN COMPANY OF AMERICA, Detroit, Mich.
Filed December 23, 1946. Serial No. 514,744. PUBLISHED DECEMBER 23, 1947. Class 13.

437,651. AQUEOUS SOLUTION FOR PARENTERAL USE IN THE TREATMENT OF VITAMIN "C" DEFICIENCY. THE WM. S. MERRELL COMPANY, Cincinnati, Ohio.
Filed December 26, 1946. Serial No. 514,833. PUBLISHED DECEMBER 23, 1947. Class 6.

437,652. JEWELRY FOR PERSONAL WEAR, EXCLUDING WATCHES. GORDON P. WOOD, Montreal, Quebec, Canada.
Filed December 26, 1946. Serial No. 514,868. PUBLISHED DECEMBER 23, 1947. Class 28.

437,653. DIE CASTINGS OF NONFERROUS METAL. DIE CASTING COMPANY, Chicago, Ill.
Filed December 27, 1946. Serial No. 514,890. PUBLISHED DECEMBER 23, 1947. Class 14.

437,654. DRY CLEANING PREPARATION. LYNDOLA M. AHLMANN, doing business as Spout Products Company, Cincinnati, Ohio.
Filed December 28, 1946. Serial No. 514,925. PUBLISHED DECEMBER 23, 1947. Class 4.

437,655. DRY CLEANING PREPARATION. LYNDOLA M. AHLMANN, doing business as Spout Products Company, Cincinnati, Ohio.
Filed December 28, 1946. Serial No. 514,926. PUBLISHED DECEMBER 23, 1947. Class 4.

437,656. WOMEN'S FOOTWEAR—NAMELY, DRESS SLIPPERS AND SHOE-TYPE SLIPPERS. FRANK H. PFEIFFER CO., INC., Worcester, Mass.
Filed December 28, 1946. Serial No. 514,987. PUBLISHED DECEMBER 30, 1947. Class 39.

437,657. ALL TYPES OF VENETIAN BLINDS. TOLEDO VENETIAN BLIND COMPANY, INCORPORATED, Toledo, Ohio.
Filed December 28, 1946. Serial No. 514,999. PUBLISHED JANUARY 6, 1948. Class 32.

437,658. MEN'S, WOMEN'S, AND BOYS' SWEATERS. NORTH AMERICAN KNITTING COMPANY, Mansfield, Ohio.
Filed December 30, 1946. Serial No. 515,039. PUBLISHED DECEMBER 16, 1947. Class 39.

437,659. PREPARATION FOR CLEANING AND POLISHING BOOTS, SHOES, AND ALL LEATHER AND IMITATION LEATHER ARTICLES. CHARLES THORNFIELD, doing business as Furmoto Chemical Company, London, England.
Filed December 31, 1946. Serial No. 515,140. PUBLISHED DECEMBER 16, 1947. Class 4.

437,660. MEDICINAL TABLETS FOR CORONARY AILMENTS. G. D. SERALE & Co., Chicago, Ill.
Filed January 3, 1947. Serial No. 515,237. PUBLISHED DECEMBER 16, 1947. Class 6.

437,661. WINDOW SHADES. THE CHAS. W. BRENEMAN Co., Cincinnati, Ohio.
Filed January 4, 1947. Serial No. 515,252. PUBLISHED DECEMBER 30, 1947. Class 32.

437,662. COOKING UTENSILS, SPECIFICALLY POTS, PANS, GRIDDLES, HOT PLATES, ROASTERS, FRYERS, KETTLES, AND PRESSURE COOKERS. EASTERN METAL PRODUCTS CO., Tuckahoe, N. Y.
Filed January 4, 1947. Serial No. 515,262. PUBLISHED DECEMBER 23, 1947. Class 13.

437,663. PERFUMES AND TOILET WATERS. ETABLISSEMENTS RIGAUD, INC., New York, N. Y.
Filed January 6, 1947. Serial No. 515,301. PUBLISHED DECEMBER 30, 1947. Class 6.

437,664. PRODUCT INFLUENCING CAPILLARY FRAGILITY. THE MALTINE COMPANY, New York, N. Y.
Filed January 6, 1947. Serial No. 515,318. PUBLISHED JANUARY 6, 1948. Class 6.

437,665. NAIL POLISH. PEGGY SAGE, INC., Stamford, Conn., and New York, N. Y.
Filed January 6, 1947. Serial No. 515,332. PUBLISHED JANUARY 6, 1948. Class 6.

437,666. CARTOON STRIP. JOHN JOSEPH SCULLY, JR., Port Arthur, Tex.
Filed January 6, 1947. Serial No. 515,335. PUBLISHED JANUARY 6, 1948. Class 38.

437,667. COUGH SYRUP. FRED D. NAYLOR, doing business as Rolyan Products, Groton, Mass., and Partlow, Va.
Filed January 10, 1947. Serial No. 515,578. PUBLISHED DECEMBER 23, 1947. Class 6.

437,668. INSECTICIDE. THE PENNSYLVANIA SALT MANUFACTURING COMPANY, Philadelphia, Pa.
Filed January 10, 1947. Serial No. 515,581. PUBLISHED DECEMBER 30, 1947. Class 6.

437,669. FLEXIBLE METALLIC WATCH CHAINS AND BANDS (NOT INCLUDING WATCHES). DUROFLEX CORPORATION, New York, N. Y.
Filed January 11, 1947. Serial No. 515,615. PUBLISHED JANUARY 6, 1948. Class 28.

437,670. WOMEN'S SHOES MADE OF LEATHER, FABRIC, RUBBER, OR COMBINATIONS THEREOF. MARX & NEWMAN COMPANY, INC., New York, N. Y.
Filed January 13, 1947. Serial No. 515,666. PUBLISHED JANUARY 6, 1948. Class 39.

437,671. SLABS OF THERMOPLASTIC MATERIAL ADAPTED TO BE PRESSED INTO PHONOGRAPH RECORDS. J. W. NEFF LABORATORIES, INC., Easton, Pa.
Filed January 13, 1947. Serial No. 515,669. PUBLISHED DECEMBER 16, 1947. Class 1.

437,672. MONTHLY PUBLICATION. EMPIRE STATESMAN, INC., New York, N. Y.
Filed January 14, 1947. Serial No. 515,703. PUBLISHED JANUARY 6, 1948. Class 38.

437,673. SHOWER CURTAINS MADE OF A PLASTIC FILM. I. B. KLEINERT RUBBER COMPANY, INC., New York, N. Y.
Filed January 14, 1947. Serial No. 515,716. PUBLISHED DECEMBER 23, 1947. Class 13.

437,674. PYROPHORIC AND CATALYTIC CIGARETTE LIGHTERS. STRATHMORE CO., LTD., Teaneck, N. J.
Filed January 14, 1947. Serial No. 515,727. PUBLISHED DECEMBER 16, 1947. Class 34.

437,675. PREPARATION FOR KILLING WEEDS. ANDREW WILSON, INC., Springfield, N. J.
Filed January 14, 1947. Serial No. 515,732. PUBLISHED DECEMBER 23, 1947. Class 6.

437,676. SURGICAL DRESSINGS, SURGICAL SPONGES, AND SURGICAL PACKS. JOHNSON & JOHNSON, New Brunswick, N. J.
Filed January 15, 1947. Serial No. 515,764. PUBLISHED DECEMBER 23, 1947. Class 44.

437,677. HOLDER FOR NURSING BOTTLES. VIVIENNE B. STAMMER, Appleton, Wis.
Filed January 18, 1947. Serial No. 515,965. PUBLISHED JANUARY 6, 1948. Class 44.

437,678. PERFUMES, TOILET WATERS, COLOGNE, AND ROUGE. GRENOVILLE, SOCIETE ANONYME, Asnieres, Seine, France.
Filed January 22, 1947. Serial No. 516,129. PUBLISHED DECEMBER 30, 1947. Class 6.

437,679. PIECE GOODS OF RAYON, NYLON, GLASS, METAL, PROTEIN, AND PLASTIC YARNS. JACQMAR LIMITED, London, England.
Filed January 22, 1947. Serial No. 516,133. PUBLISHED JANUARY 6, 1948. Class 42.

437,680. SHOE POLISH. FLOCOS & XIDIS COMPANY, Pittsburgh, Pa.
Filed January 24, 1947. Serial No. 516,266. PUBLISHED DECEMBER 9, 1947. Class 4.

437,681. SHOE POLISH. FLOCOS & XIDIS COMPANY, Pittsburgh, Pa.
Filed January 24, 1947. Serial No. 516,267. PUBLISHED DECEMBER 9, 1947. Class 4.

437,682. BODY MASSAGING APPARATUS USED AS A WEIGHT REDUCER. BESSIE LONDON, Baltimore, Md.
Filed January 25, 1947. Serial No. 516,363. PUBLISHED JANUARY 6, 1948. Class 44.

437,683. PICTURE PRINTS, CHRISTMAS CARDS, AND CALENDARS. FOLLY COVE DESIGNERS, Gloucester and Annisquam, Mass.
Filed January 27, 1947. Serial No. 516,405. PUBLISHED JANUARY 6, 1948. Class 38.

437,684. MECHANICAL SEAL FOR ROTARY SHAFTS COMPRISING TWO RELATIVELY ROTATING MEMBERS. SEALOL CORPORATION, Providence, R. I.
Filed January 27, 1947. Serial No. 516,446. PUBLISHED JANUARY 6, 1948. Class 35.

437,685. LINGERIE—NAMELY, NIGHTGOWNS, SLIPS, PAJAMAS, BED-JACKETS, TEA GOWNS AND ROBES. TRAIN-ELLIS, INC., New York, N. Y.
Filed January 28, 1947. Serial No. 516,512. PUBLISHED DECEMBER 30, 1947. Class 39.

437,686. PHARMACEUTICAL PREPARATIONS—NAMELY, ATROPINE, DIGITALIN EMETINE, COCAINE, COFFEINE, SPARTEINE, ARSENICALS, CHOLINE AND ITS DERIVATIVES, ETC. M. F. C. DEVELOPMENT CORPORATION, New York, N. Y.
Filed January 30, 1947. Serial No. 516,623. PUBLISHED DECEMBER 30, 1947. Class 6.

437,687. STOCK TANK HEATERS USING SOLID, LIQUID, OR GASEOUS FUEL. THE MUNDIE MANUFACTURING COMPANY, Aurora, Ill.
Filed January 30, 1947. Serial No. 516,627. PUBLISHED DECEMBER 16, 1947. Class 34.

437,688. PERIODICAL NEWSPAPER ARTICLE. BARTLEY S. HODGES, JR., Washington, D. C.
Filed January 31, 1947. Serial No. 516,693. PUBLISHED DECEMBER 23, 1947. Class 38.

437,689. SHAMPOO AND HAIR DRESSING. KAY DAUMIT, INC., Chicago, Ill., assignor to Kay Daumit, Inc., Jersey City, N. J., a corporation of Delaware.
Filed January 31, 1947. Serial No. 516,698. PUBLISHED DECEMBER 30, 1947. Class 6.

437,690. WOMEN'S AND MISSES' HATS, DRESSES, BLOUSES, COATS, JACKETS, CAPES, FUR ARTICLES—NAMELY, COATS, CAPES, JACKETS, STOLES, AND SCARVES, SUITS, ETC. SAKS & Company, New York, N. Y.
Filed January 31, 1947. Serial No. 516,733. PUBLISHED JANUARY 6, 1948. Class 39.

437,691. MEN'S, WOMEN'S, AND CHILDREN'S RAINCOATS, ETC. B. ALTMAN & Co., New York, N. Y.
Filed February 1, 1947. Serial No. 516,751. PUBLISHED DECEMBER 23, 1947. Class 39.

437,692. OLEORESIN PEPPER AND TURPENTINE OINTMENT. THE CRAMER CHEMICAL COMPANY, Gardner, Kans.
Filed February 3, 1947. Serial No. 516,825. PUBLISHED DECEMBER 23, 1947. Class 6.

437,693. BRUSHLESS SHAVING CREAM. KELA PRODUCTS COMPANY, Binghamton, N. Y.
Filed February 3, 1947. Serial No. 516,854. PUBLISHED DECEMBER 16, 1947. Class 4.

437,694. NAME OF A NEWSPAPER COLUMN. ELISABETH QUINBY, Wooster, Ohio.
Filed February 3, 1947. Serial No. 516,867. PUBLISHED DECEMBER 30, 1947. Class 38.

437,695. MECHANICALLY GROOVED PHONOGRAPH RECORDS OF THE DISC TYPE. IMPERIAL RECORD CO., Los Angeles Calif.
Filed February 4, 1947. Serial No. 516,895. PUBLISHED JANUARY 6, 1948. Class 36.

437,696. PIECE GOODS MADE OF WOOL, COTTON, SILK, NYLON, RAYON AND LINEN AND MIXTURES THEREOF, SUCH AS ARE USED FOR CLOTHING, ETC. B. ALTMAN & Co., New York, N. Y.
Filed February 5, 1947. Serial No. 516,945. PUBLISHED DECEMBER 30, 1947. Class 42.

437,697. HAND LOTION. RENÉE REDONNETT, INC., Boston, Mass.
Filed February 5, 1947. Serial No. 517,000. PUBLISHED DECEMBER 23, 1947. Class 6.

437,698. SANDALS AND LIGHT OVERSHOES. PLASTI INDUSTRIES, INC., Winona, Minn.
Filed February 7, 1947. Serial No. 517,156. PUBLISHED JANUARY 6, 1948. Class 39.

437,699. IMITATION FOOD FLAVORINGS COMPRISING COMPOUNDS OF VANILLIN, COUMARIN, CITRAL, TRACES OF LEMON OIL, AND VANILLA EXTRACT. AMERICAN LABORATORIES, INCORPORATED, Richmond, Va.
Filed February 10, 1947. Serial No. 517,227. PUBLISHED DECEMBER 16, 1947. Class 46.

437,700. COSTUME JEWELRY FOR PINNING TO THE COSTUME. DIPPY BUG CO., San Jose, Calif.
Filed February 10, 1947. Serial No. 517,240. PUBLISHED JANUARY 6, 1948. Class 28.

437,701. ROUGH AND SEMI-FINISHED MALLEABLE IRON CASTINGS. THE EASTERN MALLEABLE IRON COMPANY, Naugatuck, Conn.
Filed February 10, 1947. Serial No. 517,244. PUBLISHED DECEMBER 23, 1947. Class 14.

437,702. DISPLAY STANDS, SHELVES, RACKS, MOVABLE PARTITIONS, AND BACKGROUND WALLS FOR USE IN EXHIBITING MERCHANDISE IN STORES. SPRING-AIR COMPANY, Holland, Mich.
Filed February 17, 1947. Serial No. 517,674. PUBLISHED DECEMBER 30, 1947. Class 32.

437,703. BICARBONATE OF SODA AND BAKING SODA FOR USE AS A DETERGENT, CLEANING, AND WASHING AGENT. CHURCH & DWIGHT CO. INC., New York, N. Y.
Filed February 18, 1947. Serial No. 517,702. PUBLISHED NOVEMBER 25, 1947. Class 4.

437,704. FOOT MASSAGE ROLLERS AND EXERCISERS AND ARCH SUPPORTS. JACK ELDREDGE, Cleveland, Ohio.
Filed February 21, 1947. Serial No. 517,891. PUBLISHED JANUARY 6, 1948. Class 44.

437,705. NEWSPAPER SECTION OR COLUMN. SAMUEL S. HIMMELL, New York, N. Y.
Filed February 21, 1947. Serial No. 517,909. PUBLISHED DECEMBER 23, 1947. Class 38.

437,706. HOSIERY FOR WOMEN. MUTUAL HOSIERY CORP., New York, N. Y.
Filed February 24, 1947. Serial No. 518,028. PUBLISHED DECEMBER 16, 1947. Class 39.

437,707. SHOES FOR MEN, WOMEN, AND CHILDREN, MADE OF LEATHER, FABRIC OR RUBBER, OR COMBINATIONS OF SAID MATERIALS. PENOBSCOT SHOE COMPANY, Old Town, Maine.
Filed February 24, 1947. Serial No. 518,033. PUBLISHED DECEMBER 30, 1947. Class 39.

437,708. JEWELRY FINDINGS—NAMELY, EARSCREWS, PINS, JOINTS, SAFETY CATCHES, STONES, AND PLASTIC FINDINGS. PHILADELPHIA BADGE COMPANY, INC., Philadelphia, Pa.
Filed February 25, 1947. Serial No. 518,100. PUBLISHED DECEMBER 30, 1947. Class 28.

437,709. FACE CREAMS. NEW YORK MAKE-UP CORPORATION, New York, N. Y.
Filed February 24, 1947. Serial No. 518,119. PUBLISHED DECEMBER 23, 1947. Class 6.

437,710. CONTINUING PUBLICATION AT PRESENT PUBLISHED SEASONALLY. NATIONAL GEOGRAPHIC SOCIETY, Washington, D. C.
Filed February 26, 1947. Serial No. 518,168. PUBLISHED DECEMBER 23, 1947. Class 38.

437,711. LADIES' MATERNITY WEARING APPAREL—NAMELY, SKIRTS, SLACKS, JUMPERS, JACKETS, SLACK-SUITS, AND SHORTS. MILTON H. FINE, doing business as M. H. Fine Company, Boston, Mass.
Filed February 27, 1947. Serial No. 518,214. PUBLISHED DECEMBER 23, 1947. Class 39.

437,712. NECKTIES. FRANCE NECKWEAR CO., INC., New York, N. Y.
Filed February 27, 1947. Serial No. 518,215. PUBLISHED DECEMBER 23, 1947. Class 39.

437,713. ANTACID PREPARATION. SHARP & DOHME, INCORPORATED, Philadelphia, Pa.
Filed February 27, 1947. Serial No. 518,257. PUBLISHED DECEMBER 16, 1947. Class 6.

437,714. FABRIC GLOVES, MEN'S, WOMEN'S, AND CHILDREN'S SWEATERS, CARDIGANS, PULLOVER BLOUSES AND SWEATERS AND SLIPOVER DRESSES, BLOUSES AND SWEATERS. I. & R. MORLEY, LIMITED, London, England.
Filed February 28, 1947. Serial No. 518,311. PUBLISHED DECEMBER 23, 1947. Class 39.

437,715. HOLDER FOR INTRA-ORAL DENTAL X-RAY FILM MADE OF TRANSPARENT PLASTIC MATERIAL AND COMPRISING A BAR WITH MEANS FOR HOLDING SAID FILM INTEGRALLY ATTACHED TO THE LONGITUDINAL ENDS OF SAID BAR, ETC. HARRY G. GREENE, Chicago, Ill.
Filed March 1, 1947. Serial No. 518,353. PUBLISHED DECEMBER 23, 1947. Class 44.

437,716. OINTMENT FOR THE TREATMENT OF ECZEMA OR OTHER SKIN DISEASES. TAILBY-NASON COMPANY, Cambridge, Mass.
Filed March 1, 1947. Serial No. 518,374. PUBLISHED DECEMBER 16, 1947. Class 6.

437,717. MECHANICALLY GROOVED PHONOGRAPH RECORDS OF THE DISC TYPE. SEECO RECORDS, INC., New York, N. Y.
Filed March 3, 1947. Serial No. 518,434. PUBLISHED DECEMBER 16, 1947. Class 36.

437,718. TELEPHONE STANDS. DOROTHY C. RICE, Baltimore, Md.
Filed March 5, 1947. Serial No. 518,560. PUBLISHED DECEMBER 30, 1947. Class 32.

437,719. PHYSIOLOGIC LAXATIVE FOR THE TREATMENT OF ACUTE AND CHRONIC CONSTIPATION. AMES COMPANY, INC., Elkhart, Ind.
Filed March 7, 1947. Serial No. 518,643. PUBLISHED DECEMBER 16, 1947. Class 6.

437,720. PREPARATION FOR THE TREATMENT OF MALARIA. ANTON X. BEAKE, doing business as Anton Beake & Company, Springfield, Mass.
Filed March 7, 1947. Serial No. 518,652. PUBLISHED DECEMBER 23, 1947. Class 6.

437,721. SPORT COATS, CARDIGANS, LOAFER COATS, ZIPPER JACKETS, AND SPORT SHIRTS. ALLESON SPORTSWEAR COMPANY, Rochester, N. Y.
Filed March 10, 1947. Serial No. 518,740. PUBLISHED JULY 22, 1947. Class 39.

437,722. STERLING SILVER CIGARETTE CASES, AND GOLD, GOLD FILLED, AND STERLING SILVER FINGERNAIL FILE AND COMB SETS. FELMORE COMPANY, INC., Providence, R. I.
Filed March 10, 1947. Serial No. 518,757. PUBLISHED JANUARY 6, 1948. Class 28.

437,723. BAKING SODA AND BICARBONATE OF SODA FOR USE AS A CLEANING AND WASHING AGENT. CHURCH & DWIGHT CO. INC., New York, N. Y.
Filed March 11, 1947. Serial No. 518,819. PUBLISHED NOVEMBER 25, 1947. Class 4.

437,724. BAKING SODA AND BICARBONATE OF SODA FOR USE AS A CLEANING AND WASHING AGENT. CHURCH & DWIGHT CO. INC., New York, N. Y.
Filed March 11, 1947. Serial No. 518,821. PUBLISHED NOVEMBER 25, 1947. Class 4.

437,725. BAKING SODA AND BICARBONATE OF SODA FOR USE AS A CLEANING AND WASHING AGENT. CHURCH & DWIGHT CO. INC., New York, N. Y.
Filed March 11, 1947. Serial No. 518,822. PUBLISHED NOVEMBER 25, 1947. Class 4.

437,726. SECTION, FEATURE OR DEPARTMENT PUBLISHED DAILY OR AT OTHER REGULAR INTERVALS IN A NEWSPAPER OR PERIODICAL. THE HEARST CORPORATION, New York, N. Y.
Filed March 11, 1947. Serial No. 518,834. PUBLISHED DECEMBER 30, 1947. Class 38.

437,727. ACETAMIDOTHIOPHENE, 2-ACETOTHIENONE, OXIME, 2-AMINOTHIOPHENE, 2-CHLOROMETHYLTHIOPHENE, ETC. ARAPAHOE CHEMICALS, INC., Boulder, Colo.
Filed March 12, 1947. Serial No. 518,869. PUBLISHED JANUARY 6, 1948. Class 6.

437,728. LAUNDRY BLUE. THE R. T. FRENCH COMPANY, Rochester, N. Y.
Filed March 14, 1947. Serial No. 519,011. PUBLISHED DECEMBER 30, 1947. Class 6.

437,729. SHOES MADE OF LEATHER, FABRIC, RUBBER, AND COMBINATIONS OF THESE MATERIALS. THE JULIAN & KOKENGE CO., Columbus, Ohio.
Filed March 14, 1947. Serial No. 519,019. PUBLISHED DECEMBER 30, 1947. Class 39.

437,730. ANTIACID TABLETS FOR CONTROL OF GASTRIC ACIDITY. MILFORD H. WISE, doing business as Rawl Chemical Co., New York, N. Y.
Filed March 14, 1947. Serial No. 519,044. PUBLISHED DECEMBER 23, 1947. Class 6.

437,731. TYPEWRITER RIBBONS. AMES SUPPLY COMPANY, Chicago, Ill.
Filed March 18, 1947. Serial No. 519,160. PUBLISHED DECEMBER 30, 1947. Class 11.

437,732. HAIR PREPARATION FOR STIMULATION OF GROWTH OF THE HAIR. LILLIE MILLER, Xenia, Ohio.
Filed March 19, 1947. Serial No. 519,285. PUBLISHED DECEMBER 23, 1947. Class 6.

437,733. UNDERGARMENTS FOR WOMEN—NAMELY, SLIPS AND GOWNS. JACK RAPPAPORT CO., INC., New York, N. Y.
Filed March 19, 1947. Serial No. 519,295. PUBLISHED JANUARY 6, 1948. Class 39.

437,734. MEN'S AND WOMEN'S SPORTSWEAR—NAMELY, SWEATERS, SLACKS, SHORTS, BATHING SUITS, SHIRTS, AND JACKETS. BUNNY KNIT SPORTSWEAR, Brooklyn, N. Y.
Filed March 20, 1947. Serial No. 519,315. PUBLISHED DECEMBER 16, 1947. Class 39.

437,735. BABY FEEDER DEVICE, WHICH IS AN APPARATUS CONSISTING OF SEVERAL STRAPS MADE OF CANVAS AND PUT TOGETHER IN SUCH A FASHION THAT THEY CONVENIENTLY HOLD A BABY'S FEEDING BOTTLE IN A CRIB, ETC. HARRY M. HINTEMAN, Brooklyn, N. Y.
Filed March 20, 1947. Serial No. 519,328. PUBLISHED DECEMBER 30, 1947. Class 44.

437,736. CHILDREN'S, BOYS', YOUTHS', GIRLS', AND MISSES' PLAY AND SCHOOL TOGS—NAMELY, PANTS, JUMPERS, SHORTS, SHIRTS, SKIRTS, COATS, AND JACKETS; DUNGAREES; RAINWEAR—NAMELY, RAINCOATS, SPORT JACKETS, HATS AND CAPS MADE OF WATER-REPELLENT FABRICS; HEADWEAR — NAMELY, TOPPERS, CAPS AND HELMETS; PAJAMAS, AND UNDERWEAR. WINNER, INC., Berne, Ind.
Filed March 20, 1947. Serial No. 519,367. PUBLISHED DECEMBER 23, 1947. Class 39.

437,737. DERIVATIVE OF ATROPINE, SYNTHETICALLY PREPARED AND EXERTING AN ANTISPASMODIC EFFECT UPON SMOOTH MUSCLE ORGANS IN GENERAL BUT BEING USED MAINLY IN THE TREATMENT OF SPASMS OF THE GASTRO-INTESTINAL AND GENITOURINARY ORGANS, ETC. CAMPBELL PRODUCTS, INC., New York, N. Y.
Filed March 24, 1947. Serial No. 519,461. PUBLISHED DECEMBER 23, 1947. Class 6.

437,738. NEWSPAPER COLUMN. BULLETIN COMPANY, Philadelphia, Pa.
Filed March 25, 1947. Serial No. 519,510. PUBLISHED DECEMBER 30, 1947. Class 38.

437,739. PET SHAMPOO. JONAY PRODUCTS INC., doing business as J. B. Chemical Products, Boston, Mass.
Filed March 25, 1947. Serial No. 519,525. PUBLISHED JANUARY 6, 1948. Class 6.

437,740. SHOES. CHAUSSURES LE TRAPPEUR, Sillans (Isere), France.
Filed March 25, 1947. Serial No. 519,548. PUBLISHED DECEMBER 30, 1947. Class 39.

437,741. ANALGESIC TABLET. VAN PELT & BROWN, INC., Richmond, Va.
Filed March 25, 1947. Serial No. 519,550. PUBLISHED DECEMBER 23, 1947. Class 6.

437,742. SOLES AND HEELS MADE OF RUBBER OR CAOUTCHOUC. HUNGARIAN RUBBER GOODS FACTORY LIMITED, Budapest, Hungary.
Filed March 26, 1947. Serial No. 519,583. PUBLISHED DECEMBER 30, 1947. Class 39.

437,743. COLUMN IN A PERIODICAL PUBLICATION. SENECA PRINTING COMPANY, Chicago, Ill.
Filed March 26, 1947. Serial No. 519,604. PUBLISHED DECEMBER 30, 1947. Class 38.

437,744. HANDKERCHIEFS. GLENDINNING, MCLEISH & CO. INC., New York, N. Y.
Filed March 27, 1947. Serial No. 519,643. PUBLISHED DECEMBER 16, 1947. Class 39.

437,745. LIPSTICK. GOURIELLI, INC., New York, N. Y.
Filed March 27, 1947. Serial No. 519,644. PUBLISHED DECEMBER 9, 1947. Class 6.

437,746. FINGER RINGS, EARRINGS, BRACELETS, LOCKETS, NECKLACES, EMPTY COMPACTS PLATED WITH PRECIOUS METALS, ORNAMENTAL PINS, BROOCHES, NOVELTY AND COSTUME JEWELRY. H. WEINREICH COMPANY INC., also known as H. Weinreich Co. Inc., Philadelphia, Pa.
Filed March 28, 1947. Serial No. 519,785. PUBLISHED JANUARY 6, 1948. Class 28.

437,747. HANDKERCHIEFS. GLENDINNING, MCLEISH & CO. INC., New York, N. Y.
Filed March 29, 1947. Serial No. 519,811. PUBLISHED DECEMBER 16, 1947. Class 39.

437,748. SECTION OF A PERIODICAL PUBLISHED AT INTERVALS. STREET & SMITH PUBLICATIONS, INC., New York, N. Y.
Filed March 29, 1947. Serial No. 519,842. PUBLISHED DECEMBER 30, 1947. Class 38.

437,749. TOILET BRUSHES COMPRISING HAIRBRUSHES, FINGERNAIL-BRUSHES, SHAMPOO-BRUSHES, HAND-SCRUBS, AND CLOTHES-BRUSHES. M. A. WILLIAMS, INC., Woonsocket, R. I.
Filed March 29, 1947. Serial No. 519,847. PUBLISHED DECEMBER 23, 1947. Class 29.

437,750. NECKTIES AND MITTENS. MARION W. EDMISTON, doing business as The Tophand Tie Co., Port Arthur, Tex.
Filed April 1, 1947. Serial No. 519,932. PUBLISHED DECEMBER 16, 1947. Class 39.

437,751. GUNS AND PARTS THEREOF. THE L. C. SMITH GUN COMPANY, INCORPORATED, Fulton, N. Y.
Filed April 1, 1947. Serial No. 519,992. PUBLISHED DECEMBER 30, 1947. Class 9.

437,752. NEWSPAPER SUPPLEMENT PUBLISHED PERIODICALLY. WORLD WEEK, INC., Chicago, Ill.
Filed April 1, 1947. Serial No. 520,004. PUBLISHED DECEMBER 30, 1947. Class 38.

437,753. MEN'S, WOMEN'S, AND CHILDREN'S SWEATERS, SWIM SUITS, SPORT JACKETS, SPORT SHIRTS, AND BLOUSES. CARDEAN KNITWEAR COMPANY, Baltimore, Md.
Filed April 4, 1947. Serial No. 520,144. PUBLISHED JANUARY 6, 1948. Class 39.

437,754. ROTOGRAVURE INKS; COATINGS AND VARNISHES FOR ROTOGRAVURE APPLICATION; AND VARNISHES, VEHICLES AND THINNERS FOR ROTOGRAVURE INKS AND ROTOGRAVURE COATINGS. SAMUEL T. KANTOR, doing business as Gotham Ink & Color Co., Long Island City, N. Y.
Filed April 4, 1947. Serial No. 520,170. PUBLISHED DECEMBER 2, 1947. Class 11.

437,755. LADIES' UNDERGARMENTS — NAMELY, SLIPS, BRASSIÈRES, GIRDLES, PANTIES, PANTY GIRDLES, NEGLIGEES, AND GOWNS. EYE-FUL LINGERIE INC., New York, N. Y.
Filed April 5, 1947. Serial No. 520,206. PUBLISHED JANUARY 6, 1948. Class 39.

437,756. HANDKERCHIEFS, SCARFS, AND BATHING SUITS. R. W. ELDRIDGE CO., INC., Charlotte, N. C.
Filed April 7, 1947. Serial No. 520,269. PUBLISHED JANUARY 6, 1948. Class 39.

437,757. LINIMENT FOR USE IN ALLEVIATING MUSCULAR PAINS. PAUL ELLE, doing business as Western Chemical Co., Chicago, Ill.
Filed April 7, 1947. Serial No. 520,270. PUBLISHED DECEMBER 30, 1947. Class 6.

437,758. LEATHER TREATING SUBSTANCES—NAMELY, SOAP OF CHARACTER TO PROMOTE RETENTION OF LUSTER, OR NORMAL SURFACE CONDITION OF THE LEATHER, AND USED TO PROMOTE RETENTION OF NORMAL PLIABILITY. SUNBEAM PRODUCTS, INC., Toledo, Ohio.
Filed April 7, 1947. Serial No. 520,308. PUBLISHED DECEMBER 16, 1947. Class 4.

437,759. LADIES' AND MISSES' PETTICOATS, SLIPS, NIGHTGOWNS, BEDJACKETS, PAJAMAS, AND PANTIES. THE BARONET CO., New York, N. Y.
Filed April 9, 1947. Serial No. 520,371. PUBLISHED DECEMBER 30, 1947. Class 39.

437,760. FISHING FLY CLIPS, ARTIFICIAL BAIT, AND SPINNERS. HANK'S MFG. CO., Chicago, Ill.
Filed April 9, 1947. Serial No. 520,390. PUBLISHED OCTOBER 28, 1947. Class 22.

437,761. SHAVE CREAM. UNION PRODUCTS CO., Rockford, Ill.
Filed April 10, 1947. Serial No. 520,482. PUBLISHED DECEMBER 9, 1947. Class 4.

437,762. ATOMIZERS. XPRAY CORPORATION, New York, N. Y.
Filed April 10, 1947. Serial No. 520,488. PUBLISHED JANUARY 6, 1948. Class 44.

437,763. WATCHES AND PARTS THEREOF. POST WATCH CO., INC., New York, N. Y.
Filed April 14, 1947. Serial No. 520,648. PUBLISHED DECEMBER 23, 1947. Class 27.

437,764. INSECTICIDES. CALIFORNIA SPRAY-CHEMICAL CORPORATION, Wilmington, Del., and Richmond, Calif.
Filed April 15, 1947. Serial No. 520,683. PUBLISHED DECEMBER 23, 1947. Class 6.

437,765. MEN'S AND BOYS' OUTERSHIRTS, OUTER SHORTS, AND UNDER SHORTS, PAJAMAS, BATH ROBES, SLACKS, AND SLACK SUITS. HEGO FABRICS, INC., New York, N. Y.
Filed April 16, 1947. Under the act of February 20, 1905 as amended June 10, 1938. Serial No. 520,806. PUBLISHED DECEMBER 30, 1947. Class 39.

437,766. DRESSING, CLEANER, AND POLISH FOR SHOES, BOOTS, LEATHER GOODS AND LEATHER TRIMMINGS OF OTHER ARTICLES SUCH AS BELTS, BAGS, AND THE LIKE. KNOMARK MANUFACTURING CO., Brooklyn, N. Y.
Filed April 17, 1947. Serial No. 520,880. PUBLISHED DECEMBER 30, 1947. Class 4.

437,767. MATTRESSES. SUNRISE MATTRESS CO., INC., Hempstead, N. Y.
Filed April 17, 1947. Serial No. 520,910. PUBLISHED JANUARY 6, 1948. Class 32.

437,768. MEN'S HATS. BOND STORES, INCORPORATED, New York, N. Y.
Filed April 18, 1947. Serial No. 520,928. PUBLISHED JANUARY 6, 1948. Class 39.

437,769. GRINDING AND/OR ABRASIVE CUTTING WHEEL. DETROIT-STAR GRINDING WHEEL COMPANY, Detroit, Mich.
Filed April 22, 1947. Serial No. 521,118. PUBLISHED DECEMBER 30, 1947. Class 4.

437,770. APPAREL BELTS. GARAY & CO., INC., New York, N. Y.
Filed April 23, 1947. Serial No. 521,186. PUBLISHED DECEMBER 30, 1947. Class 39.

437,771. SPORTSWEAR — NAMELY, HUNTING AND FISHING COATS, VESTS, JACKETS, AND CAPES EQUIPPED WITH DETACHABLE GAME POCKETS, AND FISH CREELS TAILORED AS PART OF THE GARMENT ASSEMBLY AND SOLD THEREWITH. C. H. MASLAND & SONS, Carlisle, Pa.
Filed April 23, 1947. Serial No. 521,199. PUBLISHED JANUARY 6, 1948. Class 39.

437,772. BATH SOAPS AND PERFUMED SOAPS. JACQUELINE COCHRAN, New York, N. Y., assignor to Jacqueline Cochran, Inc., Newark, N. J., a corporation of Delaware.
Filed April 25, 1947. Serial No. 521,324. PUBLISHED DECEMBER 30, 1947. Class 4.

437,773. MATTRESSES. THE STEARNS & FOSTER COMPANY, Cincinnati, and Lockland, Cincinnati, Ohio.
Filed April 26, 1947. Serial No. 521,414. PUBLISHED DECEMBER 30, 1947. Class 32.

437,774. CIGARETTES. STEPHANO BROTHERS, Philadelphia, Pa.
Filed April 26, 1947. Serial No. 521,415. PUBLISHED DECEMBER 23, 1947. Class 17.

437,775. MEDICINAL PREPARATION USED IN THE TREATMENT OF CONSTIPATION AND KINDRED CONDITIONS. THE OCCY-CRYSTINE CORPORATION, doing business as Floratose Laboratory, Salisbury, Conn.
Filed April 29, 1947. Serial No. 521,530. PUBLISHED DECEMBER 23, 1947. Class 6.

437,776. COMPOSITIONS BASED ON MIXED AMIDINE PHOSPHATES WHICH ARE SUITABLE FOR APPLICATION TO TEXTILES FOR PRODUCING FLAME AND FIRE RETARDANT EFFECTS. AMERICAN CYANAMID COMPANY, New York, N. Y.
Filed April 30, 1947. Serial No. 521,553. PUBLISHED DECEMBER 16, 1947. Class 6.

437,777. PHONOGRAPH RECORDS OF THE MECHANICALLY GROOVED TYPE. JUPITER RECORD CORP., New York, N. Y.
Filed April 30, 1947. Serial No. 521,578. PUBLISHED JANUARY 6, 1948. Class 36.

437,778. TOILET PREPARATIONS, PERFUMERY, AND COSMETICS—NAMELY, PERFUME, TOILET WATERS, LIPSTICKS, FACE POWDER, TOILET CREAMS, AND ROUGE. LES PARFUMS DE DANA, INC., New York, N. Y.
Filed April 30, 1947. Serial No. 521,583. PUBLISHED DECEMBER 9, 1947. Class 6.

437,779. MEDICINAL PREPARATION CONTAINING NICOTINIC ACID AND VITAMINS, USEFUL IN THE TREATMENT OF PELLAGRA, MANY FORMS OF ANEMIA, AND ANY TYPE OF VITAMIN B DEFICIENCY. ELI LILLY AND COMPANY, Indianapolis, Ind.
Filed April 30, 1947. Serial No. 521,585. PUBLISHED DECEMBER 30, 1947. Class 6.

437,780. SHAVING BRUSHES. PEERLESS BRUSH MANUFACTURING COMPANY, Burlington, Vt.
Filed May 1, 1947. Serial No. 521,682. PUBLISHED DECEMBER 30, 1947. Class 29.

437,781. THREAD AND YARNS MADE OF VARIOUS SYNTHETIC RESINS. MONSANTO CHEMICAL COMPANY, St. Louis, Mo.
Filed May 2, 1947. Serial No. 521,748. PUBLISHED JANUARY 13, 1948. Class 43.

437,782. NEWSPAPER COLUMN PUBLISHED PERIODICALLY. THE BERGEN EVENING RECORD CORPORATION, Hackensack, N. J.
Filed May 5, 1947. Serial No. 521,850. PUBLISHED DECEMBER 23, 1947. Class 38.

437,783. GIRDLE FOR WOMEN AND GIRLS. FERAUD & ORR, Ventura, Calif.
Filed May 5, 1947. Serial No. 521,868. PUBLISHED DECEMBER 30, 1947. Class 39.

437,784. MEN'S AND BOYS' SPORTSWEAR—NAMELY, SHIRTS AND JACKETS. REMO SECATORE, doing business as Bell Garment Co., Boston, Mass.
Filed May 5, 1947. Serial No. 521,934. PUBLISHED DECEMBER 16, 1947. Class 39.

437,785. MAGAZINE COLUMN. THE NEW YORKER MAGAZINE, INC., New York, N. Y.
Filed May 6, 1947. Serial No. 521,981. PUBLISHED DECEMBER 30, 1947. Class 38.

437,786. DISPENSERS FILLED WITH ABSORBENT COTTON. RICHARD L. HEDENKAMP, doing business as Windsor Products Company, Kirkwood and St. Louis, Mo.
Filed May 7, 1947. Serial No. 522,003. PUBLISHED DECEMBER 23, 1947. Class 44.

437,787. SOAP. WEST DISINFECTING COMPANY, Long Island City, N. Y.
Filed May 7, 1947. Serial No. 522,015. PUBLISHED DECEMBER 16, 1947. Class 4.

437,788. MECHANICALLY GROOVED SOUND REPRODUCING RECORDS. DOMINICAN RECORDING CO., Ciudad Trujillo, Dominican Republic.
Filed May 8, 1947. Serial No. 522,062. PUBLISHED JANUARY 6, 1948. Class 36.

437,789. STERLING SILVER FLATWARE AND SILVER PLATED FLATWARE. AMITY SILVER, INC., Brooklyn, N. Y.
Filed May 9, 1947. Serial No. 522,174. PUBLISHED DECEMBER 23, 1947. Class 28.

437,790. PIECE GOODS OF WOOL, COTTON, SILK OR RAYON. UNIDOS INCORPORATED, New York, N. Y.
Filed May 13, 1947. Serial No. 522,332. PUBLISHED DECEMBER 23, 1947. Class 42.

437,791. CLAY CARRIER OR DILUENT FOR INSECTICIDES AND FUNGICIDES. R. T. VANDERBILT COMPANY, INC., New York, N. Y.
Filed May 16, 1947. Serial No. 522,508. PUBLISHED DECEMBER 16, 1947. Class 6.

437,792. MEN'S PRECIOUS METAL NECKTIE CLIPS, CUFF LINKS, AND OTHER JEWELRY FOR PERSONAL WEAR OR ADORNMENT, NOT INCLUDING WATCHES. CROWN JEWELRY CO., Philadelphia, Pa.
Filed May 16, 1947. Serial No. 522,531. PUBLISHED DECEMBER 23, 1947. Class 28.

437,793. KNITTED FABRICS IN THE PIECE, OF COTTON, RAYON, PROTEIN FIBRES, WOOL, WORSTED, AND COMBINATIONS THEREOF. SECURITY MILLS, INC., New York, N. Y.
Filed May 17, 1947. Serial No. 522,555. PUBLISHED DECEMBER 23, 1947. Class 42.

437,794. TEXTILE FABRICS IN THE PIECE, OF COTTON, RAYON, PROTEIN FIBRES AND MIXTURES THEREOF. D. B. FULLER & CO., INC., New York, N. Y.
Filed May 17, 1947. Serial No. 522,556. PUBLISHED DECEMBER 30, 1947. Class 42.

437,795. BRACELETS (NOT INCLUDING WATCHES). SPEIDEL CORPORATION, Providence, R. I.
Filed May 17, 1947. Serial No. 522,604. PUBLISHED DECEMBER 23, 1947. Class 28.

437,796. ANALEPTIC WITH A SPECIFIC CENTRAL ACTION ON THE RESPIRATORY SYSTEM IN POWDER, ETC. GEIOT COMPANY, INC., New York, N. Y.
Filed May 19, 1947. Serial No. 522,626. PUBLISHED DECEMBER 16, 1947. Class 6.

437,797. ENDLESS CONVEYOR BELTS AND BELTING STOCK. TON-TEX CORPORATION, Grand Rapids, Mich.
Filed May 19, 1947. Serial No. 522,679. PUBLISHED DECEMBER 30, 1947. Class 35.

437,798. HYALURONIDASE, AN ENZYME PREPARED FROM BOVINE TESTES AND OTHER SOURCES, WHICH HAS THE PROPERTY OF HYDROLYZING HYALURONIC ACID, USED AS A SPREADING FACTOR WHEN INJECTED INTRADERMALLY. SCHERING CORPORATION, Bloomfield, N. J.
Filed May 20, 1947. Serial No. 522,694. PUBLISHED JANUARY 6, 1948. Class 6.

437,799. GAS COOKING RANGES. AVCO MANUFACTURING CORPORATION, Detroit, Mich.
Filed May 20, 1947. Serial No. 522,712. PUBLISHED DECEMBER 16, 1947. Class 34.

437,800. GRASS SEED. ASSOCIATED SEED GROWERS, INC., New Haven, Conn.
Filed May 21, 1947. Serial No. 522,758. PUBLISHED DECEMBER 9, 1947. Class 1.

437,801. GRASS SEED. ASSOCIATED SEED GROWERS, INC., New Haven, Conn.
Filed May 21, 1947. Serial No. 522,776. PUBLISHED DECEMBER 16, 1947. Class 1.

437,802. LEATHER. THE GRIESS-PFLEGER TANNING CO., Waukegan, Ill.
Filed May 22, 1947. Serial No. 522,850. PUBLISHED DECEMBER 16, 1947. Class 1.

437,803. SMOKING TOBACCO. BENSON & HEDGES, New York, N. Y.
Filed May 23, 1947. Serial No. 522,902. PUBLISHED DECEMBER 30, 1947. Class 17.

437,804. COMPOSITION FOR ADDITION TO MOLTEN IRON AND STEEL FOR MAINTENANCE OF HEAT AND FLUIDITY. GRAYCE L. SALL, doing business as National Pigment Company, Philadelphia, Pa.
Filed May 23, 1947. Serial No. 522,903. PUBLISHED DECEMBER 23, 1947. Class 6.

437,805. PTEROYL TRI GLUTAMIC ACID FOR TREATMENT OF CERTAIN DISEASES IN THE BLOOD. AMERICAN CYANAMID COMPANY, New York, N. Y.
Filed May 23, 1947. Serial No. 522,920. PUBLISHED SEPTEMBER 23, 1947. Class 6.

437,806. LAXATIVE PREPARATION PARTICULARLY APPLICABLE TO CHILDREN. FRANK P. WOOD, doing business as Wood Chemical Company, Jacksonville, Fla.
Filed May 24, 1947. Serial No. 522,961. PUBLISHED DECEMBER 23, 1947. Class 6.

437,807. LADIES' PAJAMAS, SLIPS, NIGHTGOWNS, PANTIES, AND PETTICOATS. DANIEL SANDERS, New York, N. Y.
Filed May 24, 1947. Serial No. 522,971. PUBLISHED JANUARY 6, 1948. Class 39.

437,808. NECKLACES. S. NATHAN & COMPANY INC., New York, N. Y.
Filed May 24, 1947. Serial No. 522,995. PUBLISHED DECEMBER 23, 1947. Class 28.

437,809. SOIL CONDITIONER—NAMELY, PULVERIZED LIMESTONE. J. M. STEVENSON, doing business as Kanstone Company, Garnett, Kans.
Filed May 26, 1947. Serial No. 523,026. PUBLISHED JANUARY 6, 1948. Class 10.

437,810. GASKETS FOR INTERNAL COMBUSTION ENGINES AND ASSOCIATED PARTS. DETROIT GASKET & MANUFACTURING COMPANY, Detroit, Mich.
Filed May 26, 1947. Serial No. 523,033. PUBLISHED JANUARY 6, 1948. Class 35.

437,811. GASKETS FOR INTERNAL COMBUSTION ENGINES AND ASSOCIATED PARTS. DETROIT GASKET & MANUFACTURING COMPANY, Detroit, Mich.
Filed May 26, 1947. Serial No. 523,034. PUBLISHED JANUARY 6, 1948. Class 35.

437,812. CLEANING COMPOUND IN POWDERED AND FLAKE FORM FOR WALLS, FLOORS, WOODWORK, AND OTHER FLAT SURFACES. M. M. EISIMINGER, doing business as Nivram Manufacturing Co., Kansas City, Mo.
Filed May 26, 1947. Serial No. 523,084. PUBLISHED DECEMBER 30, 1947. Class 4.

437,813. FISHING TACKLE—NAMELY, LEADERS. BERKLEY W. BEDELL, doing business as Berkley Fly Company, Spirit Lake, Iowa.
Filed May 27, 1947. Serial No. 523,135. PUBLISHED OCTOBER 28, 1947. Class 22.

437,814. TOILET SOAPS. LES PARFUMS DE DANA, INC., New York, N. Y.
Filed May 28, 1947. Serial No. 523,197. PUBLISHED DECEMBER 9, 1947. Class 4.

437,815. BRASSIÈRES. JAYE IMON, INC., Buffalo, N. Y.
Filed May 28, 1947. Serial No. 523,201. PUBLISHED DECEMBER 23, 1947. Class 39.

437,816. MEN'S SHIRTS—NAMELY, DRESS SHIRTS, SPORTS SHIRTS, WORK SHIRTS, AND BOWLING SHIRTS. F. JACOBSON & SONS, INC., New York, N. Y.
Filed May 28, 1947. Serial No. 523,226. PUBLISHED DECEMBER 23, 1947. Class 39.

437,817. MEDICINAL PREPARATION FOR USE IN THE TREATMENT OF PARKINSON'S DISEASE. PANTCHO NAKASHEFF, doing business as Pharmacy P. Nakasheff, Sofia, Bulgaria.
Filed June 2, 1947. Serial No. 523,409. PUBLISHED JANUARY 6, 1948. Class 6.

437,818. STEEL RODS, BARS, PLATES, BILLETS, SLABS, BLOCKS, AND FORGINGS. CRUCIBLE STEEL COMPANY OF AMERICA, New York, N. Y.
Filed June 3, 1947. Serial No. 523,460. PUBLISHED DECEMBER 23, 1947. Class 14.

437,819. LIVING ROOM FURNITURE — NAMELY, SOFAS, EASY CHAIRS, OCCASIONAL CHAIRS, COMMODES, COCKTAIL TABLES, BREAK FRONTS, SIDE CHAIRS, LAMP TABLES, PIER CABINETS, COFFEE TABLES, DESKS, AND SECRETARIES; DINING ROOM FURNITURE—NAMELY, TABLES, BUFFETS, ETC. THE HECHT CO., Washington, D. C., also doing business as Hecht Bros., Baltimore, Md., and New York, N. Y., and The Hub, Baltimore, Md.
Filed June 3, 1947. Serial No. 523,466. PUBLISHED JANUARY 6, 1948. Class 32.

437,820. MEDICINAL RECONSTRUCTIVE AND RECONSTITUENT TONIC. AKTIENGESELLSCHAFT VORMALS B. SIEGFRIED, Zofingen, Switzerland.
Filed June 4, 1947. Serial No. 523,502. PUBLISHED JANUARY 6, 1948. Class 6.

437,821. MEN'S AND BOYS' DRESS SHIRTS, PAJAMAS, SHORTS, UNDERSHIRTS, HOSIERY, SPORT SHIRTS, POLO AND BASQUE SHIRTS, SLACKS, SWEATERS, NECKTIES, MUFFLERS, AND HANDKERCHIEFS. LARRY E. GELBERT, New York, N. Y.
Filed June 5, 1947. Serial No. 523,578. PUBLISHED DECEMBER 16, 1947. Class 39.

437,822. BITTER-STOMACHIC-APPETIZER. EMILIO MICHELOTTI, doing business as Kennexir Laboratories, Brooklyn, N. Y.
Filed June 5, 1947. Serial No. 523,600. PUBLISHED DECEMBER 16, 1947. Class 6.

437,823. LADIES' AND MISSES' BLOUSES, DRESSES, COATS, SUITS, JACKETS, SPORT SOCKS, GLOVES MADE OF LEATHER OR FABRIC, HATS, APPAREL BELTS, SWEATERS, BATH ROBES, BATHING SUITS, SHORTS, AND SLACKS. HELEN SHAW ORMSBEE, Portland, Maine.
Filed June 5, 1947. Serial No. 523,605. PUBLISHED JANUARY 6, 1948. Class 39.

437,824. TOBACCO PRODUCTS—NAMELY, TOBACCO CARTRIDGES. TOBACCO CARTRIDGE CORP., New York, N. Y.
Filed June 5, 1947. Serial No. 523,626. PUBLISHED DECEMBER 30, 1947. Class 17.

437,825. SHEET PACKING, INDUSTRIAL BELTING, AND HOSE. GOODALL RUBBER COMPANY, INC., Trenton, N. J.
Filed June 6, 1947. Serial No. 523,662. PUBLISHED JANUARY 6, 1948. Class 35.

437,826. PERIODICAL PUBLICATION. TEXAS HARDWARE BOOSTERS CLUB, Pearsall, Tex.
Filed June 6, 1947. Serial No. 523,715. PUBLISHED DECEMBER 23, 1947. Class 38.

437,827. MECHANICALLY GROOVED PHONOGRAPH RECORDS. TREASURVOX, New York, N. Y.
Filed June 6, 1947. Serial No. 523,717. PUBLISHED JANUARY 6, 1948. Class 36.

437,828. PORTABLE, FOLDABLE SEATS. VIKTOR PECHA, Bay City, Mich.
Filed June 6, 1947. Serial No. 523,720. PUBLISHED DECEMBER 9, 1947. Class 32.

437,829. CLINICAL THERMOMETERS. THE MAARTEN VAN DER REIS COMPANY, INC., New York, N. Y.
Filed June 10, 1947. Serial No. 523,900. PUBLISHED DECEMBER 30, 1947. Class 44.

437,830. ANTI-ASTHMATIC PREPARATION. LES LABORATOIRES DAUSSE, SOCIÉTÉ ANONYME, Paris, France.
Filed June 11, 1947. Serial No. 523,969. PUBLISHED JANUARY 6, 1948. Class 6.

437,831. ZINC ANODES FOR USE IN ZINC ELECTROPLATING SOLUTIONS. E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del.
Filed June 12, 1947. Serial No. 524,057. PUBLISHED NOVEMBER 25, 1947. Class 14.

437,832. BULLETIN RELATING TO INDUSTRIAL MARKETS, PRODUCTS AND SERVICES, PUBLISHED FROM TIME TO TIME. MCGRAW-HILL PUBLISHING CO., INC., New York, N. Y.
Filed June 12, 1947. Serial No. 524,070. PUBLISHED DECEMBER 23, 1947. Class 38.

437,833. FLUID EXTRACT BELLADONA LEAVES; FLUID EXTRACT COLCHICUM; FLUID EXTRACT COTTONROOT BARK; FLUID EXTRACT ERGOT; FLUID EXTRACT GENTIAN, ETC. SCHIEFFELIN & CO., New York, N. Y.
Filed June 12, 1947. Serial No. 524,084. PUBLISHED JANUARY 6, 1948. Class 6.

437,834. WINDOW SHADE ROLLERS AND WINDOW SHADE ROLLERS WITH SHADES MOUNTED THEREON. STEWART HARTSHORN COMPANY, New York, N. Y.
Filed June 12, 1947. Serial No. 524,088. PUBLISHED DECEMBER 23, 1947. Class 32.

437,835. PNEUMATIC MATTRESSES. HODGMAN RUBBER COMPANY, Framingham, Mass.
Filed June 13, 1947. Serial No. 524,131. PUBLISHED DECEMBER 9, 1947. Class 32.

437,836. PNEUMATIC MATTRESSES. HODGMAN RUBBER COMPANY, Framingham, Mass.
Filed June 13, 1947. Serial No. 524,132. PUBLISHED DECEMBER 9, 1947. Class 32.

437,837. PNEUMATIC MATTRESSES. HODGMAN RUBBER COMPANY, Framingham, Mass.
Filed June 13, 1947. Serial No. 524,133. PUBLISHED DECEMBER 9, 1947. Class 32.

437,838. TOOTH BRUSHES. ROYAL HOME PRODUCTS, INCORPORATED, doing business as Zanol Products, Cincinnati, Ohio.
Filed June 14, 1947. Serial No. 524,213. PUBLISHED DECEMBER 16, 1947. Class 29.

437,839. CONTAINER DISPENSER FOR INTRAVENOUS SOLUTIONS, EQUIPMENT FOR CONDUCTING FLUIDS TO OR FROM A CONTAINER AND A PATIENT, AND TUBING FOR CONDUCTING FLUIDS TO OR FROM CONTAINER AND A PATIENT. DON BAXTER, INC., Glendale, Calif.
Filed June 16, 1947. Serial No. 524,239. PUBLISHED DECEMBER 23, 1947. Class 44.

437,840. SHOES MADE OF LEATHER, FABRIC, OR COMPOSITIONS AND COMBINATIONS THEREOF. H. O. RONDEAU SHOE CO. INC., Farmington, N. H.
Filed June 17, 1947. Serial No. 524,323. PUBLISHED DECEMBER 16, 1947. Class 39.

437,841. HAIR BRUSHES, AND EYEBROW AND EYELASH BRUSHES FOR APPLYING EYEBROW AND EYELASH PREPARATIONS. DAVID H. MARSHALL, doing business as Marlee Sales Co., New York, N. Y.
Filed June 17, 1947. Serial No. 524,338. PUBLISHED DECEMBER 23, 1947. Class 29.

437,842. PLASTIC TOY TOPS. PLASTIC DIE & TOOL CORPORATION, Los Angeles, Calif.
Filed June 17, 1947. Serial No. 524,343. PUBLISHED OCTOBER 28, 1947. Class 22.

437,843. MEN'S AND YOUNG MEN'S OVERCOATS AND TOPCOATS. ROSENBERG, LIEBLICH & FRANK, New York, N. Y.
Filed June 17, 1947. Serial No. 524,349. PUBLISHED DECEMBER 16, 1947. Class 39.

437,844. SUDSING CLEANER, CLEANSER AND DETERGENT. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed June 18, 1947. Serial No. 524,415. PUBLISHED DECEMBER 9, 1947. Class 4.

437,845. SUDSING CLEANER, CLEANSER AND DETERGENT. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed June 18, 1947. Serial No. 524,416. PUBLISHED DECEMBER 9, 1947. Class 4.

437,846. SUDSING CLEANER, CLEANSER, AND DETERGENT. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed June 19, 1947. Serial No. 524,478. PUBLISHED DECEMBER 9, 1947. Class 4.

437,847. SUDSING CLEANER, CLEANSER, AND DETERGENT. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed June 19, 1947. Serial No. 524,479. PUBLISHED DECEMBER 9, 1947. Class 4.

437,848. SUDSING CLEANER, CLEANSER AND DETERGENT. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed June 20, 1947. Serial No. 524,563. PUBLISHED DECEMBER 9, 1947. Class 4.

437,849. INFLATABLE MATTRESSES, CUSHIONS, AND PILLOWS. NEW YORK RUBBER CORPORATION, New York, N. Y.
Filed June 24, 1947. Serial No. 524,716. PUBLISHED DECEMBER 23, 1947. Class 32.

437,850. MEN'S AND WOMEN'S PLASTIC BELTS. ALAN PLASTICS CORP., Irvington, N. J.
Filed June 25, 1947. Serial No. 524,756. PUBLISHED DECEMBER 16, 1947. Class 39.

437,851. SHOES MADE OF LEATHER, FABRIC, PLASTICS, RUBBER, AND COMBINATIONS THEREOF. AMERICAN SHOE COMPANY, INCORPORATED, St. Louis, Mo.
Filed June 25, 1947. Serial No. 524,758. PUBLISHED DECEMBER 23, 1947. Class 39.

437,852. PILLOWS, MATTRESSES, AND BOX SPRINGS. R. C. HELLER CO. INC., Baltimore, Md.
Filed June 27, 1947. Serial No. 524,987. PUBLISHED DECEMBER 23, 1947. Class 32.

437,853. BOOKS AND PAMPHLETS. THE H. R. HUNTTING COMPANY, Springfield, Mass.
Filed June 28, 1947. Serial No. 525,083. PUBLISHED DECEMBER 23, 1947. Class 38.

437,854. LADIES' AND MEN'S LOUNGING COATS. PULLMAN PAJAMAS, INC., New York, N. Y.
Filed June 28, 1947. Serial No. 525,108. PUBLISHED DECEMBER 23, 1947. Class 39.

437,855. PREPARATION POSSESSING SEDATIVE AND ESTROGENIC PROPERTIES, USEFUL IN THE TREATMENT AND PREVENTION OF FEMALE AILMENTS PARTICULARLY THOSE OF THE MENOPAUSE. SHARP & DOHME, INCORPORATED, Philadelphia, Pa.
Filed June 28, 1947. Serial No. 525,115. PUBLISHED DECEMBER 16, 1947. Class 6.

437,856. SEDATIVE EXPECTORANT, AND TONICS USED IN THE TREATMENT AND PREVENTION OF METABOLIC DEFICIENCIES AND CONTAINING IRON, LIVER, AND VITAMINS, EITHER SEPARATELY OR JOINTLY. SHARP & DOHME, INCORPORATED, Philadelphia, Pa.
Filed June 28, 1947. Serial No. 525,117. PUBLISHED DECEMBER 16, 1947. Class 6.

437,857. ANTI-ACID LAXATIVE. T. ROY BARNES, doing business as Mag-So-Lax Company, Tulsa, Okla.
Filed June 30, 1947. Serial No. 525,184. PUBLISHED JANUARY 6, 1948. Class 6.

437,858. INSECTICIDES. CHEMOLA MANUFACTURING COMPANY, Houston, Tex.
Filed June 30, 1947. Serial No. 525,195. PUBLISHED DECEMBER 23, 1947. Class 6.

437,859. PUBLICATIONS, ISSUED PERIODICALLY. GENUINE PARTS COMPANY, Atlanta, Ga.
Filed June 30, 1947. Serial No. 525,211. PUBLISHED DECEMBER 23, 1947. Class 38.

437,860. LIQUID COUGH PREPARATION AND COLD TABLETS. LEO BRANCHE, Syracuse, N. Y.
Filed July 1, 1947. Serial No. 525,293. PUBLISHED JANUARY 6, 1948. Class 6.

437,861. NIGHT CREME, HAND CREME, AND CLEANSING CREME. RENÉE FRELON, INC., Chicago, Ill.
Filed July 1, 1947. Serial No. 525,311. PUBLISHED DECEMBER 23, 1947. Class 6.

437,862. LIQUID SHOE WAX FOR POLISHING SHOES. OLD DUTCH INDUSTRIAL PRODUCTS CO. INC., Harrison, N. J.
Filed July 1, 1947. Serial No. 525,397. PUBLISHED DECEMBER 9, 1947. Class 4.

437,863. LIQUID AND POWDER DETERGENT CLEANSING AGENTS TO BE USED AS A DETERGENT, SANITIZER AND CLEANSER FOR VARIOUS MANUFACTURING AND PROCESSING MACHINERY, EQUIPMENT, AND ESTABLISHMENTS WHERE SUCH EQUIPMENT IS INSTALLED OR USED. TYKOR PRODUCTS INC., New York, N. Y.
Filed July 1, 1947. Serial No. 525,459. PUBLISHED DECEMBER 9, 1947. Class 4.

437,864. DENTURE CLEANER AND STAIN REMOVER. ALLEN O. WALKER, doing business as Marvella Products Company, Peoria, Ill.
Filed July 1, 1947. Serial No. 525,461. PUBLISHED DECEMBER 16, 1947. Class 4.

437,865. PREPARATION AND BEAUTIFIER FOR THE HAIR—NAMELY, A CREAM AND REMOVER OF LOOSE DANDRUFF FROM THE SCALP. ANGELO AMENTA, doing business as A. Amenta & Company, Paterson, N. J.
Filed July 1, 1947. Serial No. 525,519. PUBLISHED DECEMBER 30, 1947. Class 6.

437,866. MONTHLY PUBLICATION. LOCAL 802, AMERICAN FEDERATION OF MUSICIANS, ASSOCIATED MUSICIANS OF GREATER NEW YORK, New York, N. Y.
Filed July 2, 1947. Serial No. 525,523. PUBLISHED DECEMBER 23, 1947. Class 38.

437,867. WOMEN'S HATS AND HAT BODIES. MERRIMAC HAT CORPORATION, Amesbury, Mass.
Filed July 2, 1947. Serial No. 525,644. PUBLISHED DECEMBER 16, 1947. Class 39.

437,868. CLOCKS, STRIKING CLOCKS; MEN'S AND LADIES' WATCHES—NAMELY, STRAP, POCKET AND PENDENT, PLAIN, ENGRAVED, AND PRECIOUS STONE SET; WATCH MOVEMENTS AND CASES. C. D. PEACOCK, INC., Chicago, Ill.
Filed July 2, 1947. Serial No. 525,670. PUBLISHED DECEMBER 23, 1947. Class 27.

437,869. BELTS FOR PERSONAL WEAR. STELZER BROS. INC., New York, N. Y.
Filed July 2, 1947. Serial No. 525,699. PUBLISHED DECEMBER 30, 1947. Class 39.

437,870. GIRLS', MISSES' AND WOMEN'S SUITS, WOVEN FABRIC COATS, DRESSES, SWEATERS, BLOUSES, SLACKS, SKIRTS, NIGHT GOWNS, NIGHT SHIRTS, PETTICOATS, PANTIES, ETC. BOND STORES, INCORPORATED, New York, N. Y.
Filed July 3, 1947. Serial No. 525,778. PUBLISHED JANUARY 6, 1948. Class 39.

437,871. LADIES' AND MISSES' COATS. JULIUS NELSON CORP., New York, N. Y.
Filed July 3, 1947. Serial No. 525,929. PUBLISHED DECEMBER 23, 1947. Class 39.

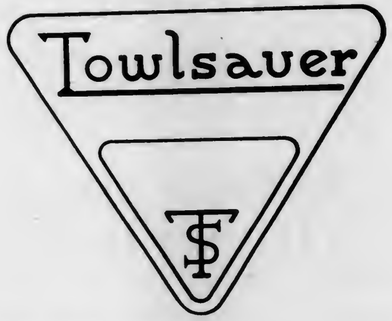
437,872. FRESH DECIDUOUS FRUITS. HOTCHKISS FRUIT EXCHANGE, Hotchkiss, Colo.
Filed July 4, 1947. Serial No. 526,230. PUBLISHED DECEMBER 9, 1947. Class 46.

437,873. NON-ELECTRICAL PHONOGRAPHS, NON-ELECTRIC SOUND RECORDS FOR PHONOGRAPHS, PHONOGRAPH RECORD BLANKS, PHONOGRAPH RECORD ALBUMS, AND PHONOGRAPH STYLI OR NEEDLES. RADIO CORPORATION OF AMERICA, New York, N. Y.
Filed July 4, 1947. Serial No. 526,288. PUBLISHED JANUARY 6, 1948. Class 36.

ACT OF 1920

These registrations are not subject to opposition.

437,874. (CLASS 37. PAPER AND STATIONERY.) TOWLSAVER, INC., Los Angeles, Calif. Filed July 17, 1943. Serial No. 462,152.



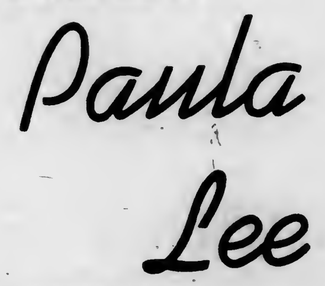
FOR PAPER TOWELS.
Claims use since May 1943.

437,875. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HUNT BROTHERS PACKING COMPANY, San Francisco, Calif., now by change of name Hunt Foods, Inc. Filed Apr. 28, 1945. Serial No. 482,747.



Applicant is the owner of Reg. Nos. 154,771; 178,947; 179,411; 179,412; 397,355; and 426,367.
FOR CANNED FRUITS, CANNED FRUIT JUICES FOR FOOD PURPOSES, CANNED FISH, FRUIT BUTTERS, VINEGAR, COFFEE, TEA, CANNED BERRIES, CANNED VEGETABLE JUICES FOR FOOD PURPOSES, CANNED SHELL FISH, BLACKBERRY PRESERVES, OLIVES, TABLE SYRUP, CANNED VEGETABLES, CANNED SOUPS, CANNED TOMATO SAUCE, PICKLES, SALAD DRESSING, PREPARED MUSTARD, PEANUT BUTTER, DRIED FRUITS, SPAGHETTI, PANCAKE AND WAFFLE FLOUR, BREAKFAST CEREALS, BREAD, DESSERT POWDERS, SPICES, CANNED STRAINED APPLES, SALTED NUTS, OLIVE OIL, BAKING POWDER, POPCORN IN ITS NATURAL STATE, DRIED VEGETABLES, PACKAGED MACARONI AND CHEESE, CANNED PORK AND BEANS WITH TOMATO SAUCE, EVAPORATED MILK, GRATED CHEESE, HONEY, FLAVORING EXTRACTS FOR FOODS, CANDY, FROZEN BERRIES, DECIDUOUS FRUIT, VEGETABLES, AND FISH.
Claims use since Feb. 1, 1895, for canned fruits, and canned vegetables; since 1908, for canned fish and blackberry preserves; since Nov. 3, 1944, for canned fruit juices for food purposes, fruit butters, vinegar, coffee, tea, canned berries, canned vegetable juices for food purposes, canned shell fish, olives, table syrup, canned soups, canned tomato sauce, pickles, salad dressing, prepared mustard and peanut butter; since Mar. 31, 1945, for dried fruits, spaghetti, pancake and waffle flour, breakfast cereals, bread, dessert powders, spices, canned strained apples, salted nuts, olive oil, baking powder, popcorn in its natural state, dried vegetables, packaged macaroni and cheese, canned pork and beans with tomato sauce, evaporated milk, grated cheese, honey, flavoring extracts for foods, candy, frozen berries, deciduous fruit, vegetables, and fish.

437,876. (CLASS 39. CLOTHING.) SIDNEY FLETCHER & CO., INC., New York, N. Y., now by change of name Paula Lee Frocks, Inc., a corporation of New York. Filed Feb. 6, 1946. Serial No. 496,073.



FOR CHILDREN'S DRESSES.
Claims use since November 1945.

437,877. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE FAULTLESS RUBBER COMPANY, Ashland, Ohio. Filed Feb. 27, 1946. Serial No. 497,302.

Faultless

FOR BABY HOT WATER BOTTLES, BREAST PUMPS, BULB SYRINGES, CATHETERS, COLON TUBES, HOT WATER BOTTLES, HOT WATER BOTTLE SYRINGE ATTACHMENTS, COMBINATION SYRINGES, SPONGE RUBBER HOT WATER BOTTLE COVERS, CRUTCH TIPS, DOUCHE SYRINGES, EAR SYRINGES, FACE BOTTLES, FOUNTAIN SYRINGES, ICE CAPS, INFANT SYRINGES, INVALID CUSHIONS, VAGINAL SYRINGES, LEVIN DUODENAL TUBES, MEDICINE DROPPERS, NURSING NIPPLES, NURSING BOTTLE COVERS, NURSER BOTTLE AND NIPPLE COMBINATIONS, NURSER BOTTLE AND NIPPLE AND CAP COMBINATIONS, PESSARIES, RECTAL TUBES, SERUM STOPPLES, STOMACH TUBES, SURGEONS' GLOVES, SYRINGES, SYRINGE DOUCHES, SYRINGE TUBING, THROAT ICE BAGS, SURGICAL TUBING, AND SYRINGE ACCESSORY ASSORTMENTS—NAMELY, SYRINGE TUBING, PIPES, SHUT-OFFS, AND CONNECTIONS, SEPARATELY AND IN SETS.
Claims use since 1901.

437,878. (CLASS 32. FURNITURE AND UPHOLSTERY.) ALLEN L. CLOUSE AND FRANCIS J. MURPHY, Moscow, Pa. Filed Apr. 1, 1946. Serial No. 499,388.

BRUNT-CRAFT

FOR VANITY DRESSERS, NIGHT TABLES, KITCHEN STOOLS, PORCH GLIDERS, ROCKING CHAIRS, CHESTS OF DRAWERS, CHIFFOROBES, DESK, DESK CHAIRS, DINING, END, AND COFFEE TABLES; KITCHEN, CORNER, FLOOR, AND WALL CABINETS MADE OF WOOD, STEEL, AND/OR COMBINATIONS THEREOF.
Claims use since Oct. 1, 1945.

437,879. (CLASS 38. PRINTS AND PUBLICATIONS.) AVO S. LAWLESS, Fort Smith, Ark. Filed May 3, 1946. Serial No. 501,393.

FORT SMITH UNION NEWS

FOR WEEKLY NEWSPAPER.
Claims use since July 15, 1941.

437,880. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) ANGLO FABRICS COMPANY, INC., New York, N. Y. Filed May 15, 1946. Serial No. 502,108.

KORDETTE

FOR WOOLEN AND WORSTED SUITINGS IN THE PIECE.
Claims use since Feb. 16, 1946.

437,881. (CLASS 37. PAPER AND STATIONERY.) THERON R. GREEN, Pine Bluff, Ark. Filed Sept. 10, 1946. Serial No. 508,799.

fotofirst

FOR PHOTOGRAPH FOLDERS.
Claims use since June 1946.

437,882. (CLASS 32. FURNITURE AND UPHOLSTERY.) JOHN LANDRUM, San Francisco, Calif. Filed Sept. 16, 1946. Serial No. 509,152.

E-Z-KLEANED

FOR VENETIAN BLINDS.
Claims use since July 10, 1946.

437,883. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN H. BRECK, INC., Springfield, Mass. Filed Sept. 17, 1946. Serial No. 509,195.

BRECK

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LATHER OIL SHAMPOO

FOR SHAMPOO.
Claims use since Aug. 2, 1932.

437,884. (CLASS 38. PRINTS AND PUBLICATIONS.) MIAMI VISITOR PUBLISHING COMPANY, INC., Miami, Fla. Filed Mar. 5, 1947. Serial No. 518,551.

MIAMI—MIAMI BEACH

VISITOR

FOR MAGAZINE CONTAINING ARTICLES RELATING TO FLORIDA AND ESPECIALLY TO MIAMI AND MIAMI BEACH.
Claims use since 1935.

437,885. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) THE FAULTLESS RUBBER COMPANY, Ashland, Ohio. Filed May 2, 1947. Serial No. 521,730.

Faultless

FOR SPONGE RUBBER, RUBBER SPONGE, AND RUBBER SPONGES.
Claims use since 1911.

437,886. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS). THE FAULTLESS RUBBER COMPANY, Ashland, Ohio. Filed May 2, 1947. Serial No. 521,731.

Faultless

FOR BASEBALLS, CROQUET BALLS, CROQUET MALLET TIPS, BALLS FOR PLAYING JACKS, PLAYGROUND SOFT BALLS, RUBBER PLAY BALLS, RETURN BALLS WITH ATTACHED ELASTIC, TENNIS BALLS, GOLF BALLS, FOOTBALLS, RUBBER PLAY BLOCKS, AND RUBBER NOVELTIES—NAMELY, RUBBER DICE, NUTS, CANDY, FRUIT, EGGS, ANIMALS, CIGARETTES, AND CIGARS.
Claims use since 1911.

ACT OF 1946, PRINCIPAL REGISTER

500,013. WOOLEN PIECE GOODS. CASCADE WOOLEN MILL, Oakland, Maine.
Filed July 5, 1947. Serial No. 526,722. PUBLISHED DECEMBER 30, 1947. Class 42.

500,014. WITHDRAWN.

500,015. COTTON PIECE GOODS. CLIFTON MANUFACTURING COMPANY, Clifton, S. C.
Filed July 9, 1947. Serial No. 528,192. PUBLISHED DECEMBER 30, 1947. Class 42.

500,016. WOMEN'S DRESSES. ISAAC GINSBERG & BROS. INC., New York, N. Y.
Filed July 12, 1947. Serial No. 528,440. PUBLISHED JANUARY 6, 1948. Class 39.

500,017. WOVEN WOOLEN AND WORSTED FABRICS IN THE PIECE. WANSKUCK COMPANY, Providence, R. I., and New York, N. Y.
Filed July 12, 1947. Serial No. 528,547. PUBLISHED JANUARY 13, 1948. Class 42.

500,018. LADIES' COATS. LOU TISHMAN CO., INC., New York, N. Y.
Filed July 18, 1947. Serial No. 528,899. PUBLISHED JANUARY 6, 1948. Class 39.

500,019. RAYON, COTTON, LINEN, WOOL, NYLON, AND SILK GOODS IN THE PIECE. MARTIN WEINER CORP., Clifton, N. J., and New York, N. Y.
Filed July 22, 1947. Serial No. 529,217. PUBLISHED JANUARY 13, 1948. Class 42.

500,020. COLLAPSIBLE POCKET UMBRELLAS. THE FRANKFORD UMBRELLA MANUFACTURING COMPANY, Philadelphia, Pa.
Filed July 25, 1947. Serial No. 529,454. PUBLISHED JANUARY 6, 1948. Class 41.

ACT OF 1946, SUPPLEMENTAL REGISTER

These registrations are not subject to opposition.

500,021. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) FABRICS-LACE, INC., New York, N. Y. Filed Apr. 19, 1946. Serial No. 500,532.



FOR UNIT ASSEMBLIES CONSISTING OF A LENGTH OF PIECE GOODS, TRIMMING MATERIALS, AND A PATTERN FOR MAKING A GARMENT THEREFROM.
Claims use since Apr. 3, 1946.

500,022. (CLASS 39. CLOTHING.) BRAE-BURN HAT CO., INC., New York, N. Y. Filed Sept. 9, 1947. Serial No. 533,842.

Randy Lee

FOR LADIES' HATS.
Claims use since June 12, 1946.

TRADE-MARK REGISTRATIONS RENEWED

211,843. ARROWHEAD. Registered Apr. 20, 1926. The Northwest Paper Company, Cloquet, Minn., a corporation of Minnesota. Renewed Apr. 20, 1946. ENVELOPE PAPER. Class 37.

224,406. GLUCO-CALCIUM. Registered Feb. 22, 1927. Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana. Renewed Jan. 5, 1948 (Supplemental Register). LIQUID PREPARATION INTENDED PRINCIPALLY FOR THE TREATMENT OF TUBERCULOSIS. Class 6.

225,709. KIT. Registered Mar. 22, 1927. Rowland B. Page, doing business as Page Milk Company. Renewed Mar. 22, 1947, to The Page Milk Company, Merrill, Wis., a corporation of Delaware. EVAPORATED MILK. Class 46.

227,440. PEOPLES. Registered May 3, 1927. Peoples Drug Stores, Inc. Renewed May 3, 1947, to Peoples Drug Stores, Incorporated, Washington, D. C., a corporation of Maryland. DENATURED ALCOHOL, DOBELL'S SOLUTION, ZINC OINTMENT, ZINC-OXIDE POWDER, CASCARA SAGRADA, COLD CREAM, CASTOR OIL, AND OTHER NAMED DRUG ITEMS. Class 6.

229,561. MAGNUS. Registered June 28, 1927. The Gardiner Hall Jr. Company, South Willington, Conn., and New York, N. Y., a corporation of Connecticut. Renewed June 28, 1947. THREAD. Class 43.

230,395. MEXI-PEP. Registered July 19, 1927. B. F. Trappey & Sons, Jeanerette, La. Renewed July 19, 1947, to B. F. Trappey's Sons, Inc., New Iberia, La., a corporation of Louisiana. PEPPER SAUCE. Class 46.

231,931. KRACKO-JAK. Registered Aug. 30, 1927. F. I. Siegel & Son, doing business as Fison Paint Products Company. Renewed Aug. 30, 1947, to F. I. Siegel & Son, Inc., Union City, N. J., a corporation of New Jersey. PAINTS, READY MIXED, DRY, AND PASTE; VARNISH, LACQUER, AND PAINT ENAMELS. Class 16.

232,188. "FISON" AND DIAMOND SHAPED DESIGN. Registered Sept. 6, 1927. F. I. Siegel & Son, doing business as Fison Paint Products Company. Renewed Sept. 6, 1947, to F. I. Siegel & Son, Inc., Union City, N. J., a corporation of New Jersey. PAINTS, READY-MIXED, DRY, AND PASTE, VARNISH, LACQUER, AND PAINT ENAMELS. Class 16.

237,451. BATTLE STORIES. Registered Jan. 10, 1928. Fawcett Publications, Inc., Robbinsdale, Minn. Renewed Jan. 10, 1948, to Fawcett Publications, Inc., Greenwich, Conn., a corporation of Delaware. MONTHLY PUBLICATION. Class 38.

238,736. "MINWAX" AND DESIGN. Registered Feb. 14, 1928. Minwax Company, Inc., New York, N. Y., a corporation of New York. Renewed Feb. 14, 1948. ASPHALT-SATURATED FABRICS FOR WATERPROOFING, ASPHALT AND ASPHALT PRODUCTS, AND OTHER NAMED CONSTRUCTION MATERIALS. Class 12.

240,671. PYTHON. Registered Apr. 3, 1928. Pacific Clay Products, Los Angeles, Calif., a corporation of California. Renewed Apr. 3, 1948. BRICK—NAMELY, FIRE BRICK. Class 12.

TRADE-MARK REGISTRATIONS CANCELED

293,543. JAYN JAY. Registered Apr. 26, 1932. Jacobs & Jacobs, New York, N. Y. FROCKS FOR THE USE OF CHILDREN. Class 39. Canceled Mar. 3, 1948.

399,238. MAXIZE. Registered Dec. 22, 1942. Hercules Powder Company, Wilmington, Del. ROSIN SIZE FOR USE IN THE SIZING OF PAPER. Class 6. Canceled Mar. 8, 1948.

417,500. ARIDASE. Registered Oct. 30, 1945. Wallerstein Company, Inc., New York, N. Y. PREPARATION IN DRY POWDER FORM FOR USE IN THE PROCESSING OF TEXTILES, ETC. Class 6. Canceled Mar. 3, 1948.

419,570. PHOTO-CRAFT. Registered Feb. 19, 1946. Milton M. Mendelsohn, Chicago, Ill. CAMERAS, PHOTOGRAPHIC LENSES, ETC. Class 26. Canceled Mar. 3, 1948.

431,071. CULLA-WAX. Registered July 1, 1947. Al A. Banks, doing business as Lyk-Nu Company, New York, N. Y. COMBINATION LIQUID WAXING PREPARATION FOR USE IN CLEANING AND POLISHING AUTOMOBILE BODY SURFACES. Class 16. Canceled Mar. 3, 1948.

431,153. DANCO AND DESIGN. Registered July 8, 1947. Danco Corporation, New York, N. Y. TOBACCO PIPES. Class 8. Canceled Mar. 3, 1948.

432,760. BANANA TREAT. Registered Sept. 9, 1947. Robert W. Rogers, Chicago, Ill. CANDY. Class 46. Canceled Mar. 3, 1948.

TRADE-MARK REGISTRATIONS AMENDED, SURRENDERED, DISCLAIMED, CORRECTED, ETC.

232,069. "QUAKER RUBBER CORPORATION REDSKIN" ETC. Registered Aug. 30, 1927. Quaker City Rubber Company, Wissinoming, Philadelphia, Pa. BELTING. Class 35. Corrected as follows: In the renewal certificate, line 3, state of incorporation, for "Delaware" read ~~Pennsylvania~~ *Pennsylvania*.

435,105. MAGNIFICENCE DE MOLYNEUX. Registered Dec. 9, 1947. Manufacturers and Importers of French Perfumes Inc., New York, N. Y. PERFUMES AND TOILET WATERS. Class 6. Corrected as follows: In the certificate, line 4, and in the statement, lines 3 and 4, for "State of New York" read *State of Delaware.*

TRADE-MARK REGISTRATIONS REPUBLISHED

The following marks registered under the act of 1905, or the act of 1881, are published under the provisions of section 12(c) of the Trade-Mark Act of 1946. These registrations are not subject to opposition but are subject to cancellation under section 14 of the act of 1946.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Reg. No. 241,448. Registered May 1, 1928. THE ESSEX COAL COMPANY, Columbus, Ohio. Republished by Essex Coal Sales Company, Columbus, Ohio, a corporation of Ohio.



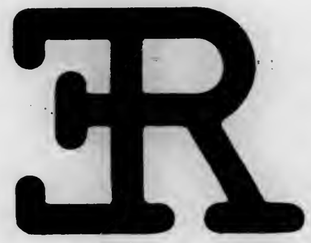
FOR COAL.
Claims use since August 1926.

Reg. No. 321,309. Registered Jan. 29, 1935. FOUKE FUR COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.



The words "Brown," "Alaska Seal Skin" and "St. Louis Dressing Dye" are disclaimed.
FOR FURS, SKINS, HIDES, AND PELTS.
Claims use since Aug. 16, 1934.

Reg. No. 341,380. Registered Dec. 8, 1936. ERIE RESISTOR CORPORATION, Erie, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR MOLDINGS OF PLASTIC COMPOSITION MATERIAL.
Claims use since Jan. 21, 1936.

Reg. No. 358,152. Registered June 28, 1938. FOUKE FUR COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

TRANSVELDT

FOR FUR SKINS, HIDES, AND PELTS.
Claims use since Jan. 14, 1937.

Reg. No. 360,598. Registered Sept. 20, 1938. THE CONSOLIDATED COAL COMPANY, St. Louis, Mo., a corporation of Illinois. Republished by registrant.

BUCKHORN

FOR COAL.
Claims use since Feb. 15, 1938.

Reg. No. 363,406. Registered Dec. 27, 1938. GERMAIN SEED AND PLANT COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

Quintuplet

FOR FLOWER SEEDS—NAMELY, ZINNIAS AND FLOWER GARDEN MIXTURE.
Claims use since Aug. 11, 1937.

Reg. No. 380,662. Registered Aug. 27, 1940. THE AMERICAN OAK LEATHER COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

"AmOKrome"

The word "Krome" is disclaimed.
FOR LEATHER.
Claims use since Mar. 21, 1940.

Reg. No. 393,164. Registered Jan. 27, 1942. NATIONAL WAX COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

PLASTICRUDE

FOR COMPOUNDED PETROLEUM WAX.
Claims use since July 28, 1941.

Reg. No. 396,299. Registered July 7, 1942. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SANTOWAX

The word "Wax" is disclaimed.
FOR SOLID WAXY MATERIALS FOR USE AS SUBSTITUTES FOR ANIMAL, MINERAL, AND VEGETABLE WAXES SOLD TO THE TRADE FOR USE IN THE INDUSTRIAL ARTS.
Claims use since about Oct. 17, 1938.

Reg. No. 405,576. Registered Feb. 8, 1944. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

RESIMENE

FOR SYNTHETIC RESIN COMPOSITIONS IN THE FORM OF PARTICULAR SOLIDS SUITABLE FOR MOLDING.
Claims use since about Mar. 31, 1943.

CLASS 2

RECEPTACLES

Reg. No. 142,431. Registered May 17, 1921. ANDROSCOGGIN MILLS, Lewiston, Maine. Republished by Bemis Bro. Bag Company, St. Louis, Mo., a corporation of Missouri.

AMERICAN A

FOR GRAIN-BAGS.
Claims use since about 1870.

Reg. No. 290,810. Registered Jan. 19, 1932. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

DUOTEX

FOR FABRIC BAGS MADE EITHER OF FABRIC ALONE OR A COMBINATION OF FABRIC AND PAPER.
Claims use since July 1931.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Reg. No. 362,342. Registered Nov. 15, 1938. HARTMANN TRUNK COMPANY, Racine, Wis. Republished by Hartmann Company, Racine, Wis., a corporation of Wisconsin.

DUCORD

FOR SUITCASES, TRUNKS, HAT BOXES FOR LUGGAGE PURPOSES, AND WARDROBE HAND LUGGAGE.
Claims use since May 31, 1938.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Reg. No. 364,529. Registered Feb. 7, 1939. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SANTOMERSE

FOR CHEMICAL COMPOUNDS FOR USE AS CLEANSING AND WASHING COMPOSITIONS IN LIQUID AND SOLID FORM FOR HOUSEHOLD AND INDUSTRIAL APPLICATION.
Claims use since Jan. 28, 1938.

Reg. No. 373,112. Registered Nov. 28, 1939. BLIND-X COMPANY, Minneapolis, Minn. Republished by The Blind-X Company, Incorporated, Minneapolis, Minn., a corporation of Minnesota.

Blind-X

The word "Blind" is disclaimed.
FOR CLEANER FOR VENETIAN BLINDS AND PAINTED AND VARNISHED SURFACES AND THE LIKE.
Claims use since Aug. 29, 1938.

Reg. No. 374,584. Registered Jan. 16, 1940. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

No. 140
LIQUID
DRY CLEANER

The words "Liquid Dry Cleaner" are disclaimed.
FOR LIQUID DRY CLEANER.
Claims use since July 25, 1939.

Reg. No. 387,038. Registered Apr. 29, 1941. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

MAINTENOL

FOR CLEANING COMPOUND FOR CLEANING AND WASHING FLOORS, WALLS, AND WOODWORK.
Claims use since on or about Sept. 3, 1939.

Reg. No. 407,494. Registered June 6, 1944. CAMPANA SALES COMPANY, Batavia, Ill., a corporation of Illinois. Republished by registrant.

DEVASTATING

FOR TOILET SOAPS.
Claims use since Dec. 15, 1943.

Reg. No. 408,865. Registered Aug. 29, 1944. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

DUZ

FOR SOAP.
Claims use since Nov. 3, 1919.

CLASS 5

ADHESIVES

Reg. No. 397,247. Registered Aug. 25, 1942. THE F. G. FINDLEY CO., Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

PICK-ETS

FOR ADHESIVE CEMENT PARTICULARLY CONSTITUTED AND ADAPTED FOR USE IN AFFIXING ONE EDGE OF A LABEL TO A CAN OR SIMILAR CONTAINER IN A LABELING MACHINE.
Claims use since Feb. 6, 1942.

Reg. No. 404,472. Registered Nov. 23, 1943. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

RESIMENE

FOR THERMOSETTING SYNTHETIC RESIN ADHESIVES FOR LAMINATING PURPOSES.
Claims use since about May 14, 1943.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Reg. No. 129,685. Registered Mar. 9, 1920. E. I. DU PONT DE NEMOURS & COMPANY, Wilmington, Del. Republished by Mallinckrodt Chemical Works, St. Louis, Mo., a corporation of Missouri.

PARLODION

FOR COLLODION.
Claims use since Aug. 30, 1917.

Reg. No. 255,266. Registered Apr. 16, 1929. WATSON-PARK COMPANY, Boston, Mass., a corporation of Maine. Republished by registrant.

PENOTEX

FOR CHEMICAL PREPARATION FOR USE AS A WETTING-OUT AND PENETRATING AGENT IN THE PROCESS OF DYEING WOOL, COTTON, FLAX, HEMP, SILK, JUTE, RAMIE, RAYON, AND OTHER TEXTILE MATERIALS, WHETHER IN A RAW, TWISTED, OR FABRICATED STATE.
Claims use since Sept. 19, 1927.

Reg. No. 314,577. Registered July 3, 1934. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

HIPPURAN

FOR SODIUM ORTHO-IODOHIPPURATE, A PHARMACEUTICAL PRODUCT COMPRISING AN OPAQUE MEDIUM EMPLOYED FOR X-RAY DIAGNOSIS AND VARIOUS OTHER THERAPEUTIC AND LABORATORY PURPOSES.
Claims use since Feb. 6, 1934.

Reg. No. 326,011. Registered July 9, 1935. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

HYPORICE

FOR SODIUM HYPOSULPHITE IN CRYSTAL FORM.
Claims use since Feb. 19, 1935.

Reg. No. 326,549. Registered July 23, 1935. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

CURE-DAMP

The letters "R," "E," and "D," and the hyphen are lined to indicate the color red. The words "Cure," "Damp," and "Red" are disclaimed.

FOR CUPROUS OXIDE (RED OXIDE OF COPPER).

Claims use since Nov. 22, 1933.

Reg. No. 357,787. Registered June 14, 1938. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

IOMAG

FOR IODINE-ADDING SUPPLEMENT FOR ANIMAL FEEDS.

Claims use since October 1936.

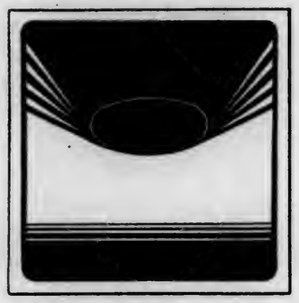
Reg. No. 357,788. Registered June 14, 1938. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

CALO-CLOR

FOR MIXTURE, WHICH IS APPLIED TO GRASS FOR THE TREATMENT OF BROWN PATCH.

Claims use since January 1928.

Reg. No. 357,789. Registered June 14, 1938. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo., a corporation of Missouri. Republished by registrant.



FOR HYDROGEN PEROXIDE.

Claims use since October 1935.

Reg. No. 365,395. Registered Mar. 7, 1939. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

PHOSPHOTEX

FOR PHOSPHATE COMPOSITIONS CHARACTERIZED BY THEIR EMULSIFYING, DISPERSING, DEFLOCCULATING, WATER SOFTENING, AND EITHER ALONE OR IN COMBINATION WITH SOAP, BY THEIR DETERGENT PROPERTIES.

Claims use since Sept. 7, 1938.

Reg. No. 373,810. Registered Dec. 26, 1939. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

AJAX

FOR POWDERED CHEMICAL FOR THE TREATMENT OF WATER USED AS A STERILIZER, DISINFECTANT, AND SOLVENT.

Claims use since January 1926.

Reg. No. 374,892. Registered Jan. 30, 1940. NATIONAL WAX COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

FETHERZIP

FOR WAX COMPOSITION SUITABLE FOR USE FOR DEFEATHERING FOWL OR DEHAIRING ANIMALS.

Claims use since Oct. 28, 1938.

Reg. No. 376,828. Registered Apr. 9, 1940. CAMPANA CORPORATION, Batavia, Ill., a corporation of Delaware. Republished by registrant.

Campana Italían Balm

FOR LOTIONS FOR THE SKIN.

Claims use since June 28, 1939.

Reg. No. 376,829. Registered Apr. 9, 1940. CAMPANA CORPORATION, Batavia, Ill., a corporation of Delaware. Republished by registrant.

Campana Balm

The word "Balm" is disclaimed.

FOR LOTIONS FOR THE SKIN.

Claims use since June 28, 1939.

Reg. No. 376,831. Registered Apr. 9, 1940. HOSPITAL LIQUIDS, INC., Chicago, Ill., a corporation of Delaware. Republished by registrant.

OVA-ESTRIN

FOR ESTROGENIC SUBSTANCE IN VEGETABLE OIL FOR INTRAMUSCULAR INJECTION FOR TREATMENT DURING THE MENOPAUSE, FOR TREATMENT OF INVOLUTIONAL MELANCHOLIA, GONORRHEAL AND SENILE VAGINITIS, FUNCTIONAL DYSMENORRHEA AND HYPERPLASIA OF THE BREASTS.

Claims use since Oct. 8, 1937.

Reg. No. 376,881. Registered Apr. 9, 1940. GEORGE MARTIN BROEMMEL, doing business as Broemmel's Pharmaceuticals, San Francisco, Calif. Republished by Broemmel's Pharmaceuticals, San Francisco, Calif., a firm.

RINOFEDS

FOR PREPARATION, IN CAPSULE FORM, FOR THE TREATMENT OF HEAD COLDS AND CERTAIN ALLERGIC CONDITIONS ARISING FROM VARIOUS POLLENS.

Claims use since on or about Jan. 1, 1932.

Reg. No. 376,883. Registered Apr. 9, 1940. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SANTOPOID

FOR CHEMICAL ADJUVANTS FOR PETROLEUM OILS ADAPTED TO IMPROVE THE LUBRICATING CHARACTERISTICS OF SUCH PETROLEUM OILS.

Claims use since about Oct. 19, 1939.

Reg. No. 381,083. Registered Sept. 10, 1940. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

PERMASAN

FOR CHEMICAL PRESERVATIVES FOR WOOD, LUMBER, AND OTHER CELLULOSIC MATERIALS.

Claims use since about Mar. 28, 1940.

Reg. No. 387,074. Registered Apr. 29, 1941. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

CORTILLA

FOR LIQUID SHAMPOO.

Claims use since on or about Mar. 14, 1938.

Reg. No. 393,165. Registered Jan. 27, 1942. NATIONAL WAX COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

TREATREET

FOR WAX COMPOSITION SUITABLE FOR USE IN THE PRESERVATION OF LOGS AND OTHER FORESTRY PRODUCTS.

Claims use since Oct. 28, 1940.

Reg. No. 393,166. Registered Jan. 27, 1942. NATIONAL WAX COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

WACSOLENE

FOR WAX COMPOSITION SUITABLE FOR USE IN PRESERVING PLANT LIFE OR IN PLANT GRAFTING.

Claims use since Mar. 17, 1941.

Reg. No. 394,119. Registered Mar. 17, 1942. GENERAL ANILINE & FILM CORPORATION, New York, N. Y., a corporation of Delaware. Republished by registrant.

LIQUADOL

FOR CHEMICALS AND PREPARATIONS AND COMPOUNDS THEREOF, USED IN PHOTOGRAPHIC PROCESSES.

Claims use since Sept. 15, 1941.

Reg. No. 394,120. Registered Mar. 17, 1942. GENERAL ANILINE & FILM CORPORATION, New York, N. Y., a corporation of Delaware. Republished by registrant.

LIQUAFIX

FOR CHEMICALS AND PREPARATIONS AND COMPOUNDS THEREOF, USED IN PHOTOGRAPHIC PROCESSES.

Claims use since Sept. 15, 1941.

Reg. No. 395,983. Registered June 23, 1942. GENERAL ANILINE & FILM CORPORATION, New York, N. Y., a corporation of Delaware. Republished by registrant.

FINEX

FOR CHEMICALS AND PREPARATIONS AND COMPOUNDS THEREOF USED IN PHOTOGRAPHIC PROCESSES, PARTICULARLY PHOTOGRAPHIC DEVELOPERS.

Claims use since May 29, 1941.

Reg. No. 399,228. Registered Dec. 22, 1942. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

THIURAD

FOR COMPOUNDS USED AS VULCANIZATION ACCELERATORS IN THE CURING OF RUBBER ARTICLES.

Claims use since on or about Aug. 24, 1934.

Reg. No. 405,045. Registered Jan. 4, 1944. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

MERSIZE

FOR CHEMICAL PRODUCTS IN SOLID OR LIQUID FORM FOR USE IN THE SIZING OF PAPER OR TEXTILE PRODUCTS FOR THE PARTIAL OR COMPLETE REPLACEMENT OF OTHER SIZING MATERIALS.
Claims use since about June 11, 1943.

Reg. No. 406,139. Registered Mar. 14, 1944. WALKER VITAMIN PRODUCTS, INC., Mount Vernon, N. Y., a corporation of New York. Republished by registrant.

BIACEN

FOR VITAMINS AND VITAMIN COMBINATIONS.
Claims use since January 1940.

Reg. No. 407,495. Registered June 6, 1944. CAMPANA SALES COMPANY, Batavia, Ill., a corporation of Delaware. Republished by registrant.

DEVASTATING

FOR COLOGNES AND PERFUMERY.
Claims use since Dec. 15, 1943.

Reg. No. 414,503. Registered June 12, 1945. NATIONAL WAX COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

DUXWAX

FOR WAX COMPOSITION SUITABLE FOR USE FOR DE-FEATHERING FOWL OR DE-HAIRING ANIMALS.
Claims use since Nov. 18, 1944.

CLASS 8

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS

Reg. No. 366,910. Registered May 2, 1939. SMOKADOR MANUFACTURING CO., INC., Bloomfield, N. J., a corporation of Delaware. Republished by registrant.

TRAP-ADOR

FOR ASH RECEIVERS.
Claims use since on or about Nov. 1, 1938.

Reg. No. 378,326. Registered June 4, 1940. M. LINKMAN & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Hollycourt

FOR SMOKING PIPES.
Claims use since Sept. 1, 1939.

CLASS 10

FERTILIZERS

Reg. No. 378,313. Registered June 4, 1940. POTASH COMPANY OF AMERICA, Baltimore, Md., Atlanta, Ga., and Carlsbad, N. Mex., a corporation of of Colorado. Republished by registrant, present location New York, N. Y.



The words "Red Muriate" are disclaimed.
FOR MURIATE OF POTASH.
Claims use since about Oct. 15, 1937.

CLASS 11

INKS AND INKING MATERIALS

Reg. No. 375,576. Registered Feb. 20, 1940. THE NELSON-EISMANN COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Finger Tip

FOR CARBON PAPER.
Claims use since Aug. 25, 1939.

Reg. No. 388,212. Registered June 17, 1941. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

SILKEE-LOX

The word "Silk" is disclaimed.
FOR CARBON PAPERS AND TYPEWRITER RIBBONS.
Claims use since Apr. 7, 1937.

CLASS 12

CONSTRUCTION MATERIALS

Reg. No. 368,336. Registered June 13, 1939. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant, present location Manheim Township, Lancaster County, Pa.

TEMSEAL

FOR INSULATING FIBERBOARD.
Claims use since on or about Apr. 17, 1938.

Reg. No. 380,647. Registered Aug. 27, 1940. KEASBEY & MATTISON COMPANY, Ambler, Pa., a corporation of Pennsylvania. Republished by registrant.

BOARD

The word "Board" is disclaimed.
FOR FIRE RESISTANT BUILDING BOARDS, INSULATING AND SOUND DEADENING BOARDS, COMPOSITION BOARDS, AND PARTICULARLY ADAPTED FOR USE AS A BUILDING MATERIAL, PARTITIONS, STEAMSHIP INTERIOR CONSTRUCTION MATERIALS AND FOR OTHER BUILDING AND CONSTRUCTION PURPOSES.
Claims use since about Mar. 1, 1940.

Reg. No. 392,940. Registered Jan. 20, 1942. PAGE & HILL CO., Minneapolis, Minn., a corporation of Delaware. Republished by registrant.

Life Span

FOR TREATED POLES FOR THE SUPPORT OF POWER LINES AND COMMUNICATION LINES.
Claims use since June 20, 1941.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Reg. No. 74,433. Registered July 13, 1909. THE BURNS, SILVER & CO., Bridgeport, Conn., now by change of name The Burns & Bassick Company. Republished by The Bassick Company, Bridgeport, Conn., a corporation of Connecticut.

FELTOID

FOR FURNITURE CASTERS.
Claims use since July 1, 1907.

Reg. No. 363,297. Registered Dec. 20, 1938. THE OSCAR C. RIXSON COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

UNI-CHECK

The word "Check" is disclaimed.
FOR BUILDERS' HARDWARE—NAMELY, DOOR CHECKS.
Claims use since May 24, 1938.

Reg. No. 378,083. Registered May 28, 1940. AUTOMATIC PRODUCTS COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

AP

FOR LIQUID LEVEL RESPONSIVE OIL CONTROL VALVES FOR EITHER MANUAL OR THERMO ELECTRICAL AUTOMATIC CONTROL, AND METERING VALVES AND EXPANSION VALVES FOR REFRIGERATION SERVICE.
Claims use since Oct. 6, 1931.

Reg. No. 394,234. Registered Mar. 24, 1942. TALON, INC., Meadville, Pa., a corporation of Pennsylvania. Republished by registrant.

V

FOR SEPARABLE FASTENERS OF THE SLIDER-CONTROLLED TYPE.
Claims use since Nov. 26, 1941.

Reg. No. 397,212. Registered Aug. 25, 1942. GEORGE K. GARRETT COMPANY, INC., Philadelphia, Pa., a corporation of Delaware. Republished by registrant.



The representation of the lock washers is disclaimed.
FOR LOCK WASHERS.
Claims use since December 1933.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Reg. No. 394,190. Registered Mar. 24, 1942. A. O. SMITH CORPORATION, Milwaukee, Wis., a corporation of New York. Republished by registrant.



FOR METALLIC WELDING ELECTRODES.
Claims use since May 5, 1941.

CLASS 15

OILS AND GREASES

Reg. No. 387,129. Registered May 6, 1941. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

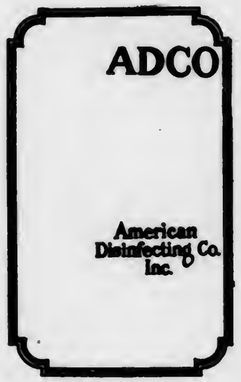


The words "Pure Motor Fuel" are disclaimed.
FOR GASOLINE AND MOTOR FUEL OILS.
Claims use since on or about July 1, 1939.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Reg. No. 362,154. Registered Nov. 15, 1938. AMERICAN DISINFECTING CO., INC., Sedalia, Mo. Republished by Adco, Inc., Sedalia, Mo., a corporation of Missouri.



FOR LIQUID PREPARATION FOR SURFACING, DRESSING, POLISHING, AND FINISHING FLOORS AND LINOLEUM, LIQUID WAX FOR USE ON FLOORS, AND PAINT REMOVER.
Claims use since 1925.

Reg. No. 378,180. Registered May 28, 1940. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

LAX

FOR FLOOR DRESSING.
Claims use since Apr. 11, 1934.

Reg. No. 388,915. Registered July 15, 1941. AMERICAN MINERAL SPIRITS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

AMSCO-SOLV

FOR LIQUID SOLVENT OF PETROLEUM ORIGIN AND OF HIGH AROMATICITY FOR USE IN VARNISH, PAINT, AND LACQUER.
Claims use since on or about Feb. 7, 1941.

CLASS 17

TOBACCO PRODUCTS

Reg. No. 366,917. Registered May 2, 1939. WAITT & BOND, INC., Newark, N. J., a corporation of New Jersey. Republished by registrant.



The drawing is lined for red and blue.
FOR CIGARS.
Claims use since May 24, 1937.

Reg. No. 396,957. Registered Aug. 11, 1942. WAITT & BOND, INC., Newark, N. J., a corporation of New Jersey. Republished by registrant.



The drawing is lined for the colors red and blue.
FOR CIGARS.
Claims use since Mar. 17, 1941.

CLASS 19

VEHICLES

Reg. No. 369,489. Registered July 25, 1939. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

SMOX

FOR VEHICLE SEAT SLIP COVERS.
Claims use since Feb. 22, 1939.

Reg. No. 392,398. Registered Dec. 23, 1941. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.



FOR TRUCK CASTERS.
Claims use since on or about Nov. 1, 1931.

Reg. No. 392,399. Registered Dec. 23, 1941. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.

DIAMOND ARROW

FOR TRUCK CASTERS.
Claims use since on or about Nov. 1, 1931.

Reg. No. 394,268. Registered Mar. 31, 1942. BENDIX AVIATION CORPORATION, South Bend, Ind., a corporation of Delaware. Republished by registrant.

HYDROVAC

FOR VEHICLE BRAKING UNITS INCORPORATING POWER BRAKES OF THE DIFFERENTIAL AIR PRESSURE TYPE, BRAKE CONTROL VALVES, DIFFERENTIAL AIR PRESSURE CYLINDERS, AND HYDRAULIC BRAKING UNITS INCORPORATING BOOSTERS OR ASSISTORS.
Claims use since Mar. 25, 1941.

CLASS 20

LINOLEUM AND OILED CLOTH

Reg. No. 392,036. Registered Dec. 2, 1941. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant, present location Manheim Township, Lancaster County, Pa.

Linostrip

FOR RIBBONS OR BANDS OF LINOLEUM AND SIMILAR HARD SURFACE FLOOR COVERINGS.
Claims use since on or about June 22, 1929.

Reg. No. 392,037. Registered Dec. 2, 1941. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant, present location Manheim Township, Lancaster County, Pa.

Marbelle

FOR LINOLEUM AND SIMILAR HARD SURFACE FLOOR COVERINGS.
Claims use since on or about Apr. 18, 1932.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Reg. No. 373,212. Registered Nov. 28, 1939. THE EDWIN F. GUTH COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

FLUOFLECTOR

FOR ELECTRIC LIGHTING FIXTURES FOR HOUSEHOLD AND COMMERCIAL INSTALLATIONS.
Claims use since June 19, 1939.

Reg. No. 375,109. Registered Feb. 6, 1940. THE ELECTRIC RAILWAY IMPROVEMENT COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

CADWELD

FOR CONNECTORS AND BONDS FOR ELECTRICALLY CONNECTING RAILWAY RAILS.
Claims use since Sept. 25, 1939.

Reg. No. 386,064. Registered Mar. 25, 1941. W. N. MATTHEWS CORPORATION, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

PROTECTOGAP

FOR ELECTRICAL DISCHARGE APPARATUS—NAMELY, LIGHTNING ARRESTERS IN WHICH A DISCHARGE GAP IS CARRIED IN A PORTABLE INSULATING TUBE.
Claims use since Oct. 9, 1940.

Reg. No. 391,221. Registered Oct. 28, 1941. BENJAMIN ELECTRIC MANUFACTURING COMPANY, Des Plaines, Ill., a corporation of Illinois. Republished by registrant.

Steelite

FOR ELECTRIC LIGHTING FIXTURES.
Claims use since Jan. 2, 1941.

Reg. No. 396,083. Registered June 30, 1942. BENJAMIN ELECTRIC MANUFACTURING COMPANY, Des Plaines, Ill., a corporation of Illinois. Republished by registrant.

Sealed-Flo

FOR ELECTRIC LIGHTING FIXTURES.
Claims use since May 1940.

Reg. No. 396,084. Registered June 30, 1942. BENJAMIN ELECTRIC MANUFACTURING COMPANY, Des Plaines, Ill., a corporation of Illinois. Republished by registrant.

Stream-Flo

FOR ELECTRIC LIGHTING FIXTURES.
Claims use since December 1940.

Reg. No. 396,085. Registered June 30, 1942. BENJAMIN ELECTRIC MANUFACTURING COMPANY, Des Plaines, Ill., a corporation of Illinois. Republished by registrant.

Triple-Flo

FOR ELECTRIC LIGHTING FIXTURES.
Claims use since August 1940.

Reg. No. 396,086. Registered June 30, 1942. BENJAMIN ELECTRIC MANUFACTURING COMPANY, Des Plaines, Ill., a corporation of Illinois. Republished by registrant.

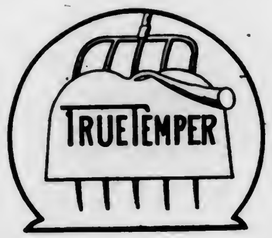
Twin-Flo

FOR ELECTRIC LIGHTING FIXTURES.
Claims use since April 1940.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Reg. No. 62,551. Registered May 14, 1907. THE AMERICAN FORK AND HOE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.



FOR FARM AND GARDEN HAND TOOLS, CONSISTING OF FORKS, HOES, RAKES, AND POTATO HOOKS.
Claims use since January 1906.

Reg. No. 305,343. Registered Aug. 15, 1933. LINCOLN ENGINEERING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

LUBMOBILE

FOR PORTABLE LUBRICANT DISPENSING APPARATUS.
Claims use since Mar. 9, 1933.

Reg. No. 316,735. Registered Sept. 4, 1934. DYNAMATIC CORPORATION, Kenosha, Wis., a corporation of Delaware. Republished by registrant.

DYNAMATIC

FOR ELECTRIC, VARIABLE-SPEED POWER-TRANSMISSIONS.
Claims use since Mar. 5, 1934.

Reg. No. 335,215. Registered May 26, 1936. LINCOLN ENGINEERING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

KLEENSEAL

The word "Kleen" is disclaimed apart from the word "Seal"; and the word "Seal" apart from the word "Kleen."
FOR LUBRICANT FITTINGS TO BE ATTACHED TO APPARATUS TO BE LUBRICATED.
Claims use since Jan. 12, 1935.

Reg. No. 364,194. Registered Jan. 24, 1939. THE HEALD MACHINE COMPANY, Worcester, Mass., a corporation of Massachusetts. Republished by registrant.

HEALD RED HEAD

The words "Heald" and "Head" are disclaimed. The drawing is lined for red.
FOR TOOL HEADS OF MACHINES USED IN THE GRINDING AND BORING OF METALS.
Claims use since January 1933.

Reg. No. 364,488. Registered Jan. 31, 1939. NILES-BEMENT-POND COMPANY, Hartford, Conn., a corporation of New Jersey. Republished by registrant, present location West Hartford, Conn.



FOR METAL CUTTING AND GRINDING MACHINES.
Claims use since Oct. 1, 1935.

Reg. No. 367,104. Registered May 9, 1939. THE AMERICAN FORK & HOE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

GARDEN CLUB

FOR AXES, HAMMERS, HATCHETS, HANDLES FOR HAND AGRICULTURAL IMPLEMENTS, HAND AGRICULTURAL IMPLEMENTS AND GARDEN IMPLEMENTS, INCLUDING RAKES, FORKS, HOES, WEEDERS, SCYTHES, EDGERS, CUTTERS, WEED CUTTERS, HARVESTERS, CHISELS, CLEANERS, CULTIVATORS, MATTOCKS, HOOKS, SCRAPERS, SPADES, TROWELS, DRAGS, SHOVELS AND SCOOPS.
Claims use since Sept. 7, 1938.

Reg. No. 373,688. Registered Dec. 19, 1939. MICHAEL YUNDT COMPANY, Waukesha, Wis., a corporation of Wisconsin. Republished by registrant.

AIRBRUSH

FOR BOTTLE CLEANING APPARATUS AND BOTTLE WASHING MACHINERY.
Claims use since Aug. 17, 1923.

Reg. No. 375,737. Registered Feb. 27, 1940. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill., a corporation of New Jersey. Republished by registrant.

LIFT-ALL

FOR POWER LIFT MECHANISM FOR AGRICULTURAL IMPLEMENTS DRAWN BY OR CARRIED ON AGRICULTURAL TRACTORS.
Claims use since on or about Sept. 6, 1939.

Reg. No. 378,303. Registered June 4, 1940. MAGNOLIA METAL COMPANY, Elizabeth, N. J., a corporation of West Virginia. Republished by registrant.

MAGNOLIA



FOR MACHINERY BEARINGS AND BUSHINGS THEREFOR.
Claims use since 1932.

Reg. No. 399,342. Registered Dec. 29, 1942. NATIONAL DIE CASTING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



FOR FRUIT JUICE EXTRACTORS FOR EXTRACTING JUICES FROM FRUITS SUCH AS ORANGES, LEMONS, GRAPEFRUIT, AND THE LIKE.
Claims use since Oct. 5, 1939.

Reg. No. 399,343. Registered Dec. 29, 1942. NATIONAL DIE CASTING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



FOR FRUIT JUICE EXTRACTORS FOR EXTRACTING JUICES FROM FRUITS SUCH AS ORANGES, LEMONS, GRAPEFRUIT, AND THE LIKE.
Claims use since Oct. 5, 1939.

Reg. No. 404,814. Registered Dec. 21, 1943. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill., a corporation of New Jersey. Republished by registrant.

FARMALL

FOR TRACTORS AND ATTACHMENTS AND PARTS THEREOF.
Claims use since on or about May 9, 1922.

CLASS 25

LOCKS AND SAFES

Reg. No. 399,088. Registered Dec. 15, 1942. SIGNODE STEEL STRAPPING COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.



The word "System" is disclaimed.
FOR METALLIC FASTENING SEALS FOR STRAPPING USED TO BIND BALES, BOXES, AND OTHER PACKAGES AND THE LIKE.
Claims use since on or about Aug. 15, 1916.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Reg. No. 109,710. Registered Apr. 18, 1916. S. F. BOWSER & COMPANY, INC., Fort Wayne, Ind., a corporation of Indiana. Republished by Bowser, Inc., Fort Wayne, Ind.



The words "Established 1885," "Self Measuring Oil Tanks," "Patd. by," "S. F. Bowser & Co. Inc.," "Pump No." and "Ft. Wayne, Ind., U. S. A.," and the center circle and the solid rectangle at the bottom are disclaimed.
FOR FLUID-MEASURING PUMPS AND METERS.
Claims use since Nov. 13, 1913.

Reg. No. 370,728. Registered Sept. 5, 1939. AGFA ANSCO CORPORATION, Binghamton, N. Y., assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of Delaware. Republished by General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware.

CYKON

FOR SENSITIZED PHOTOGRAPHIC PAPER.
Claims use since Mar. 3, 1939.

Reg. No. 370,729. Registered Sept. 5, 1939. AGFA ANSCO CORPORATION, Binghamton, N. Y., assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of Delaware. Republished by General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware.

CYKORA

FOR SENSITIZED PHOTOGRAPHIC PAPER.
Claims use since Mar. 3, 1939.

Reg. No. 392,194. Registered Dec. 16, 1941. SPAULDING-MOSS COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.

LATITUDE

FOR SENSITIZED BLUE PRINT PAPER AND CLOTH, SENSITIZED DIRECT POSITIVE PAPER AND CLOTH, SENSITIZED VAN DYKE PAPER AND CLOTH AND PHOTOGRAPHICALLY SENSITIZED PAPER AND CLOTH.
Claims use since Dec. 13, 1940, on sensitized blue print paper; since Feb. 7, 1941, upon direct positive paper; since Dec. 13, 1940, upon blue print cloth; since Apr. 26, 1941, on direct positive cloth; since Apr. 26, 1941, on Van Dyke paper and cloth; since Apr. 26, 1941, on photographically sensitized paper and cloth.

Reg. No. 393,828. Registered Mar. 3, 1942. GENERAL ANILINE & FILM CORPORATION, New York, N. Y., a corporation of Delaware. Republished by registrant.

Ozalid

FOR LIGHT-SENSITIVE DIAZOTYPE PAPERS, CLOTHS, FILM, MACHINES FOR DEVELOPING THE PHOTOPRINTS THUS PRODUCED AND PARTS OF SUCH MACHINES.
Claims use since Mar. 19, 1923, for light-sensitive diazotype materials; and since May 1, 1936, for printing and developing machines.

Reg. No. 405,334. Registered Jan. 25, 1944. GREENFIELD TAP AND DIE CORPORATION, Greenfield, Mass., a corporation of Massachusetts. Republished by registrant.

MEASURE-MASTER

The word "Measure" is disclaimed.
FOR INSTRUMENTS AND APPARATUS FOR MEASURING THE SIZES AND SURFACE CHARACTERISTICS OF ARTICLES, DEVICES AND PARTS OF MACHINES AND COMPRISING GAUGES COMPARATORS, GAUGE MEASURING MACHINES, AND APPARATUS FOR MEASURING PITCH DIAMETERS OF SCREW THREADS.
Claims use since June 30, 1942.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Reg. No. 378,954. Registered June 25, 1940. THE WATSON COMPANY, Attleboro, Mass., a corporation of Massachusetts. Republished by registrant.

Windsor Rose

The word "Windsor" is disclaimed.
FOR FLATWARE AND HOLLOWWARE COMPOSED WHOLLY OR IN PART OF PRECIOUS METAL.
Claims use since Jan. 19, 1940.

Reg. No. 405,356. Registered Jan. 25, 1944. THE BALL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

Garland

FOR FINGER RINGS, EARRINGS, BROOCHES, BRACELETS, CLASPS, NECKLACES, PENDANTS, AND OTHER JEWELRY DESIGNED FOR PERSONAL ADORNMENT, NOT INCLUDING WATCHES.
Claims use since Feb. 10, 1924.

CLASS 31

FILTERS AND REFRIGERATORS

Reg. No. 109,387. Registered Apr. 4, 1916. S. F. BOWSER & COMPANY, INC., Fort Wayne, Ind. Republished by Bowser, Inc., Fort Wayne, Ind., a corporation of Indiana.



The words "Established 1885," "Self-Measuring Oil Tanks," "Pat'd by," "S. F. Bowser & Co., Inc.," "Pump No.," and "Ft. Wayne, Ind., U. S. A.," are disclaimed; also, the center circle and the solid rectangle at the bottom.

FOR OIL FILTRATION AND CIRCULATION APPARATUS.
Claims use since Nov. 13, 1913.

CLASS 32

FURNITURE AND UPHOLSTERY

Reg. No. 361,895. Registered Nov. 1, 1938. THE GENERAL FIREPROOFING CO., Youngstown, Ohio, a corporation of Ohio. Republished by registrant.

TELEFACTS

FOR CARD FILING CABINETS.
Claims use since May 27, 1938.

Reg. No. 362,437. Registered Nov. 15, 1938. THE GENERAL FIREPROOFING CO., Youngstown, Ohio. Republished by Acme Visible Records, Inc., Chicago, Ill., a corporation of Delaware.

Visi—Filer

The word "Filer" is disclaimed.
FOR FILING CABINETS.
Claims use since Apr. 20, 1938.

Reg. No. 366,936. Registered May 2, 1939. THE GENERAL FIREPROOFING CO., Youngstown, Ohio, a corporation of Ohio. Republished by registrant.

U-NETTES

FOR METAL FILING CABINETS.
Claims use since Sept. 16, 1909.

Reg. No. 393,986. Registered Mar. 10, 1942. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



Pilgrim Shop

FOR LIVING ROOM, BED ROOM AND DINING ROOM FURNITURE.
Claims use since February 1935.

CLASS 33

GLASSWARE

Reg. No. 377,025. Registered Apr. 16, 1940. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant, present location Manheim Township, Lancaster County, Pa.



FOR GLASS BOTTLES, JARS, JUGS, POTS, FUNNELS, GLASSES, AND PACKING TUMBLERS.
Claims use since Jan. 10, 1939.

Reg. No. 402,427. Registered July 20, 1943. PITMAN-DREITZER & CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

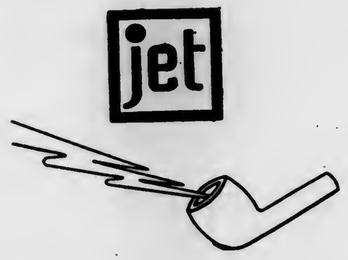
COLONY CRYSTAL

The word "Crystal" is disclaimed.
FOR GLASS TABLEWARE.
Claims use since Dec. 27, 1939.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Reg. No. 402,605. Registered Aug. 3, 1943. BEATTIE PRODUCTS, INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR PYROPHORIC, CATALYTIC AND PILOT CIGARETTE LIGHTERS.
Claims use since January 1940.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Reg. No. 362,113. Registered Nov. 15, 1938. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio, a corporation of Ohio. Republished by registrant.

Dual Balloon 8

The word "Balloon" is disclaimed.
FOR PNEUMATIC TIRES.
Claims use since Sept. 8, 1928.

Reg. No. 373,236. Registered Nov. 28, 1939. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio, a corporation of Ohio. Republished by registrant.

2 in 1

FOR PNEUMATIC TIRES.
Claims use since Aug. 1, 1939.

Reg. No. 376,162. Registered Mar. 12, 1940. THE GATES RUBBER COMPANY, Denver, Colo., a corporation of Colorado. Republished by registrant.

Gardenette

FOR RUBBER HOSE, MORE PARTICULARLY WATER HOSE.
Claims use since Aug. 14, 1939.

Reg. No. 391,119. Registered Oct. 21, 1941. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio, a corporation of Ohio. Republished by registrant.

C D

FOR PNEUMATIC TIRES.
Claims use since Dec. 28, 1932.

Reg. No. 406,227. Registered Mar. 14, 1944. THE GATES RUBBER COMPANY, Denver, Colo., a corporation of Colorado. Republished by registrant.

T G

FOR POWER TRANSMISSION BELTS.
Claims use since Mar. 16, 1942.

Reg. No. 407,321. Registered May 30, 1944. THE GATES RUBBER COMPANY, Denver, Colo., a corporation of Colorado. Republished by registrant.

T

FOR POWER TRANSMISSION BELTS.
Claims use since Mar. 16, 1942.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Reg. No. 393,793. Registered Mar. 3, 1942. EMERSON RADIO AND PHONOGRAPH CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.



FOR PHONOGRAPHS AND RADIO-PHONOGRAPH COMBINATIONS.
Claims use since January 1935.

CLASS 37

PAPER AND STATIONERY

Reg. No. 361,278. Registered Oct. 11, 1938. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio, a corporation of Ohio. Republished by registrant.

LEXICON

FOR PRINTING PAPER AND ESPECIALLY UNCOATED PRINTING PAPER.
Claims use since Jan. 19, 1930.

Reg. No. 361,279. Registered Oct. 11, 1938. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio, a corporation of Ohio. Republished by registrant.

WEDGWOOD

FOR PRINTING PAPER AND ESPECIALLY UNCOATED PRINTING PAPER.
Claims use since about Apr. 1, 1929.

Reg. No. 362,592. Registered Nov. 22, 1938. CROWN ZELLERBACH CORPORATION, also doing business as Crown Willamette Paper Company, San Francisco, Calif., a corporation of Nevada. Republished by registrant.

MENU

FOR TISSUE PAPER.
Claims use since Jan. 1, 1936.

Reg. No. 362,595. Registered Nov. 22, 1938. CROWN ZELLERBACH CORPORATION, also doing business as Crown Willamette Paper Company, San Francisco, Calif., a corporation of Nevada. Republished by registrant.

SNOWFIBRE

FOR WRAPPING PAPER.
Claims use since Jan. 1, 1932.

Reg. No. 362,596. Registered Nov. 22, 1938. CROWN ZELLERBACH CORPORATION, also doing business as Crown Willamette Paper Company, San Francisco, Calif., a corporation of Nevada. Republished by registrant.

SNOWTEX

FOR TISSUE PAPER.
Claims use since Jan. 1, 1932.

Reg. No. 363,744. Registered Jan. 3, 1939. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio, a corporation of Ohio. Republished by registrant.

NAMELO

FOR PAPER AND ESPECIALLY PRINTING PAPER.
Claims use since Dec. 8, 1932.

Reg. No. 363,963. Registered Jan. 17, 1939. ACE FASTENER CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

ACE

FOR STAPLING MACHINES OF THE DESK, PLIER, AND TACKER TYPES, AND STAPLES THEREFOR; AND STAPLES FOR OTHER TYPES OF STAPLING MACHINES AND TACKERS.
Claims use since Feb. 11, 1931.

Reg. No. 364,851. Registered Feb. 14, 1939. KIMBERLY-CLARK CORPORATION, Neenah, Wis., a corporation of Delaware. Republished by registrant.

MULTIFECT

FOR BOOK AND PRINTING PAPERS.
Claims use since Aug. 13, 1938.

Reg. No. 368,275. Registered June 13, 1939. CROWN ZELLERBACH CORPORATION, San Francisco, Calif. Republished by Crown Zellerbach Corporation, doing business as Crown Willamette Paper Company, San Francisco, Calif., a corporation of Nevada.

POLAR-WRAP

The word "Wrap" is disclaimed.
FOR WRAPPING PAPER.
Claims use since Dec. 1, 1938.

Reg. No. 379,134. Registered July 2, 1940. GEORGE B. GRAFF COMPANY, Cambridge, Mass., a corporation of Massachusetts. Republished by registrant.

NU-VISE

FOR FILE SIGNALS.
Claims use since Jan. 16, 1940.

Reg. No. 383,489. Registered Dec. 10, 1940. SPIR-IT, INC., Malden, Mass., a corporation of Massachusetts. Republished by registrant.

ENVELOPENER

FOR LETTER OPENERS.
Claims use since June 15, 1940.

Reg. No. 402,567. Registered Aug. 3, 1943. FASTENER CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

DUD-FAST

The word "Fast" is disclaimed.
FOR HAND OPERATED TOOLS FOR STAPLING PAPER AND SIMILAR MATERIALS.
Claims use since on or about Apr. 5, 1940.

Reg. No. 404,242. Registered Nov. 16, 1943. GEORGE O. JENKINS COMPANY, Bridgewater, Mass., a corporation of Massachusetts. Republished by registrant.

TITAN

FOR LEATHERBOARD AND FIBERBOARD.
Claims use since November 1917.

CLASS 38

PRINTS AND PUBLICATIONS

Reg. No. 312,481. Registered May 1, 1934. BROWN & BIGELOW, St. Paul, Minn., a corporation of Minnesota. Republished by registrant.

Tolio-Crome

FOR ETCHINGS, PRINTED ETCHINGS, GREETING CARDS, WATER-COLOR PRINTS, AND GRAVURE ETCHINGS.
Claims use since Aug. 25, 1932.

CLASS 39

CLOTHING

Reg. No. 328,659. Registered Oct. 1, 1935. SENACK SHOE COMPANY, St. Louis, Mo. Republished by Consolidated Retail Stores, Inc., St. Louis, Mo., a corporation of Delaware.

Beverly

FOR SHOES CONSTRUCTED OF COMBINATIONS OF LEATHER, RUBBER, AND FABRIC.
Claims use since Dec. 8, 1925.

Reg. No. 363,463. Registered Dec. 27, 1938. NORTHMONT HOSIERY CORPORATION, Reading, Pa., and New York, N. Y., a corporation of Pennsylvania. Republished by registrant.

Dayette

FOR HOSIERY.
Claims use since May 25, 1938.

Reg. No. 363,464. Registered Dec. 27, 1938. NORTHMONT HOSIERY CORPORATION, Reading, Pa., and New York, N. Y., a corporation of Pennsylvania. Republished by registrant.

Dreamette

FOR HOSIERY.
Claims use since May 25, 1938.

Reg. No. 363,465. Registered Dec. 27, 1938. NORTHMONT HOSIERY CORPORATION, Reading, Pa., and New York, N. Y., a corporation of Pennsylvania. Republished by registrant.

Dressette

FOR HOSIERY.
Claims use since May 25, 1938.

Reg. No. 375,692. Registered Feb. 27, 1940. M. & W. THOMAS CORP., New York, N. Y. Republished by M. & W. Thomas Co., New York, N. Y., a firm.

SPRINGER

FOR NECKTIES.
Claims use since May 3, 1939.

Reg. No. 377,082. Registered Apr. 16, 1940. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Sunningdale Shop

FOR WOMEN'S OUTER APPAREL—NAMELY, SUITS, COATS, DRESSES, SWEATERS, SKIRTS, JACKETS, BLOUSES, PLAY SUITS, SHORTS, SLACKS, AND SPORT SHIRTS.
Claims use since Apr. 8, 1935.

Reg. No. 380,699. Registered Aug. 27, 1940. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

PLIAGLASS

FOR TROUSER-SUPPORTING BELTS, GARTERS, AND SUSPENDERS.
Claims use since Mar. 28, 1940.

Reg. No. 393,684. Registered Feb. 24, 1942. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

CLANRIDGE

FOR WOMEN'S HATS.
Claims use since January 1938.

Reg. No. 402,675. Registered Aug. 10, 1943. BRYAN FULL FASHIONED MILLS, INC., Chattanooga, Tenn., a corporation of Tennessee. Republished by registrant.

Threads of Romance

FOR HOSIERY.
Claims use since June 5, 1941.

Reg. No. 414,508. Registered June 12, 1945. AMERICAN WOOLEN COMPANY, Boston, Mass., and New York, N. Y., a corporation of Massachusetts. Republished by registrant, present location New York, N. Y.

Yebbloom

FOR LADIES' AND CHILDREN'S COATS AND SUITS.
Claims use since Nov. 27, 1944.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Reg. 380,803. Registered Sept. 3, 1940. REGAL SHOE COMPANY, New York, N. Y., a corporation of Massachusetts. Republished by registrant, present location Whitman, Mass.

REGAL

FOR SHOE HORNS MADE OF BASE METAL AND COMPOSITION MATERIALS, AND SHOE LACES.
Claims use since on or about Jan. 1, 1900.

Reg. No. 394,226. Registered Mar. 24, 1942. THOMAS TAYLOR & SONS, INC., Hudson, Mass., a corporation of Massachusetts. Republished by registrant.

DAWHIDE

FOR SHOE LACES.
Claims use since July 1936.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Reg. No. 65,947. Registered Oct. 29, 1907. MOUNT VERNON-WOODBERRY COTTON DUCK COMPANY, Baltimore, Md. Republished by Mt. Vernon-Woodberry Mills, Inc., Baltimore, Md., a corporation of Maryland.



GREENWOODS

FOR COTTON DUCK.
Claims use since about 1844.

Reg. No. 66,026. Registered Nov. 5, 1907. MOUNT VERNON-WOODBERRY COTTON DUCK COMPANY, Baltimore, Md. Republished by Mt. Vernon-Woodberry Mills, Inc., Baltimore, Md., a corporation of Maryland.

DRUID MILLS

FOR COTTON DUCK.
Claims use since about 1867.

Reg. No. 66,051. Registered Nov. 5, 1907. MOUNT VERNON-WOODBERRY COTTON DUCK COMPANY, Baltimore, Md. Republished by Mt. Vernon-Woodberry Mills, Inc., Baltimore, Md., a corporation of Maryland.

RICHLAND

FOR COTTON-DUCK.
Claims use since about 1894.

Reg. No. 66,471. Registered Dec. 3, 1907. MOUNT VERNON-WOODBERRY COTTON DUCK COMPANY, Baltimore, Md. Republished by Mt. Vernon-Woodberry Mills, Inc., Baltimore, Md., a corporation of Maryland.

GREENWOODS



MONTANA

FOR COTTON DUCK.
Claims use since about 1872.

Reg. No. 214,002. Registered June 8, 1926. THE ADLER UNDERWEAR & HOSIERY MFG. CO., Cincinnati, Ohio. Republished by The Adler Company, Cincinnati, Ohio, a corporation of Ohio.

Nubrite

FOR KNITTED CLOTH—NAMELY, COTTON FABRIC SOLD AS PIECE GOODS.
Claims use since Jan. 18, 1926.

Reg. No. 366,894. Registered May 2, 1939. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

DURACALE

FOR SHEETS AND PILLOWCASES.
Claims use since about May 1938.

Reg. No. 373,711. Registered Dec. 19, 1939. M. & W. THOMAS CORP., New York, N. Y. Republished by M. & W. Thomas Co., New York, N. Y., a firm.

SPRINGER



FOR PIECE GOODS OF SILK, RAYON, COTTON, WOOL AND MIXTURES THEREOF.
Claims use since Mar. 31, 1939.

Reg. No. 393,190. Registered Jan. 27, 1942. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

GAYETTE

FOR LACE CURTAINS.
Claims use since February 1941.

Reg. No. 405,680. Registered Feb. 15, 1944. AMERICAN WOOLEN COMPANY, New York, N. Y., a corporation of Massachusetts. Republished by registrant.

DUV-BLOOM

The word "Bloom" is disclaimed.
FOR WOOLEN PIECE GOODS.
Claims use since November 1936.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Reg. No. 361,388. Registered Oct. 18, 1938. LELAND A. WATSON, doing business as Medical Acoustic Instrument Co., Minneapolis, Minn. Republished by The Maico Company, Incorporated, Minneapolis, Minn., a corporation of Minnesota.

MAICO

FOR MEDICAL ACOUSTIC INSTRUMENTS.
Claims use since July 8, 1936.

Reg. No. 379,042. Registered June 25, 1940. HOSPITAL LIQUIDS, INC., Chicago, Ill., a corporation of Delaware. Republished by registrant.

HAEMOVAC

FOR BLOOD TRANSFUSION SETS, INCLUDING SEALED CONTAINERS HAVING A PARTIAL VACUUM AND CONTAINING SOLUTION OF SODIUM CITRATE 2½ PERCENT IN PHYSIOLOGICAL SOLUTION OF SODIUM CHLORIDE, NEEDLES, VALVE CONNECTIONS AND TUBING.
Claims use since Jan. 10, 1939.

Reg. No. 404,945. Registered Dec. 28, 1943. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant, present location Manheim Township, Lancaster County, Pa.

BRONZE LEAF

FOR WATER BOTTLES, FOUNTAIN SYRINGES, AND COMBINATION WATER BOTTLES AND FOUNTAIN SYRINGES, ALL OF WHICH ARE MADE OF RUBBER OR SIMILAR FLEXIBLE MATERIAL.
Claims use since on or about Apr. 21, 1943.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Reg. No. 339,718. Registered Oct. 20, 1936. CHOCOLATE PRODUCTS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Vi-Co

FOR CHOCOLATE SYRUPS, EXTRACTS, AND CONCENTRATES FOR COMPOUNDING NON-ALCOHOLIC BEVERAGES.
Claims use since Dec. 6, 1932.

Reg. No. 363,736. Registered Jan. 3, 1939. LEE C. WARD, Los Angeles, Calif. Republished by Tru-Ade, Inc., Los Angeles, Calif., a corporation of California.

TRU-ADE

FOR NONALCOHOLIC, MALTLESS BEVERAGE USED AS A SOFT DRINK AND CONCENTRATES AND EXTRACTS FOR PREPARING THE SAME.
Claims use since Aug. 25, 1938.

Reg. No. 392,962. Registered Jan. 20, 1942. I. B. C. ROOT BEER COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

I.B.C.

FOR NON-INTOXICATING, NON-ALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES, SOLD AS SOFT DRINKS, AND SIRUPS USED IN THE PREPARATION OF SAME.
Claims use since Apr. 28, 1922.

Reg. No. 393,518. Registered Feb. 17, 1942. BLANKE-BAER EXTRACT & PRESERVING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

WIN-YOU

FOR FOUNTAIN SYRUPS FOR USE IN FLAVORING NONALCOHOLIC MALTLESS BEVERAGES SOLD AS SOFT DRINKS.
Claims use since about August 1918.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Reg. No. 259,805. Registered Aug. 6, 1929. WORKMAN PACKING COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.

I X L

FOR CHICKEN TAMALE, CHILI CON CARNE, ENCHILADAS, RAVIOLIS, MUSHROOM SAUCE, AND CHICKEN BROTH.
Claims use since on or about Apr. 1, 1895, on chicken tamale, chili con carne, and enchiladas; on or about July 1, 1915, on raviolis; on or about June 1, 1921, on mushroom sauce; and since Jan. 1, 1924, on chicken broth.

Reg. No. 308,251. Registered Nov. 28, 1933. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

SWEETEX

FOR BULK VEGETABLE SHORTENING OF SEMI-SOLID FORM.
Claims use since Mar. 30, 1933.

Reg. No. 348,891. Registered Aug. 17, 1937. AMERICAN BIRD PRODUCTS, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.



FOR BIRD SEED AND SONG FOOD.
Claims use since Apr. 10, 1935.

Reg. No. 349,513. Registered Aug. 31, 1937. CHARLESTON MILLING COMPANY, Charleston, W. Va., a corporation of West Virginia. Republished by registrant.



The drawing is lined for blue, red and yellow.
FOR WHEAT FLOUR.
Claims use since November 1936.

Reg. No. 363,265. Registered Dec. 20, 1938. MODERN MAID FOOD PRODUCTS, Brooklyn, N. Y., a firm. Republished by registrant.



The words "Modern Maid Food Products" are disclaimed.

FOR PREPARED FLOURS FOR THE FOLLOWING FOODS—NAMELY, WAFFLE, WHOLE WHEAT WAFFLE, BISCUIT, PIE CRUST, DOUGHNUT, GREASELESS DOUGHNUT, CORN MUFFIN, BRAN MUFFIN, WHOLE WHEAT MUFFIN, PANCAKE, SPICE CAKE, FUDGE CAKE, GINGER CAKE, GOLDEN CAKE, DEVILS FOODCAKE; HOT CHOCOLATE POWDER; CHOCOLATE PUDDING, CONFECTIONER'S COCOA, BUTTER FLAVOR FOR FOOD PURPOSES, MAPLE FLAVOR FOR FOOD PURPOSES, VANILLA FLAVOR, AND FLAVORING EMULSIONS FOR FOOD PURPOSES, PIE FILLINGS, FUDGE ICING, ICING BASE, CREAM PUFF FILLING AND BAKER'S DEVIL FOOD.
Claims use since Nov. 15, 1932.

Reg. No. 379,779. Registered July 23, 1940. JOHN MACKINTOSH & SONS LTD., INC., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

Ringsway

FOR CANDY.
Claims use since 1932.

Reg. No. 389,032. Registered July 22, 1941. OELERICH & BERRY COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

BIG 9

FOR CANNED MIXED VEGETABLE JUICES.
Claims use since Feb. 19, 1941.

Reg. No. 405,666. Registered Feb. 15, 1944. MACY McONEAL, doing business as Brown Bomber Flour Merchants, Cleveland, Ohio, assignor to Standard Milling Company, New York, N. Y., a corporation of Delaware. Republished by Standard Milling Company, Chicago, Ill., a corporation of Illinois.

BROWN BOMBER

FOR WHEAT FLOUR.
Claims use since Jan. 15, 1942.

Reg. No. 407,356. Registered May 30, 1944. DAVID MICHAEL & CO., Philadelphia, Pa. Republished by David Michael and Company Incorporated, Philadelphia, Pa., a corporation of Pennsylvania.

Twixt

FOR FOOD FLAVORING EXTRACTS.
Claims use since June 1940.

CLASS 47

WINES

Reg. No. 391,080. Registered Oct. 21, 1941. VERNAT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

VERNAT

FOR VERMOUTHS—NAMELY, SWEET AND DRY VERMOUTHS.
Claims use since May 10, 1941.

CLASS 48

MALT BEVERAGES AND LIQUORS

Reg. No. 366,888. Registered May 2, 1939. P. BALLANTINE & SONS, Newark, N. J., a corporation of New Jersey. Republished by registrant.



"HANDY" WAY TO ORDER

FOR BEER, ALE, PORTER, AND STOUT.
Claims use since Dec. 5, 1938.

Reg. No. 379,036. Registered June 25, 1940. MINNEAPOLIS BREWING COMPANY, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

GRAIN BELT *friendly*

FOR BEER.
Claims use since Aug. 15, 1937.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Reg. No. 314,614. Registered July 3, 1934. BUSHMILL WINE & PRODUCTS COMPANY, INC., Scranton, Pa. Republished by Brookside Distilling Products Corporation, Scranton, Pa., a corporation of Delaware.

Brookside

FOR WHISKEY.
Claims use since Jan. 6, 1934.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Reg. No. 365,396. Registered Mar. 7, 1939. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

VUEPAK

FOR PLASTIC COMPOSITIONS IN THE FORM OF SHEETS OR FILMS SUITED FOR TRANSPARENT WRAPPING, CONTAINERS, ETC.
Claims use since about Aug. 23, 1938.

Reg. No. 393,517. Registered Feb. 17, 1942. SEAMAN PAPER COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

RESISTO-HYDE

The word "Hyde" is disclaimed.
FOR ARTIFICIAL LEATHER UPHOLSTERY MATERIAL.
Claims use since Apr. 11, 1940.

REISSUES

MARCH 30, 1948

22,992

METHOD OF MAKING DOWNSPOUT HOOKS AND ARTICLES FORMED THEREBY

Maurice Rachlin, Brooklyn, N. Y., assignor to Max Rachlin, Flushing, N. Y.

Original No. 2,365,971, dated December 26, 1944, Serial No. 392,002, May 5, 1941. Application for reissue August 7, 1947, Serial No. 767,146

6 Claims. (Cl. 248—71)

1. A method of making a downspout hook, which comprises the steps of imparting a bend to a straight piece of wire, to form a blank consisting of two spaced parts, extending in substantially parallel planes, joined by a third connecting part, extending substantially at right angles to both of said spaced parts, then flattening one of said spaced parts and said connecting part and then pressing said other spaced part in a direction



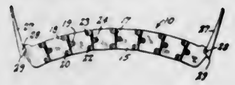
at right angles to the direction in which said first spaced part and said connecting part were flattened.

925

PATENTS

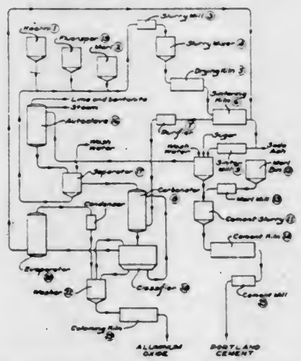
GRANTED MARCH 30, 1948

2,438,487
ARTICULATED ICE TRAY GRID
Sven W. E. Andersson, Evansville, Ind., assignor to Servel, Inc., New York, N. Y., a corporation of Delaware
Application December 12, 1939, Serial No. 308,751
3 Claims. (Cl. 62—108.5)



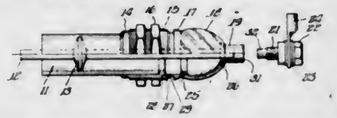
1. A grid including a cross partition and center dividing members at opposite sides of said cross partition and at right angles to the latter, said dividing members being movable in opposite directions from said cross partition, means at one elevation to limit separating movement of one of said dividing members from said cross partition, and means at another elevation to limit separating movement of said other dividing member from said cross partition.

2,438,488
PROCESS OF MAKING ALUMINA UTILIZING KAOLIN, MARL, AND RELATED MATERIALS
Frank J. Anderson and Duncan R. Williams, Laramie, Wyo., assignors to Monolith Portland Midwest Company, Laramie, Wyo., a corporation of Nevada
Application June 22, 1943, Serial No. 491,778
3 Claims. (Cl. 23—141)



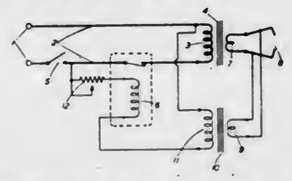
3. In a process for making Portland cement low in alumina content and for recovering commercially pure alumina from raw materials one of which is predominantly aluminous silicious material and the other of which is predominantly calcium carbonate, the steps which comprise, forming a mixture of said raw materials and an amount of calcium fluoride between ½ and 3% of the weight of said raw materials to provide a mole ratio of CaO to SiO_2 between 1.9 and 2, wet grinding said mixture to form a slurry which is subsequently dried and sintered, adding sufficient sodium carbonate to the mixture before it is sintered to provide a mole ratio of Na_2O to Al_2O_3 between 1.0 and 1.3, sintering the resulting mixture to drive off carbon dioxide and provide a sinter which is predominantly sodium aluminate and calcium silicate, adding sufficient sodium carbonate to said sinter to provide a mole ratio of Na_2O to SiO_2 between 1.5 and 1.9 and wet grinding said sinter, leaching said ground sinter in the presence of soluble sugar in an amount between 0.2 and 2% of the weight of said sinter to produce a sodium aluminate solution containing said sodium carbonate and said sugar and leave a residue which is predominantly calcium silicate suitable for cement manufacture, treating said solution with lime and clay to remove residual silicates and then with carbon dioxide to precipitate aluminum hydrate, separating said precipitated aluminum hydrate from the remaining solution and converting the same to alumina.

2,438,489
CABLE TERMINAL
Victor J. Andrew, Chicago, Ill., assignor, by mesne assignments, to Andrew Corporation, Chicago, Ill., a corporation of Illinois
Application February 16, 1944, Serial No. 522,573
5 Claims. (Cl. 174—19)



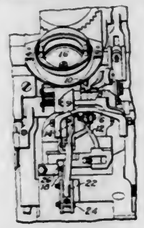
1. A sealed terminal unit for concentric conductors comprising two sleeves of different size adapted to be bonded to the inner and outer conductors of concentric conductors in linear spaced apart positions, a hollow insulating member interposed between said sleeves, and a plurality of metal members each having a temperature coefficient compatible with the temperature coefficient of said insulating member, said metal members each being bonded to said insulator and to one of said metal sleeves.

2,438,490
WELDING CONTROL SYSTEM
James Leslie Ashford and William Alfred Billings, London, England, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application June 22, 1943, Serial No. 491,752
In Great Britain July 31, 1942
2 Claims. (Cl. 219—4)



1. In an electric welding apparatus, a pair of electrodes, a source of voltage, transformer means having a primary winding connected across the source and a secondary winding connected across the electrodes to produce a voltage across the electrodes when the electrodes are open, a relay having contacts connecting source and primary winding, and an armature opening the contacts when energized, means for producing an electromagnetic field energizing said armature in response to the source voltage and means for producing another electromagnetic field opposing the energizing field in response to the electrode voltage to de-energize the armature and to open the contacts when fusion at the weld takes place, said relay having a coil for energizing the armature, and said last mentioned means including a second transformer means having a primary winding across the electrodes and a secondary winding in series with the coil, said coil and said last mentioned secondary winding being connected parallel to the source.

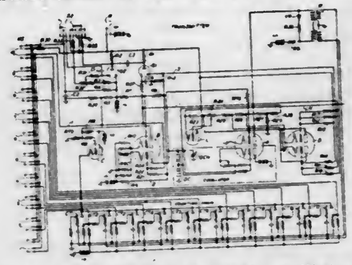
2,438,491
THREAD FINGER FOR SHOE SEWING MACHINES
Fred Ashworth, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application October 25, 1946, Serial No. 705,595
3 Claims. (Cl. 112—38)



1. A lockstitch outsole shoe sewing machine having a curved hook needle, a loop taker, a needle looper, a thread finger movable close to the needle path and arranged to cooperate with the looper in laying the thread in the hook of the needle, and a slotted guide block at one side of the plane of the needle within the slot of which block the thread finger is pivoted, in combination with a lateral motion reducing shim adjustably secured to one side of the thread finger between the finger and the inner wall of the slotted block.

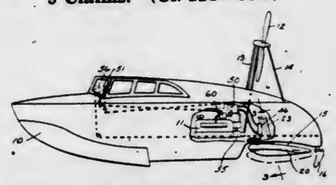
2,438,492
SIGNALING SYSTEM
Henry M. Bascom, New York, Robert F. Massonneau, Scarsdale, Bernard Ostendorf, Jr., Jamaica, and Wilton T. Rea, Manhasset, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application August 17, 1944, Serial No. 549,842
5 Claims. (Cl. 177—380)

1. In a signaling system in combination, a line, an oscillator connected to said line, electronic means normally effective to short-circuit said line, and controllable means for operating said oscillator and said electronic means whereby the former produces a predetermined number of half cycles for application to said line and the latter removes the short-circuit from said line to cause said predetermined number of half cycles to be transmitted thereover, said controllable means being thereafter effective to quench said oscillator and to cause said electronic means to reestablish the short-circuit of said line to prevent spurious



oscillations produced by said oscillator after quenching from being transmitted over said line.

2,438,493
WATER VEHICLE
Emric W. Berger, San Diego, Calif.
Application January 5, 1944, Serial No. 517,000
9 Claims. (Cl. 114—66.5)



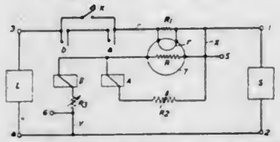
1. A water vehicle having in combination, a hull, propelling means therefor, a buoyant float disposed on each side of the longitudinal center of the hull adjacent the stern thereof, a member connecting the floats for movement in unison with respect to the hull, means for mounting the member beneath the hull and means for swivelly connecting the member to each float.

2,438,494
PHOTOGRAPHIC PROCESS FOR PRODUCING LINE IMAGES
Percy Wynne Bullock, South Pasadena, Calif.
Application July 13, 1942, Serial No. 450,705
3 Claims. (Cl. 95—5)



1. A partial reversal line process, which consists in providing a background element and an object element, illuminating one of said elements with a light so as to create a strong even light contrast between said element and its background element; photographing said object element on film, developing and fixing said film, printing the image on said film on a second film, partially developing the second film to a point that a strong contrast is obtained between the density of the object element and the density of the background element; exposing said second film to a weak light; developing said second film until opposing densities of the two elements are approximately even; whereby contrast between the two elements is destroyed but an even clear line around the object element is obtained; fixing the second film at the moment the opposition densities of the two elements match, then washing and drying said film.

2,438,495
THERMISTOR CIRCUIT INTERRUPTER CONTROL SYSTEM RESPONSIVE TO LOAD CIRCUIT CONDITIONS
Prafulla Kumar Chatterjea, London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application March 2, 1944, Serial No. 524,760
In Great Britain April 9, 1943
5 Claims. (Cl. 175—294)



1. Circuit control means, comprising a source of electrical energy, a load circuit, a thermistor having a heater and a resistance element and connected to have its heater responsive to the value of current in the load circuit, and a control circuit operative to open the load circuit when the current value therein varies outside of a predetermined range of material extent, the control circuit including two control relays each of said relays having a movable contact controlled by each relay respectively, said contacts connected in series in the load circuit.

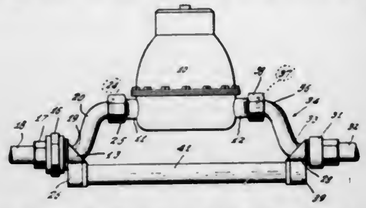
2,438,496
TELEPHONE SYSTEM EMPLOYING KEY TYPE CALL TRANSMITTER
Gerald Deakin, New York, N. Y., assignor to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application June 19, 1944, Serial No. 540,946
57 Claims. (Cl. 179—90)



1. In a telecommunication system, a plurality of lines, each having a multi-digit number, means including a plurality of stages of numerical selector switches for establishing a connection between a calling and a called line, a central exchange register for variably operating the selectors in accordance with the different digits of the called number, a plurality of keys associated with each line, an electric discharge tube in the register, means for connecting the keys of the calling line with said tube, means responsive to the operation of the connected keys for applying various potentials to said tube, and means controlled by the tube for variably operating the register.

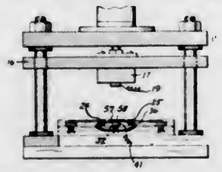
2,438,497
METER MOUNTING
John L. Ford, Wabash, Ind., assignor to The Ford Meter Box Company, Inc., Wabash, Ind., a corporation of Indiana
Application April 30, 1945, Serial No. 591,140
6 Claims. (Cl. 285—3)

1. A meter mounting comprising a pair of fittings arranged to provide oppositely-facing aligned open ends designed for connection to supply line conduits, a ductile tube for each of said fittings, each of said tubes extending through its fitting to constitute the fluid conduit through said fitting and being curved in one direction out of the line of said open ends and further being curved into parallelism with said line, the free ends of said tubes being designed for connection with the spuds of a meter, each of said fittings further being formed to provide a socket



opening in a direction away from said open fitting ends, the sockets of said two fittings being disposed upon a common axis substantially parallel with the common axis of said open ends and spaced therefrom in a direction diametrically opposite said one direction, and an element having its opposite ends received in said fitting sockets and securing said fittings together.

2,438,498
TUBE FORMING APPARATUS
Sidney R. Geist, Sr., New York, and Norman R. Davis, Elmhurst, Long Island, N. Y., assignors to Gemloid Corporation, Elmhurst, Long Island, N. Y., a corporation of New York
Application April 14, 1945, Serial No. 588,320
13 Claims. (Cl. 154—42)

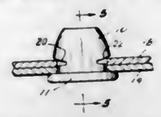


1. Means for heat sealing plastic material comprising a pressure element, an electrode mounted on said pressure element, means for applying high frequency current to said electrode, means for insulating said electrode, means for applying pressure to said pressure element, in combination with a rack and a cooperating rack element, said rack element being shaped to receive plastic material wrapped thereabout and having portions extending beyond the ends of the wrapped plastic material adapted to be received by said rack, means mounted on said rack for holding plastic material in wrapped position, means for positioning said rack with said cooperating rack element under said pressure element.

2,438,499
FASTENING DEVICE
Richard A. Hartman, Cleveland, Ohio, assignor to Tinnerman Products, Inc., Cleveland, Ohio, a corporation of Ohio
Application July 13, 1944, Serial No. 544,674
7 Claims. (Cl. 85—40)

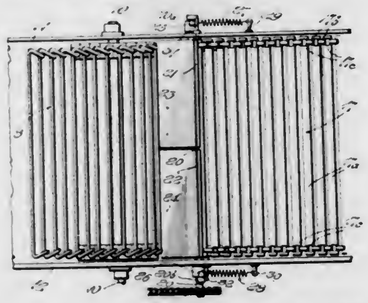
1. A fastening device comprising a hollow body of sheet material having a slot extending generally longitudinally thereof for permitting contractability during the insertion thereof through an opening in a support, said body having tongues

disposed adjacent said slot and having other outwardly acting tongues spaced peripherally therefrom and cooperating therewith to engage one



side of said support, said body having means thereon spaced from the tongues and extending outwardly therefrom for cooperating with the tongues to hold an article on said support.

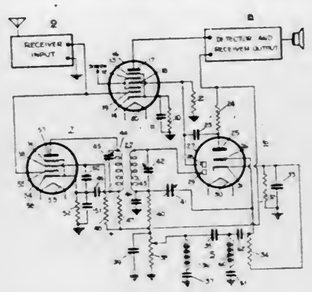
2,438,500
CONVEYING MECHANISM FOR HARVESTING MACHINES
Ralph S. Hertzler, Elverson, Pa.
Application December 11, 1945, Serial No. 634,382
7 Claims. (Cl. 198—45)



3. In a harvesting machine, an elevating chain-like conveyor, a picker table conveyor adjacent the end of said elevating chain-like conveyor, and a plurality of coplanar pivotally mounted chutes interposed between said elevating conveyor and the picker table conveyor for normally directing delivery of material from said chain-like elevating conveyor to said picker table conveyor and each displaceable under pressure from obstructions caught and carried by said chain-like conveyor, a lever arm connected with each of said pivotally mounted chutes, separate spring means for continuously subjecting each of said lever arms to tension for normally maintaining said chutes in a coplanar position for directing material from said chain-like conveyor to said picker table conveyor, said chutes and lever arms being angularly displaceable under pressure developed by the movement of obstructions caught in and carried by said chain-like conveyor, and said chutes being returnable to normal delivery position under control of the spring tensioned lever arms.

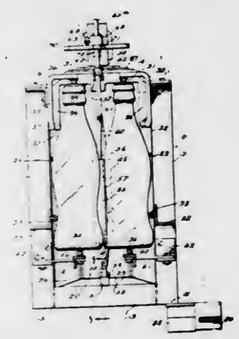
2,438,501
RADIO NOISE REJECTOR CIRCUIT
Donald L. Hings, Ottawa, Ontario, Canada, assignor to Electronic Laboratories, Inc., Indianapolis, Ind., a corporation of Indiana
Application August 21, 1942, Serial No. 455,629
In Canada August 20, 1942
9 Claims. (Cl. 250—20)

1. In a radio receiver subjected to incoming energy waves, the improvement of circuit means for amplifying the said energy waves comprising, in combination, a first amplifier tube arranged to supply a load circuit and having at least a control grid and a second grid, a second amplifier tube having at least a control grid, the control grids of said tubes receiving said incoming energy waves, said second tube amplifying said incoming energy waves, connection means between the second tube and the second grid for impressing the amplified incoming energy waves upon the



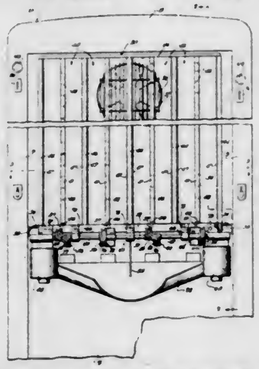
second grid in substantially an in-phase relationship to the incoming waves to increase the sensitivity and the gain of the first amplifier tube, and biasing means for the second grid responsive to the amplitude of the amplified energy waves impressed upon the second grid to shift the bias of the second grid for governing the action thereof.

2,438,502
VENDING MACHINE
Marcus L. Holt, Lookout Mountain, Ga., assignor of one-half to John B. Brock, Adairsville, Ga.
Application October 5, 1944, Serial No. 557,281
13 Claims. (Cl. 312—48)



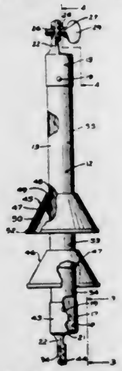
1. In a vending machine for bottled merchandise, the combination of means for guiding and maintaining the alignment of two stacks of bottles by engagement on three of the sides of said bottles, spacing means located between the bottles of adjacent stacks, the bottles in the two stacks being offset vertically from each other, supporting means for the lowermost bottle in one stack or the other, depending upon the position of said supporting means, coin controlled means for controlling the position of said supporting means, whereby the supporting means may be released to move laterally into position to hold the lowermost bottle in one stack while releasing the lowermost bottle in the other stack.

2,438,503
VENDING MACHINE
Marcus L. Holt, Lookout Mountain, Ga., assignor of one-half to John B. Brock, Adairsville, Ga.
Application May 8, 1946, Serial No. 668,188
14 Claims. (Cl. 312—88)



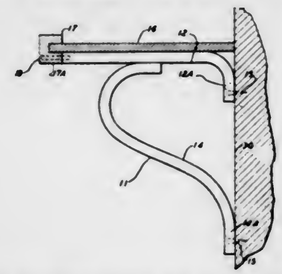
12. In an article vending machine, the combination comprising guides defining adjacently disposed sections through which said articles normally gravitate from top to bottom, each of said sections being of a width to hold a plurality of laterally displaced rows of articles, a series of laterally movable elements in each section for retaining the articles of said rows in staggered relationship, laterally shiftable means for each of said sections for normally retaining said articles in the sections by engagement with the lowermost one of the articles in the section, power driven means for laterally shifting the laterally shiftable means in sequence to effect sequential release of said lowermost articles, means for energizing the power driven means, and control means dependent upon the release of one of said articles for deenergizing the power driven means.

2,438,504
STORM ATTACHMENT FOR HIGH LINE TOOLS
David C. Hubbard, Centralia, Mo., assignor to A. B. Chance Company, Centralia, Mo., a corporation of Missouri
Application November 23, 1944, Serial No. 564,845
3 Claims. (Cl. 174—138)



1. In a storm attachment for high line tools, the combination of a wooden insulating pole of substantially cylindrical shape having a metal fitting at one end adapted to be used for attaching any of a plurality of different tools, said fitting comprising a ferrule fixedly secured on the pole and an axially extending partially circular flange having a threaded bore provided with a clamping screw bolt, a complementary fitting carried by the other end of the pole, including a metallic ferrule and an axially extending slotted flange of partially circular shape adapted to receive the clamping screw bolt of a tool supporting pole having a fitting similar to the first-mentioned fitting, the said wooden pole being provided with a plurality of self-draining insulating skirts of resilient bendable material, each skirt having a substantially frusto-conical depending portion and an integral tubular collar having a tight frictional grip on said pole, that portion of the pole above said skirts being provided with an insulating covering whereby the said attachment may be utilized on line poles to hold tools in wet weather without substantial danger of leakage of electricity along the pole due to the dry gaps provided beneath said skirts.

2,438,505
SHELF
Richard O. Hunt, Altadena, Calif.
Application January 19, 1946, Serial No. 642,153
5 Claims. (Cl. 211—90)

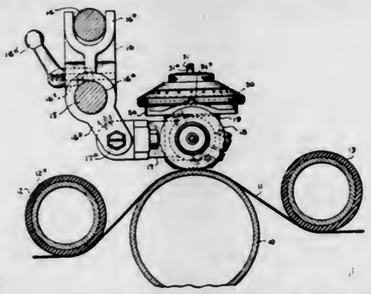


1. In a shelf structure, the combination which comprises a plurality of brackets spaced from each other and adapted to be fastened to a wall, a plate resting on the brackets with its rear edge against the wall and its front edge projecting slightly beyond the brackets, a strip provided with a groove into which the front edge of the plate is fitted and having transverse projections at both ends likewise grooved, the side edges of the plate being fitted in the grooves in the projections, the strip abutting the fronts of the brackets, and means securing the brackets to the strip at the places of abutment.

2,438,506
ELECTROMAGNETIC GAUGE
Aaron G. Ladrach, Akron, Ohio; Dorothy B. Ladrach, administratrix of said Aaron G. Ladrach, deceased, assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn., a corporation of New Jersey
Application November 25, 1943, Serial No. 511,696
12 Claims. (Cl. 175—183)

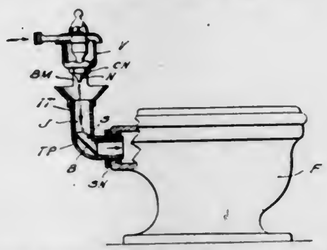
1. A continuous electromagnetic gauging device for sheet or strip magnetic material comprising a work-supporting member of magnetic material over a portion of which sheet or strip magnetic material is engageable to move along a path, supporting means extending transversely

of the path of said magnetic material above and in advance of said work-supporting member, a support adjustable along said transversely extending supporting means, means for securing said support on said transversely extending supporting means in various positions transversely or width-wise of the path of the sheet or strip magnetic material, a carriage shiftable upon said support toward and from said work-supporting member and extending in said path of movement of said sheet or strip magnetic material, a supporting element on said carriage for direct en-



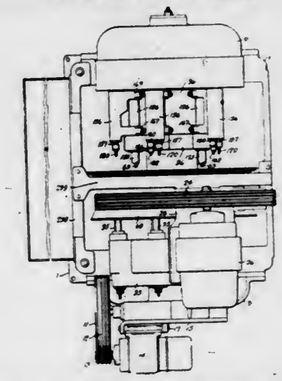
gagement with the surface of said work-supporting member adjacent said material-engaging portion thereof, an electromagnet mounted on said carriage so as to overlie said material-engaging portion of said work-supporting member, and means on said carriage for adjusting said electromagnet thereon relatively of said work-supporting member, said adjusting means including a micrometer having a screw for adjusting said electromagnet and a dial member releasably connected to said screw for indicating the adjustment thereof, and means for releasably locking said dial member to said screw.

2,438,507
PLUMBING FIXTURE INSTALLATION
Jesse D. Langdon, Long Beach, Calif.
Application November 27, 1944, Serial No. 565,353
5 Claims. (Cl. 4—70)



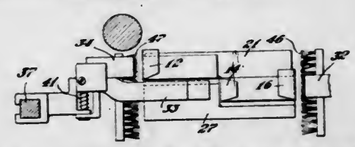
1. The combination with a flushing valve having an inlet for attachment to a source of pressure fluid supply and having an outlet formed by a nozzle spaced away from and in alignment with the open end of an elbow constituting a tailpiece forming the inlet to a fixture capable of containing contaminated liquid, said combination comprising tubular baffle means extended across the bend formed by said elbow within said tailpiece, the opening through the baffle in alignment with said nozzle whereby liquid projected from said nozzle is permitted to entrain atmospheric air, means retaining the baffle in operative position within said tailpiece, bypass means between said tubular baffle and the wall of said tailpiece whereby air is permitted to bypass said tubular baffle and be entrained with fluid projected beyond the baffle into said fixture, said baffle adapted to change the plane of the direction of fluid flow projected from said nozzle.

2,438,508
MULTIPLE SPINDLE CHUCKING MACHINE
Arthur J. Lewis, Stratford, Conn., assignor to The Baird Machine Company, Stratford, Conn., a corporation of Connecticut
Application November 18, 1942, Serial No. 466,011
51 Claims. (Cl. 29—38)



1. In a machine of the character described, a central shaft, spaced housings carrying bearings adjacent the opposite ends of the shaft for supporting the shaft, a turret mounted on and secured to the shaft to rotate therewith, a plurality of work spindles mounted in the turret, work holding means in each spindle opening through opposite sides of the turret, a support mounted on and secured to the shaft at each side of the turret to rotate therewith, tool carriers mounted on said supports and movable toward and from work pieces mounted in the spindles, said turret and supports being mounted on the shaft between the shaft bearings so that the shaft is supported at spaced points at opposite sides of the turret and supports, and means for rotating the shaft to rotate the turret and said supports.

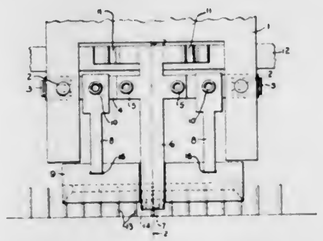
2,438,509
MANUFACTURE OF CARDBOARD BOXES
Henry P. McGovern, Fayville, Mass., assignor to Dennison Manufacturing Company, Framingham, Mass., a corporation of Massachusetts
Application January 5, 1945, Serial No. 571,450
8 Claims. (Cl. 93—54.2)



1. For making cardboard boxes of the type comprising a bottom, front, back and two sides fast together at all four corners of the box, a cover comprising a top, front and sides fast together at the corners, and a sheet of material covering the outer surfaces of both the box and

the cover with tabs to cover the corners, the sheet hinging the box and cover together with the upper edge of said back juxtaposed to the rear edge of said top so that when the cover is open 180° said bottom and the top of the cover are in parallel planes offset by the depth of the back of the box, apparatus comprising a head carrying two offset forms having their faces disposed in said offset planes to fit into the box and cover simultaneously when the cover is open 180°, means for moving the head along a predetermined path extending in a direction parallel to said sides, and means distributed along said path for wiping the margins of said sheet along said sides and fronts and thence over said edges while the box and cover are disposed in offset planes.

2,438,510
ELECTRICAL CONTACT BRUSH
Ernest S. McLarn, Manhasset, N. Y., assignor to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application July 29, 1944, Serial No. 547,172
1 Claim. (Cl. 200—166)

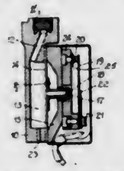


A contact brush for use in apparatus wherein contact and alignment are effected in succession between the contact brush and a plurality of linearly mounted contact pins, said contact brush comprising a first pair of substantially parallel metallic spring members having inner contact surfaces at one end of each for making electrical contact with said contact pins, supporting means for said spring members, a second pair of substantially parallel spring members mounted on said supporting means one behind each of the first pair of spring members and vibration-damping blocks of homogeneous structure mounted one between and supported solely by each two adjacent spring members of said first and second pairs of spring members.

2,438,511
COPPER, CHROMIUM, ARSENIC COMPOUND FOR WOOD PRESERVING
William McMahon, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application December 31, 1941, Serial No. 425,125
10 Claims. (Cl. 167—38.5)

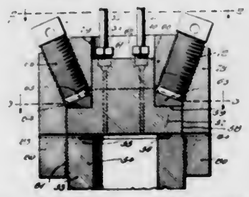
1. A preservative for wood consisting of ingredients which, when dissolved in water, are capable of reacting with certain substances in said material to form compounds which are all water-insoluble, said ingredients comprising chromium trioxide and a substantial amount of a copper compound the component of which, other than copper, is selected from the group consisting of hydroxide, carbonate, chromate, dichromate and arsenate, said chromium trioxide being present in a substantial amount at least sufficient to maintain the metal compound in solution when the ingredients are added to water.

2,438,512
PNEUMATIC SWITCH
Jean Mehut, Lyon, France, assignor to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application March 1, 1943, Serial No. 477,652
In France February 21, 1942
Section 1, Public Law, 690, August 8, 1946
Patent expires February 21, 1962
2 Claims. (Cl. 200—83)



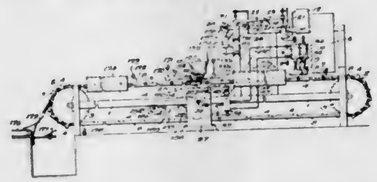
1. A pneumatic-electrical relay for the conversion of a rapid pulse of pneumatic energy to a corresponding rapid pulse of electrical energy, said relay including a body formed with a chamber open on one side thereof, a flexible diaphragm of rubber like material secured to said body so as to close the open side of said chamber, means to connect said chamber with a source of rapidly pulsing pneumatic energy, a push button having a radial enlargement providing a substantially flat surface resting on the outer face of said diaphragm, a switch base mounted on said body and carrying a fixed contact element and a movable contact element, said movable contact element including a spring blade disposed in the path of said push button and deformable by the latter to open its normally closed contact, a dome shaped cover member inserted between said body and said switch base and provided with a guide sleeve to receive the push button and said push button being provided at its outer end with a contact element engaging portion radially enlarged to engage the sleeve end to limit inward movement of the push button.

2,438,513
CLOSURE FOR HIGH-PRESSURE VESSELS
Douglas P. Meigs, Silver Spring, Md., assignor, by mesne assignments, to American Instrument Co., Inc., a corporation of Maryland
Original application August 19, 1943, Serial No. 499,284. Divided and this application May 26, 1944, Serial No. 537,492
5 Claims. (Cl. 220—39)



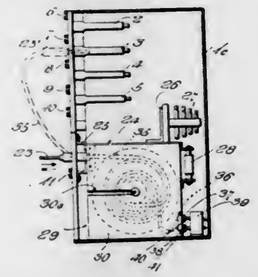
1. A closure for high pressure vessels comprising a receptacle enclosing a high pressure medium, a head engageable with said receptacle, a cap ring engageable with said receptacle, an annular member disposed between said cap ring and said head and a plurality of angularly disposed adjustable pressure applying members extending through said cap ring and engageable against said annular member and converging on axes in a direction toward the center of pressure within said receptacle for exerting pressure against said head for sealing said head with respect to said receptacle.

2,438,514
METHOD AND APPARATUS FOR DECORATING POTTERY WARE
William J. Miller, Swissvale, Pa., assignor to Miller Pottery Engineering Company, Swissvale, Pa., a corporation of Pennsylvania
Application August 21, 1941, Serial No. 407,733
19 Claims. (Cl. 41—1)



1. In an organized machine for decorating pottery ware, and the like, apparatus for feeding ware, size applying apparatus, means for conditioning the size preparatory to the application of decalcomania to the ware, decalcomania transfer cutting and applying apparatus and ware conveying means having ware seats adapted to receive ware from the feeding apparatus and to transfer the ware to and through sizing, size conditioning and decorating positions as represented by the apparatus named in predetermined mutual relationship, the ware being discharged from the conveying means subsequent to decorating.

2,438,515
PLUG AND JACK BOX SWITCHING UNIT
Marvin F. Mohler, Arlington, Va.
Application October 9, 1945, Serial No. 621,335
10 Claims. (Cl. 179—95)



1. A switching unit comprising a multiplicity of two circuit jacks, a multiplicity of coacting cords and two circuit plugs connected therewith and insertable into and removable from said jacks for establishing connection between said two circuit plugs and said two circuit jacks and spring actuated two section reels for storing said cords on both sections thereof, and spring means within one of the sections of said reel for tensioning said cords and reeling all surplusage of said cords onto both of the sections of said two section reels preparatory to an unreeling operation.

2,438,516
POLYSTYRENE ELECTRIC INSULATING MATERIALS
Archibald Alan New, London W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y.
No Drawing. Application June 17, 1942, Serial No. 447,475. In Great Britain July 15, 1941
1 Claim. (Cl. 260—36)

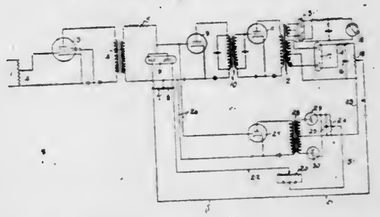
A solid insulating material that comprises nine parts by weight of a styrene polymer having a molecular weight of 80,000 and homogeneously distributed therein one part by weight of 2:2'-ditolyl, said insulating material being characterized by having a power factor not greatly in excess of 0.0003 at 10^6 cycles and by having substantially permanently unvarying plasticity.

2,438,517
GAUGE KNIFE
Charles E. A. O'Loughlin, St. Paul, Minn.
Application December 23, 1944, Serial No. 569,445
4 Claims. (Cl. 30—279)



4. A gauge paring tool comprising an integral piece of sheet metal, the same having spaced blades punched therefrom, said blades having sharpened edges facing in substantially opposite directions, said piece being of angular inverted trough shape between said blades, gauge portions extending longitudinally of said blades and spaced therefrom transversely of said blades, the same extending away from said blades and having convex surfaces at the sides adjacent said blades, said piece having a handle at one end spaced a short distance from said blades.

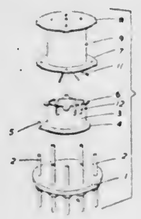
2,438,518
CIRCUIT FOR MEASURING VOLTAGE OF AN ALTERNATING SOURCE
Raymond G. Piety, Yonkers, N. Y., assignor to Phillips Petroleum Company, a corporation of Delaware
Application July 25, 1944, Serial No. 546,570
6 Claims. (Cl. 171—95)



1. In an electrical circuit for measuring the voltage of an alternating signal current having interference voltage components, comprising a source of such alternating signal current, means fed thereby for amplifying said signal current, means for producing a derived current therefrom, clipping means for suppressing the interference voltage peaks of said derived signal current, means connected thereto and tuned to the frequency of said signal current, means for rectify-

ing the output of said tuned means, means for measuring the average value of said rectified current, means for applying said rectified current to said clipping means to control the clipping level thereof, a full wave rectifier fed by said clipping means, and means for applying a portion of said last rectified current to said clipping means so that its voltage is in opposition to the voltage applied to the clipping means from said first rectifier.

2,438,519
TUBULAR ELECTRODE ASSEMBLY SUPPORT FOR VACUUM TUBES
Stephen John Powers, London, England, assignor to Standard Telephones and Cables Limited, London, England, a British company
Application January 1, 1945, Serial No. 570,887
In Great Britain November 19, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires November 19, 1963
8 Claims. (Cl. 250—27.5)

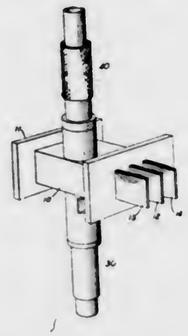


1. An electron discharge device comprising a substantially flat header, a plurality of straight terminal pins mounted in a circle and sealed perpendicularly therethrough, a tubular metal support member resting upon the said header inside the said circle and secured to one of the said terminal pins out of contact with the other pins, an assembly of electrodes insulated from and mounted on the said support member, a wire connecting each of the said electrodes with a corresponding one of the said terminal pins, and an envelope bulb sealed to the said header and enclosing the said support member and assembly.

2,438,520
POLYMERS OF UNSATURATED OXYSILICOLS
Norman P. Roble and Fred E. Sheibley, Lewiston, N. Y., assignors to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware
No Drawing. Application March 15, 1943, Serial No. 479,218
9 Claims. (Cl. 260—83)

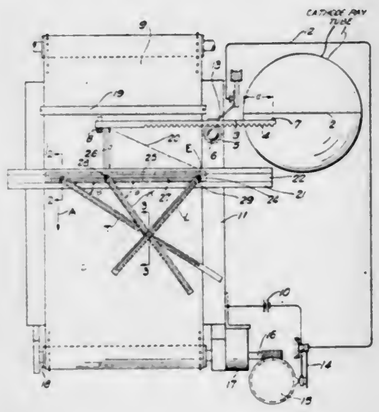
9. An organic resinous silicon polymer having the monomeric formula $(RO)_nSi(OH)_{4-n}$, said polymer being the polymer of an organic oxy silicol obtained by reacting a silicon tetrahalide with an unsaturated aliphatic monohydroxy alcohol of the formula ROH, wherein R is an unsaturated residual aliphatic grouping of the unsaturated aliphatic monohydroxy alcohol after removal of the alcoholic hydroxyl group therefrom, said aliphatic grouping in the monomeric formula containing vinylidene ($CH_2{=}C{=}$) unsaturation, the residual halogen of the initial reaction product having undergone hydrolysis, n being a positive number less than 4 and within substantially the limits of 1 and 3.

2,438,521
CRYSTAL FREQUENCY CONVERTER
William M. Sharpless, Fair Haven, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application February 15, 1945, Serial No. 578,030
5 Claims. (Cl. 250—31)



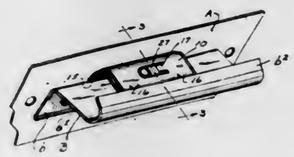
5. In a crystal cartridge holder a sleeve member having an inner seat, a spring chuck carried in said seat, a tubular clamping member threaded on the inner surface of said sleeve member for clamping said chuck in said seat, and a handle member having a spring jaw at one end for gripping the crystal cartridge and adapted to be inserted within said tubular clamping member to insert and remove the crystal cartridge from said spring chuck.

2,438,522
GEOMETRICAL COMPUTING DEVICE
Edward W. Smith, Melrose, Mass., assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass., a corporation of Delaware
Application June 18, 1943, Serial No. 491,419
1 Claim. (Cl. 235—61.5)



A device for determining from an attacking vessel the necessary course of a torpedo for the latter's collision with a target vessel comprising the combination of a record chart having an axis, means operable to produce thereon a series of marks defining a line which when attacking and target vessels are on collision courses at constant speeds is a straight line making an angle with said chart axis such that said angle is a measure of the rate of change of distance of the target vessel from the attacking vessel and a portion of said line represents the hypotenuse of a right triangle whose altitude is a predetermined length of said chart axis and whose base is a measure of the speed of the target vessel relative to the attacking vessel, scale means calibrated in units of speed, adjustable mounting means for mounting said scale means over said chart in a position to coincide with the base of said triangle, a plurality of scale-carrying arms calibrated in similar units of speed and adapted to represent velocity vectors and means pivoting the same to said first scale means at adjustable points along its length for establishing vector triangles representing the relative speeds and courses of the attacking vessel, the target vessel and the torpedo.

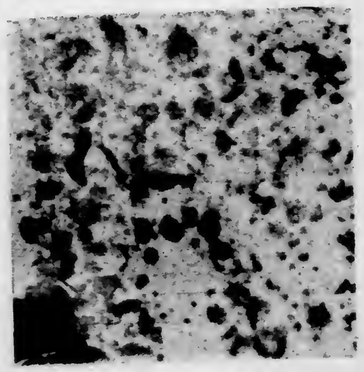
2,438,523
FASTENING DEVICE
George A. Tinnerman, Cleveland, Ohio, assignor to Tinnerman Products, Inc., Cleveland, Ohio, a corporation of Ohio
Application August 21, 1944, Serial No. 550,339
9 Claims. (Cl. 248—74)



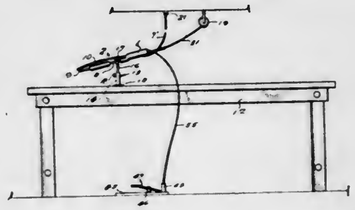
1. The combination of a wall, a longitudinal member secured thereto projecting outwardly therefrom and having a return bent free edge portion projecting toward the wall and a clip mounted between the wall and return bend and adapted to hold members in the support, said clip comprising a resilient member adapted to be sprung into position by snap action, said clip having an intermediate body portion and one extreme portion engaging the wall and another extreme portion providing a return bend from the body portion and extending beneath the free edge of the return bend of said longitudinal member.

2,438,524
RAW MATERIAL FOR CERAMIC GLAZES
Forrest L. Turbett and Harry B. Stephenson, Jr., Joplin, Mo., assignors to The Eagle-Picher Company, Cincinnati, Ohio, a corporation of Ohio
Application May 16, 1944, Serial No. 535,890
8 Claims. (Cl. 106—49)

7. A yellowish white, crystalline, crushable, homogeneous substance useful in ceramic glazes and characterized by a low solubility in boiling 4% acetic acid, said composition being the product of the incipient fusion of a finely divided lead oxide, finely divided SiO_2, and a minor proportion of a finely divided member of the group consisting of alumina, aluminum hydroxide and aluminum silicate, said constituents having been mixed with each other before the mixture is heated.



2,438,525
SOLDERING IRON
Frederick Edward Walters, Chicago, Ill.
Application August 17, 1944, Serial No. 549,931
1 Claim. (Cl. 113—109)

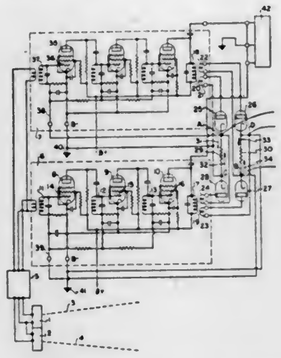


In a soldering iron, a hollow elongated handle adapted for the passage of wire solder therethrough and forming a chamber extending longitudinally in the same, a longitudinally extending guide bar in said chamber having a longitudinal slot therein intermediate the ends thereof and an axial bore through which the wire solder is adapted to be fed and passed through said slot, a U-shaped solder feeding carriage slidably fitted in the slot of said guide bar for advance and retraction therein along said guide bar, and through which said wire solder is adapted to slidably extend, coacting devices in said carriage for yieldingly clamping the wire solder to the carriage during advance of said carriage, and manipulative means for advancing the carriage comprising a yoke straddling the same and slidable on said guide bar.

2,438,526
SYSTEM FOR DETERMINING THE DIRECTION OF A SOURCE OF SOUND
Charles Hamlin Waterman, South Portland, Maine, assignor, by mesne assignments, to Submarine Signal Company, Boston, Mass., a corporation of Delaware
Application April 18, 1944, Serial No. 531,681
9 Claims. (Cl. 177—352)

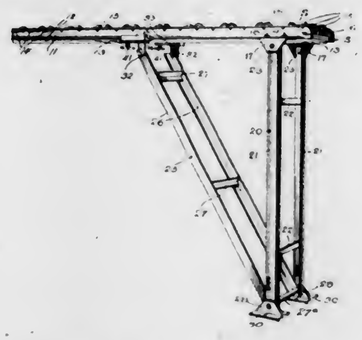
1. A method of intensifying the balance between two signal elements which comprises am-

plifying each signal element separately and impressing at least a portion of the amplified signals of each signal element back on the amplifier of both signal elements separately, the portion



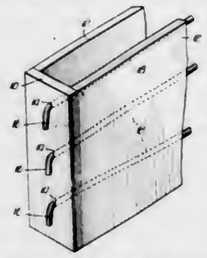
of the signal impressed upon its own original signal element being in a direction to increase that signal intensity and on the other signal element being in a direction to reduce that other signal intensity.

2,438,527
CONVEYOR SUPPORT
Le Roy L. Werner, Washington, D. C.
Application November 27, 1943, Serial No. 511,925
7 Claims. (Cl. 193—35)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



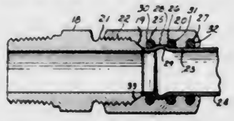
7. A portable conveyor section including side rails to support conveyor elements, adjustable leg structure supporting said conveyor section including a first member pivotally secured to an end portion of the side rails, a second member pivotally secured to the first member, ground-engaging means movably secured to one of said members, slides adjustable along the rails and pivotally secured to the second member, said slides being movable to a plurality of positions to vary the height at which the conveyor is supported or to permit said members to spread to a position substantially parallel to the rails, and means for clamping said slides to the rails in either supporting or spread positions.

2,438,528
METHOD AND APPARATUS FOR MOLDING AND DRAINING CONCRETE
Warner F. Wilhelm and Warren F. Wilhelm, Chicago, Ill.; said Warner F. Wilhelm assignor to said Warren F. Wilhelm
Application September 23, 1944, Serial No. 555,415
4 Claims. (Cl. 25—131)



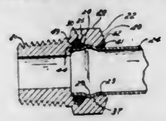
1. Apparatus for forming structural elements, comprising one or more forms providing a space within the same to receive a body of plastic concrete and at least one body of pervious material disposed within and communicating with the exterior of said one or more forms and adapted to be embedded within a body of plastic concrete disposed within said space, said body of pervious material comprising a rope-like drainage strip of cellulose, whereby water from said body of plastic concrete is disposed of exteriorly of said wall by passage through said drainage strip of pervious material, and means for supporting said drainage strip within said forms.

2,438,529
SLEEVE NUT COUPLING
George V. Woodling, Cleveland, Ohio
Application January 25, 1945, Serial No. 574,467
5 Claims. (Cl. 285—97.1)



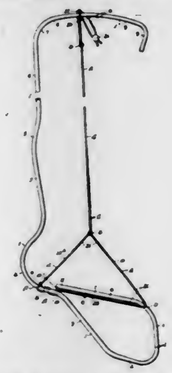
1. A tube coupling member disposed to be turnably and sealingly connected to a tube portion inserted therein, said coupling member having a counterbore extending inwardly from an end thereof, said counterbore having a cylindrical wall to closely receive the tube and enlarged internal wall means to receive an expanded section of the tube portion and first and second sealing means, said enlarged internal wall means having first and second grooves longitudinally disposed from each other and spaced inwardly from said end to receive respectively said first and second sealing means prior to the insertion of the tube into the counterbore, said first and second grooves having respectively first and second inwardly extending wall portions meeting with the cylindrical wall to define therewith first and second junctures, said first inwardly extending wall portion and the tube being engageable by the first sealing means for effecting a sealing engagement therebetween at said first juncture, said second inwardly extending wall portion and the tube being engageable by the second sealing means for effecting a sealing engagement therebetween at said second juncture, at least said first inwardly extending wall portion being opposed to and longitudinally spaced from the expanded section of the tube to receive the first sealing means between the said first wall portion and the expanded section of the tube, said first sealing means being turnably engageable by the expanded section of the tube portion to provide for relative turning movement between the coupling member and the tube.

2,438,530
COUPLING MEMBER
George V. Woodling, Cleveland, Ohio
Application January 25, 1945, Serial No. 574,468
6 Claims. (Cl. 285—97.5)



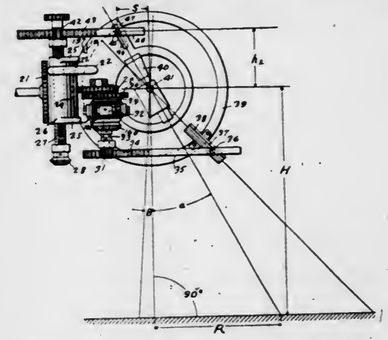
1. A tube coupling member disposed to be turnably and sealingly connected to a tube portion inserted therein, said coupling member having a counterbore extending inwardly from an end thereof, said counterbore having an annular wall to closely receive the tube and enlarged internal wall means to receive an expanded section of the tube portion and sealing means, said enlarged internal wall means having first and second inwardly extending wall portions respectively meeting with the annular wall to define therewith first and second annular junctures longitudinally spaced from each other and inwardly from said end, one of said inwardly extending wall portions being engageable by the expanded section of the tube to produce a turnable expansion fit therewith which provides for relative turning movement between the coupling member and the tube portion, the other of said inwardly extending wall portions and said tube portion being engageable by the sealing means for effecting a sealing engagement therebetween.

2,438,531
MEANS FOR STRETCHING OR SHAPING SOCKS AND SIMILAR FOOT COVERINGS
Norris Barker, Johannesburg, Transvaal, Union of South Africa
Application August 9, 1946, Serial No. 689,317
In the Union of South Africa August 28, 1945
4 Claims. (Cl. 223—77)



1. Means for stretching or shaping socks and similar foot coverings, including a frame shaped to conform substantially to the shape of the toe, sole, heel and back portions of the sock or the like when in a flat condition, and extending forwardly at the top of the back portion, and a cord adapted, when in use, to extend from the toe portion of the frame to and engage with the forwardly extending portion thereof, and to be moved into position to apply tension to the front of the sock to cause it to be stretched or shaped upon and by the frame and said cord; said cord including a portion adapted to extend from the forwardly extending portion of the frame to a point in the region of the ankle, a portion connecting the cord at such point to the toe portion of the frame and serving to stretch or shape the front of the foot of the sock, and a further portion connecting said cord at said point to the heel portion of the frame and serving to limit the movement of the cord in a forward direction at the ankle.

2,438,532
SYNCHRONIZING BOMB SIGHT
Theodore H. Barth, New York, N. Y., assignor to United States of America as represented by the Secretary of the Navy
Application September 28, 1932, Serial No. 635,298
35 Claims. (Cl. 33—46.5)



1. A bomb sight, comprising a casing, a cardan tiltably mounted therein, a gyro mounted in said cardan to tilt at right angles to the Cardan tilt, means to level said gyro, a cradle mounted in said cardan to tilt in the same sense as the gyro and connected to the gyro to be stabilized thereby, a sighting telescope mounted in said cradle to tilt in the same sense as the cardan, an arcuate rack secured to the telescope, a pinion engaging the said rack, a cable drum connected to the pinion, a sheave on the cardan adjacent the forward cradle axis, a second sheave thereon adjacent a Cardan axis, a third sheave exteriorly of the casing adjacent the same Cardan axis, a second cable drum, a cable having its ends respectively secured to the said drums and passing over all said sheaves and through both the said axes, an indicator ring rotatable on said casing around said telescope, said ring being provided with diametrically opposed windows through which the telescope may be directed upon a target, an arcuate rack carried by said ring, a gear engaged with said rack and operatively connected to said second cable drum whereby said cable is wound on said second cable drum and said telescope is rotated forwardly on its trunnions at the same angular rate as that of said ring, means to move said telescope backwardly upon backward movement of said ring,

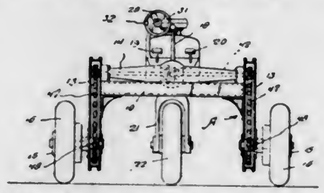
means to drive said ring, a range angle scale mounted on said casing adjacent said ring, an index on said ring extending over said scale, a range quadrant adjacent said scale and having thereon a reference line, means to set said quadrant to indicate by said line a range angle on said scale, said last mentioned means being connected to make an adjustment of the speed of the driving means for said ring simultaneously with the setting of said quadrant, means to adjust the speed of said driving means to correspond to a given altitude, means to correct the range angle indication for the trail of a bomb, means for indicating a cross-trail correction, and means to close automatically a circuit to actuate a bomb release mechanism at the instant of coincidence of said index with the said reference line on the range quadrant.

2,438,533
EXPANSION STUD AND KEEPER ELEMENT COMBINATION
Clarence V. Booth, Lakewood, N. J.
Application March 2, 1946, Serial No. 651,584
1 Claim. (Cl. 85—6)



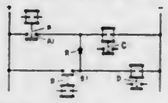
In combination, a keeper element to be fastened to a structure, said element having therein a hole to receive an expansion stud, an expansion stud insertable through said hole, the inner end portion of said stud being slotted and thereby divided into a plurality of resilient arms, said stud having an axial bore extending from its outer end to a point near its inner end, a pin disposed in said bore, a screw threaded in the outer end portion of said bore for forcing said pin inwardly, the inner end of said pin being effective by engagement with the walls defining the inner end of said bore to spread said arms apart when said pin is forced inwardly by said screw, and exterior lugs on the inner end portion of said arms, the inner end portions of said arms being insertable through the hole in said bracket when said arms are contracted relative to each other, said lugs being effective to positively prevent withdrawal of the inner end portion of said stud from said hole when said arms are spread by said pin and screw substantially tightly into said hole, said pin and screw being disposed entirely within the end limits of said stud when the latter is fastened to said keeper element.

2,438,534
TRANSPORTATION VEHICLE
James E. Bowers, Allentown, Ga.
Application July 12, 1944, Serial No. 544,526
2 Claims. (Cl. 180—54)



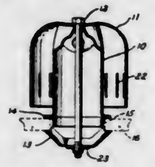
1. A vehicle of the character described comprising a chassis frame, depending elongated perpendicular housings fixed to the outside of said frame adjacent its rear end with their upper ends extending above the frame, a drive shaft extending transversely of said frame having its ends extending into the upper ends of said housings and supported thereby, a power unit connected with said drive shaft, wheel axles journaled in the lower ends of said housing and projecting laterally outwardly therefrom, wheels mounted on said axles, driving connections between said drive shaft and said wheel axles confined within said housing and a pivoted arched steering frame at the forward end of said frame supporting the forward end of the frame in the same horizontal plane as the rear end.

2,438,535
ELECTRIC CIRCUIT
William Henry Bruns, Lincolndale, N. Y., assignor to Otis Elevator Company, New York, N. Y., a corporation of New Jersey
Application July 26, 1945, Serial No. 607,121
7 Claims. (Cl. 171—97)



7. In combination; a source of current; a translating device; a circuit for connecting said translating device to said source; circuit controlling means operable to connect one side of said circuit to one side of said source; a second translating device; a second circuit for connecting said second translating device to said source; additional circuit controlling means operable to connect one side of said second circuit to the other side of said source; a third translating device; a third circuit for connecting one side of said third translating device to said one side of said source through the first mentioned circuit controlling means and the other side to said other side of said source through said additional circuit controlling means; and unidirectional current conducting means in said third circuit to permit the flow of current to said third translating device through said first mentioned circuit controlling means but to block the flow of current from said second circuit to said first mentioned translating device.

2,438,536
BUBBLE CAP STRUCTURE
Thomas W. Cairns, National City, Calif., assignor to Solar Aircraft Company, San Diego, Calif., a corporation of California
Application May 10, 1946, Serial No. 668,874
4 Claims. (Cl. 261—114)



1. A bubble cap assembly adapted to cover an opening in a bubble tray and including a riser adapted to seat on said tray opening, a cap adapted to rest on and be supported by said riser, a hold-down spider adapted to engage the under side of said tray, and a hold-down bolt interconnecting said cap and spider, in which said

riser comprises: a tubular member open at the lower end and having a seat for engaging the tray opening, said member having a gas discharge aperture therein and having upper edge portions folded back upon themselves and extending radially to constitute a seat for supporting said cap in fixed position relative to said riser.

2,438,537
KNOT
Arthur Dewey Carter, Gastonia, N. C.
Application October 3, 1945, Serial No. 620,083
1 Claim. (Cl. 28—78)



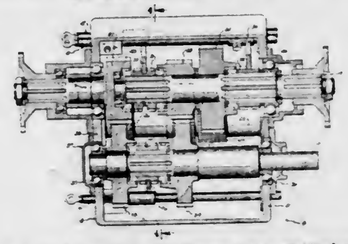
A knot for uniting two strands of yarn together in which the first and second strands are alined with each other and with their ends pointing in opposite directions, the first strand having its end passing across and above the second strand and then crosswise beneath the second strand and being doubled back upon itself above both the second strand and the first strand and the other strand having its free end crossed above the free end of the first strand, the second strand having its free end passed beneath the free end of the first strand and the main portion of the first strand and then the second strand having its free end passed above the body portion of the first strand and above the free end portion of the first strand and beneath the body portion of the second strand to thus form a knot in which the second strand bites both the main body portion and the free end of the first strand and in which the first strand surrounds the second strand and has the body portion and the free end thereof disposed around the second strand to thus provide a non-slipping knot.

2,438,538
KNOT
Arthur Dewey Carter, Gastonia, N. C.
Application October 3, 1945, Serial No. 620,084
1 Claim. (Cl. 28—78)



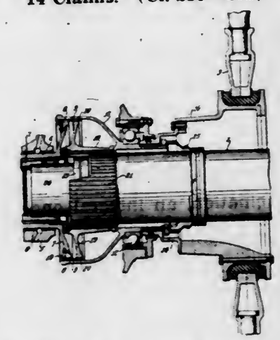
A knot formed by uniting the free ends of a first strand and a second strand in which the free end of the first strand is passed across and above the second strand, the free end of the second strand being passed across and above the main portion of the first strand, the free end of the second strand being passed across and beneath the body portion of the first strand, the free end of the first strand being passed backwardly beneath the free end of the second strand and above the body portion of the first strand, the free end of the second strand being passed across and beneath the body portion of the first strand, the free end of the second strand being passed across and above the body portion of the first strand and beneath the second strand.

2,438,539
COMBINED AUXILIARY TRANSMISSION AND POWER TAKE-OFF
Charles A. Cook, Oshkosh, Wis., assignor to Fuller Manufacturing Co., Kalamazoo, Mich., a corporation of Delaware
Application April 19, 1945, Serial No. 589,189
6 Claims. (Cl. 74—11)



1. A combination auxiliary transmission and full torque power take-off for automotive trucks comprising: a housing having spaced end walls; a power input shaft entering the housing through one of said end walls; a main driven shaft projecting from the housing through the other end wall; change speed gearing within the housing for connecting said shafts in different driving ratios including a main gear at all times drivingly connected with the power input shaft and a countershaft, the countershaft having a plurality of gears fixed thereon, one of which is at all times in mesh with said main gear; aligned bearings carried by said end walls; a power take-off shaft journalled in said bearings and having one end projecting through one end wall of the housing to have a driving member mounted thereon; a pair of gears normally loose on said power take-off shaft, one of which is at all times in mesh with the main gear and the other of which is at all times in mesh with one of the gears fixed on the countershaft; and means for selectively clutching one or the other of said pair of gears to the power take-off shaft so that the power take-off shaft is driven either in one direction directly from the main gear or in the opposite direction through the countershaft.

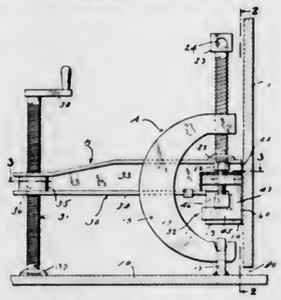
2,438,540
SUPPORT FOR ENGINE COOLING FANS
Gilmoure Nichols Cole, Manchester, Conn., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application April 1, 1944, Serial No. 529,077
14 Claims. (Cl. 230—272)



1. In a device for cooling aircraft engines, a crankshaft and a longitudinally separable exten-

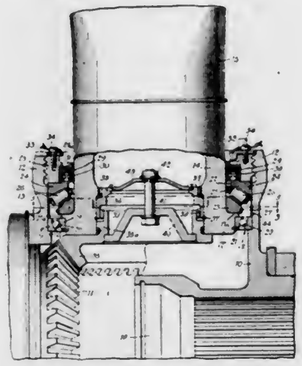
sion power shaft, a fan driven by said crankshaft, and means comprising a hollow shaft for driving said power shaft from said crankshaft independently of said fan drive.

2,438,541
CLAMP
Lloyd M. Crook, Long Beach, Calif.
Application June 10, 1944, Serial No. 539,669
7 Claims. (Cl. 29—284)



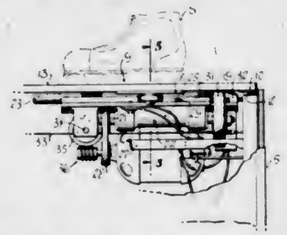
1. In combination, a C-clamp and a lever clamp, the C-clamp having a C-shaped body with spaced sections passing the lever clamp, having a hook at one end and having a clamp screw at the other end opposing the hook, the lever clamp having an inner end portion extending between the spaced sections and engaged by the screw and having a lever arm projecting from the C-clamp.

2,438,542
PROPELLER BLADE, BEARING, AND SEAL ASSEMBLY
Maurice E. Cushman, Verona, N. J., assignor to Curtiss-Wright Corporation, a corporation of Delaware
Application September 7, 1944, Serial No. 553,089
2 Claims. (Cl. 170—162)



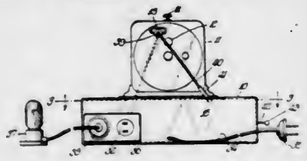
1. In combination, an integral one-piece propeller hub having a socket, said socket comprising a cylindrical wall and including a shoulder at its inner end, a blade shank centered in said socket, the shank having an integral primary flange thereon and a secondary flange extending outwardly from said primary flange, a counter-thrust anti-friction bearing having its outer race engaged with said socket wall and with said socket shoulder and having its inner race embracing said primary flange and engaging said secondary flange to limit inward movement of said shank in said socket; a pair of substantially semi-circular complementary races embracing said shank and engaging said primary flange, a pair of semi-circular complementary races fitted to said socket wall outboard of said flange, rollers between said pairs of races to sustain outward forces on said blade; annular retaining means, slidable over said shank flange prior to assembly of said races, engaging said hub socket and that race pair engaged with the socket wall to retain the blade in said socket through said races and rollers; annular resilient sealing means between said annular retaining means and said blade shank; a blade pitch control element within said socket and engaged with the butt end of said blade shank, and means for positioning and securing said control element to said shank.

2,438,543
ABRADING MACHINE
Thomas G. Custin and Robert G. Stoneman, Milwaukee, Wis., assignors of one-third to Jack Shaw, Milwaukee, Wis.
Application January 8, 1945, Serial No. 571,732
15 Claims. (Cl. 51—34)



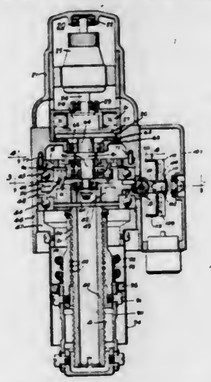
1. A skate sharpening machine comprising: clamp mechanism adapted to grip a skate; a grinder; means mounting the grinder for back and forth motion between defined limits along a path so related to the clamp mechanism that the grinder traverses the bottom of the blade of a skate in the clamp mechanism; means for driving the grinder back and forth along said path; and clamp releasing means connected with said grinder so as to travel in said back and forth path of travel of the grinder to be engaged with portions of the clamp mechanism upon motion of the grinder to one of its limits for effecting opening of the clamp mechanism and release of the skate.

2,438,544
ELECTRIC SWITCH OPERABLE BY ALARM CLOCKS
Stanley Dakoski, Chicago, Ill.
Application February 8, 1945, Serial No. 576,779
4 Claims. (Cl. 200—35)



3. In combination with an alarm clock, including an alarm winding stem, and a housing with which said alarm clock is rigidly connected, a time control switch comprising an actuable switch element within said housing, said housing being provided with an oblong slot, a rod connected by one of its ends with said alarm winding stem and extending by its opposite end within said housing through said slot for actuating said actuable element, said rod being adapted for angular swinging movement within said slot and longitudinally with relation thereto on operation of said alarm clock, the body portion of said housing adjacent each end of said slot constituting means for limiting the swinging movement of said rod in either direction, and means extending through said housing for rendering said actuable element inoperative.

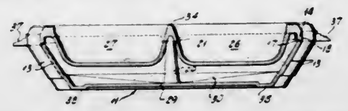
2,438,545
GEARED MOTOR LINEARLY ACTUATED
Charles D. Davidson, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application June 16, 1944, Serial No. 540,687
5 Claims. (Cl. 318—466)



5. In a device of the character described, the combination with a screw shaft having a traveling nut thereon; a reversible electric motor for driving said screw shaft; a plurality of switches, certain of which control the direction of rotation of the motor and others limit the operation of the motor in either direction; an actuator for the limit switches, comprising a driver disc having a radial slot, a driven cam having a spiral slot, a key slidable in the radial slot of the driver and extending into the helical slot of the driven cam; and means on the screw shaft for rotating the driver to move the key through the helical slot in the cam from one end to the other whereby the cam is actuated in either direction to operate a limit switch after a predetermined number of revolutions of the screw shaft.

2,438,546
UTENSIL
Joseph Davis, South Orange, N. J., assignor to Joseph Davis Plastics Co., Arlington, N. J., a corporation of New Jersey
Application January 9, 1946, Serial No. 640,127
2 Claims. (Cl. 65—15)

1. A dish for maintaining food at a desired temperature comprising an upper shell having downwardly extending food receiving recesses and a depending circumferential flange and a lower shell cooperating therewith to form a compartment for a removable thermal medium, said shells being formed of a molded plastic composition subject to irregular distortion under temperature changes, the lower shell including a flared upstanding circumeferential flange, complementary steps on the meeting edges of said flanges for interlocking engagement when the shells are assembled, an inner stud medially fixed to one shell,



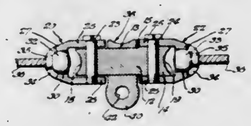
an inner socket medially fixed to the other shell and engageable with the end of the stud when the shells are assembled whereby the shells are interlocked medially for mutual support against distortion, said upper shell having an opening, and a plug for closing the same.

2,438,547
TOOL FOR APPLYING TRACTION DEVICES ON WHEELS
Martin H. Doebert, Buffalo, N. Y.
Application February 17, 1945, Serial No. 578,408
1 Claim. (Cl. 81—15.8)



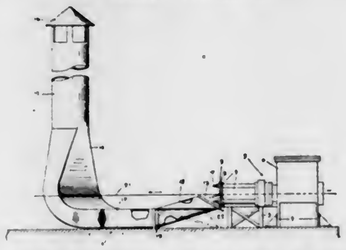
A tool for applying a traction device, having a perforated strap, to the circular part of a wheel; which tool comprises a strip shaped pulling body, and means for attaching the front end of said body to said strap including two jaws adapted to receive the perforated part of said strap between them, and one of said jaws being provided with a centrally positioned stud extending toward the other one of said jaws and having a rearwardly projecting prong at the top thereof adapted to penetrate the bore or wall of the perforation in the strap.

2,438,548
SWIVEL CONNECTION
Leslie G. Ehmann, Portland, Oreg., assignor to Electric Steel Foundry, Portland, Oreg., a corporation of Oregon
Application December 29, 1944, Serial No. 570,374
11 Claims. (Cl. 287—76)



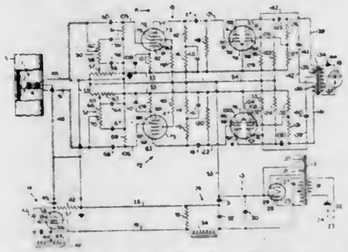
1. A swivel connection comprising, in combination, an intermediate connecting element providing an axial bearing surface intermediate its ends, secondary connecting elements connected to the ends of the intermediate connecting element for swinging movement in a plane extending longitudinally of the intermediate connecting element, end connecting elements connected to the secondary connecting elements for swinging movements in planes transverse to the planes of movement of the secondary connecting elements, and intervening connecting means mounted for rotary movement on said bearing surface.

2,438,549
APPARATUS FOR TREATMENT OF TRAVELING MATERIALS WITH FLUID MEDIA
William J. Elvin, Frostburg, and Max A. Shaffer, Cumberland, Md., and Elmer R. Stahl, Meyersdale, Pa., assignors to Celanese Corporation of America, a corporation of Delaware
Application January 26, 1944, Serial No. 519,822
2 Claims. (Cl. 68—5)



1. Apparatus for the treatment of travelling materials with fluid media comprising, in combination with a compartment for receiving treating fluid and having an end wall having an aperture therein, a jet having a bore of smaller diameter than said aperture extending axially therethrough through which the treated materials issue from said compartment into the atmosphere, said jet being arranged in said aperture so that the bore slopes away from the path of the travel of the materials therethrough so as to cause fluid issuing from said jet to flow in a direction away from the materials.

2,438,550
METHOD OF AND APPARATUS FOR INDICATING THE CONDITION OF AN ATMOSPHERE
William F. Ertzman, Pittsburgh, Pa., assignor to The Brown Instrument Company, Philadelphia, Pa., a corporation of Pennsylvania
Application February 5, 1944, Serial No. 521,181
18 Claims. (Cl. 175—183)



2. The method of detecting the presence of a gas in an atmosphere which includes the steps of exposing the plates of each of two similar electrical capacitances to said atmosphere, impressing a fluctuating potential between the plates of each capacitance of amplitude greater than the ionization potential of the gas to be detected, impressing a steady potential between the plates of one capacitance of amplitude approximately equal to the ionization potential of the gas to be detected, impressing a steady potential between the plates of the other capacitance of amplitude less than the ionization potential of the gas to be detected, and comparing the amplitudes of the charges accumulated on the plates of each capacitance.

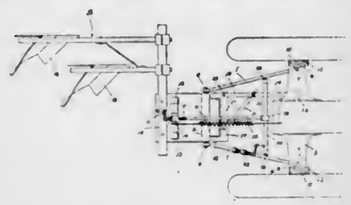
2,438,551
CHEWING GUM
Edward P. Fenimore, Drexel Hill, Pa., assignor to Bowman Gum, Inc., Philadelphia, Pa., a corporation of Pennsylvania
No Drawing. Application May 13, 1940, Serial No. 334,903
9 Claims. (Cl. 99—135)

1. A chewing gum material containing a stabilized glyceryl rosin ester and an alkyl cellulose.

2,438,552
CAST REFRACTORY PRODUCT
Theodore E. Field, Louisville, Ky., assignor to Corhart Refractories Company, Louisville, Ky., a corporation of Delaware
No Drawing. Application October 14, 1940, Serial No. 361,187
1 Claim. (Cl. 106—57)

A heat cast refractory consisting essentially of baddeleyite, corundum and a siliceous glass, in which the silica lies between 9 and 12%, the iron oxide between 0.4 and 1.7%, the sodium oxide between 1.0 and 2.2% and the sum of MgO and CaO between 0.2 and 0.8% by weight by chemical analysis.

2,438,553
IMPLEMENT HITCH
Frank M. Fraga, Fresno, Calif.
Application May 28, 1945, Serial No. 596,394
11 Claims. (Cl. 280—33.44)

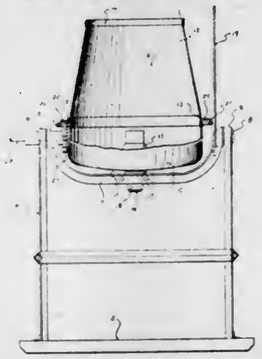


1. A hitch adapted for connection between a tractor and implement, including a pair of transversely spaced draft links, means to connect said links at their forward end to the tractor, and a draft member connected in draft relation to the implement and to which member said links are flexibly secured at their rear ends; one of said draft links being rigid and the other of said links being articulated intermediate its ends for angular adjustment in a vertical plane, and adjustable holding means connected between the articulated portions of said one link.

2,438,554
PREPARATION OF FAT SOLUBLE VITAMINS
Louis Freedman, Mount Vernon, N. Y.
No Drawing. Application June 7, 1944, Serial No. 539,189
2 Claims. (Cl. 167—81)

1. In the extraction of fat soluble vitamins from a material selected from the group consisting of fish liver oils and fish livers serving as the vitamin containing material by the method which includes alkali saponification of fats in the said material and then separating the vitamins from the resulting mixture, the improvement which comprises effecting the saponification of the fats by heating the material with an alcoholic solution of mixed alkali metal hydroxide and alkali metal sulfide containing a substantial proportion of both the hydroxide and sulfide, the sulfide in this process serving as a saponifying agent and providing sulfide ion in direct contact with the vitamins from the first moment of their separation from the fats to prevent oxidation of the vitamins.

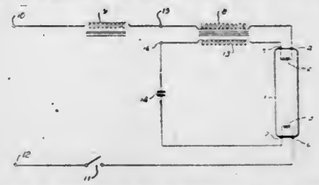
2,438,555
CONCRETE MIXER
Michael V. Gilson, Fredonia, Wis., assignor to Gilson Brothers Company, Fredonia, Wis., a corporation of Wisconsin
Application August 22, 1945, Serial No. 612,000
3 Claims. (Cl. 259—177)



1. In a concrete mixer of the type having: a mixing drum provided with a relatively cup-shaped bottom section and a frusto-conical extension for the side wall of the bottom section defining the mouth of the drum, said frusto-conical section being telescoped inside the bottom section and welded thereto: an annular lip curled outwardly from the upper edge of the bottom section adjacent to the juncture of said sections; a ring gear encircling the side wall of the bottom drum section adjacent to the underside of said annular lip to be protected by said lip, said ring gear having its teeth projecting substantially radially inwardly toward the side wall of the drum from an unbroken rim portion constituting the outer peripheral section of the gear; said teeth being secured to the side wall of the drum and a connection between the outer edge portion of the annular lip and said unbroken rim portion of the gear whereby the lip carries part of the thrust imposed on the gear by meshing engagement thereof with a drive pinion at the unguarded side of the gear.

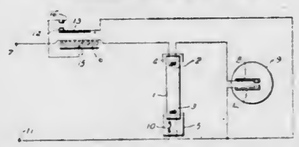
2,438,556
CIRCUIT FOR ELECTRIC DISCHARGE DEVICES
Theodorus Hehenkamp, Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company, Schenectady, N. Y., a corporation of New York
Application February 17, 1943, Serial No. 476,215
In the Netherlands April 6, 1940
Section 1, Public Law 690, August 8, 1946
Patent expires April 6, 1960
3 Claims. (Cl. 315—99)

1. In combination, an alternating current supply circuit, an electric discharge device of the type employing an ionizable medium and including a pair of filamentary electrodes each having a pair of terminals, means comprising an inductive choke having a main winding connected in series with one terminal of said source and one terminal of one of said electrodes and an inductively coupled auxiliary winding connected to the other terminal of said electrode, means for connecting



the auxiliary winding to a terminal of the other electrode, and means for connecting the other terminal of said other electrode to said supply circuit, said main and auxiliary windings being wound in such manner that upon the passage of series current therethrough opposing magnetic fields are produced.

2,438,557
ELECTRIC DISCHARGE DEVICE
Theodorus Hehenkamp, Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company, Schenectady, N. Y., a corporation of New York
Application February 26, 1943, Serial No. 477,331
In the Netherlands December 10, 1940
Section 1, Public Law 690, August 8, 1946
Patent expires December 10, 1960
1 Claim. (Cl. 315—100)

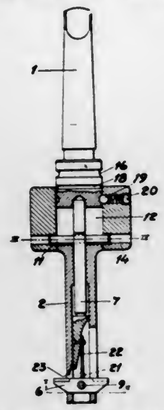


In combination, a supply circuit, an electric discharge device having a pair of filamentary electrodes, a ballast connected between one terminal of said circuit and one of said electrodes, an over-load cut-out device connected in series relation with said device between the other terminal of said circuit and the other electrode, a glow discharge switch of the bi-metal type connected across said electrodes and completing a preheating circuit for said electrodes through which said electrodes are energized from said circuit in series relation with said ballast and said cut-out device, and a bridge circuit connected between said other electrode and an intermediate tap of said ballast and including a thermal device having normally open contacts and being responsive to the current conducted by said ballast for transmitting current from said supply circuit in an amount sufficient to operate said cut-out device upon repeated attempts of said switch to initiate conduction by said discharge device.

2,438,558
LEVELLING TOOL
Nils Bertil Fredrik Hollander, St. Essingen, Sweden
Application September 24, 1945, Serial No. 618,283
In Sweden September 15, 1944
4 Claims. (Cl. 77—58)

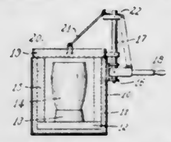
1. A cutting tool comprising a tool holder, a cutter pivotally mounted centrally thereof on

said holder and a cylindrical body in which said holder is axially adjustable, said body having parallel slots longitudinally disposed on either side of its lower end so that as said holder is lowered in said body the cutter projects out of said



body to dispose its cutting edges on either side of the body, the top edge of one of said slots being lower than the top edge of the other of said slots so that as said holder is raised the cutter engages said lower edge to pivot and retract into said body.

2,438,559
FURNACE LINING
George T. Hubbell, New Haven, Conn., assignor to American Crucible Co., Shelton, Conn., a corporation of Delaware
Application February 18, 1942, Serial No. 431,376
1 Claim. (Cl. 266—43)

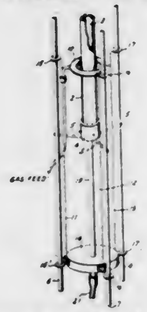


A furnace comprising an outer shell open at the top and having a base therein adapted to support a crucible, a lining member resting freely on said base, said member comprising a preformed unitary cylindrical member open at the top and bottom and extending from said base to approximately the top of said shell, said member being formed of a single piece of refractory material and having smooth and unbroken exterior and interior wall surfaces void of lateral or vertical joints and having a burner opening in the wall thereof and being insertable and removable through the open top of the shell, and the inner surface of said member being glazed continuously over its entire area.

2,438,560
MANUFACTURE OF CATALYSTS
Elmer R. Kanhofer, Riverside, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application July 30, 1945, Serial No. 607,904
10 Claims. (Cl. 252—250)

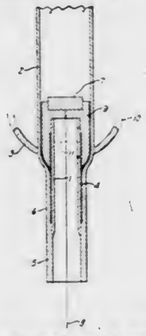
4. A process for producing a finely divided catalyst which comprises commingling a mineral acid with a solution containing not more than 30% by weight of an alkali metal silicate, about 7 to about 15% by weight of an alkali metal halide and about 51 to about 91% by weight of water, compositing the silica thus formed with a metal oxide to form an active composite having catalytic properties.

2,438,561
ELECTROTHERMAL DEPOSITION APPARATUS
William K. Kearsley, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application April 30, 1942, Serial No. 441,122
4 Claims. (Cl. 91—18)



1. An electrodeposition apparatus comprising the combination of a framework for supporting a tubular container, a heater encircling and spaced away from said container, said heater serving also as an electrode, a cooperating electrode within said container, means for supplying finely divided material to the space within said container, and means for impressing upon said electrodes a unidirectional potential of sufficiently high voltage to cause deposition of said material upon the interior wall of said container.

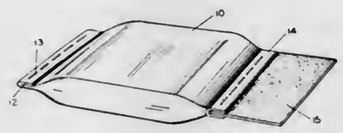
2,438,562
SEAL FOR ELECTRIC DISCHARGE DEVICES AND METHOD OF MANUFACTURE
Eric Kettlewell, Kingsbury, London, England, assignor to General Electric Company, a corporation of New York
Application March 27, 1944, Serial No. 528,182
In Great Britain March 13, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires March 13, 1962
12 Claims. (Cl. 176—126)



1. The method of making a seal for high intensity electric discharge devices which comprises

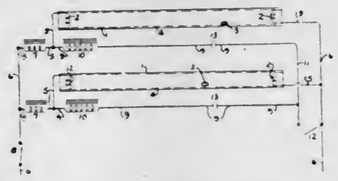
coating the outer surface of an inner quartz tube which is open at both ends with an adherent layer of refractory metal, collapsing onto the said tube part of an outer quartz tube so that part of the said layer is embedded in quartz and another part is exposed in the space between the two tubes, and filling the said space with a molten metal which has a substantially lower melting point than said refractory metal and which wets the said refractory metal and is solid at ordinary temperatures, and causing the said molten metal to cover over the adjacent open end of the inner tube, whereby to hermetically seal the said adjacent end of the inner tube by an air-tight bond between the said molten metal, the refractory metal and the wall of the said inner tube.

2,438,563
TRACTION PAD
Walter T. Kollmeyer, Milwaukee, Wis.
Application May 17, 1946, Serial No. 670,630
4 Claims. (Cl. 238—14)



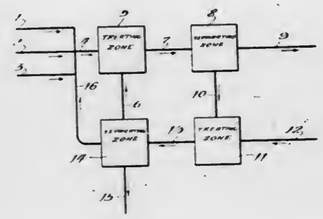
1. A traction pad comprising a bag, coarse grained material disposed within said bag, a tab abrasive coated material attached to one end of said bag, said bag constructed of material caused to disintegrate when pressure is applied thereto.

2,438,564
MULTIPLE DISCHARGE LAMP CIRCUIT
Eugene Lemmers, Cleveland Heights, Ohio, assignor to General Electric Company, a corporation of New York
Application July 11, 1945, Serial No. 604,339
2 Claims. (Cl. 315—283)



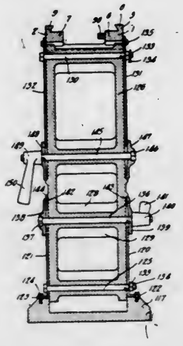
1. The combination, an alternating current supply circuit, a discharge circuit and a plurality of electrical discharge lamps connected across the same in parallel circuits each including inductance, of resonant circuits connected in parallel to one side of said discharge circuit and each including inductance and capacitance in series; and means including a switch for connecting said resonant circuits to the other side of the discharge circuit during starting, and for disconnecting these resonant circuits from said other side of the discharge circuit during subsequent lamp operation; the aggregate impedance represented by the inductance and capacitance in the connection between adjacent lamps via said means being sufficient to assure starting of said lamps and also stable operation of all the lamps by minimizing circulating currents among the starting circuits.

2,438,565
METHOD OF PURIFYING A HYDROCARBON MATERIAL CONTAINING A RELATIVELY SMALL AMOUNT OF AN ORGANIC FLUORINE COMPOUND
Carl B. Linn, Riverside, and Julian M. Mavity, Hinsdale, Ill., assignors to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application October 26, 1945, Serial No. 624,768
12 Claims. (Cl. 260—676)



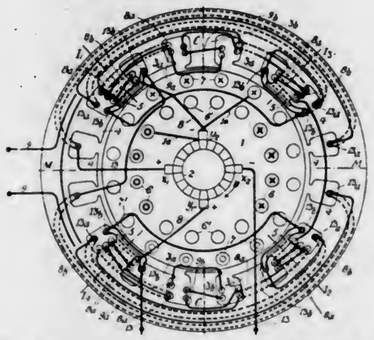
1. A process for treating a hydrocarbon material containing as an impurity a relatively small percentage of organically combined fluorine to remove fluorine therefrom which comprises contacting said hydrocarbon material with sulfur trioxide at defluorinating conditions of temperature and pressure such as to maintain the sulfur trioxide in liquid phase, and recovering the treated hydrocarbon material.

2,438,566
SUPPORTING STRUCTURE
Hugh Long, Los Angeles, Calif.
Original application July 22, 1939, Serial No. 285,914. Divided and this application March 8, 1943, Serial No. 478,399
11 Claims. (Cl. 248—23)



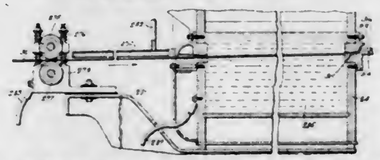
2. In a device of the character described, a tool support having a longitudinally extending member, an arm pivotally joined at one end to the support and approximately centrally with respect to the ends of the member, and means forming a pivotal mounting for the other end of the arm, said arm comprising a pair of telescoping members and means for clamping the members in adjusted telescopic position.

2,438,567
CROSS-FIELD GENERATOR
James Wright Macfarlane and William Ian Macfarlane, Glasgow, Scotland
Application May 13, 1944, Serial No. 535,408
In Great Britain April 14, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires April 14, 1963
18 Claims. (Cl. 322—92)



1. A dynamo-electric generator having a main diametral armature-reaction axis and a control diametral armature-reaction axis, said axes being transverse to one another, said generator being connectible in a load circuit and comprising a carcase, a pair of main poles, in said carcase at opposite ends of said main axis, a pair of control poles in said carcase at opposite ends of said control axis, an armature with conductors formed as a short span winding having a span of approximately 90 electrical degrees, a commutator on said armature, pairs of brushes on said carcase cooperating with said commutator and connected to armature conductors lying between said main and control axes, one pair of said brushes being connected to the load circuit and the other pair of said brushes being interconnected by a short-circuiting link, and compensating field coils distributed over said main poles, said coils spanning armature conductors under the main poles so as to balance out armature reaction along said control axis due to said last-mentioned conductors and prevent interference by such armature reaction with the work of said control poles.

2,438,568
METHOD AND APPARATUS FOR MAKING COMPOSITE STRIP MATERIAL
Cecil A. Mann, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Original application January 29, 1941, Serial No. 376,512. Divided and this application April 3, 1944, Serial No. 529,325
5 Claims. (Cl. 117—48)



4. In a method for continuously casting a lower melting point metal on one surface only of metallic strip stock, the steps comprising, progressively heating a portion of the stock in the atmosphere as it is moving toward a casting tank containing the metal to be cast thereon in the molten state, progressively supplying a reducing atmosphere to one surface only of the heated strip for cleaning that surface of the strip and for fluxing the same, and then continuously immersing the strip in the molten metal in its heated and cleaned condition prior to exposure to atmospheric air, and finally casting a predetermined thickness of the lower melting point metal on said one surface only of the strip.

2,438,569
PREPARATION OF AN ALUMINA-GROUP VI OXIDE CATALYST
William J. Mattox, La Grange, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application November 29, 1944, Serial No. 565,812
10 Claims. (Cl. 252—257)

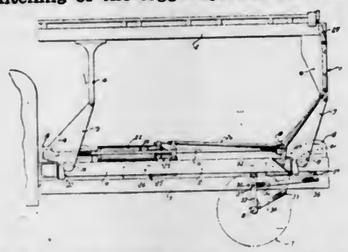
1. A process for manufacturing a composite catalyst which comprises incorporating a compound of a metal in the left-hand column of group VI of the periodic table into fused hydrated aluminum sulfate, heating the composite sufficiently to form a solid residue, and subjecting the residue to treatment with a reducing gas at a temperature of from about 350° C. to about 650° C. until there is substantially no evolution of sulfur dioxide or hydrogen sulfide.

2,438,570
PRODUCTION OF TOLUENE BY CATALYTIC CRACKING OF MONOALKYL BENZENES
William J. Mattox, La Grange, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application June 28, 1945, Serial No. 602,152
8 Claims. (Cl. 260—672)

1. A process for the dealkanation of a monoalkyl aromatic hydrocarbon wherein the alkyl group contains two or more carbon atoms, which comprises contacting said hydrocarbon with a catalyst comprising an oxide of an element from the left-hand column of group VI of the periodic table at a temperature of from about 400° C. to about 650° C., a pressure of from atmospheric to about 1000 pounds per square inch, and a hourly weight space velocity of from about 0.1 to about 5, whereby to split said alkyl group at the bond between its alpha and beta carbon atoms and leave a methyl substituent attached to the aromatic nucleus.

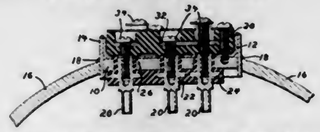
2,438,571
STABILIZER FOR SPRING MOUNTED VEHICLES
Glenway Maxon, Jr., Milwaukee, Wis.
Application May 27, 1944, Serial No. 537,753
1 Claim. (Cl. 280—6)

In a vehicle having an axle and a chassis supported thereon by springs: a stabilizer for substituting for the springs a non-yielding supporting connection between the chassis and the axle, comprising a pair of arms at each side of the chassis adjacent to the axle and pivotally connected to each other to form toggles, one arm of each toggle being pivoted to a part fixed with respect to the chassis and the other arm having a connection with the chassis constraining its end portion remote from the pivotal connection between the arms to travel in a defined path intersecting the axle from an inactive position entirely disconnected from the axle in the collapsed condition of the toggle to an active position with said end portion of the arm engaged with the axle to spread the axle and chassis apart in the straightened condition of the toggle so that straightening of the toggle spreads the axle and



chassis apart regardless of the load on the vehicle springs to effect lifting of the chassis and relief of the springs; and means for straightening and collapsing the toggle.

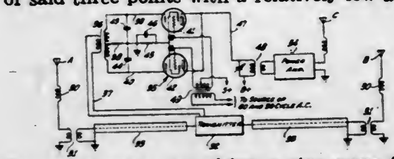
2,438,572
TERMINAL STRUCTURE FOR REFRIGERATING APPARATUS
Alex A. McCormack, Cleveland, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application May 11, 1944, Serial No. 535,066
6 Claims. (Cl. 174—153)



1. In combination, a casing having an opening therein, a terminal assembly mounted within said opening, said terminal assembly comprising a terminal plate having a plurality of terminal receiving apertures therein, a plurality of terminal studs within said casing and projecting into said apertures, said terminal studs having tapped recesses exposed on the outer side of said plate, flanges on said terminal studs overlying the inside face of said terminal plate, synthetic rubber gasket material disposed between said flanges and said plate and vulcanized to said flanges and said plate, said gasket material extending through said apertures and overlying portions of the outside face of said terminal plate, a contact mounting member of insulating material having a plurality of apertures in alignment with said tapped recesses, and threaded terminal screws projecting through said last-named apertures and into said tapped recesses whereupon tightening said terminal screws compresses the synthetic rubber gasket between said flange and said terminal plate.

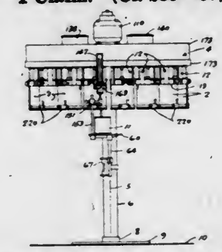
2,438,573
EQUISIGNAL RADIO BEACON SYSTEM
William J. O'Brien, London, England, assignor to The Decca Record Company, Limited, London, England, a corporation of Great Britain
Original application March 2, 1942, Serial No. 432,948. Divided and this application November 5, 1943, Serial No. 509,024. In Great Britain March 1, 1943
8 Claims. (Cl. 343—107)

1. The method of producing a radio frequency equi-signal surface for guiding mobile vehicles which consists in simultaneously radiating radio frequency signals of like frequency from three aligned points spaced from each other, and modulating the signal radiated from the center one of said three points with a relatively low audible



frequency wave comprising a sine wave fundamental and a lower amplitude sine wave second harmonic.

2,438,574
MIXING APPARATUS
Edward M. O'Neill, San Francisco, Calif., assignor to Union Machine Company, San Francisco, Calif., a corporation of California
Application August 24, 1942, Serial No. 455,833
1 Claim. (Cl. 259—67)



In a mixing apparatus, a rotatable table, a plurality of containers suspended below the table, each of said containers having a discharge opening directed away from the axis of rotation of the table, an agitator in each container, each of said agitators having a rotary shaft, a coupling for each shaft, extending upwardly through the table, a pulley at a point above said table associated respectively with each coupling, and a motor carried by and above the table for simultaneously driving said pulleys.

2,438,575
THERMOCOUPLE FOR PILOT BURNERS
William A. Ray, Glendale, Calif., assignor to General Controls Co., a corporation
Application February 24, 1945, Serial No. 579,646
1 Claim. (Cl. 136—4)



In a thermocouple structure: a first thermoelectric conductor having an aperture adjacent

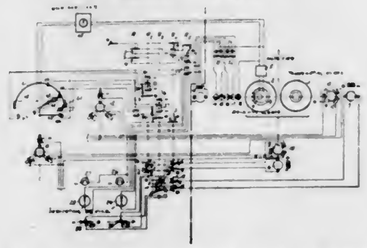
one end and a hollow extension at the other end; a second thermoelectric conductor disposed in the hollow extension and having an end inserted into the aperture; a hollow connector telescoping into the hollow extension; a lead connected to the interior of said connector; a layer of insulation on said second conductor; and a flexible armor encompassing the said lead and the second conductor; said hollow extension and the hollow connector being formed to hold the said lead firmly in relation to the connector.

2,438,576

DEVICE FOR LOCATING AND FOLLOWING OF OBJECTS

Helge Fabian Rost, Djursholm, Karl Harry Thunell, Nockeby, Sten Daniel Vigren, Stockholm, and Per Harry Elias Claesson, Jakobsberg, Sweden

Application October 30, 1944, Serial No. 561,004
In Sweden February 2, 1943
7 Claims. (Cl. 343—7)



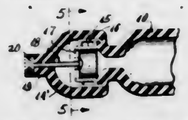
1. A system for locating and following an object in space comprising rotatable transmitting and receiving means pointing in substantially the same direction for the transmission and the reception of directed radio waves reflected from the object, driving means for rotating said transmitting and receiving means in at least one plane, impulse transmitting means coupled to said driving means for automatically turning said transmitting and receiving means in predetermined paths for searching said object in space, a current direction sensitive indicating device comprising a movable index and a scale for indicating departure of said index from its zero position, amplifying and distributing means coupled on one side to said receiving means and on the other side to said current direction sensitive indicating device for successively receiving and amplifying amounts of radio energy from two somewhat diverging directions in the same plane and corresponding to equal parts of the searching field and for transferring two successively received amounts of energy and delivering the resulting energy difference, if any, to said indicating device, manually operating electric means associated with said current direction sensitive indicating device and coupled to said driving means for turning said transmitting and receiving means in such a direction that the movable index of said current direction sensitive indicating device returns to or stays in zero position, in order to obtain a continuous indication of movement of an object in space corresponding to the instant position of the transmitting and receiving means, and a switching device coupled between said driving means on one side and said manually operable electric means and said impulse transmitting means on the other side for disconnecting said impulse transmitting means from said driving means at the moment, when reflected energy is received from an object in space by the receiving means, and for connecting said driving means to said manually operable means for the operation of said driving means in one or the other direction in accordance with the movement of said index in one or the other direction from its zero position.

2,438,577

MEDICINE DROPPER

Alex Rothman, Bronx, N. Y.

Application February 27, 1947, Serial No. 731,171
4 Claims. (Cl. 128—233)



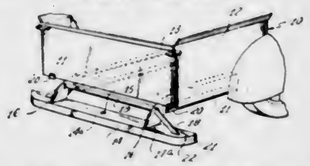
4. A medicine dropper comprising a resilient bulb for drawing and forcing liquid in and out, a small resilient auxiliary bulb extension on said bulb for dispensing a small quantity of said liquid, a collar fixedly mounted within said small extension, a second collar slidably extended into said collar, and means for extending said second collar from said first collar to limit the amount the bulb extension may be compressed to control the amount of liquid which will be displaced thereby, and means for limiting complete disengagement of said collars.

2,438,578

BUMPER

Jefferson T. Runyan, Downey, Calif.

Application May 16, 1947, Serial No. 748,554
2 Claims. (Cl. 293—55)



1. A rear bumper construction for use on automotive trucks of the type having a pair of rearwardly extending laterally spaced frame members comprising: a bumper bar formed with a vertical web and a horizontal web; and means for securing said bumper bar to the frame members comprising a pair of spaced support plates extending in vertical planes transverse to the length of said bumper bar, each of said plates having a horizontally extending portion for attachment to a frame member and a downwardly extending portion terminating at said bumper bar and rigidly secured to the upper surface of the horizontal web thereof to dispose the bar rearwardly of the frame members and below the level of the frame members.

2,438,579

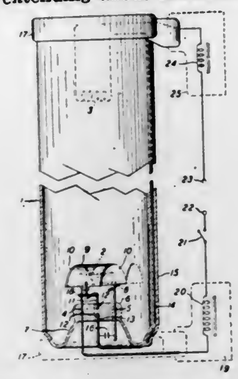
ELECTRIC GAS DISCHARGE TUBE

Pieter Schouwstra, Eindhoven, Netherlands, assignor to General Electric Company, Schenectady, N. Y.

Application March 30, 1946, Serial No. 658,408
In the Netherlands June 16, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires June 16, 1962
6 Claims. (Cl. 176—122)

1. An electric discharge device comprising a pair of cooperating electrodes at least one of which

is a thermionic electrode supported by a stem press, a bimetallic shield concave toward said press and extending about substantially the full



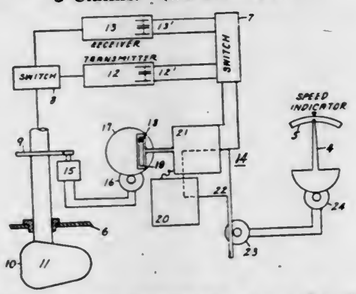
length of said thermionic electrode, the other one of said cooperating electrodes being positioned so that it faces the convex side of said shield, and contact means actuated by said shield.

2,438,580

COMPENSATOR FOR DOPPLER EFFECT

Oscar Hugo Schuck, Belmont, Mass., assignor to the United States of America as represented by the Secretary of the Navy

Application November 6, 1943, Serial No. 509,300
5 Claims. (Cl. 177—386)



1. A method of compensating for the change of frequency due to the speed of the searching ship equipped with echo ranging apparatus comprising, training the transducer on the target, generating an electrical effect proportional to the cosine of the angle between the target and the ship's course, generating another electrical effect directly proportional to the speed of the ship, and combining the electrical effects in the frequency determining circuit of the transmitter to compensate for the change in frequency due to the speed of the ship.

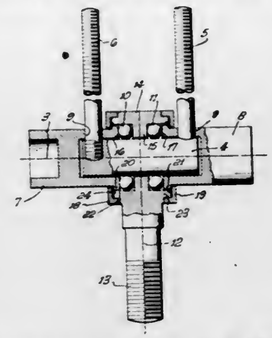
2,438,581

JOINT FOR ARTIFICIAL LIMBS

Emil Schwarzkopf, Los Angeles, Calif.

Application February 26, 1945, Serial No. 579,765
6 Claims. (Cl. 287—96)

1. In a device of the character described: a pin member; extensions at each end of the pin member, each of said extensions having an outwardly facing annular shoulder adjacent the inner end of the extension; means for fastening said pin member to an artificial leg, including a pair of studs transverse to the axis of the pin; a bolt having a hollow head through which the pin member passes, said head having an intermediate flange, co-operating with the inner ends



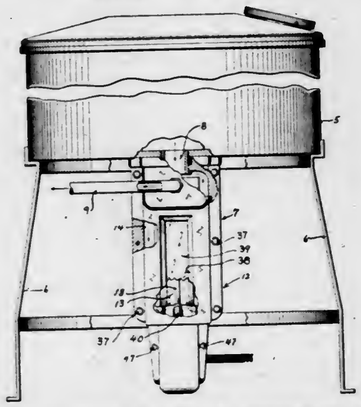
of said extensions and the pin to define a pair of ball races; balls in said races; and retaining rings carried respectively by the opposite sides of the head and having portions co-operating with said shoulders on the extensions for sealing the space in the head.

2,438,582

CONTINUOUS FLOW PASTEURIZER

Harold I. Southerwick, Des Plaines, Ill., assignor to The Do All Company, Des Plaines, Ill., a partnership

Application July 13, 1944, Serial No. 544,795
4 Claims. (Cl. 219—40)



1. A pasteurizer for liquids comprising: a substantially elongated housing; a pair of spaced electrodes in said housing extending lengthwise thereof and cooperating with the side walls of the housing to form a central liquid passage between the electrodes in which the liquid to be pasteurized is treated and two outer pre-treatment passages one at each side of the central passage with each of said outer passages separated from the central passage by one of said electrodes, said electrodes terminating short of one end of the housing so as to cause all of said passages to be communicated with each other at said end of the housing; means common to both of said electrodes for closing off the central pas-

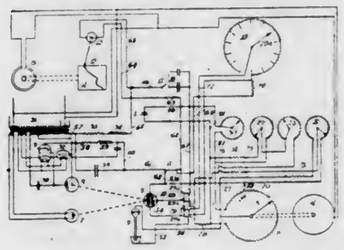
sage from said outer passages at the opposite end of the housing, said central passage having an outlet at said opposite end of the housing through which liquid traveling through the central passage between said electrodes from the first designated end of the housing to the opposite end thereof discharges after being heated by the flow of electric current therethrough from one electrode to the other; and means connecting with said outer passages at said opposite end of the housing for simultaneously conducting liquid into said outer passages to thereby assure travel of the liquid the length of the housing prior to simultaneous entrance of the streams of liquid from said outer passages into the central passage for heating thereof.

2,438,583

EQUIPMENT FOR CARRYING OUT POLAROGRAPHIC ANALYSIS

Fritz Ludwig Steghart and Douglas Crisp Gall, South Norwood, London S. E. 25, England, assignors to Tinsley (Industrial Instruments) Limited, London, England

Application February 27, 1943, Serial No. 477,486
In Great Britain March 5, 1942
8 Claims. (Cl. 346—32)



1. In equipment for carrying out polarographic analysis an electrolytic cell having a polarised electrode, means for applying an electromotive force to said cell, a light modulating galvanometer, means for passing at least part of the current traversing said cell through said galvanometer to produce a torque in the galvanometer representative of said cell current, a source of light, at least one photoelectric cell receiving the light modulated by said galvanometer, means for causing said photo-electric cell to control the output current of at least one valve which passes a second current, means for passing said second current in opposite direction through said galvanometer to cause the resultant countertorque to effect a balance of said galvanometer, and a recording device operated by the output current of the said valve.

2,438,584

PREPARATION OF NONSINTERED IRON CATALYST

Meredith M. Stewart, Beacon, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

No Drawing. Application December 22, 1945, Serial No. 637,114
4 Claims. (Cl. 252—257)

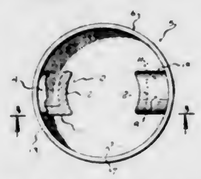
1. A method for the preparation of a nonsintered iron catalyst for the hydrogenation of carbon monoxide from an iron compound capable of conversion at least in part to iron oxides which comprises comminuting said iron compound in finely divided form, passing gas containing oxygen into contact with said compound at a temperature within the range of from about 750° F. to about 875° F. for a period of time sufficient to remove carbonaceous material and convert said compound into oxides of iron, passing a mixture of steam and oxygen into contact with the resulting material comprising oxides of iron under conditions of temperature and contact time such that substantially all of the iron present is converted to ferric oxide, thereafter passing a mixture of hydrogen and steam into contact with the resulting material containing ferric oxide at a temperature within the range of from about 700° F. to about 800° F. for a period of time sufficient to convert the ferric oxide to magnetite, passing hydrogen into contact with said material containing magnetite at a temperature within the range of from about 700° F. to about 800° F. for a period sufficient to reduce the magnetite to metallic iron.

2,438,585

DIE-CAST PISTON

Felix J. Stuckert, Wauwatosa, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware

Application September 24, 1945, Serial No. 618,189
4 Claims. (Cl. 309—10)



2. A cast piston of the character described, comprising: a head; a substantially cylindrical skirt extending from one side of the head; diametrically opposite aligned wrist pin bosses projecting inwardly from the skirt; and reinforcing ribs cast on the inside of the skirt and joining the pin bosses with the piston head, said ribs being substantially angle-shaped in cross section with one leg of each rib projecting inwardly from the skirt tangentially to its boss with said legs parallel to but lying at opposite sides of a plane containing the pin and piston axes, the other legs of the ribs extending across the inner end portions of the pin bosses and facing each other adjacent to the central portion of the piston to hold said inner end portions of the bosses in axial alignment against the thrust imposed thereon during use of the piston, said other legs and the surfaces of the pin bosses which face each other being concentric to the cylindrical skirt of the piston, and said legs of the reinforcing ribs having a thickness substantially no greater than that of the pin boss walls so as to hold the weight of the piston to a minimum.

2,438,586

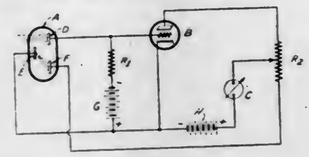
COLOR ANALYZING CIRCUIT

George C. Szikiai, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application September 21, 1945, Serial No. 617,857
9 Claims. (Cl. 250—41.5)

1. The combination of a device wherein primary electrons derived from a cathode are projected on an emissive electrode from which secondary electrons are applied to an output electrode, a pair of impedance elements having a

terminal in common, means for supplying to said terminal through one of said elements a current which is proportional to the number of said primary electrons, and means for supplying to said



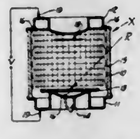
terminal through the other of said elements component currents which are proportional respectively to the number of said primary electrons and to the speed of said primary electrons.

2,438,587

PHOTOTUBE CONTAINING MEANS TO COUNTERACT NEGATIVE WALL CHARGES

Augustus Hadley Taylor, East Cleveland, Ohio, assignor to General Electric Company, a corporation of New York

Application December 24, 1943, Serial No. 515,472
5 Claims. (Cl. 250—165)



1. A high vacuum space discharge phototube comprising a light-permeable vitreous tube; anode and cathode electrodes at opposite ends of said tube and adapted to coact with each other, said cathode being activated on its surface toward the anode and being exposed to the tube wall and thus photoelectrically responsive to light incident thereon through the lateral tube wall; and a conductor extending adjacent the lateral tube wall and said cathode and electrically connected directly to said anode, whereby it has substantially the anode potential, and being of small area compared to the tube wall area to leave the light shining through the lateral tube wall on said activated cathode surface substantially unobstructed; said conductor serving to neutralize negative wall charge on the lateral tube wall, without substantial diminution of the illumination of the cathode surface.

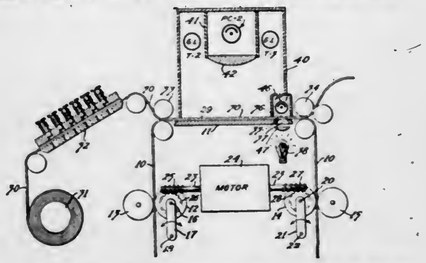
2,438,588

SYSTEM FOR COMPARISON OR ANALYSIS OF INFORMATION

William A. Tolson, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application September 14, 1946, Serial No. 697,126
15 Claims. (Cl. 250—41.5)

1. In a statistical comparator apparatus, the combination of a background having a non-reflecting surface, a length of tape having a light reflecting surface and a plurality of groups of perforations, each group representing certain informative data different from some or all the remaining groups, a strip of non-reflecting material juxtaposed to said tape and having perforations corresponding in number and arrangement with one group on said tape, means for feeding said tape across said background and relative to said strip, an indicator, and light con-



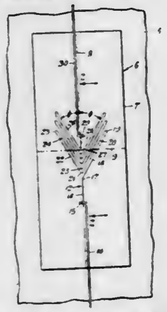
trolled means for operating said indicator when said tape and strip perforations are in register.

2,438,589

ELECTRIC STRAIN GAGE

Elwood C. Walker, Caldwell, N. J., assignor to Curtiss-Wright Corporation, a corporation of Delaware

Application August 30, 1946, Serial No. 693,899
8 Claims. (Cl. 201—63)



1. In a stress gage, an insulating sheet adapted to be bonded to a body whose stress is to be measured along a certain axis, a gage axis index associated with said sheet to assist in orienting the gage axis relative to said certain axis, a continuous resistance filament bonded to said sheet, extending back and forth along said sheet in a plurality of substantially straight runs parallel to one another, said runs being disposed at an acute angle to said gage axis, said angle being a function of Poisson's ratio of the material upon which the gage is adapted to be bonded, and conductors forming gage terminals connected to the ends of said filament.

2,438,590

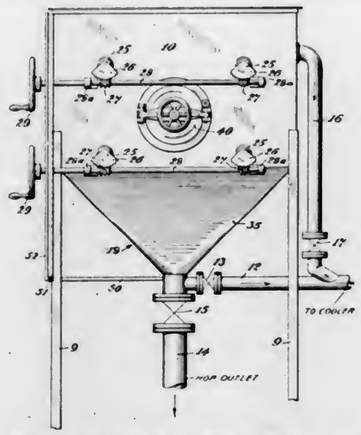
HOP SEPARATOR

Hans H. Weiss and Steve A. Tabacchi, Seattle, Wash., assignors to Schock, Gusmer & Co., Inc., Hoboken, N. J., a corporation of New Jersey

Application May 8, 1946, Serial No. 668,234
1 Claim. (Cl. 210—149)

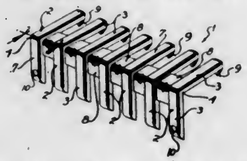
In a hop separator having a tank with vertical walls and an inclined bottom, the combination of a pair of spaced superposed false bottoms transversely across and within the tank, each having a plurality of openings, each false bottom having a stationary horizontal part, and a tiltable horizontal part aligned therewith, said false bottom when the tiltable parts are horizontally disposed dividing the tank into at least three compartments, means exterior to the tank and con-

nected with the false bottoms for tilting the tiltable parts, a wort discharge pipe having its entrance end above the upper false bottom and communicating with the upper compartment for receiving the wort in the upper compartment, a second discharge pipe having its entrance end at the bottom of the tank and communicating



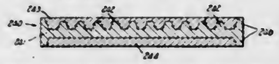
with the lowest compartment and with the first wort discharge pipe, and a valve in said second discharge pipe, whereby when said valve is in one position the wort in the tank backs up to the top compartment and discharges into the first discharge pipe, and when the valve is in another position and the tiltable bottoms are tilted, the hops are discharged from the tank.

2,438,591
EDGE GUARD FOR HAND LUGGAGE
George Henry Wheary, Jr., Racine, Wis., assignor to Wheary, Incorporated, Racine, Wis., a corporation of Wisconsin
Application June 3, 1946, Serial No. 674,062
2 Claims. (Cl. 190—37)



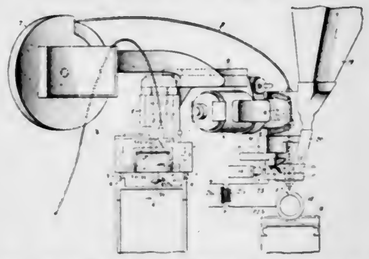
2. A grille stamped from a single sheet of material and adapted to be secured to the side walls of a suitcase or the like at a juncture thereof defining one edge of the case to reinforce and protect the same comprising: a strip having alternate web and finger portions shaped to fit around and cover said edge of the case and to lie lengthwise therealong, said finger portions being formed by a plurality of spaced channel shaped fingers integral with the web portions and projecting beyond the edges of the web portions to extend around the edge of said case and overlie the marginal portions of the sides of the case adjacent to said edge, and with the open sides of the channels facing inwardly toward the sides of the case and the backs of the channels outermost and raised outwardly above the surface of the web portions; end closures for the fingers comprising extensions on the backs of the channels of the fingers bent downwardly and inwardly to close the ends of said channels; and means at the ends of the fingers for securing the same to the sides of the case at a distance from the edge thereof to be covered by the grille.

2,438,592
ELECTRICAL CONDENSER
Sidney Y. White, Wilmette, Ill., assignor to Victor S. Johnson, Chicago, Ill.; Alex Thomson, administrator of said Johnson, deceased
Original application December 8, 1942, Serial No. 468,195. Divided and this application October 15, 1943, Serial No. 506,374
3 Claims. (Cl. 175—41)



1. A condenser adapted to be adjusted substantially to a desired capacity by unit amounts through grinding, comprising a dielectric base having integral therewith a multiplicity of duplicate spaced, abruptly rising, island projections on a face thereof, the projections being of equal predetermined height and of equal predetermined cross-section a conductive metallic body accessible for grinding and covering said face to a depth sufficient to cover the projections, and a further conductive metallic body covering the opposite face of said base and disposed equidistantly from the tops of a plurality of the projections.

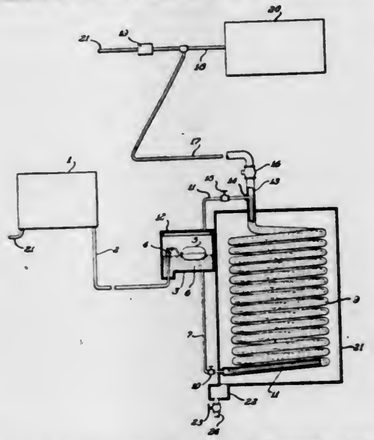
2,438,593
WELDING METHOD AND APPARATUS
Ben W. Wright, Mountain Lakes, N. J., assignor to Curtiss-Wright Corporation, a corporation of Delaware
Application April 29, 1944, Serial No. 533,359
15 Claims. (Cl. 219—8)



1. In the art of depositing weld metal in a groove having differing dimensions lengthwise thereof, the method which comprises feeding a welding rod toward the welding zone, moving the tip of the welding rod along said groove while the feeding operation proceeds, and controlling speed of movement of the rod along the groove in accordance with differing dimensions of said groove.

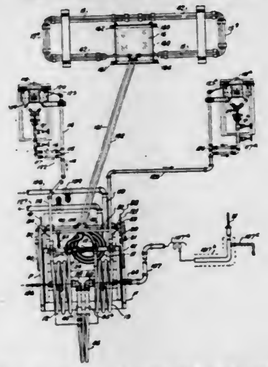
2,438,594
EVAPORATIVE COOLER
Bruno J. Zapart, Chicago, Ill., and Rudolph A. Mack, Phoenix, Ariz.
Application January 11, 1946, Serial No. 640,548
4 Claims. (Cl. 62—169)

1. In combination with a source of liquid refrigerant and an appliance wherein the refrigerant is normally consumed when converted into gas, a helical refrigerating device comprising a refrigerating coil, a conduit connecting said source with the one end of said coil, said conduit being adapted to constantly supply the refrigerant to said coil as the same is used up, a second conduit connecting the other end of said coil with said appliance, the appliance inducing vacuum in said coil through said last named conduit for vaporizing the refrigerant in said coil, the generated vapor passing through said last named conduit into said appliance to be normally consumed therein, and an air pipe concentrically



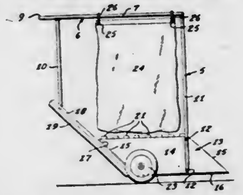
disposed within said coil and having one end thereof connected with the atmosphere, said air pipe being in a spaced relation with said coil and substantially coextensive with the length thereof, the vacuum induced in said coil by said appliance sucking in air from the other end of said air pipe to inject the same into and to mix with the refrigerant in the said coil for enhancing vaporization thereof, the air passing through said air pipe becoming pre-cooled before the injection thereof into the refrigerant.

2,438,595
HIGH-FREQUENCY GENERATOR
Paul D. Zottu, Indian Hills, Ky., assignor to The Girdler Corporation, Louisville, Ky., a corporation of Delaware
Application May 3, 1944, Serial No. 533,997
12 Claims. (Cl. 250—36)



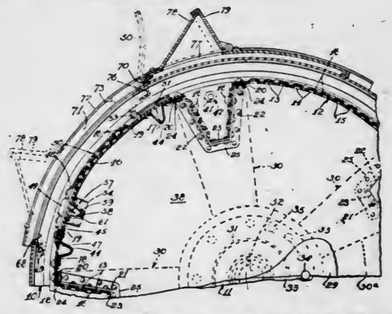
8. In an oscillator, a divided coil comprising at least two coil sections, rigid supporting conductors mechanically and electrically connected to the respective ends of said coil sections and forming the sole support therefor, pivotal means mechanically and electrically connecting two of said supporting conductors, and electrically separate means mechanically and electrically connected to the remaining conductors to assist in the support of said coil sections without interfering with pivotal movement of said coil about said pivotal means.

2,438,596
REFUSE CART
Franklin M. Arave and Thomas W. Nolan, Lava Hot Springs, Idaho; said Arave and said Nolan assignors of one-third to A. A. Foote, Lava Hot Springs, Idaho, and said Nolan assignor of one-third to Marian J. Bell, Lava Hot Springs, Idaho
Application September 27, 1946, Serial No. 699,716
3 Claims. (Cl. 280—8)



1. A refuse cart, comprising a dust pan, wheels mounted upon the dust pan, inclined runners secured to the rear end of the dust pan and projecting above the same, a generally horizontal loop arranged above the dust pan and runners, bars connected with the loop near its forward end and connected with the dust pan near its forward end, and bars connected with the loop near its rear end and connected with the runners near their upper ends.

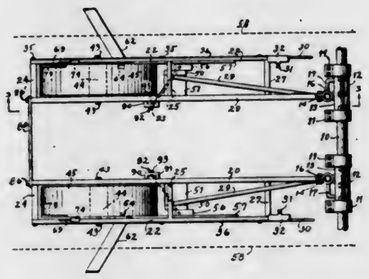
2,438,597
DOOR AND LATCH FOR TUMBLER WASHERS
Charles C. Batina, Chicago, Ill.
Original application October 8, 1941, Serial No. 414,075. Divided and this application August 10, 1942, Serial No. 454,221
2 Claims. (Cl. 68—142)



1. In a washing machine, a rotary shell comprising transverse discs, longitudinal ribs extending between said discs forming a plurality of panels, outturned flanges on the longitudinal edges of said ribs, and peripheral flanges on said discs interposed between the edges of the flanges on said ribs, one of said panels being provided with comparatively narrow longitudinally disposed

plates connected to the outer faces of the adjacent flanges of the ribs and discs, and transversely disposed plates connected to the disc flanges intermediate said longitudinally disposed plates and together defining a door opening in said shell, perforated plates closing the remaining panels, said longitudinally and transversely disposed plates being in the same cylindrical surface with said perforated plates, longitudinally disposed strips secured to the inner faces of said longitudinally disposed plates between the peripheral flanges on said discs, and curved strips secured to the inner faces of said transversely disposed plates and lying between the adjacent edges of said longitudinally disposed strips, the edges of said longitudinally disposed strips and said curved strips projecting inwardly beyond the edges of the plates to which they are secured forming a door seat, a door hinged to one of said longitudinally disposed plates and adapted to rest on said door seat when closed, and latches on said door adapted to engage under the edges of said strips.

2,438,598
CELERY CUTTER
Thomas J. Bell, Island Grove, Fla.
Application May 18, 1945, Serial No. 594,494
19 Claims. (Cl. 55—60)

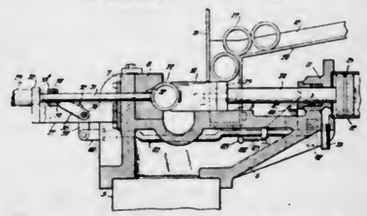


1. In a celery cutter, comprising a wheeled frame adapted to be drawn between two rows of celery and having a laterally and rearwardly extending blade projecting from each side thereof for cutting the celery, each blade being individually adjustable as to height relative to the wheeled frame, the wheels of the frame contacting the ground in a line intersecting the rows of celery at right angles. At the point where the blade contacts a stalk of celery, a coulter on each side of the frame for penetrating the ground in front of the cutters and wheels for severing the fallen celery leaves and for also severing the celery roots on one side of the stalks of celery, and a vertically adjustable scraper mounted in front of the wheels of the frame for leveling the ground in front of the wheels.

2,438,599
LUBRICATING OIL COMPOSITION
Edward S. Blake, Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application June 17, 1944, Serial No. 540,891
17 Claims. (Cl. 252—48.4)

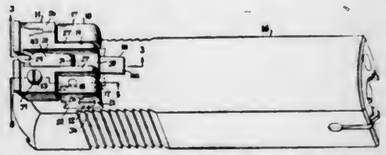
1. A composition of matter comprising an admixture of a hydrocarbon lubricating oil base admixed with minor amounts sufficient to impart E. P. properties to the lubricant of a chlor phenalkyl ester in which the ester forming group consists of carbon, hydrogen and chlorine of a thio acid the chlorine being attached to the phenyl nucleus of the said phenalkyl group.

2,438,600
TRANSFER DEVICE FOR TUBE AND ROD CHUCKS
Byron F. Bower, Aurora, Ill., assignor to Pines Engineering Company, Aurora, Ill.
Application February 23, 1945, Serial No. 579,449
6 Claims. (Cl. 29—60)



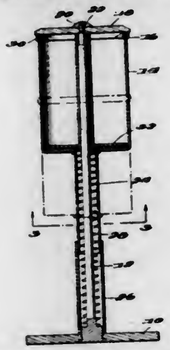
1. A chucking device including two jaws adapted to clamp articles such as tubes, rods, etc. therebetween, means adjacent one of said jaws for directing articles to the device, the jaw being moveable between a retracted position, where the work may be placed in front of it, and advanced position, where it cooperates with the other jaw to clamp the article, a transfer finger moveable along the path of movement of said jaw between a position holding the article in said jaw as the jaw starts to advance the article and a retracted position where the article held by it is confined between both jaws, means to advance and retract said first named jaw, means urging said transfer finger toward its first named position, a latch holding said finger in retracted position and trip means operable to release the latch at about the time the first named jaw arrives at retracted position whereby to cause the finger to advance and hold an article in the jaw.

2,438,601
ADJUSTABLE SIGHT FOR FIREARMS
George F. Davis, New Haven, Conn., assignor to The High Standard Manufacturing Corporation, New Haven, Conn., a corporation of Connecticut
Application January 17, 1947, Serial No. 722,529
10 Claims. (Cl. 33—56)



2. An adjustable sight for firearms, including in combination: a sight-base for attachment to a firearm structure, the said sight-base having two laterally-spaced-apart side-arms connected together at their rears by a tie-bar which has its upper surface depressed below the respective upper surfaces of the said side-arms, the said side-arms and the said tie-bar providing boundaries for a clearance-opening located forwardly of the said tie-bar; a sight-leaf having a body-portion vertically movable to the rear of the said sight-base and having a forwardly-projecting pivot-portion extending over the tie-bar of the said sight-base and between the said side-arms of the latter and into the clearance-opening of the sight-base; a windage-adjusting screw extending transversely of and turning in the respective side-arms of the said sight-base and extending through the forwardly-projecting pivot-portion of the said sight-leaf, the said windage-adjusting screw extending across the clearance-opening of the sight-base and being connected to the said sight-base and also being connected to the forwardly-projecting pivot-portion of the said sight-leaf to shift the sight-leaf laterally with respect to the sight-base; elevating-means for swinging the said sight-leaf vertically about the said windage-adjusting screw; and a control-spring extending through the clearance-opening in the said sight-base and beneath the said windage-adjusting screw, the said control-spring also extending rearwardly over the tie-bar of the said sight-base and into engagement with the said sight-leaf to yieldingly depress the body-portion thereof.

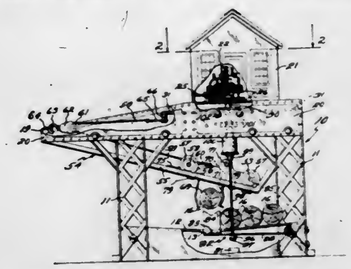
2,438,602
DISPENSER
Frederick De Cesaris, Johnston, R. I., assignor to James Manufacturing Company, Inc., Providence, R. I., a corporation of Rhode Island
Application September 12, 1947, Serial No. 773,629
6 Claims. (Cl. 312—73)



1. A dispenser for slender articles comprising, a base, a guide rod extending upwardly from said base, an article magazine open at its upper end mounted on said guide rod for reciprocating movement therealong, a fixed article supporting platform within said magazine, a cover member fixed to the upper end of said guide rod, and a spring tensioned to normally maintain the open upper end of said magazine in contact with said cover member.

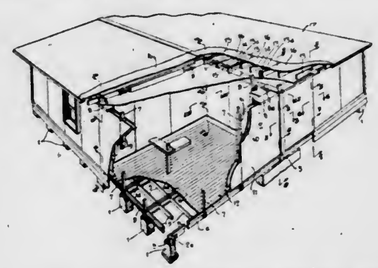
2,438,603
TOY LOADING STATION
Oscar P. Erhardt, West Haven, Conn., assignor to The A. C. Gilbert Company, New Haven, Conn., a corporation of Maryland
Application February 22, 1944, Serial No. 523,411
21 Claims. (Cl. 46—40)

1. In a toy crane station for transferring toy articles from a repository to a delivery location some distance therefrom, the combination of, a repository for toy load articles in said station, a crane track in said station, a trolley supported by said track to perform an article conveying excursion therealong away from and back to an article receiving position proximate said repository, and means operative to transfer a toy load article from said repository to said trolley constructed



and arranged to remain at said repository while said trolley performs its said excursion.

2,438,604
PREFABRICATED AND DEMOUNTABLE HOUSE CONSTRUCTION
Henry L. Gogerty, North Hollywood, Calif.
Application January 8, 1943, Serial No. 471,702
2 Claims. (Cl. 20—2)

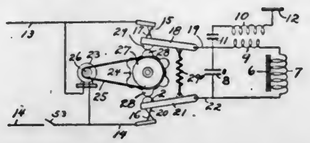


1. In a prefabricated building structure having floor joists, wall units and rafters, as a part thereof, the combination of: a vertical framing member disposed at the junction of two walls of said structure and secured top and bottom to a rafter and joist respectively; a horizontal framing member provided with an aperture therein through which said vertical member passes; a second horizontal framing member abutting said first horizontal member; and a plate secured to a horizontal face of said abutting member and provided with an aperture through which said vertical member passes, whereby said various parts are firmly locked together.

2,438,605
ELECTRICAL THERAPEUTIC DEVICE
Fred J. Hart, Salinas, Calif., assignor of one-half to College of Electronic Medicine, San Francisco, Calif., a corporation of California
Application September 12, 1945, Serial No. 615,858
1 Claim. (Cl. 128—419)

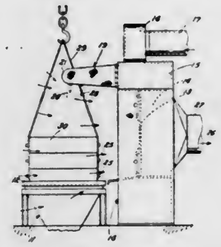
A device of the class described comprising an oscillation circuit including a capacitor and an inductor with the latter providing an electromagnet, two alternating current supply wires connected with said oscillation circuit, a switch connected in each supply wire, operating means connected with said switches adapted to operate the latter concurrently so that a magnetic field is set up around said electromagnet while said

switches are closed and both of said supply wires are cut free from said oscillation circuit while said switches are open, a treatment wire connected to said oscillation circuit and adapted to



receive electrical energy trapped in said oscillation circuit at each opening of said switches, and a condenser in said treatment wire adapted to limit the flow of electrical current to said treatment wire while said switches are closed.

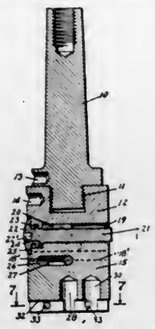
2,438,606
PNEUMATIC CANOPY
Charles S. Hulton, Cincinnati, Ohio, assignor to The Kirk & Blum Manufacturing Company, Cincinnati, Ohio, a corporation of Ohio
Application March 16, 1944, Serial No. 526,801
7 Claims. (Cl. 98—115)



1. In an air exhauster type collection apparatus the combination of a casing having an intake opening in a vertical side wall thereof, means connected with the casing for drawing in air and dust through said opening, an air pressure supply chamber mounted on the casing and having an outlet in a vertical plane disposed above said inlet opening in said casing and a flexible inflatable envelope connected at its rear edge with the air pressure chamber and communicating interiorly with the air outlet in said chamber, and means supplying pressure air to said chamber, whereby the envelope is maintained in an inflated condition and extends horizontally to form a canopy over a substantial area adjacent and communicating with said intake opening in the casing.

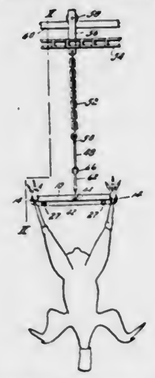
2,438,607
BORING ATTACHMENT
Ernest W. Jackson, Bellflower, Calif.
Application October 14, 1944, Serial No. 558,675
5 Claims. (Cl. 279—6)

1. A boring head including two body portions interfitted together for lateral movement relative to each other, two bores into said body portions at and intersecting the junctures of their interfitting portions, two smooth pins fitted into said bores for locking said body portions against separation while permitting lateral adjustment of one portion relative to the other, an adjustment screw threaded between said body portions and operable for moving one portion relative to the other, an arbor on one body portion for connecting it with operating power, the other body por-



tion being provided in its end with tool-holding means.

2,438,608
POULTRY SHACKLE
Gordon W. Johnson, Overland Park, Kans., assignor to Gordon Johnson Company, Kansas City, Mo., a corporation of Missouri
Application July 29, 1944, Serial No. 547,214
3 Claims. (Cl. 17—44.1)

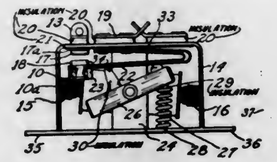


1. A poultry shackle comprising an elongated body member having recessed ends, a hook insert slidably mounted in each of the opposite end portions respectively of said body member with the hook portion thereof extending outwardly from the adjacent recessed end of said body member to receive a fowl's leg therebetween, a stop to limit the outward movement of said hook insert, resilient means positioned to constantly urge said hook insert outwardly against said stop, a spring means to normally secure said hook insert in the operative engaging position, and a release button extended through the wall of said body member, manually operable from outside the body member to release said hook securing spring.

2,438,609
CIRCUIT CONTROL DEVICE
James G. Juhasz, Chicago, Ill.
Application February 19, 1945, Serial No. 578,747
8 Claims. (Cl. 200—103)

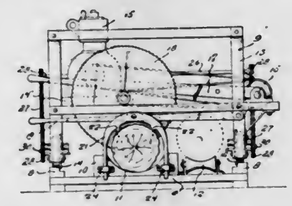
3. A current operated control device comprising in combination a coil in which the control

current may flow, a core of ferro-magnetic material having spaced pole faces, an armature having end portions positioned to be attracted by said pole faces, an arm adjacent to said armature and having a control element thereon positioned by said arm, when said armature is not attracted by the core adjacent to a pole face of said core, said armature having means thereon



for pressing said arm in a direction to move said element away from said pole face as the armature is attracted, means yieldingly opposing the action of said armature, and an auxiliary armature secured to the arm in proximity to a pole face of the core to be attracted thereby and to oppose movement of the arm by the first armature.

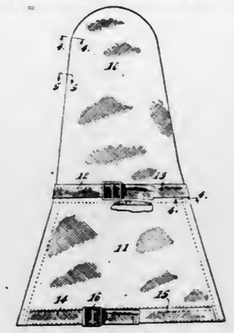
2,438,610
LOG- AND CARRIAGE-LOCKING SWINGING-SAW SAWMILL
Edmond Lambert, Danielson, Conn.
Application April 17, 1944, Serial No. 531,463
6 Claims. (Cl. 143—46)



5. In a saw mill, a selectively positionable saw carriage, a power driven saw mounted on said carriage for cutting action in a downward direction, an elongated log bed having the carriage mounted to slide longitudinally thereon and including a longitudinal series of spaced seats for supporting a log at intervals throughout the length of a log placed longitudinally thereon so that each log section as cut by the saw is supported so as to prevent binding of the saw, keepers on said seats, and a locking device mounted movably on the carriage to engage any one of the keepers with relation to which the carriage is selectively positioned for securing the carriage in saw cutting position.

2,438,611
MITTEN
Hilma E. Lindfeit, Des Moines, Iowa
Application July 6, 1945, Serial No. 603,502
3 Claims. (Cl. 2—162)

1. In a mitten, a hand-receiving portion tapering outwardly from the finger-holding portion to the wrist line, a gauntlet of flexible material joining the hand-receiving portion at the wrist line, said gauntlet tapering outwardly from the wrist line, said gauntlet having a portion thereof formed of elastic material, said elastic material extending the length of the gauntlet, means for tightening the mitten at the wrist line,



and means for tightening the mitten at the top of the gauntlet.

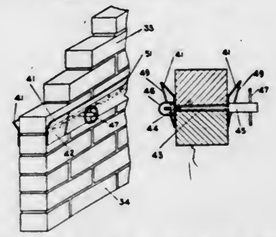
2,438,612
COPOLYMERS OF TETRAALLYLSILANE
Charles A. MacKenzie, Upper Montclair, and John B. Rust, Montclair, N. J., assignors, by direct and mesne assignments, of one-half to Montclair Research Corporation, a corporation of New Jersey, and one-half to Ellis-Foster Company, a corporation of New Jersey
No Drawing. Application September 26, 1944, Serial No. 555,901
8 Claims. (Cl. 260—84)

1. A composition comprising the product of copolymerization of a mass comprising tetraallylsilane and an addition polymerizable carbon compound containing a single

$$CH_2=C\diagup$$

group selected from the class consisting of methyl methacrylate, butyl methacrylate and vinyl acetate, the silane constituting from 1 to 20% by weight of the copolymer.

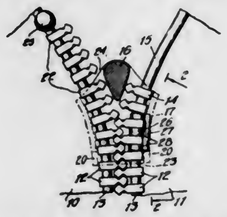
2,438,613
APPARATUS FOR USE IN ERECTING MASONRY STRUCTURES
Ernest G. Malthouse, Sheffield, England
Original application May 9, 1944, Serial No. 534,761. Divided and this application March 20, 1945, Serial No. 583,738. In Great Britain April 17, 1943
7 Claims. (Cl. 33—85)



7. Apparatus for use in erecting masonry wall structures and the like, comprising, in combination, a pair of guide members adapted to be applied to opposite sides of the upper edge of a partially completed structure; each of said members comprising a generally vertically disposed

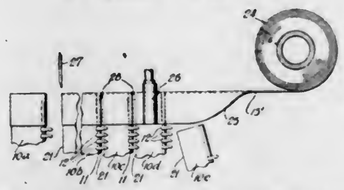
lower portion having at least one vertical plate-like part adapted to contact with one face of said structure, and an upper plate-like portion extending diagonally upwardly and outwardly from said face to extend at an acute angle thereto; rod-like bracing struts extending from said lower portions to said upper angled portions; and means adapted to extend across said partially completed structure for detachably connecting the guide members on the respective sides thereof and securing them firmly to the side face of said structure.

2,438,614
STOP DEVICE FOR PULL APART SLIDERS FOR SEPARABLE FASTENERS
Louis H. Morin, Bronx, N. Y., assignor of one-half to Davis Marinsky, Bronx, N. Y.
Application March 23, 1944, Serial No. 527,802
6 Claims. (Cl. 24—205)



5. In separable fasteners employing stringers having scoops spaced longitudinally of the stringer tapes, a slider movable along the stringers to couple and uncouple the scoops thereof, a stop device comprising a strip of sheet material having spaced loops joined at opposite ends by bearing portions, said device being arranged upon the tape of one stringer with the loops thereof intermediate scoops on said tape and with said bearing portions inwardly of and adjacent inner ends of the scoops, said slider comprising a channelled body having inturned side flanges engaging the inner ends of the scoops in coupling and uncoupling the scoops, and the inturned flanges at one side of the slider having projections adapted to engage the bearing portions of said stop device in checking normal sliding movement of the slider along the stringers.

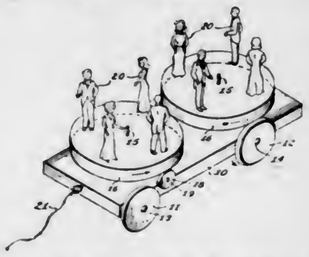
2,438,615
FASTENER STRINGER AND METHOD OF PRODUCING THE SAME
Louis H. Morin, Bronx, N. Y., assignor of one-half to Davis Marinsky, Bronx, N. Y.
Application June 15, 1945, Serial No. 599,684
18 Claims. (Cl. 154—91)



1. The method of forming and finishing tape ends of separable fastener stringers which comprises cutting tape ends to form extensions of predetermined length beyond end scoops of the stringers, arranging stringer tapes in edge to edge relationship with said ends in common alinement, then folding an elongated strip over said tape ends to dispose side portions of the strip upon opposed sides of the tape ends, securing the strip to said tape ends by applied pressure, and then severing said strip intermediate adjacent tape ends in producing on the tape ends reinforcing and finishing strips, the folds of which are disposed at outer edges of said tape ends.

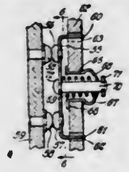
14. A stringer for separable fasteners comprising a tape having a beaded edge with scoops spaced longitudinally of said edge and terminating short of one end of the tape to form a mounting end, a folded finishing and reinforcing strip arranged upon and secured to said mounting end of the stringer tape, the fold of said strip being disposed at the outer edge of said mounting end, side portions of the strip being disposed upon opposed surfaces of said tape and including the bead thereof, and a coupling body arranged upon the beaded edge portion of said tape end and the strip secured thereto.

2,438,616
WHEELED TOY
Jesse B. Mosher, Colorado Springs, Colo.
Application August 23, 1946, Serial No. 692,656
1 Claim. (Cl. 46—204)



A wheeled toy, comprising a platform, front and rear ground wheels to support same, dual revolvable tables supported in longitudinal alignment on said platform, said ground wheels being staggered so that one front wheel impinges the underside of the forward table and one rear wheel impinges the underside of the rear table, idlers contacting the undersides of said tables and positioned in apposition to said impinging ground wheels, and a plurality of images mounted on said revolvable tables.

2,438,617
WAFER SWITCH
Donald P. Mossman, Sr., Chicago, Ill.
Application January 14, 1946, Serial No. 641,048
7 Claims. (Cl. 200—4)



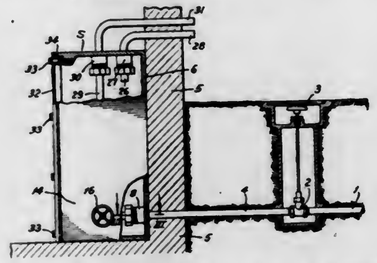
3. In a wafer switch of the character described, a bridging contact and mounting therefor comprising a supporting disc of insulation having an aperture, an eyelet seated in the aperture and provided with a spring seat at one end, a coiled spring in said eyelet, a bridging bar having contact portions at its ends and having a central pin projecting into the spring and aperture, and means limiting the movement of the bridging bar away from the disc, said means comprising a portion of said central pin projecting through the eyelet and a stop on said portion for engaging the eyelet.

2,438,618
HAIR CURLER
Ruthel J. Mott, Georgetown, Tex.
Application February 27, 1945, Serial No. 579,930
3 Claims. (Cl. 132—33)



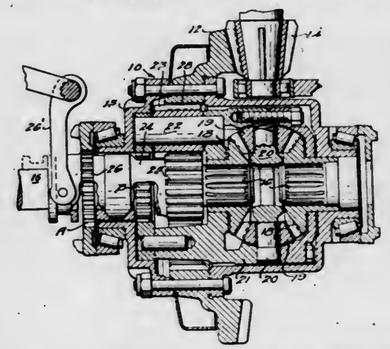
1. A hair curler comprising a curling surface formed of a plurality of longitudinally split sections arranged in spaced complemental relation with respect to one another, means connecting said sections together at an end thereof so as to permit expansile and contractile movement of said sections relative to each other, and a withdrawable member adapted to be inserted between said sections to cause expansile relative movement of said sections and maintain said sections in their spaced apart expansile movement position, and adapted upon being withdrawn to cause contractile relative movement of said sections to an extent such as to permit the return of said sections to their original spaced apart relation, said sections when in their maintained expansile movement position forming an exterior surface for the winding of strands of hair to be curled thereon and when upon completion of the contractile relative movement of said sections have the thus formed curl of hair loosely supported on said exterior surface.

2,438,619
GAS DISTRIBUTING SAFETY DEVICE
Stephen Rattay, New York, N. Y.
Application January 10, 1947, Serial No. 721,351
4 Claims. (Cl. 48—192)



4. A gas distribution safety cabinet, including, in combination: walls forming a chamber, one of said walls forming a cover; means for removably attaching the cover gas tight; means for projecting a main gas supply pipe within the chamber gas tight with a wall; means for projecting a distributing gas pipe through a wall gas tight therewith; a pressure reducing valve within the chamber connecting the main gas supply pipe and distribution pipe; a shut off valve in the main supply pipe within the chamber and means extending gas tight through a wall of the chamber for operating the valve without the chamber and means projected through a wall of the chamber gas tight venting the chamber to out of doors.

2,438,620
CLUTCH AND BRAKE DEVICE FOR A TWO-SPEED AXLE CONSTRUCTION
Robert C. Bussell, Cleveland Heights, Ohio, assignor to Eaton Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application December 10, 1941, Serial No. 422,364
5 Claims. (Cl. 192—12)

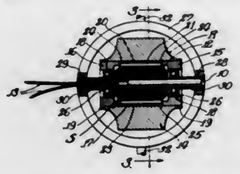


1. In a speed changing device the combination of a rotatable member having gear teeth formed thereon, the leading edges on one side thereof being removed from a normal to its axis, a fixed member having teeth formed thereon whose leading edges on one side thereof are inwardly angularly disposed from the mid-point thereof, and an axially shiftable member comprising a pair of axially spaced gears having teeth the leading edges of which are normal to its axis for selective meshing engagement respectively with said fixed gear member at synchronous speeds thereof for either direction of rotation of the axially shiftable member and said rotatable gear member at synchronous speeds thereof for only one direction of rotation of the axially shiftable member.

2,438,621
ELECTRIC MOTOR STRUCTURE FOR GYROSCOPES
John F. Schoeppel, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application March 27, 1944, Serial No. 528,191
5 Claims. (Cl. 172—36)

1. In a gyroscope structure, a stationary shaft, a stator mounted thereon and having a bore receiving said shaft, and a rotor comprising a massive cylindrical shell, a squirrel cage in said shell, said squirrel cage comprising a magnetic cylinder, said shell being wholly outside of said cylinder, a relatively large number of relatively small conductor bars extending longitudinally through said cylinder and electrically connected

together at their ends, said bars being formed of a metal having relatively high conductivity, an annular bearing housing pressed in each end of said shell and retaining said squirrel cage in



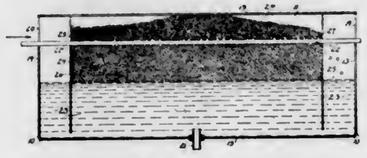
position therein, and bearings spanning the distance between said shaft and said bearing housings and located within the ends of said cylindrical shell.

2,438,622

METHOD FOR REDUCING THE SURFACE ADHESIVENESS OF ARTICLES

Robert H. Sperzel, Hamden, Conn., assignor to The Whitney Blake Company, Hamden, Conn., a corporation of Connecticut

Application August 17, 1944, Serial No. 549,939
6 Claims. (Cl. 117—139)



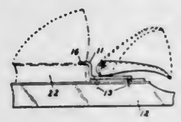
1. In the process of manufacturing a strand of rubbery material having a tacky surface: the method of applying a quick-drying coating film to the tacky surface of a continuous length of said strand to permit said strand to be wound on a reel without adherence between successive convolutions, comprising the steps of providing a body of coating foam supported on the surface of a body of foam-producing tackiness-reducing coating liquid which is a nonsolvent for the said rubbery material; and then passing said continuous length of strand through said foam to cover the tacky surface of said strand with a quick-drying tackiness-reducing coating film.

2,438,623

SKI ATTACHMENT

William Stanimir, Montreal, Quebec, Canada, assignor to Victoria Precision Works Company Limited, Montreal, Quebec, Canada

Application December 6, 1945, Serial No. 633,160
2 Claims. (Cl. 280—11.35)



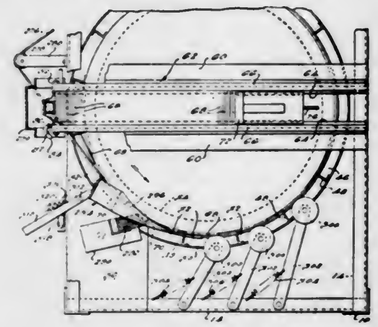
2. In a ski attachment, a fixed member adapted to be secured to a ski and having a stud extending upwardly therefrom, a movable member having a slotted portion which is engaged by the stud of said fixed member, said fixed member having a plurality of apertures, a pin extending downwardly from the underside of said movable member and adapted to engage with one of the apertures in said fixed plate, and a locking member pivotally secured through the stud of said fixed member and adapted to detachably hold said movable member in its various adjusted positions.

2,438,624

APPARATUS WITH ROTATABLE HEAD AND BELT FOR SUPPORTING CONTAINERS AND WITH MEANS FOR CLOSING CONTAINERS

Karl Stenglein, Saginaw, Mich.

Original application February 4, 1942, Serial No. 429,441. Divided and this application March 19, 1945, Serial No. 583,442
4 Claims. (Cl. 226—56)



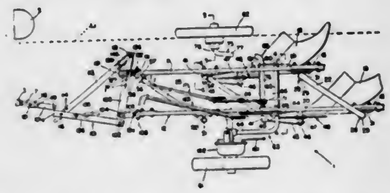
1. In a packaging machine, in combination, a circular head rotatable about its vertically positioned axis, means for rotating said head, means for delivering envelopes with their flaps in open position to said periphery of said head, continuous belt means surrounding said head in peripherally engageable relation with respect thereto over an angular extent of less than 360° for clamping said envelopes in succession to said head for support and movement therewith, means for moistening said flaps, means for closing said flaps, means for pressing said closed flaps against said envelopes to effect sealing of the same, and said third mentioned means being operable to release said envelopes from said head after said sealing has been effected.

2,438,625

LATERALLY ADJUSTABLE GANG PLOW

Carl G. Strandlund, Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois

Application April 1, 1944, Serial No. 529,160
5 Claims. (Cl. 97—97)



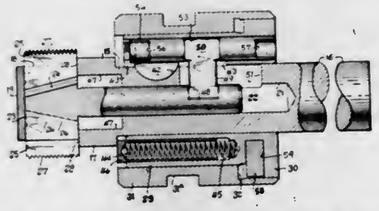
5. A gang plow comprising a pair of plow beams, bracket means fixed to one of said plow beams and extending laterally across the other beam, means for connecting the other plow beam with said one plow beam for movement toward and away from the latter and also relative to said bracket means, crank axle means having journal sections rockably mounted on said bracket means independently of said other plow beam and generally laterally outwardly extending wheel receiving sections at opposite sides of said plow beams, a land wheel journaled on the crank axle means adjacent said one plow beam, a furrow wheel journaled on the crank axle means adjacent the other plow beam, an adjustable part mounted on said one plow beam to which said bracket means is connected and operatively connected to said crank axle means, and means for transmitting draft to the forward ends of both of said plow beams irrespective of the lateral position of said other plow beam relative to said one plow beam.

2,438,626

COLLAPSING TAP

Royce M. Strickland, New Haven, Conn., assignor to The Geometric Tool Company, New Haven, Conn., a corporation of Connecticut

Application June 7, 1946, Serial No. 675,025
16 Claims. (Cl. 10—145)



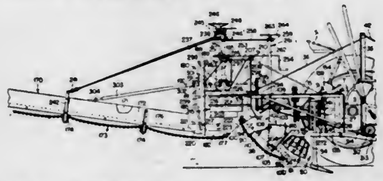
1. A collapsing tap having a plurality of advanceable and retirable thread-cutting chasers and including in combination: a chaser-carrying member having a plurality of substantially-radial chaser-guides and formed with a forwardly-facing latching-abutment; a plurality of thread-cutting chasers carried by the said chaser-carrying member and movable substantially radially in the chaser-guides thereof; an operating-sleeve mounted for axial movement upon the said chaser-carrying member and formed with a substantially-radial latch-receiving passage and with transmitter-guiding means extending in substantial parallelism with the longitudinal axis of the tap; chaser-operating means operatively connecting the said operating-sleeve with the said chasers; spring-means urging the said operating-sleeve rearwardly; a latch-member mounted for movement in a substantially-radial direction in the latch-receiving passage of the said operating-sleeve and engageable with and disengageable from the latching-abutment of the said chaser-carrying member, the said latch-member being provided with an inclined releasing-surface sloping forwardly and laterally outwardly away from the longitudinal axis of the tap; a rolling transmitting-member rollable in the transmitter-guiding means of the said operating-sleeve in a direction substantially longitudinal of the latter; and a tripping-sleeve axially movable upon the said operating-sleeve and having a rearwardly-facing abutment engageable with the said transmitting-member to roll the same rearwardly in the transmitter-guiding means of the said operating-sleeve and along the inclined releasing-surface of the said latch-member to force the latter out of engagement with the latching-abutment of the said chaser-carrying member.

2,438,627

BEET HARVESTER

Claude W. Walz, Avondale, Colo., and Clarence T. Rasmussen, Moline, and Robert D. Griff, Rock Island, Ill., assignors to Deere & Company, Moline, Ill., a corporation of Illinois

Application May 3, 1943, Serial No. 485,526
50 Claims. (Cl. 55—9)



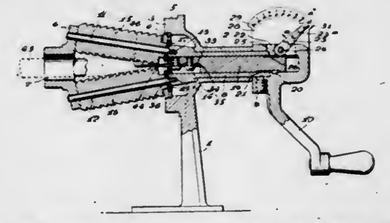
1. A beet harvester comprising a mobile frame, beet lifting plows carried thereby, a pair of kicker wheels carried for rotation by said frame and disposed to receive beets from said plows and forcibly project them rearwardly, and a rearwardly and upwardly extending conveyor supported from said mobile frame and disposed rearwardly of said kicker wheels, said conveyor having a beet receiving flight movable rearwardly in substantially the same direction as the direction in which said kicker wheels project the beets, the forward end of said conveyor being disposed underneath the rear portions of said kicker wheels.

2,438,628

PENCIL SHARPENER

John A. Yerkes, New York, N. Y.

Application August 12, 1944, Serial No. 549,214
10 Claims. (Cl. 120—96)



1. A pencil sharpener comprising a support, a head rotatably mounted on said support, substantially cylindrical milling cutters carried by said head with their cutting faces in converging relationship to form a tapered space between said cutters, and a cutting blade carried by said head substantially axially thereof and projecting between the converging ends of said cutters into the space between said cutters, said cutting blade having a substantially V-shaped cutting edge and the faces of said cutting blade being hollow-ground to permit the projection of said cutting blade between the faces of said converging milling cutters.

2,438,629

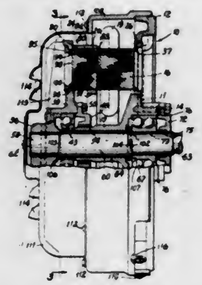
AXIAL AIR GAP MACHINE

Gordon R. Anderson, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill., a corporation of Illinois

Application February 28, 1944, Serial No. 524,181
16 Claims. (Cl. 171—252)

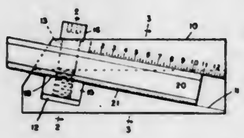
1. In an electrical machine of the character described, embodying an annular, magnetic core having an electrical winding thereon, a core-supporting frame having a core-engaging surface,

a ring element having a flange, formed separately of the frame and carried thereby in a position adjacent said core-engaging frame surface with said flange in engagement with the frame, and



a weld-connection between said element and said core, said element coacting with said frame to effect through said flange and weld-connection, a clamped seating of the core on said core-engaging frame surface.

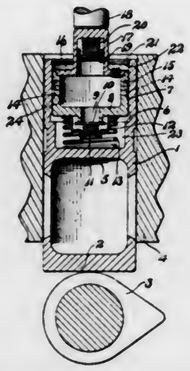
2,438,630
TOOLHOLDER
William Barks, Detroit, Mich., assignor to Clifford C. Stone, Detroit, Mich.
Application May 25, 1944, Serial No. 537,339
2 Claims. (Cl. 29—96)



1. A tool holder and blade combination consisting of an elongated holder body having a longitudinally extending angularly arranged groove in its side wall and a through passage near its forward end, said passage having its upper wall substantially in the plane of the lower side wall of said groove, a nut in said passage, a bolt extending down through said body and threaded into said nut, one edge of said nut extending into said groove and provided with serrations presented to said groove, and a tool blade in said groove and correspondingly serrated on its lower edge.

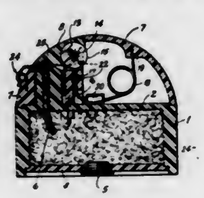
2,438,631
HYDRAULIC TAPPET
Paul F. Bergmann, Muskegon, Mich., assignor to Johnson Products, Inc., Muskegon Heights, Mich., a corporation of Michigan
Application June 24, 1946, Serial No. 678,744
6 Claims. (Cl. 123—90)

5. A tappet construction comprising a tappet body having a cylindrical recess in its upper portion, a chambered piston therewithin having a valve closed passage from the chamber within the piston to said cylindrical recess within the body below the piston, said piston having restricted liquid passing means for the circulation of the liquid from below the piston to the chamber therewithin, movable means for dividing the chambered piston into two parts one over the other, the lower of said chambered portions being adapted to contain liquid, and the upper portion to contain air, and yielding means normally tending to enlarge the air portion of the



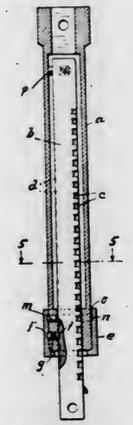
chamber and lessen the capacity of the liquid containing portion thereof acting upon said movable dividing means.

2,438,632
AUTOMATIC LIGHTER
Frederick P. Bushman, Vallejo, Calif.
Application July 19, 1945, Serial No. 605,904
2 Claims. (Cl. 67—4.1)



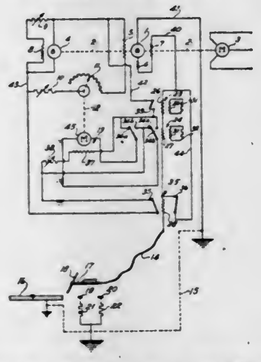
1. An automatic lighter comprising a hollow base forming a fluid reservoir, an upstanding boss on said base having a vertical bore therethrough, a wick in said bore having one end extending above said boss and the other end extending into said reservoir, a cover section removably connected to said base enclosing said boss, a web formed integral with said cover section including a portion adjacent said boss, a well in said web portion, a flint in said well having its upper end near the upper end of said wick, a wire spring having one end anchored in said cover and the other end extending into said well from the bottom thereof into contact with said flint biasing said flint upwardly in well expelling relation, a pivoted lid forming part of said cover section, an abrasive wheel anchored in said lid against relative movement, a shaft extending through the center of said wheel and having bearing support in said web forming a pivotal support for said lid and wheel, said wheel including an exposed serrated portion in contact with said flint maintaining said flint in said well against the force of said spring, latching means normally maintaining said lid closed, and spring means biasing said lid towards open position adapted upon release of said latching means to rotate said serrated portion of the wheel across said flint to effect sparks which strike said wick for igniting the same.

2,438,633
EXTENSIBLE TOOL SHANK
John Condor, Philadelphia, Pa.
Application November 17, 1944, Serial No. 563,911
9 Claims. (Cl. 287—58)



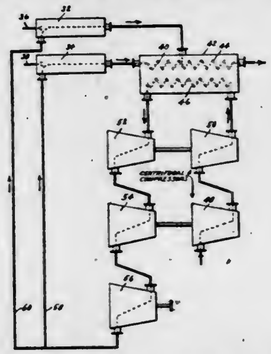
8. A tool shank adapted to carry at one end a tool and at the other end an operating handle, comprising two longitudinally extending members, one of which is slidable longitudinally along the other, a third member turnable on the other two members, interlocking elements on one of the longitudinally sliding members and the turnable member adapted to be brought into and out of locking relation by the turning of the turnable member to different angular positions, and other mutually engageable elements on the longitudinally extending members adapted, in said relative sliding movement of said members into any of a multiplicity of relative longitudinal positions, to bring said interlocking elements into position to enable their engagement to be effected.

2,438,634
REMOTE-CONTROL GENERATOR CIRCUIT
Cecil Farrow, Bainbridge Township, Geauga County, Ohio
Application December 8, 1943, Serial No. 513,383
7 Claims. (Cl. 322—80)



1. A remote control circuit including a main feed line, a first means operative in response to current in said feed line, a second means responsive to current of a different magnitude in the feed line and a third means responsive to current of still a different magnitude in said feed line and means to vary the current through the feed line to selectively operate said current responsive means, delay means connected to said second current responsive means to cause it to operate after the third means and delay means in said first current operated means to cause it to operate last.

2,438,635
TURBINE SYSTEM UTILIZING HOT DRIVING GASES
John S. Haverstick, Trenton, N. J., assignor to De Laval Steam Turbine Company, Trenton, N. J., a corporation of New Jersey
Application September 3, 1943, Serial No. 501,101
2 Claims. (Cl. 60—59)

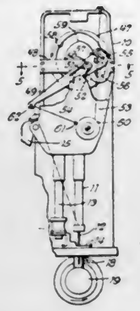


1. A turbine system comprising a plurality of turbines arranged in series, means for compressing air driven by at least one of the turbines, means for heating the air, means for directing the heated air to the turbines to drive the same, and means for burning fuel in air exhausted from the turbines, the means for heating the air utilizing the products of said combustion, said means for heating the air involving an air passage, means for subjecting the air in counterflow arrangement to heat exchange with one stream of said products of combustion and means for adding to said stream at an intermediate point thereof an additional stream of said products of combustion.

2,438,636
SEWING MACHINE
Matthew G. Ivandick, Rockford, Ill., assignor to Free Sewing Machine Co., Rockford, Ill., a corporation of Illinois
Application January 1, 1945, Serial No. 570,869
4 Claims. (Cl. 112—241)

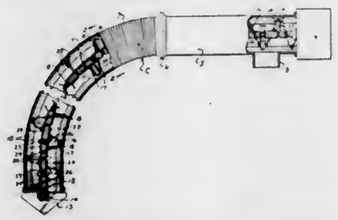
1. In a sewing machine having a reciprocating needle and a loop-taker cooperating therewith to produce lock-stitches, the combination of interconnected upper and lower shafts and driving means therefor to turn the shafts at a substantially constant speed and one-to-one ratio, the lower shaft having driving connections with the loop-taker, a crank on the upper shaft carrying a crank pin, a pitman rod pivoted thereon and a needle bar carrying the aforesaid needle operatively connected with said pitman rod, a needle thread take-up arm pivotally mounted to oscillate in a plane parallel to the plane of rotation of the crank, and a cam disk carried on the crank pin and in coaxial relation to and turning with the upper shaft and having a cam track thereon ex-

tending annularly relative to the axis of the upper shaft throughout 360° and cooperating with follower means carried directly on the take-up arm



to operate the latter in its thread take-up movements in a predetermined timed relationship to the operation of the needle and loop-taker.

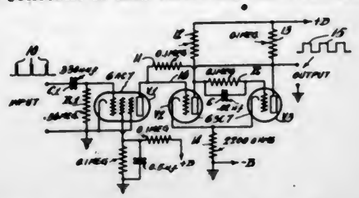
2,438,637
COMBINED CONVEYOR AND EXCAVATOR
Herbert D. Jansen, Shorewood, Wis.
Application March 7, 1946, Serial No. 652,648
3 Claims. (Cl. 37—189)



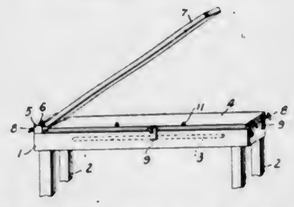
1. A combined excavator and conveyor comprising a flexible casing, a flexible shaft arranged axially in the casing for rotation, means for rotating the shaft, an excavating head secured to the forward end of the shaft for rotation therewith and a spiral flight carried by the shaft for rotation therewith arranged in said conveyor, said flight including a plurality of resilient wires, and said flight being formed in sections, the terminals of the sections being provided with flanges and slide clamps detachably fitted over said flanges for uniting the sections together.

2,438,638
PULSE TO RECTANGULAR WAVE CONVERTER
Louis L. Lakatos, Bala Cynwyd, Pa., assignor to Radio Corporation of America, a corporation of Delaware
Application March 30, 1943, Serial No. 481,176
9 Claims. (Cl. 250—27)

2. Apparatus for converting periodically recurring short electrical pulses into pulses of longer duration recurring at the same rate as the short pulses, said apparatus comprising a pair of amplifier tubes having cathodes and having anodes and grids which are direct-current cross-connected, one of said connections including a series capacitor shunted by a resistor, the other of said connections being substantially purely resistive, and a cathode resistor common to said tubes, the time constant of said series capacitor and shunting resistor being long compared with the period between successive short pulses.



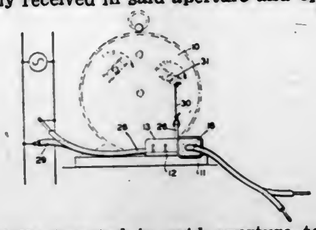
2,438,639
COLOR PROCESS REGISTRATION TABLE
Ralph Lawrence, Miami, Fla.
Application May 15, 1946, Serial No. 670,013
1 Claim. (Cl. 101—126)



A color process registration table, comprising in combination, a rectangular main frame, a transparent work bed carried thereby and shiftable horizontally thereon and adapted to support a work sheet having multiple perforations at predetermined spacings, a plurality of guide pegs carried by said work bed and shiftable therewith, said pegs projecting upwardly from said bed to engage said perforations to position said sheet in relation to said bed, a hinge block formed on said main frame at one end thereof, a screen frame overlying said work sheet and having a hingeable connection with said hinge block, threaded adjustment members carried by said hinge block and engageable with said screen frame to urge said screen frame away from said block to tighten said hingeable connection for the removal of loose play therefrom, a plurality of continuous and elongated lamps nested within said main frame below said work bed and longitudinally thereof, a plurality of bed adjusting members carried by said main frame and engageable with said bed to effect the horizontal adjustment thereof in relation to said screen frame.

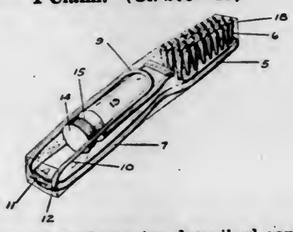
2,438,640
SWITCH ASSEMBLY
Edgar L. Lees, Youngstown, Ohio
Application June 19, 1946, Serial No. 677,657
4 Claims. (Cl. 200—35)

1. A switch mechanism comprising in combination an insulating housing, a pair of electrically conductive spring contacts secured in said housing and adapted to be engaged by the prongs of a conventional line cord plug, a movable switch arm in said housing and normally biased to predetermined position with respect to one of said spring contacts, a switch contact on said arm adapted to move into and out of engagement with said one of said spring contacts upon movement of said arm, an aperture in one wall of said housing, and a retractible insulating bar slideably received in said aperture and operative



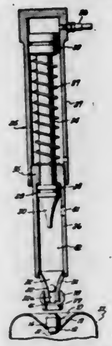
when fully inserted in said aperture to retain said arm away from its normally biased position.

2,438,641
TOOTHBRUSH HAVING PASTE TUBE ON HANDLE
Aloysius Loehr, Wichita, Kans.
Application October 24, 1946, Serial No. 705,306
1 Claim. (Cl. 206—47)



A device of the character described comprising a toothbrush, a stub handle leading from the brush, a tooth paste tube positioned on the said handle, a removable cap on the said tube, the said cap having a notched periphery, a wire fork fixed into the end of the said handle and bent over the paste tube for retaining the tube on the handle, the prongs of the wire fork being serrated for engaging the said notched periphery of the paste tube cap, the said wire fork when straightened providing additional hand gripping surface to the handle.

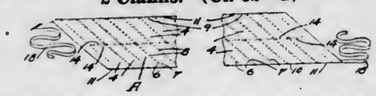
2,438,642
APPARATUS FOR INSERTING VALVE ELEMENTS
Earnest E. Martin, Redondo Beach, Calif., assignor to Ralph Walsh, Los Angeles, Calif.
Application November 20, 1944, Serial No. 564,353
2 Claims. (Cl. 29—235)



1. A device for inserting an individual elastic deformable closure element through a passage

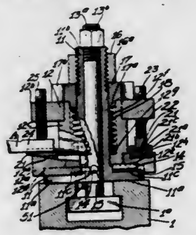
having a smaller diameter than said element into an enlarged space beyond said passage, that includes a separate body containing a chamber and a tapered restricted outlet smaller than said element and communicable with said passage, a plunger within said body operable to develop and apply gas pressure to said element when positioned in said restricted outlet, and movable means engageable with the element to project it under the applied gas pressure through the passage into said space.

2,438,643
PACK FOR USE IN REFRIGERATION ANESTHESIA
Hazel E. Moore, Oakland, Calif.
Application October 3, 1944, Serial No. 557,012
2 Claims. (Cl. 62—1)



1. A pack for use in refrigeration anesthesia comprising an absorbent material in the form of sawdust, a fabric material confining the absorbent, said fabric having sewed seams forming a plurality of compartments each containing the absorbent and the fabric between the compartments forming flexible connections between them, and a brine solution substantially saturating the fabric and the absorbent.

2,438,644
TURRET TOOL POST
Alfred R. Oberwegner, Los Angeles, Calif.
Application August 18, 1943, Serial No. 499,098
6 Claims. (Cl. 29—48)

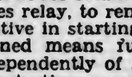


1. In a means of the class described, a support, a turntable mounted on said support and provided with a face adjacent the support, a plurality of positioning rollers located between the support and the turntable, each of the latter being provided with circumferentially spaced radiating index notches for receiving the rollers, screw means for securing the turntable with respect to the support, and a spring for resiliently holding the turntable, rollers, and support in engagement when the screw means is released to facilitate the raising of the turntable from one of the index notches to permit the turntable to ride on the rollers to the next circumferentially spaced index notch.

2,438,645
COLLAR CLIP
Joseph Raymond Palagonia, Brooklyn, N. Y.
Application March 17, 1944, Serial No. 526,854
4 Claims. (Cl. 24—81)

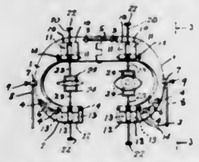
1. A collar clip having a bar member for extending across the front face of the points of a collar and a clamp jaw member for extending

across the back faces of the points of a collar behind said bar member, means for drawing said bar member and jaw members together with the points of said collar in position between the ends of said bar member and jaw member to be clamped thereby, comprising a socket portion formed on the inner face of one of said members, a stud portion formed on the other of said members and slidably engaging said socket portion, and a screw providing a wide handling face rotatively supported on the member having said socket portion and threadedly engaging said stud



portion for extending and retracting said stud portion relative to said socket portion throughout a continuously variable range of adjustment and further adapted to provide a continuously variable range of adjustment of the compressive forces exerted on the points of said collar as said screw is turned in one direction or the other to urge said members away from each other or towards each other, said bar and said clamp jaw member having intimate contact at their center and edge portions and being apart from each other at their intermediate portions.

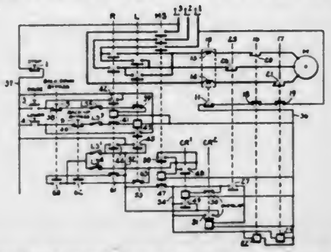
2,438,646
EYE SPECULUM
Seeley T. Pulliam, Houston, Tex.
Application November 6, 1945, Serial No. 626,957
4 Claims. (Cl. 128—20)



1. An eyelid speculum comprising, a face mask composed of side pieces of a general arcuate shape and curved to conform to the contour of the human face, said side pieces being connected together at the top to be relatively adjusted on a vertical axis and forming a forehead portion adapted to fit closely against the forehead of the patient, means for maintaining said side pieces at any point of adjustment, said side pieces being adapted to surround the respective eyes and to fit closely against the sides of the face and having free ends which rest against the cheeks of the patient, means on the mask for selectively engaging the eyelids and adjustable to move the engaged lid to the desired position relative to the eye ball and means for securing the lid-engaging means at a selected position of adjustment.

2,438,647
CONTROLLER FOR ELECTRIC MOTORS
Richard R. Ranson, Whitefish Bay, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application April 22, 1946, Serial No. 663,831
8 Claims. (Cl. 318—447)

7. The combination with an electric motor, of quick acting overload protective means for said motor, starting means for said motor, and means inclusive of a series relay, to render said protective means ineffective in starting, of said motor, the third mentioned means further including means acting independently of said series relay to render said protective means ineffective at the time the motor circuit is initially completed by said starting means and then rendering



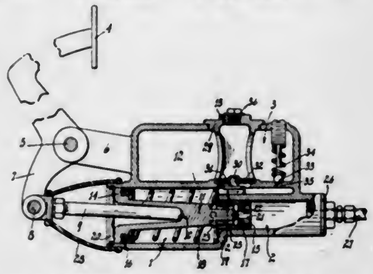
said series relay effective to determine the duration of the period of ineffectiveness of said protective means.

2,438,648
PHOTOPRINT WASHER
James Rodack and Harold E. Bauer, Detroit, Mich.
Application January 7, 1946, Serial No. 639,503
2 Claims. (Cl. 95—97)



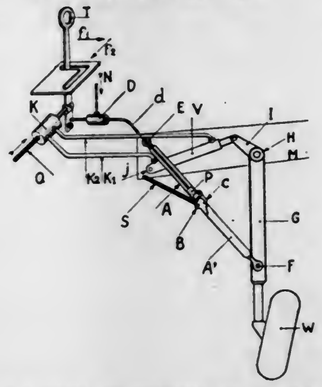
2. A print washer of the class described, comprising: a liquid receptacle embodying oppositely disposed side walls, oppositely disposed end walls and a bottom; a transversely extended partition mounted in said container adjacent one of said end walls; a pair of hangers mounted on one face of said partition; an inlet delivery pipe supported on said hangers and extending longitudinally of said partition; an angularly turned closed end on said delivery pipe turned into substantially a circular formation and projecting downwardly from said delivery pipe, said angularly turned end having outlet openings formed therein and said pipe having outlet openings formed therein, the outlet openings in said pipe being positioned above the outlet openings in said angularly turned portion; and means for adjusting said hangers vertically on said partition for adjusting the position of said inlet delivery pipe relatively to the bottom of said container.

2,438,649
COMPOUND MASTER CYLINDER
Albert E. Roy, Los Angeles, Calif.
Application March 17, 1942, Serial No. 435,003
3 Claims. (Cl. 60—54.6)



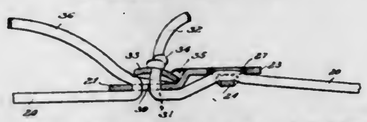
3. In hydraulic brake mechanism the combination with a two-stage master cylinder having high and low pressure cylinders, of a reservoir connected to said low pressure cylinder by valving mechanism which includes: a valve cage having a port connecting said reservoir and said low pressure cylinder; said port being modified to form a bleed port; a gravity operated valve vertically movable in said cage and adapted to close said first port but not said bleed when pressure increases in said cylinder; and a spring operated valve connecting said cylinder and reservoir and adapted to open when said pressure further increases.

2,438,650
CONSTRUCTION OF RETRACTABLE LANDING GEAR
Raymond Saulnier, Paris, France
Application February 13, 1942, Serial No. 430,821
In France May 15, 1940
Section 1, Public Law 690, August 8, 1946
Patent expires May 15, 1960
15 Claims. (Cl. 244—102)



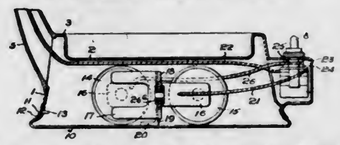
1. A retractable landing gear including a shock absorber pivoted to the airplane proper, a member adapted to run on the ground carried by said shock absorber, a jointed strut pivoted at one end to the airplane proper and at the other end to the shock absorber, said strut being broken in the folded position of the landing gear and straightened in the extended position of said landing gear, means for locking said strut in the landing position, means carried by the strut for bringing said locking means out of action and substantially simultaneously starting the breaking of said strut, and a jack interposed between the airplane proper and said shock absorber for finishing the folding movement started by the above mentioned means.

2,438,651
PULL CLASP
Charles P. Schlegel, Rochester, N. Y., assignor to The Schlegel Manufacturing Company, Rochester, N. Y., a corporation of New York
Application October 9, 1944, Serial No. 557,744
3 Claims. (Cl. 24—18)



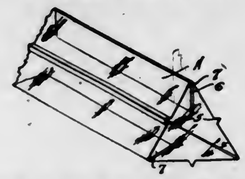
1. A pull clasp for fastening and holding articles comprising a slide plate, flexible ligature means for connection with an article to be fastened and having oppositely extending ends, said plate having a holding means adjacent one end thereof for engagement by one of said ligature end portions and having adjacent the other end thereof a slot opening laterally through an edge of said plate, an abutment on said plate adjacent said slot, and a circular disk fastened to said ligature end and adapted to be pulled thereby into positioning engagement with said abutment and into clamping cooperation with an edge of said slot, whereby when the other of said ligature ends is passed through said slot and tensioned, the said disk will clamp the same against movement.

2,438,652
UTILITY DEVICE FOR SIGNALLING WAITERS IN HOTEL DINING ROOMS, ETC.
Roland L. Smith, Belmont, Mass.
Application April 19, 1946, Serial No. 663,372
10 Claims. (Cl. 177—329)



1. A utility device for signalling waiters in hotel dining rooms, in restaurants, etc., comprising a hollow basal member adapted to be received upon and supported by a hotel dining or restaurant table or the like and shaped to support upon an upper face thereof a readily removable table utility receptacle and to receive between such receptacle and the bottom of the hollow basal member a source of electrical energy for the production of a signalling electric light at such table, said device having at least one arm upwardly extending from said hollow basal member laterally outside of the supported utility receptacle so as not to interfere therewith, and provided with a small electric light bulb and also having circuit wiring connecting said light bulb and the individual source of electrical energy within the said hollow basal member, said device being also provided with a switch in the circuit wiring at a point conveniently accessible to a guest seated at the table so that a waiter may be signalled when service is needed.

2,438,653
SCALE
Charles M. Ware, Salt Lake City, Utah
Original application November 7, 1942, Serial No. 464,917, now Patent No. 2,365,735, dated December 26, 1944. Divided and this application November 29, 1944, Serial No. 565,598
5 Claims. (Cl. 33—107)

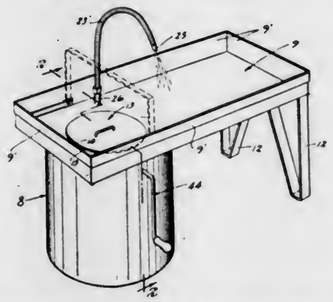


2. A scale of the class described comprising a transparent elongated triangle shaped scale body when viewed from the end having each angle bisected by a longitudinal narrow groove; indicia printed on each side of each angle of the scale;

and an opaque strip secured in said groove to separate the indicia by the strip to prevent interference in reading said indicia.

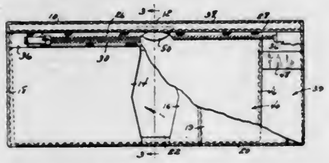
5. A device of the class described comprising a triangular elongated scale having three elongated faces; a groove bisecting each angle; a parting strip carried in each groove; and means medially of each face to raise the greater portion of the scale from the working surface.

2,438,654
AUTO PARTS WASHER
Victor N. Albertson, Minneapolis, Minn.
Application February 25, 1944, Serial No. 523,828
3 Claims. (Cl. 134—111)



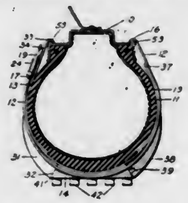
1. In a parts washer of the kind described, a a vertically disposed cylinder acting fluid reservoir, a work deck overlying and supported from said reservoir, a piston mounted for limited reciprocating movement in the fluid reservoir and having sliding sealing engagement with the inner surfaces thereof, a fluid delivery conduit leading from the reservoir at a point beyond one limit of movement of the piston and arranged to discharge above the said work deck, fluid return passages from the work deck back to that portion of the reservoir lying on the opposite side of said piston, yielding means biasing the piston to move toward one of its extreme positions, manually operated means for returning the piston to its other extreme position against the action of said yielding means, and a valve controlled port in said piston, said valve being in the nature of a one-way opening check valve permitting free flow of fluid therethrough under return movements of the piston and preventing flow of fluid therethrough under operative movements of the piston responsive to the yielding biasing means.

2,438,655
SECRET POCKET BILLFOLD
Milton Becker, Passaic, N. J.
Application December 7, 1945, Serial No. 633,416
1 Claim. (Cl. 150—36)



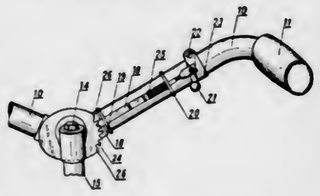
A device of the character described, comprising an elongated body foldable on the line of its transverse center, the upper edge of said body turned upon itself to form a fold, a track of a slide fastener secured to said fold, a wall having tabs for securing said wall to said body, the companion track of said fastener being secured to the upper end of said wall, said wall and said body thereby forming a bill receiving compartment closed by said fastener, a pocket in said compartment, means for securing said pocket in said compartment, said pocket being of a width to extend from the bottom of said compartment to a line in the rear of said first named track whereby said track retains said pocket in said compartment, a semi-circular shaped tab secured to the body at the central portion of the fold thereof, which extends downwardly from the fold to engage and aid the first track in retaining the pocket in said compartment when said fastener is moved to open said compartment, and inwardly opening pockets secured to said body outermost of said wall.

2,438,656
TRACTION DEVICE
Sol M. Crumrine, Des Moines, Iowa
Application August 29, 1946, Serial No. 693,726
5 Claims. (Cl. 152—226)



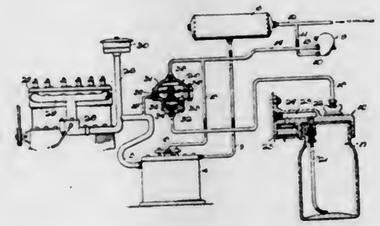
2. A traction device for a vehicle wheel having a rim and a tire comprising, a pair of nested substantially U-shaped members adapted to extend about said tire, means at opposite ends of said U-members adapted to be connected with opposite sides of said wheel rim to hold said two members about the tire, means yieldably connecting said pair of U-members for relative longitudinal movement, and a traction unit supported on said pair of U-members intermediate the ends thereof.

2,438,657
BICYCLE HANDLE
Marie-Marguerite Dufaux, Geneva, Switzerland
Application August 24, 1944, Serial No. 550,950
In Switzerland October 7, 1943
1 Claim. (Cl. 74—551.5)



In a bicycle handle construction, a toothed flange carried in a nearly vertical plane by the nipple of the steering column, two pivots on said flange, a pair of handle arms pivotally mounted on said pivots and having their inner ends in intermeshing engagement so that they may be simultaneously adjusted to the desired angular position, a spring urged and manually operable pawl slidingly mounted along one of said handle arms and adapted to engage with its inner end said toothed flange for locking said handle arms in the desired angular position, a plate movably engaged with the projecting ends of said pivots, springs arranged about the projecting ends of said pivots and pressing said plate against the inner ends of the handle arms for braking the angular movements of said arms when released from the locking pawl, whereby the handle arms may be adjusted to the desired height while running, and adjusting elements threaded on the projecting ends of the pivots for adjusting the tension of the braking springs.

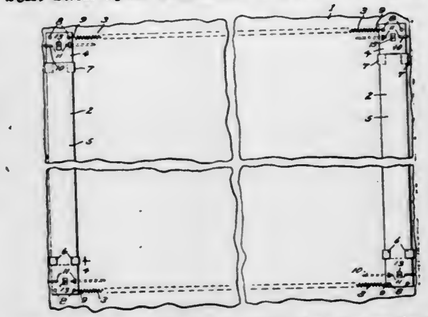
2,438,658
CONTROL MECHANISM
Ellery R. Fitch, Elyria, Ohio, assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio, a corporation of Delaware
Application November 8, 1944, Serial No. 562,555
9 Claims. (Cl. 230—2)



1. The combination in a fluid pressure supply system of the type having a reservoir, an air compressor having a discharge port connected to the reservoir, an inlet port connected to a source of air having a pressure below atmospheric pressure, and means responsive to variations of pressure in the reservoir for unloading the compressor when the pressure therein exceeds a predetermined value, of means operated by the vacuum in the inlet port for supplying an anti-freeze fluid thereto and to the air compressed by the compressor including a fluid container and a connection between said container and inlet port, and means controlled by the operation of said pressure responsive means for preventing the flow of anti-freeze fluid through the last named connection to the compressor when the compressor is unloaded.

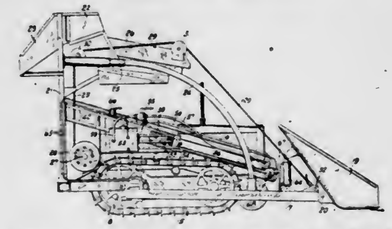
2,438,659
DEVICE FOR HOLDING ARTICLES IN ROOFS OF AUTOMOBILES
Raymond F. Fowler, Colorado Springs, Colo.
Application May 29, 1946, Serial No. 673,115
5 Claims. (Cl. 211—31)

2. A hat holder comprising end bars each formed of companion strips arcuate in cross section, and having their inner end portions provided with side tongues holding the strips together and permitting longitudinal sliding adjustment of the strips, helical springs extending between ends of said end bars and connected with outer ends of their strips, said strips having their outer ends formed with transversely spaced openings and between their openings being cut to form tongues bent inwardly to form loops extending longitudinally of the strips, and pins passed through the openings and the loops and having portions projecting from outer side edges of the strips and bent back upon themselves across inner faces of



the strips with their sharpened ends projecting from inner side edges of the strips.

2,438,660
EXCAVATING AND LOADING APPARATUS
Fay Garner, Longmont, Colo.
Application September 8, 1944, Serial No. 553,182
7 Claims. (Cl. 214—131)

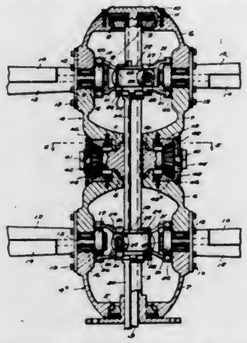


1. Excavating and loading apparatus for association with a powered tractor, comprising an auxiliary frame fixedly mountable on the tractor, a bucket-equipped yoke hinged for actuation through a vertical arc in embracing relation with the tractor and frame, means including a rotatable winding shaft and associated cables wholly and operatively carried by said frame and connecting with said yoke power-actuatable to swing the latter relative to said frame, an hydraulic system including a pressure pump and an extensible ram fixedly mountable on and in powered relation with the tractor independently of the frame, and flexible connections operatively between the shaft of said means and said ram for the reflection of ram displacement as proportional rotation of said shaft.

2,438,661
PROPELLER ASSEMBLY
Jessie B. Grady, Pasadena, Calif.
Application June 20, 1945, Serial No. 600,429
1 Claim. (Cl. 170—135.6)

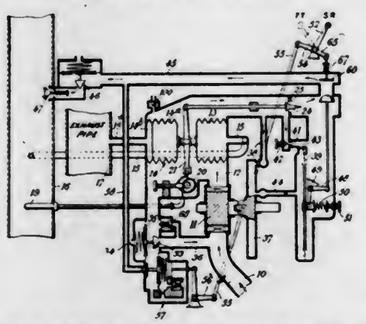
A propeller assembly comprising a shaft housing, a vertical tubular spindle, an annular flange rigid with the lower end of said spindle and bolted to said shaft housing, upper and lower propellers having hollow hubs journaled on said spindle in vertically spaced relation, said hubs having centrally apertured end walls through which said spindle extends, a pair of oppositely projecting radial blades carried by each hub, a drive shaft journaled in and extending through said spindle, a nose fixed to the upper end of

said drive shaft and bolted to the upper end wall of the hub of the upper propeller, a spider keyed on said spindle between the hubs of said propellers and provided with radial stub shafts having bevel pinions journaled thereon, bevel ring gears secured on the adjacent ends of the propeller hubs and meshing with said pinions, a circular housing encompassing said pinions and ring gears and secured on said stub shafts, packings between the edges of said circular housing and



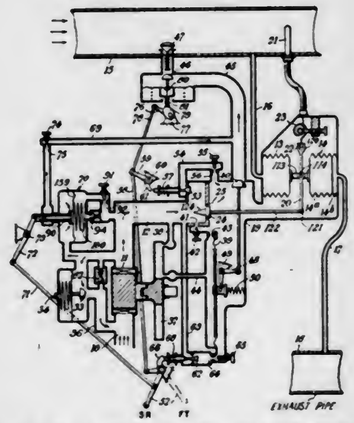
the adjacent ends of said propeller hubs, a sleeve slidable on said spindle within each propeller hub, at least a part of each propeller blade being capable of feathering movement, means within each propeller hub operatively connecting the adjacent sleeve to at least a part of each associated propeller blade for feathering the same, and operating bars for said sleeves slidable longitudinally of said spindle and extending into said shaft housing.

2,438,662
FUEL INJECTION SYSTEM FOR INTERNAL-COMBUSTION ENGINES
Leonard Sidney Greenland, Weston-super-Mare, England, assignor to H. M. Hobson Limited, London, England, a company of Great Britain
Application December 29, 1945, Serial No. 638,128
In Great Britain February 12, 1945
9 Claims. (Cl. 123—119)



1. In a fuel injection system for an internal combustion engine comprising a fuel supply conduit, a fuel metering orifice therein, means for feeding fuel under pressure along said conduit and through said orifice, an engine driven centrifugal impeller for controlling the proportion of fuel in the fuel-air mixture supplied to the engine, a pressure regulating valve on the downstream side of the metering orifice, a pressure responsive device controlling said valve, said pressure responsive device being exposed at one side to the fuel pressure at the exit of the metering orifice, a conduit for subjecting the other side of said device to the pressure at the eye of the impeller, and a conduit connecting the tip of the impeller to the fuel supply conduit at the entry side of the metering orifice, the combination with said pressure responsive device of means for exerting thereon a biasing force which is small in comparison with the fuel pressure difference prevailing across the metering orifice except under slow running conditions.

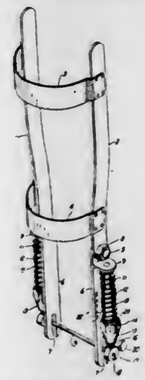
2,438,663
FUEL INJECTION SYSTEM FOR INTERNAL-COMBUSTION ENGINES
Leonard Sidney Greenland, Weston-super-Mare, England, assignor to H. M. Hobson Limited, London, England, a company of Great Britain
Application December 29, 1945, Serial No. 638,130
In Great Britain February 12, 1945
6 Claims. (Cl. 123—119)



1. In a fuel supply system for an internal combustion engine, comprising a main fuel conduit, a variable area metering orifice in said conduit, a fuel pump for feeding fuel under pressure along said conduit and through said metering orifice, means for varying the effective area of said orifice as a desired function of boost pressure, and means for maintaining across said orifice a metering pressure which varies as a desired function of engine speed and thereby controlling the ratio of fuel to air in the mixture supplied to the engine, the combination with a pilot's throttle lever, movable from a slow running position through a weak cruising range to a normal cruising position and beyond to select higher power from the engine, of a first supplementary fuel conduit, a slow running valve for controlling the flow of fuel through said first supplementary conduit, a second supplementary fuel conduit, a weak-to-normal enrichment valve for controlling the flow of fuel through said second supplementary conduit, a third supplementary conduit in parallel with the metering orifice, an accelerator pump for feeding fuel through said third supplementary conduit, all of said supplementary conduits, when in operation, providing passages alternative to the metering orifice for the fuel supplied by the fuel pump, and a single manually operable linkage controlled by the pilot's throttle

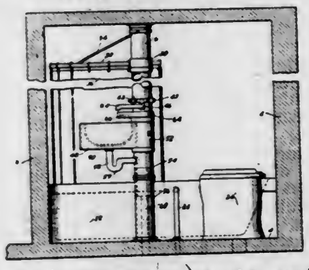
lever and arranged to operate both valves and the accelerator pump automatically and as an incident to movement of said lever, and by the resultant control in the flow of fuel through said supplementary conduits to provide an adjustment in the fuel flow at slow running, to give an enrichment in mixture strength on movement of said lever from weak cruising position to normal cruising position, and to provide an enrichment in mixture strength during periods of acceleration.

2,438,664
HEEL BONE TRACTION SPLINT
Lloyd E. Hansberry, San Francisco, Calif.
Application February 4, 1946, Serial No. 645,343
3 Claims. (Cl. 128—85)



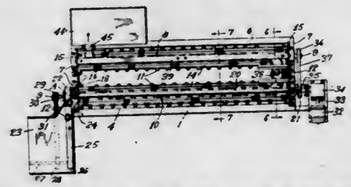
1. A traction splint of the character described comprising: a pair of generally parallel and opposed straps; a transverse arched member secured at either end to said straps for holding them in laterally spaced relation with respect to each other; strap extensions pivoted to the lower ends of said straps, the lower end of each of said extensions being provided with an elongated slot; a transverse bracket secured to and extending outwardly from the upper end of each of said extensions; and a spring loaded longitudinally extendable and adjustable heel bone pin carrier mounted on each of said brackets in parallelism with the extension on which said bracket is mounted.

2,438,665
BATHROOM EQUIPMENT.
Arthur T. Hesse, Long Beach, Calif.
Application May 15, 1946, Serial No. 669,735
6 Claims. (Cl. 4—2)



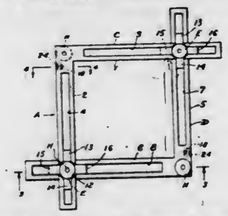
2. In bathroom equipment, the combination, which comprises, a centrally disposed tubular stanchion having a plurality of water supply pipes therein, a tubular post spaced from the stanchion having a drain pipe therein, an upper section rotatably mounted on said post, a wash basin carried by the said upper section of the post, a drain from the wash basin extending through the said upper section of the post and connected to the drain pipe of the post through a swivel joint, and faucets having swivel joints therein carried by the stanchion, connected to the water supply pipes therein, and extending over the wash basin.

2,438,666
CONVEYOR EGG WASHING AND DRYING MACHINE
George F. Hodson, Altus, Okla.
Application July 5, 1946, Serial No. 681,562
1 Claim. (Cl. 15—3.13)



In an egg cleanser, a pair of conveyors coacting, a frame on which the conveyors are journalled and legs to carry the frame, a table carried by the frame in working relation to one end of one of the conveyors, a belt and pulleys to carry the belt, the belt being on a plane with the table and positioned on its side adjacent the said one end of the conveyor, guiding means carried by the table to conduct eggs across the belt and from thence onto the conveyor, and a trough on the other ends of said conveyors to conduct eggs onto one end of the other conveyor, guiding and aligning means for the eggs carried by the conveyors along their upper sides, a table at the other end of last said conveyor and guiding means to dispense the eggs on last said table, a motor and transmission gears to turn said conveyors and move the belt, a pipe and means to carry the pipe in parallelism with first said conveyor and in spaced relation thereabove, said pipe being apertured along its lower side to dispense water over the eggs as conveyed thereunder, fluorescent lamps of suitable length to extend full length of the last said conveyor, and means to carry the same thereabove and being vertically aligned with the turning axis of said conveyor.

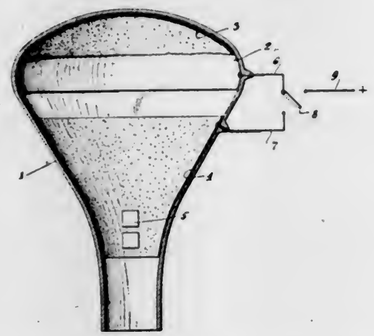
2,438,667
ANGLE CALCULATOR FOR STRUCTURAL MEMBERS
James T. Hogue, San Francisco, Calif., assignor by decree of court to Lenna M. Hogue
Application October 12, 1943, Serial No. 506,001
9 Claims. (Cl. 33—174)



1. An angle calculator comprising a pair of adjustable rectangular frames, adjustable exten-

sions connecting the two frames together, said frames having central openings for receiving a structural member that is to be marked for cutting, and measuring screws placed at the corners of the frames and adapted to be adjusted to contact with surfaces against which the ends of the structural member are to abut, the ends of said screws indicating on the structural member when the member is received in the frames, the place for cutting the member and the angle of cut.

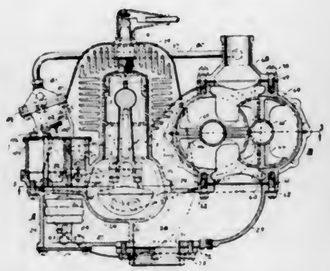
2,438,668
CATHODE-RAY TUBE SCREEN AND PROCESS
Stanley J. Koch, Clifton, and Robert E. Rutherford, Rutherford, N. J., assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J., a corporation of Delaware
Application April 28, 1944, Serial No. 533,116
1 Claim. (Cl. 250—164)



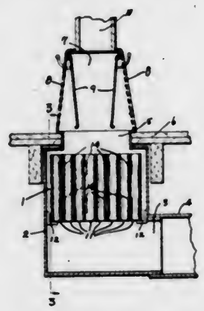
A cathode-ray tube having a layer of approximately molecular particles of electrically conductive material fused together on the inner surface of the outer end thereof, a layer of fluorescent material on said layer, a layer of conducting material on the inside of said tube separated from said layer of particles and means to connect and disconnect said layer of fused particles and said layer of conducting material.

2,438,669
MOTOR FUEL POWER INDUCTION DEVICE
William F. Krenzke, deceased, late of Racine, Wis.; E. A. Jacobsen, special administrator of said William F. Krenzke, assignor to Jacobsen Manufacturing Company, Racine, Wis., a corporation of Wisconsin
Original application January 4, 1943, Serial No. 471,292, now Patent No. 2,397,457, dated March 26, 1946. Divided and this application February 11, 1946, Serial No. 646,779
6 Claims. (Cl. 123—72)

2. A device of the character described comprising, a two cycle internal combustion engine, a carburetor having an outlet, an elongated flat upper surface chamber extending horizontally from the crank case of the engine, the outlet of said carburetor extending through said flat surface adjacent one end thereof, a thin elongated reed valve with spring characteristics having one end secured to the other end of said flat upper surface, its free end adapted to yieldingly close said carburetor outlet and act as an inlet valve to the engine, an oil chamber having an aperture which extends through said flat surface and in proximity to said carburetor outlet and adapted to be closed by said reed valve when the carburetor outlet is closed, whereby oil will be metered into the crank case relative to the volume of mixture admitted into the crank case of the engine.

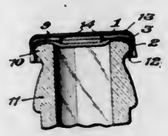


2,438,670
ELECTRIC CIRCULATING HEATER
Harry F. MacDonald and William N. Askers, Spokane, Wash.; said Askers assignor to H. F. MacDonald and J. C. MacDonald, both of Spokane, Wash.
Application May 8, 1946, Serial No. 668,194
1 Claim. (Cl. 219—38)



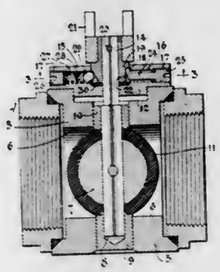
An air heater comprising a casing having side walls and a top and a bottom, the top being formed with an outlet opening surrounded by an upstanding neck and a side wall being formed with an inlet opening surrounded by an outstanding neck, brackets in said casing mounted against side walls thereof above the inlet opening, a bank of vertically extending air tubes in said casing spaced from the walls and top of the casing, the tubes being arranged in horizontal rows and the tubes of each row being welded in side by side engagement with each other and in side by side relation to tubes of adjoining rows, contacting side portions of adjoining rows of tubes being formed with vertically spaced side openings disposed in registering relation with companion openings of the said adjoining tubes and providing the said bank of tubes with transversely extending passages, and electrically energized heating units passing through said passages with end portions projecting from opposite sides of the bank of tubes and adapted for connection with conductors.

2,438,671
RESILIENT SEALING DISC FOR BOTTLE SEALS
José María Bolaño Marana, Buenos Aires, Argentina
Application August 14, 1944, Serial No. 549,357
In Argentina August 18, 1943
2 Claims. (Cl. 288—33)



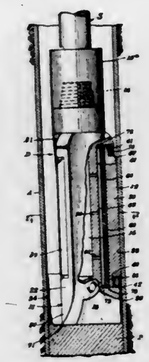
1. In a container cap, yieldable sealing means comprising a plurality of laminated layers of material, having top and bottom layers of imperforate material and intermediate perforate material, said perforate material comprising a disc having a circular imperforate center and an imperforate outer rim connected by webs, said webs being adapted to flex when capping pressure is applied thereto over the mouth of a container.

2,438,672
VALVE INDEXING MEANS
Wilton Margrave, Cleveland, Ohio, assignor to The Parker Appliance Company, Cleveland, Ohio, a corporation of Ohio
Application September 5, 1944, Serial No. 552,775
3 Claims. (Cl. 74—527)



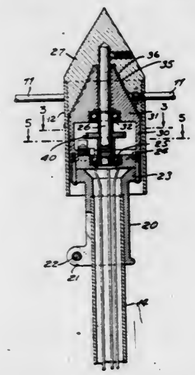
1. Indexing means for a valve structure wherein are provided a casing and a rotor turnable back and forth to and between two selective positions, said indexing means comprising a rotor portion movable with the rotor, a part fixed on the casing and having a bore therethrough intersecting the axis of the rotor, a stop screw mounted in one end of the bore and projecting radially inwardly for engagement with said rotor portion, and a spring detent mounted in the other end of the bore and projecting radially inwardly for engagement with said rotor portion, said rotor portion having a recess in the side thereof presented toward said screw with the ends of the recess disposed to engage as stop means with the screw when the rotor is turned to one or the other of said selective positions, and said rotor portion also having two recesses in its periphery at its other side in which to selectively receive the spring detent and disposed cooperatively with relation to the recess ends to yieldably hold the rotor in one or the other of said selective positions.

2,438,673
WELL TOOL
Thomas E. McMahan, Ojai, Calif.
Application February 20, 1945, Serial No. 578,820
1 Claim. (Cl. 166—18)



A tool of the character described including an elongate body to be rotated by a well string, there being a longitudinal fluid passage in the body and restricted outlet passages at the lower end of the body, a blade having an edge, a rib projecting from the side of the body forming a guideway carrying the blade so its edge faces in the direction of rotation of the body, there being a passage connecting the said fluid passage and the guideway, and a sealing member in the guideway behind the blade, the rib extending to the lower end of the body and there having an edge facing in the direction of rotation of the body.

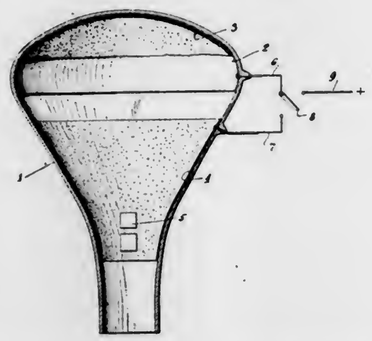
2,438,674
ANEMOMETER
Arthur T. Newell, Huntington, N. Y., assignor to Kenyon Instrument Co., Inc., Huntington Station, N. Y., a corporation of New York
Application November 16, 1945, Serial No. 629,047
1 Claim. (Cl. 200—81.9)



A remote reading anemometer comprising a post, a housing mounted on said post having a cylindrical wall and upper and lower closure members forming a closed chamber and carrying upper and lower bearings, said upper closure member having a conical surface of substantial

sions connecting the two frames together, said frames having central openings for receiving a structural member that is to be marked for cutting, and measuring screws placed at the corners of the frames and adapted to be adjusted to contact with surfaces against which the ends of the structural member are to abut, the ends of said screws indicating on the structural member when the member is received in the frames, the place for cutting the member and the angle of cut.

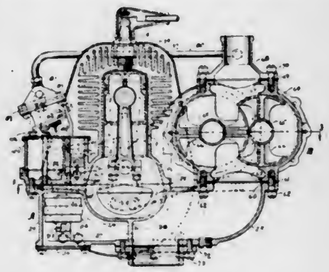
2,438,668
CATHODE-RAY TUBE SCREEN AND PROCESS
Stanley J. Koch, Clifton, and Robert E. Rutherford, Rutherford, N. J., assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J., a corporation of Delaware
Application April 28, 1944, Serial No. 533,116
1 Claim. (Cl. 250—164)



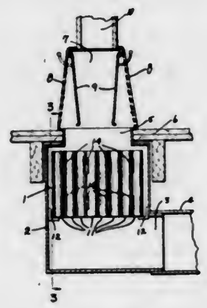
A cathode-ray tube having a layer of approximately molecular particles of electrically conductive material fused together on the inner surface of the outer end thereof, a layer of fluorescent material on said layer, a layer of conducting material on the inside of said tube separated from said layer of particles and means to connect and disconnect said layer of fused particles and said layer of conducting material.

2,438,669
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William F. Krenzke, deceased, late of Racine, Wis.; E. A. Jacobsen, special administrator of said William F. Krenzke, assignor to Jacobsen Manufacturing Company, Racine, Wis., a corporation of Wisconsin
Original application January 4, 1943, Serial No. 471,292, now Patent No. 2,397,457, dated March 26, 1946. Divided and this application February 11, 1946, Serial No. 646,779
6 Claims. (Cl. 123—72)

2. A device of the character described comprising, a two cycle internal combustion engine, a carburetor having an outlet, an elongated flat upper surface chamber extending horizontally from the crank case of the engine, the outlet of said carburetor extending through said flat surface adjacent one end thereof, a thin elongated reed valve with spring characteristics having one end secured to the other end of said flat upper surface, its free end adapted to yieldingly close said carburetor outlet and act as an inlet valve to the engine, an oil chamber having an aperture which extends through said flat surface and in proximity to said carburetor outlet and adapted to be closed by said reed valve when the carburetor outlet is closed, whereby oil will be metered into the crank case relative to the volume of mixture admitted into the crank case of the engine.

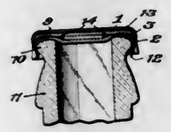


2,438,670
ELECTRIC CIRCULATING HEATER
Harry F. MacDonald and William N. Askers, Spokane, Wash.; said Askers assignor to H. F. MacDonald and J. C. MacDonald, both of Spokane, Wash.
Application May 8, 1946. Serial No. 668,194
1 Claim. (Cl. 219—38)



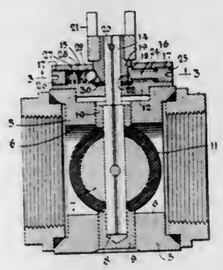
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2,438,671
RESILIENT SEALING DISC FOR BOTTLE SEALS
José María Bolaño Marana, Buenos Aires, Argentina
Application August 14, 1944, Serial No. 549,357
In Argentina August 18, 1943
2 Claims. (Cl. 288—33)



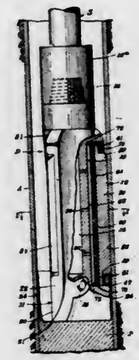
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2,438,672
VALVE INDEXING MEANS
Wilton Margrave, Cleveland, Ohio, assignor to The Parker Appliance Company, Cleveland, Ohio, a corporation of Ohio
Application September 5, 1944, Serial No. 552,775
3 Claims. (Cl. 74—527)



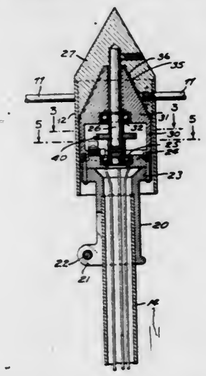
1. Indexing means for a valve structure wherein are provided a casing and a rotor turnable back and forth to and between two selective positions, said indexing means comprising a rotor portion movable with the rotor, a part fixed on the casing and having a bore therethrough intersecting the axis of the rotor, a stop screw mounted in one end of the bore and projecting radially inwardly for engagement with said rotor portion, and a spring detent mounted in the other end of the bore and projecting radially inwardly for engagement with said rotor portion, said rotor portion having a recess in the side thereof presented toward said screw with the ends of the recess disposed to engage as stop means with the screw when the rotor is turned to one or the other of said selective positions, and said rotor portion also having two recesses in its periphery at its other side in which to selectively receive the spring detent and disposed cooperatively with relation to the recess ends to yieldably hold the rotor in one or the other of said selective positions.

2,438,673
WELL TOOL
Thomas E. McMahan, Ojai, Calif.
Application February 20, 1945, Serial No. 578,820
1 Claim. (Cl. 166—18)



A tool of the character described including an elongate body to be rotated by a well string, there being a longitudinal fluid passage in the body and restricted outlet passages at the lower end of the body, a blade having an edge, a rib projecting from the side of the body forming a guideway carrying the blade so its edge faces in the direction of rotation of the body, there being a passage connecting the said fluid passage and the guideway, and a sealing member in the guideway behind the blade, the rib extending to the lower end of the body and there having an edge facing in the direction of rotation of the body.

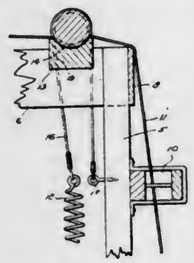
2,438,674
ANEMOMETER
Arthur T. Newell, Huntington, N. Y., assignor to Kenyon Instrument Co., Inc., Huntington Station, N. Y., a corporation of New York
Application November 16, 1945, Serial No. 629,047
1 Claim. (Cl. 200—81.9)



A remote reading anemometer comprising a post, a housing mounted on said post having a cylindrical wall and upper and lower closure members forming a closed chamber and carrying upper and lower bearings, said upper closure member having a conical surface of substantial

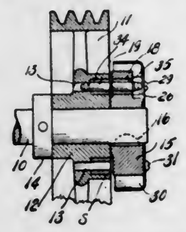
extent extending above the upper bearing to shield the same, a shaft journaled in said bearings and projecting upwardly beyond the upper closure member, a cap mounted on said shaft having a lower conical surface registering with and having a running fit over the conical surface of said upper closure member, a sleeve on said cap extending downwardly around said cylindrical wall and projecting below said lower closure member, radial arms carried by said sleeve, wind cups on said arms, a switch located in said chamber, a cam disc carried by said shaft within said chamber, and a cam follower actuated by said cam disc and connected to actuate said switch.

2,438,675
WARP TENSION ATTACHMENT
George K. Nicholas, La Porte, Ind.
Application September 26, 1946, Serial No. 699,431
2 Claims. (Cl. 139—97)



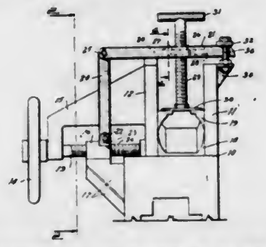
2. A warp tensioning attachment for looms comprising a grooved block over which strands of yarns are drawn, a roller seated on the block, a flexible member extended over the roller and slidably extended through said block to yieldably maintain the roller seated in the groove of the block.

2,438,676
SAFETY SHEAR-PIN DRIVE
Frank H. Nickle and Arthur G. Nickle, Saginaw, Mich.
Application December 31, 1943, Serial No. 516,556
10 Claims. (Cl. 64—28)



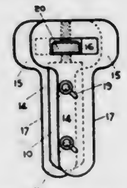
3. A safety driving means for transmitting rotative movement from a driving member to a driven member axially aligned therewith, said means comprising a cylindrical shear-pin having an annular groove near one end thereof, and means carried by one of said members for holding the unsheared shear-pin in proper relation therewith, said holding means comprising a bifurcated element that straddles the shear-pin and seats in opposite sides of the annular groove.

2,438,677
TIRE CASING VULCANIZER
Virgil F. Ostler, Denver, Colo., assignor to Lewis Equipment and Supply Company, Denver, Colo.
Application December 29, 1945, Serial No. 638,076
1 Claim. (Cl. 18—18)



The combination in a casing vulcanizer of a fixed vise jaw; a movable vise jaw; a nut fixed adjacent said movable jaw, said nut and said fixed jaw being on opposite sides of said moveable jaw, a vise screw threaded through said nut into contact with said movable jaw; link means hingedly mounted on said nut and extending upwardly therefrom; a beam hinged to the upper extremity of said link means and extending across both vise jaws; means for clamping the free extremity of said beam to said fixed jaw; and a jack screw extending downwardly from said beam between said jaws.

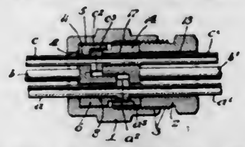
2,438,678
TOBACCO-PIPE SCRAPING TOOL
Donald Ashford Palmer, Sheffield, England
Application August 20, 1945, Serial No. 611,535
In Great Britain August 31, 1944
9 Claims. (Cl. 131—246)



1. A tobacco-pipe scraping tool comprising in combination a base having more than one flat face, a scraper blade mounted on each of such faces, and guided to slide in relation thereto between closed and expanded positions in which latter positions operative edges of all the blades project equal distances beyond the base faces and a screw device axially aligned with said base capable of causing such relative sliding movement between the base and each blade.

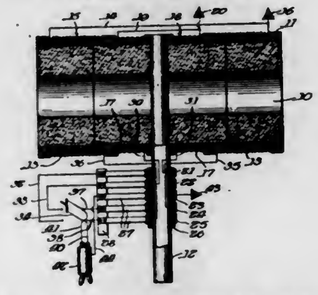
2,438,679
MANIFOLD TUBE COUPLING
Arthur L. Parker, deceased, late of Cleveland, Ohio, by Helen M. Parker, executrix, Shaker Heights, and Lorain N. Vandervoort, Cleveland, Ohio, assignors to The Parker Appliance Company, Cleveland, Ohio, a corporation of Ohio
Application May 15, 1945, Serial No. 593,800
5 Claims. (Cl. 285—21)

1. A coupling for a group of tubes comprising coupling members having a threaded connection, said coupling members when connected being provided with bores in alignment through which groups of tubes to be connected may be inserted, said coupling members being provided with a recess, opposed tube positioning members in said recess each of said positioning members having



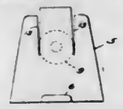
a separate bore for each tube of the group associated therewith in which the tubes may be arranged in a desired order, and means ensuring the connection of certain selected tubes in the group when said coupling members are joined.

2,438,680
LOOP ANTENNA APPARATUS
Wladimir J. Polydoroff, Glencoe, Ill.
Original application March 11, 1943, Serial No. 478,748. Divided and this application October 20, 1944, Serial No. 559,496
5 Claims. (Cl. 250—33.67)



1. A low impedance directional loop antenna system for the reception of electromagnetic waves, comprising in combination, an elongated tubular ferromagnetic core made in sections of finely divided and compressed magnetic particles, coil windings spread substantially over the length of said core and serially connected in aiding sense to increase the effective permeability of said core in said windings, a supporting form common to said core and coil and in close association with the core, means supporting the core and coil combination for rotation, said means having securement to the supporting form and having provision for carrying the terminal connections of said coil windings.

2,438,681
KNIFE SHARPENER
Jay R. Reese, Hamburg, Iowa
Application September 8, 1947, Serial No. 772,832
4 Claims. (Cl. 76—89)

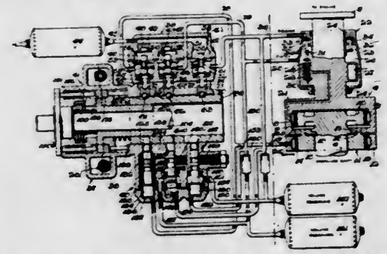


4. A knife sharpener comprising a hollow body, a rib extended across the interior of the body, said rib having a slot extending longitudinally thereof, a sharpening disc removably held within the slot, said body having knife guide slots extending inwardly from one end thereof and intersecting the slot of the rib whereby portions of the sharpening disc are exposed within the guide slots, and means for removably holding the sharpening disc within the slot.

2,438,682
METHOD AND MATERIALS FOR CLEANING OIL WELLS AND EQUIPMENT
Pearlie B. Roberts, Tyler, Tex.
No Drawing. Application August 7, 1945, Serial No. 609,491
6 Claims. (Cl. 252—8.55)

1. The method of liquefying solids deposited from petroleum, in which said deposits are treated with a mixture consisting essentially of a chemical selected from the group consisting of sodium hydroxide and potassium hydroxide, said chemical representing from 10% to 90% of the mixture, a phenol representing from 90% to 10% of the mixture, and sufficient water to dissolve the mixture, said treatment being accomplished in the presence of crude oil.

2,438,683
FLUID PRESSURE CONTROL MECHANISM
Frederick F. Rohrer, Jr., Philadelphia, Pa., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio, a corporation of Delaware
Application March 22, 1944, Serial No. 527,649
32 Claims. (Cl. 192—.01)

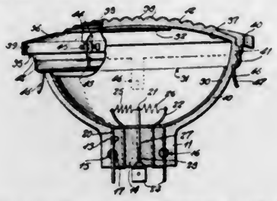


1. Control mechanism for a pair of fluid actuators including valve means for controlling the supply of fluid pressure to each actuator, means including a control element for selectively operating said valve means to supply fluid pressure to either of said actuators, and means controlled by the pressure of fluid supplied to one of said actuators for preventing operation of the valve means by said element to supply fluid pressure to the other actuator except when the pressure of fluid supplied to said one actuator is less than a predetermined value.

2,438,684
ELECTRIC LAMP
Grover C. Singer, Brownsville, Tex.
Application June 16, 1945, Serial No. 599,785
2 Claims. (Cl. 240—41.5)

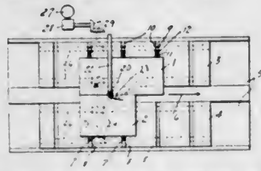
2. In an electric lamp including a globe, a mounting protector therefor applied to the outer edge of said globe where the side wall meets the top, said protector comprising a ring having flanges extending in different directions, one being an inwardly curved annular flange extending from the inner periphery of the ring and embracing a portion of the top of the globe, the other flange extending rearwardly from the ring and embracing a portion of the side wall of said

globe and provided with a plurality of spaced tongues disposed in a non-engaging position with reference to the globe, said ring and tongues



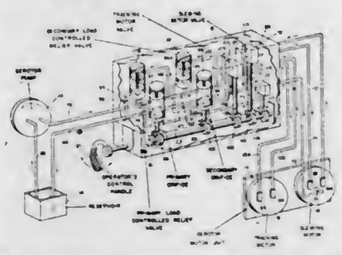
having perforations lying beyond the surface of the globe to receive means for attaching the globe to a fixed support.

2,438,685
METHOD FOR JOINING THERMOPLASTIC PIECES
Don E. Stevens, South San Francisco, Calif., assignor to Hammond Aircraft Company, South San Francisco, Calif.
Application September 20, 1943, Serial No. 503,168
3 Claims. (Cl. 154—42)



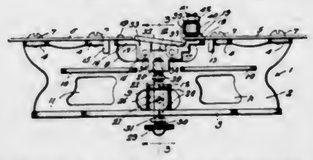
1. The method of joining pieces of thermoplastic material that comprises the steps of arranging a pair of said pieces having similar opposed surfaces with said surfaces in engagement with each other, yieldably urging said surfaces into engagement and then, while so urging said surfaces, fusing said surfaces together by passing a member between said surfaces at a temperature above the melting point of said material, and finally heating the material of said pieces at opposite edges of said surfaces after said surfaces have been so fused together.

2,438,686
MULTIPLE MOTOR
Albert Rivington Stone, Baltimore, Md.
Application June 22, 1945, Serial No. 600,947
2 Claims. (Cl. 74—189.5)



2. A hydraulic power assembly comprising, paired hydraulic motors having power output shafts, a source of fluid power supply for said motors, control valve means for metering fluid to said motors from said power supply, a diaphragm disposed at the end of one of said motor shafts and serving as a brake for the same, means for releasing said brake, a power take-off shaft common to said motors, planetary gearing connecting the output shafts of said motors in driving relation with said take-off shaft, and control means for regulating said control valve means and serving to actuate said brake release means as an incident to admittance of energizing fluid to the motor corresponding to said brake.

2,438,687
RAKER SHARPENING GAUGE
Jay C. Stone, Clayton, Wash.
Application May 24, 1946, Serial No. 672,036
3 Claims. (Cl. 76—46)



3. A device of the character described comprising a frame, front and rear cap plates projecting laterally of the frame, a bridge between the cap plates formed with a vertically extending bore, upper and lower side extensions for the frame having openings aligned with the bore, an adjusting screw extending vertically and rotatably mounted through the openings and having its upper portion threaded through the bore, a collar about said bolt removably secured thereon between the side extensions with its ends engaging the side extensions and preventing vertical movement of the bolt, the bolt when turned shifting the bridge to vertically adjusted positions, a nut threaded upon the bolt under the lower side extension for engaging the under face of the said lower side extension and securing the bolt in an adjusted position, a guide plate carried by said bridge and extending at a longitudinal incline between the cap plates, a swage carried by said guide plate and extending vertically in advance of the front end thereof, and means for mounting a file longitudinally of the frame under the guide plate and the cap plates.

2,438,688
LAP
Earl E. Swanson, North Hollywood, Calif., assignor to Ruth C. Swanson, North Hollywood, Calif.
Application September 11, 1945, Serial No. 615,647
3 Claims. (Cl. 51—184.2)



1. A lap of the character shown and described including a body the upper part of which constitutes the supporting shank and the lower part

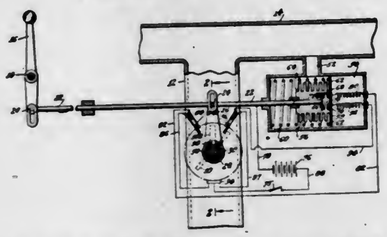
of which is hollow and constitutes the working body, the working body part being split longitudinally and also being cut circumferentially from said split in opposite directions therefrom for a part of the circumference of said hollow body and leaving the uncut portion as the supporting connection between the working body and the shank part of said body, and providing two wing portions to function as the work-portion of said work body.

2,438,689
CONTAINER AND CLOSURE THEREFOR
Arthur John Williams, Poole, and William Johnston Dyson, Bournemouth, England, assignors of one-third to The Wallis Tin Stamping Company Limited, Poole, England, a British company
Application February 8, 1946, Serial No. 646,292
In Great Britain January 22, 1945
Section 1, Public Law 690, August 8, 1946
Patent expires January 22, 1965
3 Claims. (Cl. 215—38)



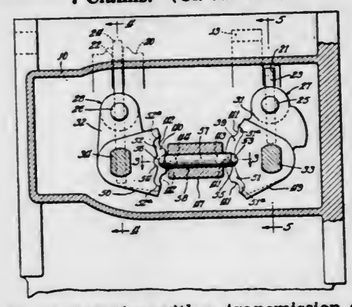
1. The combination of a container having an external flange around its mouth, which flange is circumferentially grooved between its lower edge and the top of the container, which groove is interrupted to provide a single abutment, of a two-part closure comprising an inner flanged metal cap to close the mouth of the container and reach down around the outside thereof, which cap flange is provided with two diametrically opposite extensions each reaching around about one-quarter of the circumference of the flange with its lower edge inwardly directed to clip into the groove in the container flange and hold the cap in sealing position and also to engage the said abutment when the extensions are in the groove, if the cap is rotated, and a removable metal band the edges of which are turned over on to the top of the said cap and under the flange on the container.

2,438,690
THROTTLE CONTROL SYSTEM
Douglas H. Andrews, Jr., West Hartford, and Donald E. Lipfert, Meriden, Conn., assignors, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn., a corporation of New Jersey
Application October 16, 1943, Serial No. 506,524
4 Claims. (Cl. 137—139)



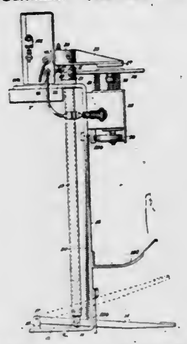
1. A throttle control system comprising, in combination, manual and electric means for moving said throttle to provide a desired manifold pressure, a single clutch member movable to interconnect either said manual moving means or said electric moving means with said throttle, said clutch being so constructed as to be effective upon disconnection of said electric moving means and connection of said manual moving means with said throttle for causing said manual moving means to indicate the position of said throttle.

2,438,691
TRANSMISSION CONTROL MECHANISM
Kenneth M. Armantrout, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application September 11, 1944, Serial No. 553,504
7 Claims. (Cl. 74—477)



1. In combination with a transmission assembly having a plurality of shiftable torque transmitting members, and separate cam elements carried by spaced rock shafts for shifting said members, the improvement comprising peripherally notched indexing sectors on said shafts in confronting edge relation to each other; peripherally notched interlock sectors on said shafts arranged in confronting edge relation to each other; an indexing poppet device between said shafts cooperating with the notched peripheries of said indexing sectors; and an interlock device between said shafts cooperating with the notched peripheries of said interlock sectors.

2,438,692
PNEUMATIC TORQUE MACHINE
Lewis C. Broecker, Nichols, Conn., assignor to Bridgeport Brass Company, Bridgeport, Conn., a corporation of Connecticut
Original application February 19, 1943, Serial No. 476,472. Divided and this application June 13, 1945, Serial No. 599,181
3 Claims. (Cl. 192—150)



1. In a fluid pressure-actuated device for uniformly tightening parts together on another part,

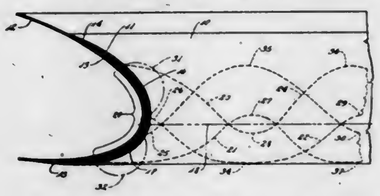
means for delivering actuating fluid under pressure to said device, valve means in conjunction with said fluid-delivering means, electrical means for operating said valve means, said electrical means including a solenoid for operating said valve and a switch for connecting said solenoid to a source of electrical power, a second solenoid, pressure-responsive electrical control means for connecting said second solenoid to said source of power, a movable member operated by said second solenoid and movable in response to the position of an element of one of said first-named parts, a second switch responsive to movement of said movable member, a third solenoid connected to said second switch and to said source of power and means coupling said third solenoid to said first-named switch to open and close the latter whereby said valve means will be actuated to cut off said fluid under pressure when a determined amount of tightening action has been effected by said device and said element has been moved to a determined position.

2,438,693

ICE REMOVING COVERING FOR AIRFOILS

Robert G. Campbell, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

Application March 17, 1944, Serial No. 526,866
6 Claims. (Cl. 244—134)



1. Apparatus for preventing the accumulation of ice on the leading edge of an airfoil, said apparatus comprising a covering for said leading edge comprising resilient rubber-like material having an inflatable tube extending along the covering and throughout the width of its bore diagonally across a substantially straight line along the covering with a portion of said tube throughout the width of its bore disposed entirely to one side of and spaced from said line and with another portion of said tube throughout the width of its bore disposed entirely to the other side of and spaced from said line, said covering being constructed and arranged to present upon inflation of said tube a distended surface of the covering substantially coextensive with the width of said tube throughout its extent.

2,438,694

MANUFACTURE OF PHENOLS

Charles Arthur Cross, Northwich, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application December 11, 1945, Serial No. 634,389. In Great Britain December 22, 1944
5 Claims. (Cl. 260—619)

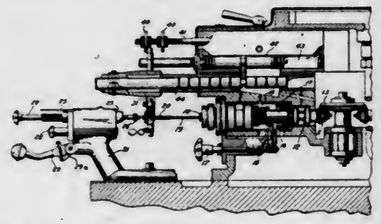
1. Process for the manufacture of phenols which comprises passing a vapour containing a volatile aromatic non-tertiary amine and a molecular excess of steam, the range being between 5 and 50 moles of steam per mole of amine, over alumina catalyst at a temperature exceeding 350° C., preferably 400°–550° C., and at substantially atmospheric pressure, and thereafter separating the phenol from the mixture produced.

2,438,695

HOLE LAPPING MACHINE

Alden M. Drake, West Hartford, Conn., assignor to Niles-Bement-Pond Company, West Hartford, Conn., a corporation of New Jersey

Application January 29, 1944, Serial No. 520,257
6 Claims. (Cl. 51—92)



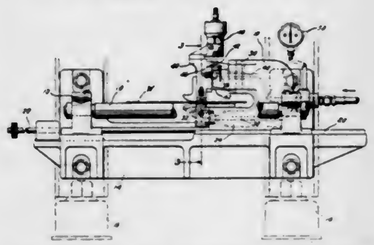
5. A lapping machine comprising in combination, a base having a lapping tool rotatable therein, a piston reciprocable in a direction parallel to the axis of rotation of said lapping tool, a holder comprising a clamping member engaging a work piece on said lapping tool, co-axial alined projections extending from opposite portions of said clamping member, a yoke member having recesses engaging said projections whereby said work piece may swivel about the axis of said projections, and a projection on said yoke member extending at right angles to the axis of said recesses whereby said work piece may be reciprocated over said lapping tool by said piston.

2,438,696

CONTINUOUS AIR GAGE

Raymond S. Fox and Charles A. Whitney, West Hartford, Conn., assignors to Niles-Bement-Pond Company, West Hartford, Conn., a corporation of New Jersey

Application November 21, 1945, Serial No. 630,052
5 Claims. (Cl. 73—37.5)



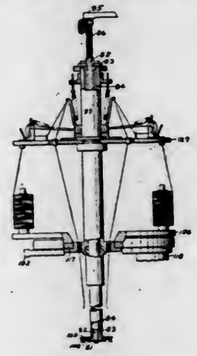
1. An air gage for continuously gaging strip material while in motion, comprising in combination, a guide roll over which the material being gaged passes, a nozzle disposed slightly below the plane of the material passing over said roll, a nozzle disposed slightly above the plane of the upper surface of said material, micrometer means to adjust said second nozzle toward and from the first nozzle, conduits for supplying air to said nozzles, and means to indicate the pressure within said conduits adjacent said nozzles.

2,438,697

KNITTING MACHINE

Oscar Fregeolle, Central Falls, R. I., assignor to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts

Original application October 18, 1944, Serial No. 559,136. Divided and this application September 12, 1945, Serial No. 615,808
3 Claims. (Cl. 66—135)



1. In a knitting machine having superposed, axially aligned, rotatable, needle cylinders, a wrap spindle projecting through the upper cylinder, a wrapping head on said spindle positioned at wrapping level with respect to needles knitting in the lower cylinder, means for moving said spindle and said head into wrapping position eccentric of said cylinders and for moving said spindle and said head into an idle position substantially concentric of said cylinders, a heel and toe pocket spreader concentric with and rotatable by said wrap spindle and vertically movable independently thereof and means for causing said spreader to engage the heel or toe pocket of a stocking being knitted when said wrap spindle is in its idle, substantially, concentric position.

3. In a knitting machine having superposed axially aligned needle cylinders, a wrap spindle eccentrically positioned with respect to the cylinders and having an integral head including a plurality of substantially identical flat fingers all extending radially in the same horizontal plane from a common hub and being in close adjacency throughout the periphery of the head, each of said fingers having a radially tapered form being relatively narrow at the inner end and wide at the outer end so that the adjacent sides of adjacent fingers are substantially parallel whereby selection of the desired fingers may be made by the breaking off of the remaining fingers at their narrow inner ends, and a yarn eyelet in the outer end of each finger.

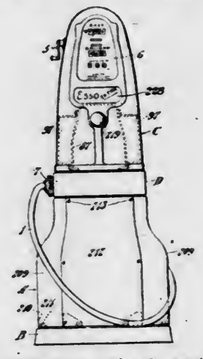
2,438,698

LIQUID DISPENSING APPARATUS

Alfred L. Grisé, Springfield, Mass., assignor to Gilbert & Barker Manufacturing Company, Springfield, Mass., a corporation of Massachusetts

Application July 26, 1944, Serial No. 546,642
13 Claims. (Cl. 222—23)

1. The combination in liquid measuring and dispensing apparatus, of a standard, a turret supported by the standard for rotation about a vertical axis, a register and a meter for driving the register both carried by the turret, liquid-supply means carried by the standard, connections between said means and meter including an interposed swivel enabling rotation of the meter with the turret, a hose reel fixed to said turret and held against rotation relatively to the turret, a discharge conduit for the meter including a flexible hose wound on said reel, said turret being



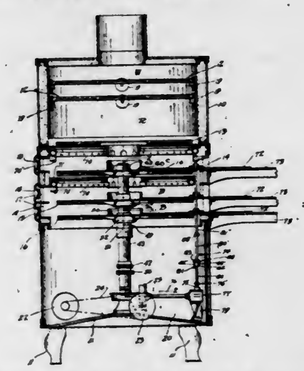
rotatable by pulling on the hose to unwind the hose from the reel and turn the register for convenient reading, and means automatically operable when the pull on the hose is released for returning the turret and register to initial position and for winding up the hose on the reel.

2,438,699

COOKER

Richard Groetchen, Chicago, Ill.

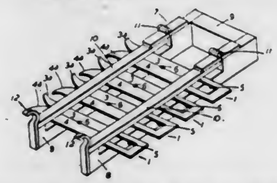
Application November 29, 1943, Serial No. 512,156
1 Claim. (Cl. 99—427)



In combination, a cooker having a burner element, a hollow column, a conical shaped collar fixed to said column, a grid plate having a conical shaped hub engageable with said collar and supported by said collar in spaced parallel relation with respect to the burner element, a shaft in the column and having an end portion extending exteriorly thereof, bearing means within said column for stabilizing said shaft, a conical shaped collar mounted on the exterior end of the shaft, a grid plate having a conical shaped hub engageable with said last named collar, driving means, and means connecting the driving means to the column and shaft for rotating the shaft and column simultaneously and at different speeds comprising a gear fixed to said column, a gear fixed to said shaft, and of a smaller gear

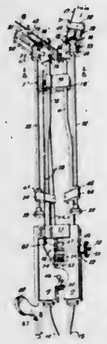
ratio than that of said first gear, and a pair of interconnected gears of different gear ratios operatively meshing with the said first and second gear.

2,438,700
WIPER OR DIE FOR USE IN THE COATING OF WIRES
Hugh Charles Hoban, Dartford, England, assignor to W. T. Henley's Telegraph Works Company Limited, Dorking, England, a British company
Application July 7, 1944, Serial No. 543,845
In Great Britain August 4, 1943
12 Claims. (Cl. 91—53)



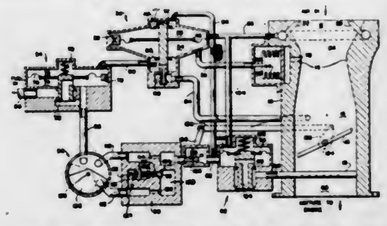
10. A wiping die for use with the application of enamels, lacquers or the like to wire, comprising a piece of sheet metal divided by a cut extending inwards from one edge of the piece to and beyond a hole forming the die aperture towards the opposite edge of the piece, into two limbs united by a body portion whose minimum dimension in the plane of the piece is at least several times as great as the thickness of the piece, whereby the two limbs are substantially incapable of relative elastic movement in the plane of the piece but are readily elastically deflected in opposite directions from the said plane to form a tapering opening leading to the die aperture.

2,438,701
ADJUSTABLE-ELECTRODE ARC WELDING TORCH
William C. Huguley, Belleville, N. J.
Application May 2, 1944, Serial No. 533,774
8 Claims. (Cl. 219—14)



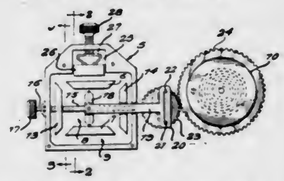
1. In an arc welding apparatus, a pair of conductors, handle members, means to secure said conductors to said handle members, means to slidably position electrodes in said conductors remote from said handle members, brackets fixed to said conductors, means to secure said electrodes to said brackets, and means carried by said conductors and adapted to engage the electrode securing means of said brackets to reciprocate the electrodes in said conductors.

2,438,702
CARBURETOR
Scott F. Hunt, Meriden, Conn., assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn., a corporation of New Jersey
Application October 26, 1944, Serial No. 560,435
9 Claims. (Cl. 261—41)



1. A fuel supply system for an internal combustion engine, comprising a fuel conduit, three parallel branch passages in said conduit, a metering restriction in each of said branch passages, means for controlling the fuel pressure differential across said branch passages to control the fuel flow therethru, valve means movable in an opening direction in response to said fuel pressure differential for controlling the area of the restriction in one of said passages, spring means associated with said valve means for applying thereto a force acting in a valve closing direction, manually operable valve means for opening and closing another of said passages, means for applying an additional force to said pressure responsive valve means, means for controlling said force applying means including an expansible chamber having a movable wall, means connecting the interior of said chamber to said other passage between said valve means and the restriction therein, said wall being moved to control the application and removal of said additional force from said pressure responsive valve means in response to changes in pressure in said chamber due to operation of said manual valve means and thereby to vary the resultant of the forces applied to said pressure responsive valve means so that it opens at different values of said fuel pressure differential, depending upon whether said manual valve means is open or closed.

2,438,703
SPEED REGULATOR
Paulo Kemeny, Sao Paulo, Brazil
Application July 3, 1946, Serial No. 681,324
In Brazil August 27, 1945
2 Claims. (Cl. 188—97)

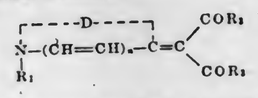


1. A speed regulator of the dash pot type, comprising an oil filled hollow casing, fixed partial partitions in the casing dividing the latter into a central pressure chamber and an oil space extending continuously about the top, bottom and ends of said pressure chamber, valve heads movable in said oil space toward and from the ends of said partial partitions to adjustably restrict

passage of oil into and out of opposite ends of the pressure chamber, manually operable means to similarly and simultaneously adjust said valve heads toward or from said partial partitions, and a piston plate reciprocable in said pressure chamber and having a piston rod projecting outwardly of the casing for operative connection with the part whose speed is to be controlled.

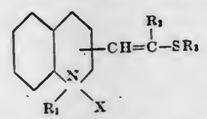
2,438,704
ORGANIC COMPOUNDS SERVING AS CYANINE DYESTUFF INTERMEDIATES
John David Kendall, Henry Walter Wood, and John Raymond Majer, Ilford, England, assignors to Ilford Limited, Ilford, Essex, England, a British company
No Drawing. Application October 8, 1942, Serial No. 461,323. In Great Britain November 6, 1941
16 Claims. (Cl. 260—240)

1. A process for the production of dyestuff intermediates which comprises reacting a compound of the general formula:



where D is the residue of a heterocyclic nitrogen compound of the type used in cyanine dyes, R_1 is selected from the class consisting of alkyl and aralkyl groups, R_2 and R_3 are hydrocarbon groups, and n is selected from the class consisting of nought and 1 with a substance selected from the class consisting of alkyl and aralkyl mercaptans, in the presence of a strong acid.

16. A compound of the following formula:

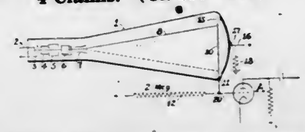


wherein R_1 represents alkyl, R_2 represents a hydrocarbon group, R_3 represents an alkyl group, and X represents an anion and the trivalent acyclic carbon atom is attached to a carbon atom of the hetero ring in a position taken from the group consisting of alpha and gamma positions to the nitrogen atom.

2,438,705
CYANINE DYESTUFF INTERMEDIATES
John David Kendall, Ilford, England, assignor to Ilford Limited, Ilford, England, a British company
No Drawing. Application February 24, 1943, Serial No. 476,911. In Great Britain March 2, 1942
5 Claims. (Cl. 260—240)

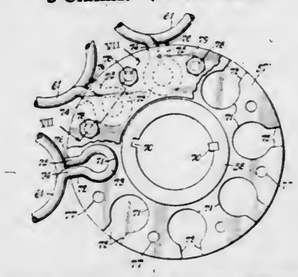
1. Process for the production of dyestuff intermediates which comprises condensing a salt taken from the group consisting of alkyl and aralkyl p-toluene sulphonate quaternary salts of a heterocyclic nitrogen compound of the type used in cyanine dyes containing a reactive methylene group in the alpha or gamma position to the heterocyclic quaternary nitrogen atom with an ester of trithio-orthoformic acid, the condensation being effected in the presence of a non-basic, non-hydrolytic solvent for the reactants but in the absence of a basic condensing agent.

2,438,706
PULSE GENERATOR
Walter A. Knoop, Jr., Packanack Lake, N. J., assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J., a corporation of Delaware
Application December 27, 1943, Serial No. 515,675
4 Claims. (Cl. 250—164)



1. A device for generating electrical pulses which comprises a cathode-ray tube having a layer of positively charged conducting material on the inside face thereof connected to ground through a resistance, a wire in said tube in front of said layer extending outside of said tube and connected to a source of positive potential and means to cause the beam of said tube to turn and strike said wire twice per revolution of said beam.

2,438,707
ROTARY TILLER TOOTH AND MOUNTING
Roy A. Kropp, River Forest, Ill., assignor to Kropp Forge Company, Cicero, Ill., a corporation of Illinois
Application April 13, 1944, Serial No. 530,797
3 Claims. (Cl. 97—216)



1. A tiller comprising a hub having a radial plate portion of circular contour with recesses on one side communicating with the periphery thereof, said recesses having circular portions and restricted throat portions adjacent the periphery, tines having loops with constricted shanks seated in the recesses and throat portions, and means secured against the plate over the recesses and loops to prevent displacement of the tines and loops laterally from the recesses.

2,438,708
CRYSTAL HOLDER
Walter E. Kuenstler, Cliffside Park, N. J.
Application September 14, 1945, Serial No. 616,287
13 Claims. (Cl. 171—327)



7. A crystal holder comprising, a frame of insulating material provided with an aperture extending through it, a crystal located in said aper-

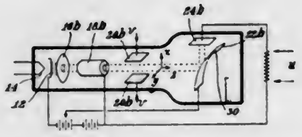
ture, a cupped metallic cover member extending over each face of the frame whereby the frame and the crystal within the same are sandwiched between the cover members, the frame being indented and the cover members having indented portions engaging with the indentations in the frame to thereby secure the cover members to the frame, said cover members being maintained in spaced relation by means of the frame interposed between them, one of the cover members being electrically connected to a face of the crystal and the second cover member being electrically connected to the second face of the crystal.

2,438,709

THERMIONIC TUBE HAVING SECONDARY ELECTRON EMISSIVE ELECTRODE WITH SURFACE AND FORM VARIATIONS

Edouard Labin and Manuel Julio Kobilsky, Buenos Aires, Argentina, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee

Application August 6, 1942, Serial No. 453,890
8 Claims. (Cl. 315—12)



1. A thermionic tube having a response characteristic adapted to produce an output voltage proportional to a predetermined mathematical function of an electrical quantity impressed on the tube as a control factor, comprising a source of an electron beam, a non-accelerating control means positioned in operative relationship with respect to said beam for deflecting the said beam, a response forming system arranged remote from said source and in the path of the electron beam and comprising a secondary-electron emissive electrode having a geometrical configuration and surface variations producing in combination an emission response variable over the surface of the electrode and adapted to produce an issuing electronic current variable in magnitude substantially proportional to the position of the point of impact of the electron beam on the surface of the electrode, and a collector electrode arranged adjacent to said response forming system and between the said source and the secondary-electron emissive electrode for collecting secondary emissive electrons from said emissive electrode to produce an output voltage substantially proportional to the said predetermined function of the said electrical quantity impressed as a control factor.

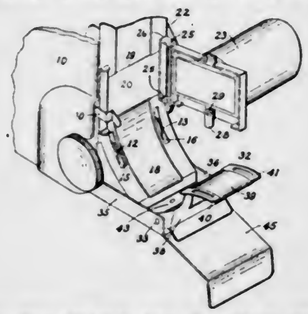
2,438,710

FILM GATE

Robert H. Larson, Batavia, Ill.

Application October 7, 1946, Serial No. 701,783
9 Claims. (Cl. 88—17)

1. A film gate construction comprising a film gate proper, a lens barrel, means for pivotally mounting said barrel at said gate, said barrel being movable on its pivot to open and close said gate, a film guide adjacent one end of said gate along the line of film travel, means adjacent said guide for moving said film through said gate, a film retainer for holding film in position against said guide, means for pivotally mounting said retainer for movement to an open or closed position, and means for preventing the closure of said film retainer while said lens barrel is in a closed



position, said retainer and lens barrel being successively movable to closed positions.

2,438,711

SHOE WITH DETACHABLE UPPER

Raymond A. Leach and Geraldine M. Leach, Los Angeles, Calif.

Application March 2, 1945, Serial No. 580,522
1 Claim. (Cl. 36—2.5)



A shoe comprising a sole and heel tread-forming portion, a toe box fixed on the forepart of said tread-forming portion, a heel counter fixed upon the rear part of the tread-forming portion, a flexible upper adapted to be received about said toe box and heel counter and to enclose the foot of the wearer therein, the end portions of said upper having their transverse edges disposed to assume spaced apart parallel positions at the rear of the heel counter and having rows of openings adjacent said transverse edges, coacting loops formed on the bottom longitudinal edge of said cover and the upper perimeter of the tread-forming portion, and a lacing element adapted to be laced through said coacting loops and the respective rows of openings in the end of said upper to detachably connect the cover with the tread-forming portion and adjustably connect the ends of the upper for maintaining the upper in smoothly drawn condition upon the toe box, the heel counter, and the foot of the wearer.

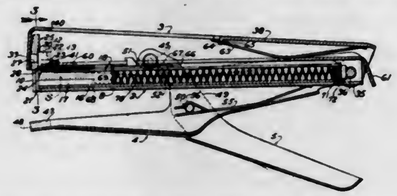
2,438,712

FASTENER-APPLYING IMPLEMENT

Charles M. Lindstrom, Westerly, R. I., assignor to Boston Wire Stitcher Company, Stonington, Conn., a corporation of Maine

Original application March 29, 1945, Serial No. 585,486. Divided and this application January 31, 1947, Serial No. 725,522
6 Claims. (Cl. 1—49)

1. A fastener applying implement comprising a magazine for containing a supply of fasteners having crowned crossbars, means to support the fasteners in the magazine, a rest for supporting a fastener below its normal position in the magazine at the forward end thereof to hold it in reserve position, fixed hold-down means engageable across the ends of a fastener on the rest to prevent it from rising up therefrom, a reciprocable driver slidable across the front of the magazine and having a portion engageable with a fastener to carry it down onto the rest, straighten its crowned crossbar and position the ends there-



of beneath the hold-down means, and resiliently-operated means for feeding the fasteners forwardly to position the foremost one beneath the driver and cause it to be forced down onto the rest, said feeding means operative thereafter to advance the reserve fastener into position to be driven into the work at a subsequent stroke of the driver.

2,438,713

FASTENER-APPLYING IMPLEMENT

Arthur H. Maynard, Warwick, R. I., assignor to Boston Wire Stitcher Company, Warwick, R. I., a corporation of Maine

Application February 26, 1946, Serial No. 650,190
14 Claims. (Cl. 1—3)



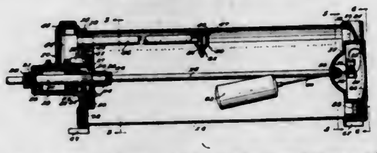
1. In a device of the type indicated, an open-top magazine for containing a supply of fasteners, said magazine formed with a throat through which the fasteners may be driven, a driver slidable in the throat in the magazine and normally releasable therefrom, means for limiting the extent of sliding movement of the driver to prevent its release from the throat in the magazine, a lever for reciprocating the driver, said lever constituted as a cover for closing the top of the magazine, and manually-operable means for releasably connecting said lever to said driver, said manually-operable means being releasable to adapt the lever to be lifted above the magazine to open the latter for loading it with fasteners.

2,438,714

CARBONATOR

James O. McMillan, Wichita, Kans., assignor to Frank J. Ablah, Wichita, Kans.

Application September 9, 1946, Serial No. 695,647
12 Claims. (Cl. 261—84)



1. A motor driven carbonator unit comprising an elongated cylinder, a housing supporting one end of the cylinder, an inlet for carbon dioxide gas in said housing, a water inlet in said housing, a rotary pump in said housing for delivering water from said inlet into said cylinder, a second housing supporting the other end of the cylinder, and water level control means supported by the second housing.

2,438,715

PURIFICATION OF DEHYDROCORTICOSTERONE ACETATE

Stewart M. Miller and Jacob van de Kamp, Westfield, N. J., assignors to Merck & Co., Inc., Rahway, N. J., a corporation of New Jersey

No Drawing. Application April 13, 1946, Serial No. 662,105
2 Claims. (Cl. 260—397.4)

1. The process of securing dehydrocorticosterone acetate, which comprises: treating a reaction product containing dehydrocorticosterone acetate in order to remove water-soluble basic and acidic impurities present therein; concentrating the resulting crude partly purified neutral residue; dissolving the crude residue in benzene; adding ether thereto in order to precipitate the higher molecular weight condensation products and complexes present as impurities therein; removing said higher molecular weight condensation products and complexes; evaporating the resulting solution containing dehydrocorticosterone acetate in substantially purified form to dryness; removing oily and tarry impurities present therein by washing the residue first with ether, and then with a mixture of acetone and ether; adsorbing colored impurities present therein by treating an ether-chloroform solution of said purified products on activated alumina; and crystallizing said product in the form of pure white crystals of dehydrocorticosterone acetate.

2,438,716

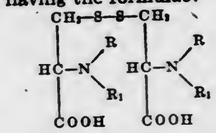
STABILIZED SILVER HALIDE EMULSIONS

Fritz W. H. Mueller, Binghamton, N. Y., assignor to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware

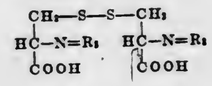
No Drawing. Application October 6, 1944, Serial No. 557,546
5 Claims. (Cl. 95—7)

1. A photographic material comprising a silver halide gelatin emulsion in contact with a member of the group consisting of a sulfinic acid, a seleninic acid and their salts, and a cystine compound selected from the group consisting of such compounds having the formulae:

I.

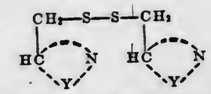


II.



and

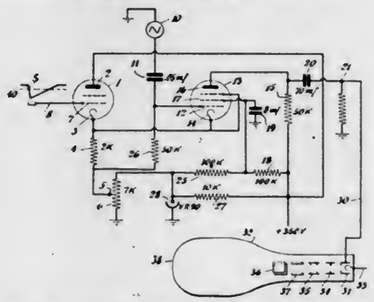
III.



wherein R stands for a member of the group consisting of hydrogen and alkyl; R_1 stands for a member of the group consisting of hydrogen, acetyl, benzoyl, brom-propionyl, chloroacetyl,

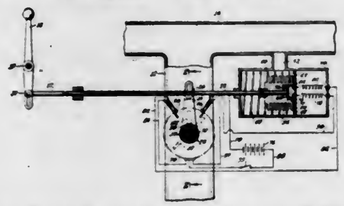
carbaminyl, phenylacetyl, α-amino propionyl, carbo-benzoxy, benzo-sulfonyl, and guanyl radicals; R_3 stands for a member of the group consisting of benzylidene and substituted benzylidene radicals; and Y represents the atoms necessary to complete a heterocyclic ring system, in the proportion of from 0.00025 to 0.0050 mol of the member of the last named group to one mol of the member of the first named group.

2,438,717
BEAM SWITCH FOR SINGLE TRACE OBSERVANCE
Charles Puckette, Jr., Ridgewood, N. J., assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J., a corporation of Delaware
Application May 28, 1943, Serial No. 488,936
3 Claims. (Cl. 315—22)



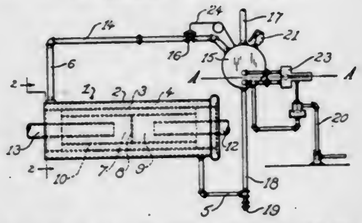
1. A device for producing upon the screen of a cathode-ray tube a series of dots, which comprises a vacuum tube to the control grid of which a sawtooth wave of potential is applied, another vacuum tube having its cathode directly connected to the cathode of said first named vacuum tube, an adjustable resistor between the cathodes of said tubes and ground and a source of potential of higher frequency than said sawtooth wave connected to the control grid of said other vacuum tube, another resistor, a source of positive potential connected through said last named resistor to the plate of said second named vacuum tube and to the ungrounded end of said adjustable resistor, and a condenser coupling said plate to the control grid of said cathode-ray tube.

2,438,718
THROTTLE CONTROL SYSTEM
Donald E. Lipfert, Meriden, Conn., assignor, by mesne assignments, to Niles-Bement-Pond Company, West Hartford, Conn., a corporation of New Jersey
Application October 16, 1943, Serial No. 506,523
11 Claims. (Cl. 137—139)



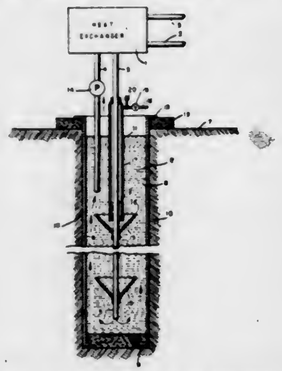
1. A throttle control system comprising manual means for causing said throttle to be moved to provide a desired manifold pressure, power means for moving said throttle, a clutch member movable to interconnect either said manual moving means or said power means with said throttle, and means responsive to changes in the manifold pressure for controlling said movements of the clutch.

2,438,719
AUTOMATIC CONTROL FOR WASTE HEAT UTILIZERS
Felix Saco, Jr., West Hartford, and William R. Williamson, Hartford, Conn., assignors to The Maxim Silencer Company, Hartford, Conn., a corporation of Connecticut
Continuation of application Serial No. 426,868, January 15, 1942. This application June 19, 1944, Serial No. 541,036
11 Claims. (Cl. 122—456)



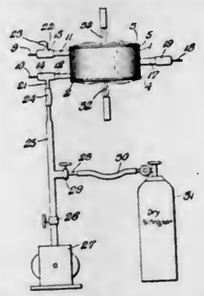
1. A waste heat utilizer having a water jacketed shell and conduits for conducting exhaust gases in heat transferring contact with the shell, and an automatic control for regulating the amount of heat utilized, said control comprising a water drum connected at its bottom to a low point of said jacket and near its top to a high point of the jacket, said latter connection having a pressure reducing valve therein responsive to steam pressure in the top of the drum, and means to conduct steam from the drum.

2,438,720
DEEP WELL CIRCUIT FOR HEAT PUMPS
Marvin M. Smith, Muncie, Ind., assignor to Muncie Gear Works, Inc., Muncie, Ind., a corporation of Indiana
Application February 19, 1947, Serial No. 729,521
2 Claims. (Cl. 62—129)



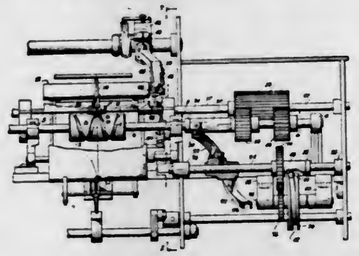
1. In a heat pump, a well bore subject to subterranean temperature and containing a fluid heat-conveying agent, a heat conducting casing defining said well bore, a pipe extending downward within said well bore and communicating therewith near the bottom thereof, and baffle means carried by said pipe at its lower part to direct an upward current of said fluid heat conveying agent toward and along the walls of said casing, said pipe being insulated against direct transfer of heat between it and the water in the upper portion of said casing.

2,438,721
METHOD OF SEALING ELECTRICAL DISCHARGE TUBES
Percy L. Spencer, West Newton, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application December 4, 1941, Serial No. 421,668
4 Claims. (Cl. 113—112)



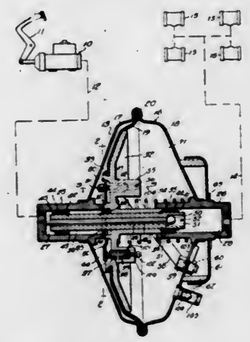
3. The method of sealing an electrical discharge tube having a plurality of component copper-containing parts which are to be sealed together, said method comprising soldering said parts together at a soldering temperature above about 300° C. while maintaining in said tube an atmosphere of nitrogen, cooling said parts below said soldering temperature, and exhausting said tube before said parts have fallen to a temperature of about 300° C.

2,438,722
YARN WINDING MACHINE
Ferdinand F. Stange, Westfield, Mass., assignor to Foster Machine Company, Westfield, Mass., a corporation of Massachusetts
Application January 16, 1945, Serial No. 573,061
37 Claims. (Cl. 242—43)



1. A yarn winding machine for winding a package which gradually tapers toward its ends, comprising a yarn guide, traversing means for moving said yarn guide back and forth, having a stroke less than the overall length of the yarn package, a first auxiliary means for moving said traversing means in a direction longitudinally of the package for increasing the travel of the yarn guide, and a second auxiliary means acting on said first auxiliary means for continuously varying the effect of the first auxiliary means on said traversing means.

2,438,723
HYDRAULIC BRAKE MECHANISM
William Stelzer, Summit, N. J.
Application October 12, 1944, Serial No. 558,407
10 Claims. (Cl. 60—54.5)

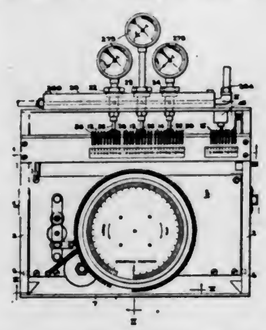


1. An operating mechanism for a hydraulic vehicle brake system having wheel cylinders to apply the brakes and a pedal-controlled master cylinder, a booster unit connected between the master cylinder and the wheel cylinders and comprising a fluid pressure motor having a pressure responsive unit therein dividing it into chambers and operative for boosting the pressure transmitted to the wheel cylinders upon energization of said motor, a pair of valves for controlling pressures in one of said chambers relative to the other, a member movable by fluid displaced from the master cylinder, a lever engageable with said fluid responsive member, said lever being fulcrumed between its point of engagement with said fluid responsive member and one end of said lever, and motion transmitting connections between said end of said lever and the respective valves, one of said motion transmitting connections being adjustable relative to said lever to vary the point of opening of its associated valve relative to the point of closing of the other valve.

2,438,724
TIME CYCLE CONTROLLER
Eugene B. Sutherland, Akron, Ohio, assignor to Seely Instrument Co., Inc., Akron, Ohio
Application June 26, 1945, Serial No. 601,579
13 Claims. (Cl. 192—139)

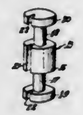
1. In a time cycle controller including a pilot control device, a time control wheel, means operable to partially rotate said wheel intermittently at equal time intervals, a feeler device, means driving said feeler device to advance toward said wheel subsequent to each rotation of the latter and to retreat relative to said wheel prior to the next rotation thereof, said wheel having key means slidable thereon and adapted to be radially displaced thereon so as to present differently dimensioned abutment means thereon into registry with said feeler device whereby to limit the degree of advancement of said feeler device to either first or second positions of advancement,

and control means operably connected to said feeler device for actuation of said pilot control



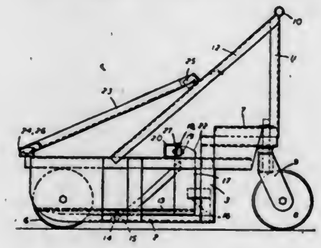
device only upon advancement of said feeler device to said second position.

2,438,725
DENTAL INLAY
Abraham H. Tamarin, Chicago, Ill.
Application April 30, 1945, Serial No. 590,996
2 Claims. (Cl. 32—12)



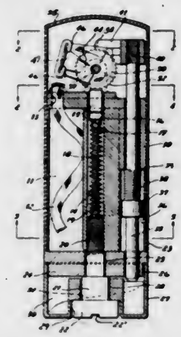
1. A dental anchor comprising a cylindrical portion formed with pins longitudinally extending from the center thereof, and provided with heads at the free end, said cylindrical portion and heads being provided with a peripheral groove parallel to the longitudinal axis to provide a channel.

2,438,726
HAND TRUCK FOR HEAVY ARTICLES
Wilfred Randall Theg, Glasgow, Scotland
Application August 21, 1945, Serial No. 611,746
In Great Britain March 17, 1944
5 Claims. (Cl. 214—85)



1. A hand truck for heavy articles comprising a wheeled frame including a hand frame by which the truck can be pushed and pulled by a worker, a low level platform mounted in said wheeled frame to pivot about a cross axis between a normal position and a tipped position in which the platform inclines downwards and forwards to about ground level, said platform extending rearwards so that it can be controllingly pressed upon by a foot of the worker holding said hand frame, locking means on said wheeled frame and platform for holding the platform in the normal position and control means for said locking means extending to said hand frame for operation there by a hand of said worker.

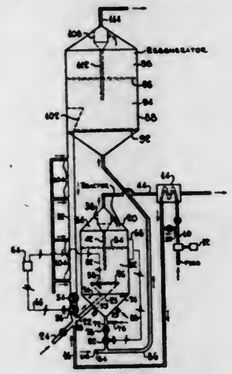
2,438,727
AUTOMATIC LIGHTER
Bernard Troubh, Portland, Maine
Application May 21, 1945, Serial No. 594,968
3 Claims. (Cl. 67—7.1)



1. A pocket lighter including a body, a fluid reservoir in said body, a flint and steel igniter secured upon one end of said body, a wick associated with said reservoir and extending into proximity to said flint and steel, an axial, internally screw threaded bore in said body, a second bore in said body, a flint and steel actuating rod being reciprocable in said second bore, a sleeve upon the other end of said body, said sleeve constituting a closure for said reservoir and having apertures aligned with said body bores, and a cover rotatably journaled on said sleeve, said cover having a cam groove for reciprocating said rod and having an axial aperture, and a single fastening means extending through said cover, said sleeve and engaging said threaded bore.

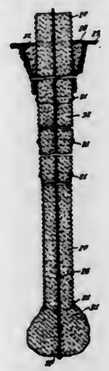
2,438,728
TEMPERATURE CONTROL IN FLUIDIZED CATALYST SYSTEMS
Charles W. Tyson, Summit, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application June 10, 1944, Serial No. 539,705
17 Claims. (Cl. 196—52)

1. In a catalytic conversion process wherein a reactant at a substantially constant rate and at a substantially constant temperature is introduced into a conversion zone and a regenerating gas is introduced into a regeneration zone and constant operating conditions are to be maintained in the conversion zone and contaminated catalyst particles from the conversion zone are withdrawn from the bottom portion of said conversion zone and are passed to a spent catalyst standpipe extending downwardly from said conversion zone and provided with a control valve and the particles are then regenerated in a regeneration zone and the catalyst particles at a temperature above conversion temperature are passed to a regenerated catalyst standpipe having a control valve, the improvement which comprises maintaining the temperature in the conversion zone substantially constant by controlling the amount of hot regenerated catalyst passing from said regenerated catalyst standpipe to said conversion zone to compensate for undesired



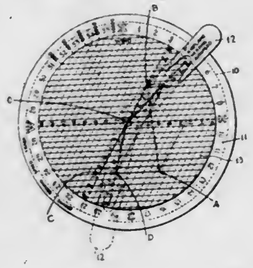
changes in the temperature in said conversion zone while maintaining a substantially constant amount of catalyst in said conversion zone by controlling separately the amount of spent catalyst withdrawn from said spent catalyst standpipe.

2,438,729
CONCRETE PILE WITH BULB AT LOWER END
Maxwell M. Upson, Englewood, and Elihu D. Watt, Plainfield, N. J., assignors to Raymond Concrete Pile Company, New York, N. Y., a corporation of New Jersey
Application September 5, 1945, Serial No. 614,460
9 Claims. (Cl. 61—57)



1. A concrete pile, comprising a superstructure including a shell constructed and arranged to be driven into the ground and to remain in intimate contact with the ground at the position to which it is driven, and including a concrete column formed in situ and filling the inside of said shell and in intimate contact therewith substantially throughout its length; an enlarged concrete bulb on the end of said column beneath said shell formed in situ and integral with the lower end of said column; and an anchoring device including a member engaging the lower end of said bulb and a connecting member embedded in said bulb and secured to said superstructure for anchoring aforesaid parts of the pile together.

2,438,730
COMPUTING DEVICE
Michael Watter, Philadelphia, Pa.
Application November 14, 1944, Serial No. 563,343
6 Claims. (Cl. 235—61)

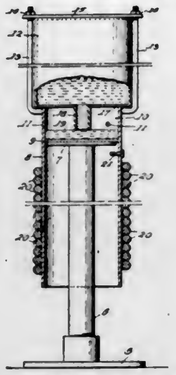


4. A computing device comprising in combination, a flat circular sheet compass rose disk having compass points in degrees marked around the outer edge, a center post on said disk, a first upper flat circular sheet disk mounted upon the center post to turn about the axis of the compass rose disk, said first upper disk having a scaled diametral base line and a plurality of parallel lines equally spaced to the same scale as said base line, said first upper disk being of a larger diameter than the compass rose disk and being transparent at least in that portion which overlies the edge markings on the compass rose disk, a flat sheet arm mounted upon the center post to turn about the axis of said compass rose disk, said arm having a base line scaled the same as that of the first upper disk, said arm being transparent above the markings of the disks therebelow and being of greater radius to provide an outwardly protruding tip, and a second upper flat circular sheet disk mounted to turn about said center post, said second upper disk having a diameter base line and a plurality of parallel lines equally spaced to the same scale as those of the lower disks, said second upper disk being transparent and of smaller diameter than the first upper disk.

2,438,731
STOCK OILER
Lorenz A. Wedeking, Clear Lake, Iowa, assignor, by direct and mesne assignments, to The Lake Manufacturing Company, Inc., Clear Lake, Iowa, a corporation of Iowa
Application January 2, 1946, Serial No. 638,647
7 Claims. (Cl. 119—157)

1. A stock oiler comprising a normally upright rubbing member and means for tiltably supporting the same, said member having an oil chamber in its upper end and an oil discharge opening from said chamber to its periphery, said oil discharge opening being spaced upwardly from the bottom of said oil chamber, and an oil tank rigidly carried by said upper end of said member and closing the upper end of said oil chamber, said oil tank having a discharge nipple extending into said oil chamber, the lower end of said nipple being below said oil discharge opening, said oil

tank being airtight except for said nipple, whereby the oil in said chamber will form a liquid seal



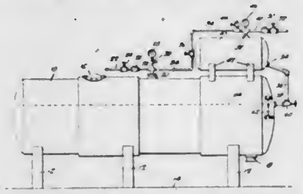
for said nipple until said member is tilted and oil discharges from said oil discharge opening.

2,438,732
ELECTRON TUBE CATHODE
Paul D. Williams, Palo Alto, Calif., assignor to Eitel-McCullough, Inc., San Bruno, Calif., a corporation of California
Application March 15, 1947, Serial No. 734,923
5 Claims. (Cl. 250—27.5)



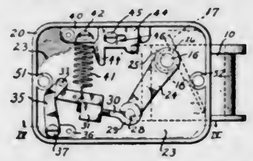
1. A cathode for an electron tube comprising a body of sintered thorium oxide, and a metallic carbide incorporated in the cathode.

2,438,733
AUTOMATIC WATER LEVEL CONTROL
Robert Parzilla Yorke, New Orleans, La.
Application January 29, 1944, Serial No. 520,290
1 Claim. (Cl. 137—68)



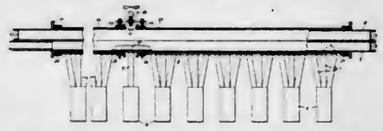
In a water pressure system of the type described the combination of a water supply tank, having a discharge outlet on the bottom of and adjacent one end thereof, an air inlet fitting on the top thereof having communication with said supply tank, a line connecting said fitting to a source of pressure, a globe valve interposed in said line, remote from said fitting a check valve interposed in said line intermediate said fitting and said globe valve, both valves being located in the line in advance of said fitting, a pressure gauge connected to said fitting, a petcock located intermediate said gauge and said fitting an auxiliary water feed tank mounted on said water supply tank above the normal level of the water supply tank, an air inlet fitting on the top of said auxiliary tank, a line connecting the fitting on the water supply tank with the fitting on the auxiliary tank, a valve interposed in said line between the fitting on the water supply tank and exhaust valve interposed in the line adjacent the fitting on the auxiliary feed tank, a pressure gauge mounted on the fitting on the auxiliary feed tank, a water supply line connected to the fitting on the auxiliary feed tank, a check valve and globe valve interposed in said supply line in advance of said fitting a conduit placing said auxiliary water feed tank in communication with said water supply tank at a point located at the normal water level to be maintained in the water supply tank and a valve interposed in said conduit intermediate said tanks.

2,438,734
GOVERNOR
Frank A. Zimmerman, Oak Park, Ill.
Application April 6, 1946, Serial No. 660,177
4 Claims. (Cl. 137—153)



1. In a governor for controlling the valve in the intake manifold of an internal combustion engine, a linkage for moving the valve, a fixed casing providing a spring anchor, a helical spring having one end secured to said anchor and the other end to said linkage, said anchor being disposed relative to the path of said linkage so that said spring is elongated and angularly shifted by movement of said linkage in one direction, and means adjustably mounted on said casing in the path of angular movement of said spring so as to be laterally contacted by said spring, whereby the resistance of said spring to the movement of said linkage in said direction may be selectively increased as a function of the position of said last mentioned means.

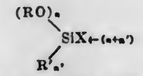
2,438,735
HIGH-FREQUENCY WAVE TRANSMITTING APPARATUS
Ernst F. W. Alexanderson, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application October 2, 1944, Serial No. 556,865
14 Claims. (Cl. 250—33.63)



11. An apparatus for transmitting high frequency electric energy comprising a wave guide of the hollow pipe type, means for supplying high frequency wave energy to said guide and for maintaining a continuous traveling wave of energy therein, said guide having a series of energy radiating openings arranged therein longitudinally thereof and spaced at distances corresponding to predetermined equal phase intervals of the wave energy in said guide, and commutating means arranged selectively and progressively to change the amount of radiation of energy from each of said openings for producing a beam of radfation and for angularly changing the direction of radiation of the beam to sweep the beam back and forth along a predetermined line.

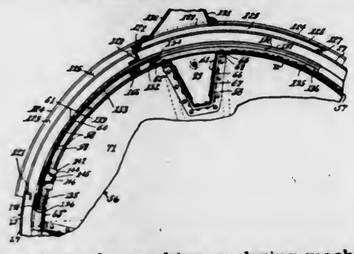
2,438,736
HIGHER ALKOXY-SILICON HALIDES
Arthur J. Barry, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Delaware
No Drawing. Original application December 10, 1943, Serial No. 513,745. Divided and this application January 31, 1946, Serial No. 644,653
12 Claims. (Cl. 260—462)

1. An organosilicon compound having the general formula:



wherein each R represents a hydrocarbon radical selected from the class consisting of alkyl radicals and aromatic hydrocarbon radicals of the benzene series and at least one R is an alkyl radical containing at least 8 carbon atoms, R′ represents a monovalent hydrocarbon radical selected from the class consisting of alkyl radicals and aromatic hydrocarbon radicals of the benzene series, X represents a halogen, and n and n' are whole numbers having a sum not greater than 3, n being a number from 1 to 3 and n' being a number from 0 to 2.

2,438,737
TUMBLING DRUM FOR LAUNDRY MACHINES
Charles C. Batina, Chicago, Ill.
Application October 8, 1941, Serial No. 414,075
6 Claims. (Cl. 68—143)

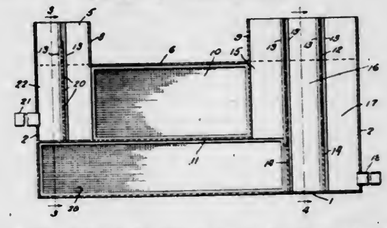


6. In a drum for washing or drying machines, end discs, a plurality of trough-shaped inwardly projecting ribs extending longitudinally between said discs and having outwardly turned flanges on their longitudinal edges, said discs having inturned segmental flanges fitting between and abutting the adjacent edges of the rib flanges, and side walls consisting of plates having their longitudinal edges overlapping and secured to the rib flanges and their ends overlying and secured to said segmental flanges of the end discs.

2,438,738
CARROTING REAGENTS AND PROCESS
Albert Frank Bowles, Naugatuck, Conn., and Anthony J. Keegel, Jersey City, N. J., assignors to Trinity Holding Corporation, Beacon Falls, Conn., a corporation of Connecticut
No Drawing. Application February 19, 1947, Serial No. 729,662
8 Claims. (Cl. 8—112)

1. The process of carroting fur fibers employing a medium comprising a nitric acid solution and hydrogen peroxide, the improvement comprising treating said fibers with said medium containing soluble salts of the two radioactive metals, uranium and thorium, a soluble salt of strontium, said three salts being present in such proportion that the average atomic weight of the three metals is in the range of 195–220, a hydrolyzing agent consisting of hydrochloric and sulfuric acid and acetic acid and a soluble potassium salt.

2,438,739
BAIT TANK
Walter Hart Burruss, Astoria, Oreg., assignor to Columbia River Packers Association, Inc., Astoria, Oreg.
Application May 21, 1945, Serial No. 594,920
6 Claims. (Cl. 43—56)



1. Live bait box comprising a bait compartment, an auxiliary water supply compartment, a screened passage from the bottom level of the supply compartment to the bait compartment, an auxiliary water exhaust compartment, and a screened passage from the upper level of the bait compartment to the exhaust compartment, the screened inlet passage to the bait compartment being positioned immediately below the screened outlet passage from the bait compartment.

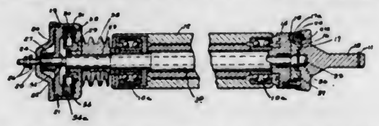
2,438,740
METHOD OF PROTECTING THE SURFACE OF ARTICLES FORMED FROM A MAGNESIUM ALLOY
Charles William Clark, Westmount, Quebec, and Warren Arthur Sheaffer, Montreal, Quebec, Canada, assignors to Canadian Copper Refiners Limited, Montreal East, Quebec, Canada, a body corporate
No Drawing. Application March 27, 1944, Serial No. 528.360
4 Claims. (Cl. 148—6.24)

1. The method of forming a selenium-containing protective coating on an article, which is composed principally at least of magnesium, comprising the steps of cleaning the surfaces of the article to be coated, preparing an immersing solution in the following proportions: dissolving 20 grams of selenium dioxide in water, separately dissolving 10 grams of potassium permanganate in water, mixing the solutions thus made, diluting the mixed solutions to a total volume of 1 liter, and filtering off any precipitate formed to leave the filtrate as an immersing solution, and immersing the article in a solution as thus prepared while the solution is at a temperature of about 90° C. to its boiling point and for a period of about 5 to 15 minutes.

2,438,741
RETRACTABLE BORING TOOL ASSEMBLY
Walter Coulson, Detroit, Mich., assignor to Ex-Cell-O Corporation, Detroit, Mich., a corporation of Michigan
Application September 27, 1945, Serial No. 618,935
8 Claims. (Cl. 77—58)

1. In a retractive boring tool assembly, the combination of a rotatable spindle having a cutter

element mounted thereon for limited radial movement between a laterally projected working position and a retracted idle position, biasing means for yieldably urging said element into idle position, an actuating piston operable upon movement thereof to shift said element to working po-



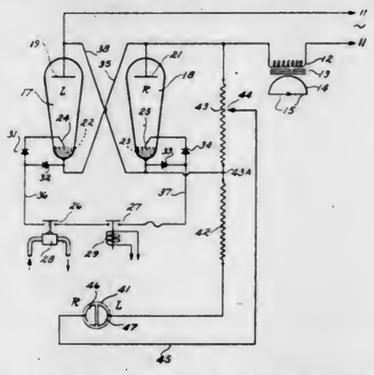
sition against the urging of said biasing means, means for confining a body of fluent material in operative relation with said piston, and means connecting said confining means with said spindle for rotation therewith to generate in the contained body of fluent material by centrifugal force a pressure effective to shift said piston.

2,438,742

IGNITRON WELDING CONTROL

Cecil Farrow, Bainbridge Township, Geauga County, Ohio, assignor to Republic Steel Corporation, Cleveland, Ohio, a corporation of New Jersey

Application August 9, 1945, Serial No. 609,780
7 Claims. (Cl. 177—311)



1. A fault indicator for an ignitron welding control of the type having two ignitron tubes connected in parallel with opposite polarities in a welding-current supply circuit, said indicator comprising a gaseous discharge glow lamp having a pair of substantially similar electrodes, an impedance connecting said glow lamp across said ignitron tubes, and means for adjusting the voltage applied to the glow lamp to such a value as to cause the glow lamp to become illuminated only when substantially the full voltage of the supply circuit is present across the ignitron tubes, and one or the other of said electrodes has the glow adjacent to it according to which of said ignitron tubes fails to conduct current.

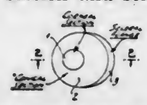
2,438,743

TANGENT CONE CONTACT LENS

William Feinbloom, New York, N. Y.

Application December 15, 1945, Serial No. 635,254
7 Claims. (Cl. 88—54.5)

2. An all-plastic contact lens having a conical scleral bearing section, a corneal lens section provided as a smooth and continuous extension of the conical section on the inner surface, whereby the eyeball cannot feel any discontinuity between the lens section and scleral bearing sec-



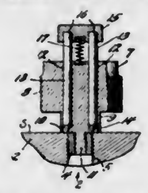
tion on the inner surfaces thereof and practically the entire area of the lens peripheral to the corneal section being of conical configuration.

2,438,744

TOOL FOR SETTING BUSHINGS OR INSERTS

Maurice J. Flynn, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts

Application February 12, 1944, Serial No. 522,151
7 Claims. (Cl. 81—10)



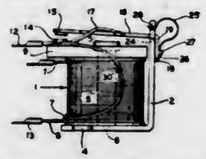
1. In a bushing setting tool having a body, a stem on the body rigid with respect thereto to position the bushing with respect to the body and prevent relative lateral displacement between the bushing and body, a shoulder on the body transverse of the stem to engage the bushing and limit movement thereof on the stem toward the body, the body having a series of bores therethrough terminating in the shoulder, the axes of the bores at the shoulder being spaced from the stem by a distance equal substantially to the radius of the bushing, and punch means guided in said bores for movement toward the bushing.

2,438,745

ELECTROMAGNETIC APPARATUS

Kenneth Herbert Fox, Red Bank, N. J., assignor to Bendix Aviation Corporation, Teterboro, N. J., a corporation of Delaware

Application December 14, 1945, Serial No. 635,088
2 Claims. (Cl. 175—336)



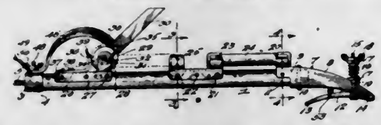
1. In apparatus of the class described, an electromagnet, a bracket having a pair of arms extending substantially at right angles one to the other, said electromagnet having one end thereof fixedly mounted on one of said arms, an armature member having one end thereof projecting through the other of said arms and pivotally mounted therein, said armature member cooperating with the other end of said electromagnet, a plate projecting from said armature member at said one end and cooperating with said other arm of said bracket, a looped leaf spring having one end thereof fastened to said end plate, said other arm of the bracket having a slot formed therein for receiving the one end of said armature member and another end of said looped leaf spring, said leaf spring being arranged so as to bias said armature member away from said electromagnet, and said slot permitting the removal of said other end of the leaf spring and said armature member for disassembling the armature member from said bracket.

2,438,746

HOT LINE JUMPER STICK

John Wesley Garrison, Oceanside, Calif.

Application February 2, 1946, Serial No. 645,084
2 Claims. (Cl. 200—51)



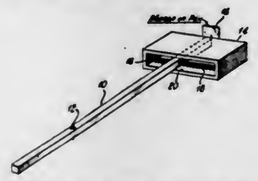
2. A line stick for connecting a hot line to a cold line comprising an elongated head section of insulation material, a hot line clamp on one end of said head section, a handle extending from the other end of said head section for manipulating the same to engage said clamp with a hot line, a cold line clamp having a handle for manipulating the same to engage a cold line, a line of connection between said clamps including a flexible jumper tape, a switch in said line of connection mounted on said head section including a pivoted member, spring actuated into switch closing position and adapted to be cocked to open the switch, and manipulative means for maintaining said member cocked and for releasing the same at will, said jumper tape being electrically connected to said member to one side of the pivot thereof, and a fuse on said head in said line of connection between the other side of said switch and the hot line clamp.

2,438,747

APPARATUS FOR REMOVING RANDOM FLUCTUATIONS FROM INTENSITY MEASUREMENTS

Clifford J. Gibbs, Laingsburg, Mich., and James H. Stein, Toms River, N. J., assignors to Texaco Development Corporation, New York, N. Y., a corporation of Delaware

Original application March 4, 1944, Serial No. 525,050. Divided and this application September 22, 1945, Serial No. 618,040
1 Claim. (Cl. 73—430)



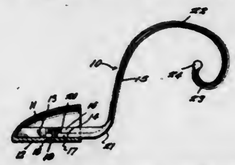
An instrument for indicating continuous variations in a quantity, said instrument having a pointer arm movable in response to said variations and also in response to random fluctuations, means for smoothing out said random fluctuations comprising an inertia member provided with a slot in the plane of movement of the pointer arm, an indicating device on said inertia member, the outer end portion of said pointer arm projecting into said slot, and compression springs between opposite sides of said end portion of the pointer arm and the walls of the inertia member at the ends of the slot, said springs serving to absorb movements of said pointer arm caused by said random fluctuations and to transmit to said inertia member and indicating device movements of the pointer arm caused by average variations in said quantity.

2,438,748

SHOE TREE

Edward H. Greenberg, St. Louis, Mo.

Application November 19, 1946, Serial No. 710,804
1 Claim. (Cl. 12—128.6)



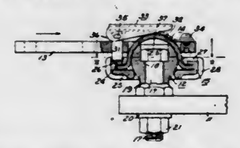
A shoe tree comprising in combination, a hollow toe cap, a pair of spaced parallel guides forming a channel in said cap, an extension arm, the forward end portion of said arm being slidable in said channel and being formed with a longitudinal slot, the mid-portion of said arm being arcuated and constituting an upraised handle, the remaining end portion of said arm being downturned and terminating in an arcuate heel-piece, and a clamping bolt provided on said cap and extending through said slot, whereby said arm and said cap are adjustably connected together.

2,438,749

HITCH

Paul H. Harrer, La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware

Application September 30, 1944, Serial No. 556,581
4 Claims. (Cl. 280—33.17)

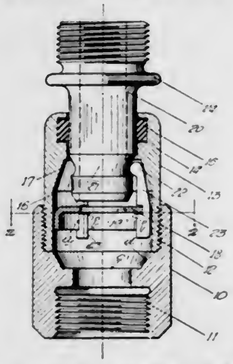


1. A trailer hitch of the ball and socket type comprising, a socket member provided with a series of outwardly extending peripheral lugs, a ball element formed for reception within said socket member, a ring member provided with a series of inwardly extending lugs, said socket lugs and said ring lugs being formed for interlocking engagement to retain said ball element within said socket member, a locking pin engageable with a lug of said ring member for preventing disengagement of said lugs when interlocked, spring means for constantly urging said locking pin toward engagement with said ring lug, and cam means for moving said pin into and out of engagement with said lug.

4. A hitch of the ball and socket type detachably connecting a first structure and a second structure, comprising a socket member attached to said first structure and provided with a series of outwardly extending peripheral lugs, a ball member attached to said second structure and formed for reception in said socket member with

free angular sliding contact between said ball and socket members, an annular retaining member embracing said ball member and provided with a series of inwardly extending lugs and a locking recess, the lugs on said socket member and said annular member being formed for interlocking engagement to retain said ball member and said socket member in operative relation, a locking element adapted to enter into locking engagement within said locking recess, and means for actuating said locking element, said means being carried by said first structure and including a resilient device for biasing said locking element into locking position within said recess, and a manipulable portion disposed in position where it may be readily actuated from the upper side of said first structure and having a cam surface operatively engageable with a portion of said first structure operative to cause actuation of said locking element out of said locking recess.

2,438,750
HOSE COUPLING
John W. Hughes, Dallas, Tex.
Application April 27, 1945, Serial No. 590,575
5 Claims. (Cl. 285—170)

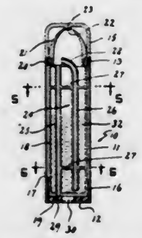


1. A hose coupling including a fixture sleeve and a socket removably mounted therein having an internal cavity provided with converging walls at one end, a cup conforming to and slidable in said cavity having peripheral slots, fingers rockably mounted in said slots having ends engageable with and collapsible by the converging walls of said cavity, a hose nipple adapted for insertion into said socket to force said cup towards the opposite end of said cavity and having an annular recess therein adjacent its end, said cup being effective upon release of fluid pressure into said sleeve to propel said nipple in a counterdirection to collapse said fingers into the annular recess of said nipple, means effective upon relieving said pressure to retract said fingers and means for sealing said socket against pressure leakage past said nipple.

2,438,751
TETRALYL COMPOUNDS
Franklin D. Jones, Upper Darby, Pa., assignor to American Chemical Paint Company, Ambler, Pa., a corporation of Delaware
No Drawing. Application May 13, 1941, Serial No. 393,248
4 Claims. (Cl. 260—454)

1. The substance selected from the group consisting of tetralyl-6-acetonitrile, tetralyl-6-acetic acid, the lower esters and alkali metal salts of said acid, tetralyl-6-acetamide, tetralyl-6-methyl thiocyanate and tetralyl-6-methyl isothiocyanate.

2,438,752
INHALER
Milford Lee Kahn, Chicago, Ill., assignor of one-half to Roger N. Kinkella, Chicago, Ill.
Application July 11, 1946, Serial No. 682,742
3 Claims. (Cl. 128—200)



2. In an inhaler, a substantially cylindrical casing including a screw-threaded portion and provided with an aperture at the center of one of its ends, a receptacle provided with a further screw-threaded portion and positioned in said casing, said screw-threaded portions being in operative engagement, an end of said receptacle being formed with an eccentrically disposed aperture and said eccentrically disposed aperture normally being closed by the apertured end of said casing.

2,438,753
BUTADIENE - 1,3-ACRYLONITRILE COPOLYMER PLASTICIZED WITH NAPHTHENIC ACID ESTERS
Henry B. Kellog, Union City, N. J., assignor, by mesne assignments, to Jasco, Incorporated, a corporation of Louisiana
No Drawing. Application December 20, 1940, Serial No. 370,967
2 Claims. (Cl. 260—36)

1. A plasticized composition comprising butadiene-acrylonitrile emulsion interpolymer and a naphthenic acid ester of petroleum phenols.

2,438,754
COPPER CONTAINING DISAZO DYESTUFFS
Adolf Krebser, Riehen, near Basel, and Werner Bossard, Basel, Switzerland, assignors to the firm J. R. Geigy A. G., Basel, Switzerland
No Drawing. Application March 1, 1943, Serial No. 477,630. In Switzerland April 28, 1942
11 Claims. (Cl. 260—148)

1. A process for the manufacture of copper-containing disazo dyestuffs of the general formula

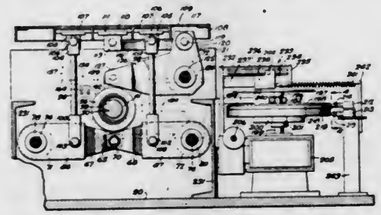
A—N=N—B—N=N—C

wherein A stands for a sulfonated aryl radical of the benzene series containing in o-position to the azo group a group capable of being coppered, B stands for a radical of a 1:3-dihydroxybenzene and C stands for an unsulfonated aryl radical of the benzene series, which comprises diazotising an aminoarylsulfonic acid of the benzene series containing in o-position to the amino group a group capable of being coppered, coupling the diazo compound with a 1:3-dihydroxybenzene and coupling the monoazo dyestuff with a diazotised unsulfonated arylamine of the benzene series, with the condition that at least one of the radicals A and C is linked to a benzene radical by means of a member selected from the group consisting of —SO_2—,

$$-SO_2N(\text{alkyl})-$$

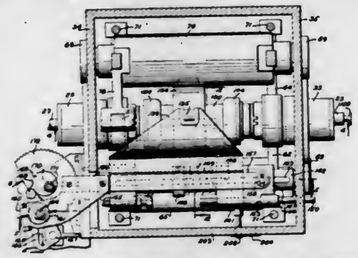
—SO_2—O—, —O—, and —CO—, and converting the dyestuff into its copper complex compound.

2,438,755
VIBRATING APPARATUS
Einer W. Larsen, Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application February 15, 1944, Serial No. 522,524
28 Claims. (Cl. 73—67)



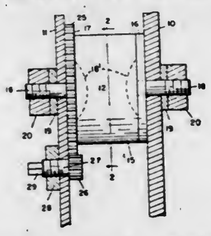
21. A vibratory apparatus comprising a vibratory table, a shaft substantially midway between the ends and underneath said table, a pair of arms, a pivotal support for each of said arms, eccentric means on said shaft settable for oscillating said arms, a link connected to each arm between said pivotal support and said eccentric means for vibrating said table in one direction, a pivotally mounted bell crank lever having one end attached to said table for vibrating said table in another direction, a second eccentric means on said shaft connected to the opposite end of said bell crank lever and settable to rock said bell crank lever, means for rotating said shaft to vibrate said table, and means connectible to render both of said eccentric means operative simultaneously to move the table in a predetermined path by setting them to a position of eccentricity with respect to the shaft.

2,438,756
VIBRATING APPARATUS
Einer W. Larsen, Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application March 27, 1946, Serial No. 657,355
15 Claims. (Cl. 74—26)



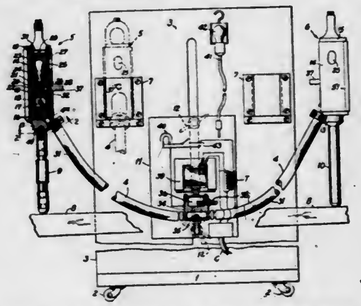
11. In a vibrating apparatus, a vibratory means to be vibrated, variable means for vibrating said vibratory means, a variable speed motor for driving said vibrating means, an operative connection between said vibrating means and said vibratory means, and means for varying the action of said vibrating means to compensate for inherent elasticity between said vibrating means and said vibratory means including a driven cam, a cam lever driven by said cam, an adjusting lever for varying the vibratory action of said vibrating means, means for operatively connecting said adjusting lever to said vibrating means comprising reciprocatory elements movable in spaced parallel paths, a universal joint connecting said elements, and means for operatively connecting said adjusting lever to said cam lever at a selected position on the cam lever to vary the action of said adjusting lever on said vibrating means in accordance with the speed of the motor.

2,438,757
MOUNTING ELEMENT FOR MACHINES OR THE LIKE
Roger K. Lee, Detroit, Mich., assignor to Kenlee Corporation, Detroit, Mich., a corporation of Michigan
Application September 16, 1944, Serial No. 554,376
3 Claims. (Cl. 248—22)



1. A mounting element for machines or the like consisting of a rubber body provided with means at one end for fixing said body to a suitable support, means at its opposite end for fixing said body to the machine to be mounted, said latter means including a plate bonded to said body, means for rotating said plate, whereby to generate torsion stresses in said body, and means for fixing said plate against return rotation.

2,438,758
LIQUID COLUMN LEVEL
Charles C. Leach, Clayton, Mo., assignor of one-half to Marcel Boulicault, St. Louis, and Roland J. Milier, Webster Groves, Mo.
Application December 29, 1943, Serial No. 516,016
6 Claims. (Cl. 33—209)



1. In a level comprising independently movable instruments connected by an elongated flexible tube containing liquid and a signal device actuated by the height of the liquid in one of the

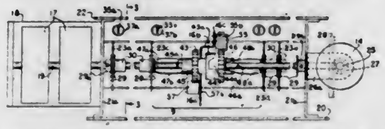
instruments, means arranged to jar the liquid to promote the ready flow of the liquid in said instrument.

2,438,759
MANUFACTURE OF COMPOSITE STEEL PLATES
Benjamin Liebowitz, Lewisboro, N. Y.
Application May 21, 1941, Serial No. 394,508
15 Claims. (Cl. 29—189)



1. In a process of manufacturing composite armor plates by welding together at their interface at least two plates of steel which differ in their carbon content, the steps comprising cleaning the plate surfaces to be welded together, placing said surfaces together and excluding the ambient atmosphere from said surfaces, then welding said surfaces by hot rolling the assembled plates, subjecting the composite plate including the welded interface to a temperature of about 2100° F. to about 2300° F. until a carbon diffusion zone of substantial thickness is formed in the region of said interface, and thereafter subjecting the composite plate to further hot rolling.

2,438,760
RADIO CONTROL APPARATUS
Richard C. Marholz, Chicago, Ill., assignor, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill., a corporation of Illinois
Application June 12, 1944, Serial No. 539,937
8 Claims. (Cl. 74—10)

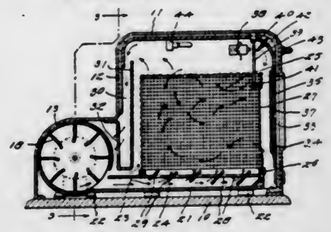


1. In a control device which includes a plurality of control elements spaced axially along a shaft, a pair of pinions rotatably carried by said shaft intermediate the ends of said shaft and between two of said control elements, bowed leaf springs extending longitudinally of said shaft and having their removed ends respectively thrusting against said two control elements, means movable axially of said shaft with said pinions to bow said springs away from said shaft, thereby to exert an axially directed clamping pressure against said control elements sufficient to restrain said control elements against movement relative to said shaft, means interconnecting said pinions to move said pinions axially toward each other in response to opposite rotation of said pinions relative to said shaft, thereby to at least partially relieve the clamping pressure exerted upon said control elements by said leaf springs, means movable transversely of said shaft and provided with offset rack elements aligned with said pinions upon opposite sides of said shaft, said rack elements including teeth engageable with said pinions upon movement of said last-named means transversely of said shaft, whereby said pinions are oppositely rotated to move toward each other under the influence of said springs in response to movement of said last-named means transversely of said shaft.

2,438,761
MANUFACTURE OF CERAMIC MATERIALS OF HIGH PERMITTIVITY
Edward Charles Martin, London, England, assignor to Hartford National Bank & Trust Company, Hartford, Conn., as trustee
No Drawing. Application October 3, 1945, Serial No. 620,165. In Great Britain April 4, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires April 4, 1964
4 Claims. (Cl. 106—39)

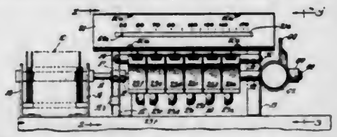
1. A process for manufacturing ceramic materials of high permittivity comprising the steps of mixing together a first portion of wet milled barium titanate and a second portion of dry milled barium titanate, in the proportion of 1% to 70% of wet milled barium titanate and 99% to 30% of dry milled barium titanate, and then fabricating the mixture of wet and dry milled portions of barium titanate into desired shape for conventional treatment and firing.

2,438,762
HAND DRYER
Harry W. McLeckie, Naples, Tex.
Application March 29, 1944, Serial No. 528,588
3 Claims. (Cl. 34—87)



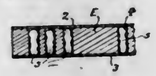
1. A hand dryer of the class described having a casing, said casing being open for insertion of the hands into the interior, a guard interiorly of the casing, to confine the hands, a heater within the casing, means to draw air through the heater and discharge it within the guard, a wall at the base of the guard mounting the same, said wall being open and having louvers therethrough to direct the air into the guard, said wall forming part of a pan-shaped structure, said structure having a neck for the inlet of air.

2,438,763
PUSH-BUTTON TUNING CONTROL
Anthony P. Olesky, Chicago, Ill., assignor, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill., a corporation of Illinois
Application September 20, 1944, Serial No. 554,935
21 Claims. (Cl. 74—10)



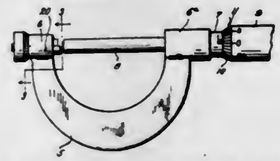
1. In radio tuning apparatus which includes a tuning shaft rotatable through a desired tuning range and a plurality of tuning selector elements carried by said shaft; spring means normally restraining said selector elements against movement relative to said shaft, a manually operable element, means supporting said element for movement in two directions, means for rotating said shaft to any setting within said range in response to a corresponding movement of said manually operable element in one of said two directions, and means responsive to movement of said manually operable element in the other of said two directions for relieving the restraining force exerted by said spring means upon said selector elements, thereby to release said selector elements for movement relative to said shaft.

2,438,764
HIGHWAY AND STREET TRAFFIC MARKING AND METHOD AND APPARATUS FOR MAKING SAME
Walter A. Phillips, Salinas, Calif.
Application January 24, 1945, Serial No. 574,386
6 Claims. (Cl. 94—1.5)



1. In a device for use in applying a traffic control marking to the soft upper surface of a highway, a carrier composed of a compressible material provided with a series of spaced openings extending entirely through the carrier and arranged to depict the desired traffic control marking, an individual hard element in and substantially filling each of said carrier openings, and a frangible sheet closing the ends of said openings for retaining said elements therein.

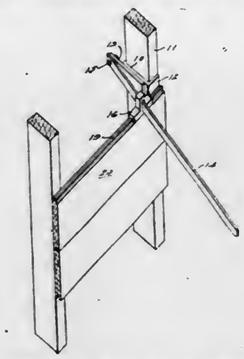
2,438,765
ADJUSTABLE ANVIL FOR MICROMETER CALIPERS
Harold Pollitt, Waukegan, Ill.
Application January 10, 1944, Serial No. 517,696
2 Claims. (Cl. 33—164)



1. An anvil structure for use on the frame of a micrometer comprising a barrel having a closed end and adapted to form a part of said frame, a stationary anvil section extending part way out of the other end of the barrel and permanently fixed therein against movement relative thereto, a movable anvil section slidably fitted in said barrel for adjustment out of said other end of the barrel past said fixed section and having a reduced projection sliding on said stationary section, a calibrated cap rotatably mounted on the closed end of said barrel and for adjusting said movable section, and a rotatable operating connection between said cap and movable section with its axis of rotation in the line of movement of the movable section.

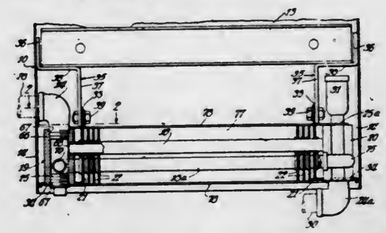
2,438,766
SIDING TOOL
Milo Rifenberg, Constantine, Mich.
Application October 29, 1946, Serial No. 706,290
1 Claim. (Cl. 254—17)

A siding tool of the character described for use in exerting pressure upon siding before securing same to its studs, comprising means for contacting a stud, said means comprising a U-shaped member, a bar rigidly secured to said U-shaped member and extending outwardly therefrom, a lever pivotally mounted upon the outwardly



extending portion of said bar, a morticed siding contacting shoe slidable upon said lever, said shoe being formed to contact said siding while pressure is being applied to said lever.

2,438,767
HEATING ELEMENT AND SUPPORT THEREFOR
Benjamin Spieth, Racine, Wis., assignor to Modine Manufacturing Company, Racine, Wis., a corporation of Wisconsin
Application July 1, 1944, Serial No. 543,117
5 Claims. (Cl. 257—136)

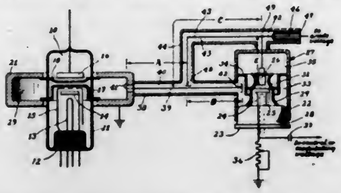


1. A heating element and support therefor comprising, in combination, headers whose center lines are substantially parallel to the air flow through the element, fluid carrying tubes extending from header to header, fins traversing said tubes, flanged supporting brackets through which the fluid carrying tubes extend, the flanges of the supporting brackets having holes therein to receive an end of each header, and flanged side plates extending along the ends of the fins with their flanges projecting over the top and bottom edges of the fins.

2,438,768
APPARATUS FOR VARYING THE FREQUENCY OF RESONANT CAVITIES
William A. Stewart, Philadelphia, Pa., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application April 28, 1944, Serial No. 533,183
9 Claims. (Cl. 179—171.5)

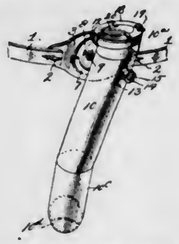
1. In an ultra-high frequency circuit, the combination comprising an ultra-high frequency oscillating circuit the frequency of which is to

be varied, an ultra-high frequency amplifier including a vacuum tube having a plurality of cavities, a coaxial line interconnecting one of said cavities with said oscillating circuit, and



a coaxial line interconnecting the other of said cavities with said first coaxial line so as to provide a reinjection coupling point at a voltage point on said first coaxial line.

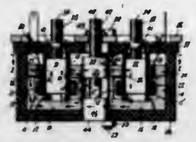
2,438,769
COLOSTOMY APPLIANCE
Asa E. Thomas, Miami, Fla., assignor of one-half to James A. Dunn, Miami, Fla.
Application December 26, 1945, Serial No. 637,143
5 Claims. (Cl. 128—283)



1. A colostomy appliance comprising a tubular body, the upper end of said body being open, a hinged closure for said open end, a sight opening in said hinged closure, said hinged closure being substantially horizontal when the appliance is attached to the body, a substantially horizontal catheter receiving valve carried by the forward side of the body in horizontal relation to a colostomy opening, a rearwardly extending hollow extension carried by the rear side of the body axially of the catheter valve, a horizontally elongated supporting plate surrounding the colostomy opening, a belt detachably connected to the ends of the plate and adapted to encircle the body of the user, said rearwardly extending portion carried by the body being detachably connected to the supporting plate, said hinged closure being hinged to the body at substantially a right angle to the catheter opening, whereby the catheter can be observed during the insertion operation and the closure is open.

2,438,770
ADJUSTABLE MUTUAL COUPLING
John E. Tillman, Stratford, Conn., assignor to General Electric Company, a corporation of New York
Application June 5, 1943, Serial No. 489,803
10 Claims. (Cl. 171—777)

1. A radio frequency transformer comprising a body member of magnetic material having a plurality of recesses therein, each of said recesses having a corresponding winding of said transformer positioned therein, said windings being tuned to a desired band of frequencies, a magnetic closure member for said recesses, said recesses being completely encircled by said magnetic material and being separated by a wall of said body member, said wall being included in



the common magnetic path of said windings, and means whereby the reluctance of a portion of said wall may be varied to adjust the coupling between different of said windings to control the width of said band of frequencies.

2,438,771
GARMENT PROTECTOR
Daniel Topjian, Watertown, Mass.
Application February 14, 1945, Serial No. 577,794
9 Claims. (Cl. 2—53)



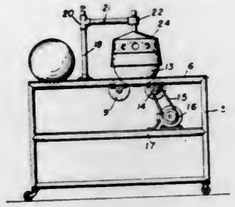
1. A removable absorbent pad for use in a garment shield, said pad comprising a single, lune-shaped, leaf-like, uniformly thick sheet of unspun fibrous cellulosic material which is highly absorbent of moisture, said sheet being easily disintegrated when wet, and a thin film of tough, flexible normally non-adhesive material adherent to the marginal portion of one face of said sheet thereby to strengthen the sheet and preserve the shape of the pad when wet, the outer edge of said marginal film registering with the outer edge of said leaf-like sheet.

2,438,772
CABINET WITH DOOR ACTUATED SHELF
Otto M. Waara, Detroit, Mich.
Application February 10, 1945, Serial No. 577,280
5 Claims. (Cl. 312—186)



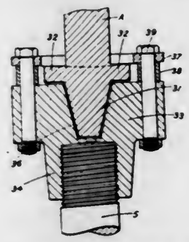
2. A cabinet having rear, side and top walls and a door constituting the front and bottom panels thereof and pivoted to said side walls adjacent the upper end of said door, a channel plate member secured to the inside upper portion of one of the said side walls, a hanger plate vertically slidably mounted in said channel plate member, said hanger plate having a link pivotally connected thereto and pivotally connected to the extreme upper end of said door, a pair of parallel hanger bars pivoted on said hanger plate and on a second plate, this second plate being thereby adapted to swing downwardly and forwardly when the door is opened, and a member horizontally disposed and carried by said second plate.

2,438,773
BALL CLEANING AND POLISHING DEVICE
Sam J. Warlick, Kiowa, Kans.
Application May 5, 1947, Serial No. 746,141
3 Claims. (Cl. 51—154)



1. A ball burnishing and cleaning device comprising a ball support including a pair of rollers, means for driving one of the rollers to rotate a ball resting thereon, a hood positioned on the ball and having a lining in contact with the ball to treat the surface thereof, and a support for the hood.

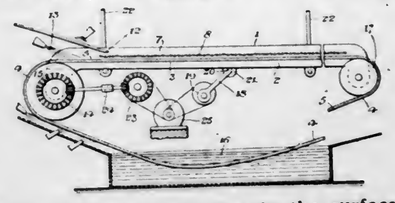
2,438,774
CHUCK DEVICE, PARTICULARLY FOR COAL CUTTING MACHINES
Samuel Baillie, New Invention, Willenhall, England
Application February 8, 1946, Serial No. 646,421
In Great Britain April 5, 1945
2 Claims. (Cl. 279—93)



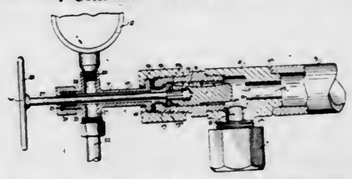
1. A chuck device comprising a chuck body having a conical recess therein, a tool having a tapering shank for entering said recess, lateral projections on diametrically opposite sides of the shank, a member off-set from the portion of the body of the chuck, said member having a slot through which said projections are adapted to pass so as to lie between said off-set member and said body of said chuck with the shank engaging said recess, and wedge surfaces formed on the surface of said off-set member facing said recess so that when said tool is rotated said tapering shank is wedged in said conical recess.

2,438,775
CONCENTRATOR HAVING SLOPING RECIPROCATING TABLE WITH MOVABLE DECK
Adam Barnard Bouwer and Leslie Dorfman, Johannesburg, Transvaal, Union of South Africa
Application October 23, 1945, Serial No. 623,910
In the Union of South Africa July 20, 1945
1 Claim. (Cl. 209—433)

In a concentrator having a long table sloping longitudinally with means for oscillating the table in a longitudinal direction, feeding means at the top of the table for passing the material to be concentrated down the length of the table and a surface for the table consisting of cells with open tops, slotted walls and retaining pockets, said cells comprising a belt moving upwardly against the passage of the material passing down the table, grooves in the surface of the belt, an open meshed screen fixed relatively to the moving belt and in close parallel association with the same, said grooves and the mesh of the screen combining to form concentrating pockets.

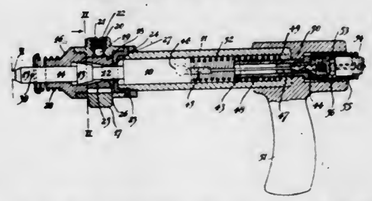


2,438,776
PACKLESS BACK-SEATING VALVE
Charles H. Boylan, Lakewood, Ohio, assignor to The Weatherhead Company, Cleveland, Ohio, a corporation of Ohio
Application January 24, 1946, Serial No. 643,008
7 Claims. (Cl. 251—22)



1. A valve comprising a valve body having two fluid conducting ports and valve seat means between said ports, said valve body including a third port, second valve seat means between said third port and said first two ports, a valve member threaded into said valve body and having portions formed to selectively engage said valve seats, the threads lying between the third port and the first two ports, said valve having passageway means formed to permit communication between said third port and said first two ports, said valve member being provided with driving means to receive a tool, and means on said valve body for attachment of a fluid conducting housing for said tool.

2,438,777
PERCUSSIVE TOOL
William Henry Dean, Darlington, England
Application June 20, 1945, Serial No. 600,495
In Great Britain June 26, 1944
3 Claims. (Cl. 125—33)



1. A power-operated percussive tool comprising a reciprocable hammer, a working head se-

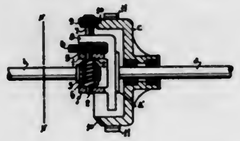
cured to said tool, a work-engaging member supported in said head for reciprocable movement in axial alinement with said hammer, a transversely movable block disposed within the head between the hammer and said work-engaging member, resilient means in engagement with said block and normally retaining it in position to prevent contact of the hammer with said work-engaging member, said block and work-engaging member having cooperating means whereby the block may be moved against the tension of said resilient means to establish contact of the hammer with the work-engaging member.

2,438,778

PROGRESSIVE VARIABLE-SPEED DEVICE

Manuel Andrés González Fabiá, Buenos Aires, Argentina, assignor to Tecnica Industrial y Comercial Sociedad Anonima Tecosa, Buenos Aires, Argentina, a corporation of Argentina

Application December 29, 1944, Serial No. 570,304
In Brazil December 29, 1943
3 Claims. (Cl. 74—280)



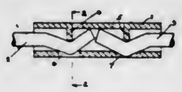
1. In a progressively variable speed transmission, the combination of axially alined driven and driving shafts, a cup-shaped member fixedly secured to said driving shaft, a pair of shafts arranged with their axes parallel to each other and rotatably supported in spaced bearings provided in said cup-shaped member, a worm fixedly mounted on each said last named shafts between said spaced bearings, a worm gear fixedly mounted on said driven shaft and meshing with both said worms, a spur gear fixed to one end of each said worm carrying shafts, a radial shaft rotatably mounted on said cup-shaped member and having a spur gear fixed to its inner end meshing with both said spur gears on said worm carrying shafts, a bevel gear fixed to the outer end of said radial shaft, and a rotatable speed regulating member rotatably supported on the driving shaft and provided with an axially extending flange forming an annular chamber within which is located said cup-shaped member, the outer circumference of said flange forming a braking surface, and manually operable means engaging said braking surface, the outer edge of said flange being provided with gear teeth meshing with said bevel gear on the outer end of said radial shaft.

2,438,779

WIRE CONNECTOR

Herman L. Gordon, Silver Spring, Md.

Application November 21, 1944, Serial No. 564,513
13 Claims. (Cl. 287—75)



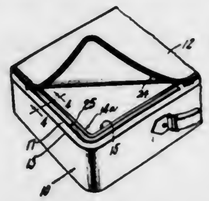
9. Means for securing a wire end comprising a deformable receptacle adapted to receive said wire end, means within said receptacle for at times gripping said wire end, and locking means on said receptacle rendered effective responsive to compression of said receptacle for maintaining said gripping means in gripping relationship to said wire end.

2,438,780

COVER STRUCTURE FOR SUITCASES, VALISES, AND SIMILAR CARRYING CASES

Alex Hochner, New York, N. Y.

Application November 29, 1946, Serial No. 712,832
6 Claims. (Cl. 190—41)



1. In a suitcase provided with upright walls; a frame-shaped ledge angularly directed from and forming an extension of said upright walls, said frame-shaped ledge terminating in a free edge, said free edge being provided with a binding, said binding including a tape carrying first fastener elements, said first fastener elements being movably positioned on said ledge and substantially intermediate said binding and said upright walls, whereby a space is provided between said binding and said first fastener elements, a cover arranged for position on said ledge, said cover terminating in a reinforced end for location within said space, in closed condition of said suitcase, and a tape fixed above and projecting beyond said reinforced end and carrying second fastener elements, said second fastener elements being complementary to said first fastener elements and facilitating closing of said suitcase.

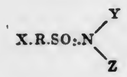
2,438,781

STABILIZED HYPOCHLORITE SOLUTIONS AND PROCESS THEREFOR

Jonas Kamlet, New York, N. Y., assignor to Boyle-Midway Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application September 7, 1944, Serial No. 553,103
8 Claims. (Cl. 23—86)

5. A stabilized aqueous hypochlorite solution, containing a soluble hypochlorite and as a stabilizing agent a minor amount of a member of the group of compounds of the general formula



where R is an aryl group, X is a member of the group consisting of hydrogen and —COOY groups, Y is a member of the group consisting of hydrogen and alkali-metal atoms, and Z is a member of the group consisting of hydrogen, alkali-metal and chlorine atoms, said stabilizing agent being present in an amount in the range 0.001% to 1%.

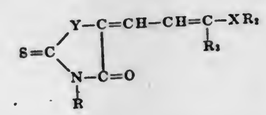
2,438,782

CYANINE DYESTUFFS

John David Kendall, Ilford, England, assignor to Ilford Limited, Ilford, England, a British company

No Drawing. Application April 9, 1943, Serial No. 482,493. In Great Britain April 23, 1942
6 Claims. (Cl. 260—240)

1. Process for the production of dyestuffs which comprises condensing a dyestuff intermediate of the general formula:



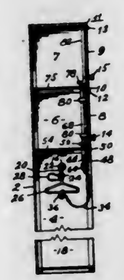
where X and Y are each selected from the class consisting of oxygen atoms and sulphur atoms, R_1 is selected from the class consisting of the hydrogen atom and hydrocarbon groups, and R_2 and R_3 are each hydrocarbon groups, with a second reagent which is a compound selected from the class consisting of alkyl and aralkyl quaternary salts of heterocyclic nitrogen compounds of the thiazole, selenazole and quinoline series having in one of the α and γ positions to the heterocyclic nitrogen atom a substituent reactive methylene group.

2,438,783

CABINET WITH COMPARTMENTS HAVING INTERCONNECTED LOCKING MEANS

Charles H. Kraft, Kansas City, Mo.

Application May 16, 1944, Serial No. 535,887
3 Claims. (Cl. 312—106)



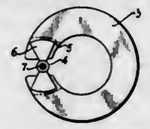
1. In combination, a compartment, a locker superposed upon the compartment and provided with a door for closing the locker, means including a flexible element permanently secured at one end in the compartment, the other end being free to pass through an opening in an article, a bolt extending from the compartment into the locker through an aperture in the bottom of the latter and provided with means for securing the free end of the flexible element to the bottom of the locker, a member fixed to the bottom of the locker and upon which the bolt is slidably mounted, a keeper fixed to the inner side of the locker door to receive the upper end of the bolt and cooperate therewith in locking the door, and member for locking the bolt to said member upon which it is slidably mounted.

2,438,784

TUNER FOR ULTRA HIGH FREQUENCIES

Alexander Landmann, London, England, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England, a company of Great Britain

Application October 11, 1943, Serial No. 505,726
In Great Britain April 28, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires April 28, 1962
4 Claims. (Cl. 250—40)



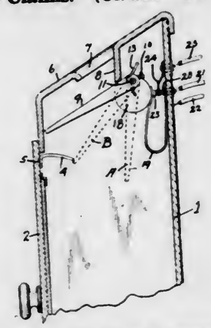
1. A resonant circuit arrangement tunable in a range of very high frequencies comprising a single incomplete ring of conductive material constituting the greater portion of the inductance of said resonant circuit and having a gap, the adjacent ends of said ring having plurality of slots whose principal surfaces are disposed in parallel planes which are perpendicular to the axis of the ring, and a metallic member located in said gap and rotatable on an axis parallel to said ring axis and having vanes disposed in capacitive relation to the surfaces of said slots.

2,438,785

LETTER BOX

Mary McKallick, Spokane, Wash.

Application January 20, 1947, Serial No. 723,006
4 Claims. (Cl. 232—34)



1. In a letter box having a deposit slot in its top wall and an electrical signalling circuit having an open switch located in the box, the combination with a hinged door having an interior spring detent mounted thereon, of a spring lifted and depressible trap arm pivotally mounted within the box beneath the slot in position for co-action with the detent, whereby the free end of the depressed arm is caught by the detent and released when the door is opened, and means actuated by depression of the trap arm for closing the switch.

2,438,786

INK PASTE CARTRIDGE FOR BALL POINT FOUNTAIN PENS

David Pelton Moore, Forest Hills, N. Y., assignor to Premium Merchandising Corporation, a corporation of New York

Application June 7, 1945, Serial No. 597,999
1 Claim. (Cl. 120—42)

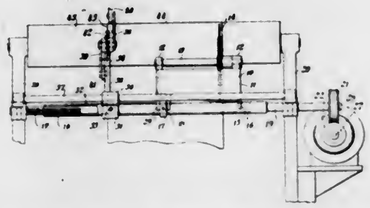
An ink paste cartridge for ball-nib fountain pens, consisting of a tubular casing having a

reduced externally threaded outlet and an internally threaded portion at the opposite end, a soft metal seal at the reduced outlet, an externally threaded plug fitted in the internally



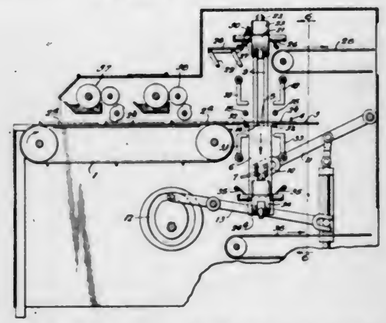
threaded portion of the casing, a floating piston mounted in the casing, and an extension spring disposed between the plug and the piston to exert pressure against the piston to create pressure upon the ink paste within the casing.

2,438,787
PAPER BAG MAKING MACHINERY
John Nicholas, Bristol, England, assignor to E. S. & A. Robinson, Limited, Bristol, England, a company of Great Britain
Application May 23, 1944, Serial No. 536,922
In Great Britain July 27, 1943
5 Claims. (Cl. 91—12)



1. In a paper bag making machine, a rotatable roller supporting a paper web for traveling movement, an externally threaded shaft mounted for rotation in parallel relation to said roller and disposed laterally of the direction of travel of the paper web, an internally threaded sleeve in threaded engagement with said shaft whereby rotation of said shaft will cause said sleeve to move laterally of the direction of travel of the paper web, a seam adhesive device supported on said sleeve and movable therewith laterally of the paper web; said seam adhesive device having an adhesive-applying rotary disc member normally in contact with said paper web adjacent one edge thereof for applying a narrow layer of adhesive to the paper web, a bi-directional rotary device connected to said shaft for rotating it in either direction, and means responsive to lateral movement of the paper web on said roller for determining the direction of rotation of said rotary device, whereby the seam adhesive device is moved in the same direction as and substantially simultaneously with the paper web.

2,438,788
PAPER BOX FORMING APPARATUS
Frank D. Palmer, Chicago, Ill., assignor to F. D. Palmer, Inc., Chicago, Ill., a corporation of Illinois
Application August 11, 1944, Serial No. 549,030
2 Claims. (Cl. 93—51)

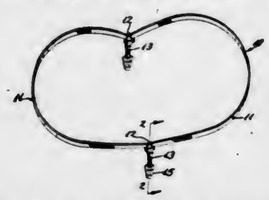


1. In a paper box making machine, means for successively delivering box blanks to a predetermined box position, a double-ended plunger, means for reciprocating said plunger so as to cause its opposite ends to successively traverse said box blank position, and a pair of box-forming devices respectively disposed on opposite sides of said box blank position and respectively cooperating with the opposite ends of said plunger for forming boxes on said plunger ends incident to movement of the plunger in opposite directions.

2,438,789
PRODUCTION OF ORGANIC ACIDS
Irwin A. Pearl, Appleton, Wis., assignor, by mesne assignments, to Sulphite Products Corporation, a corporation of Wisconsin
No Drawing. Application April 19, 1946, Serial No. 663,633
2 Claims. (Cl. 260—521)

2. In the process of producing the derived mono-carboxylic acids from aldehydes selected from the group consisting of vanillin, ortho-vanillin and syringaldehyde, the improvement which consists in reacting the aldehyde with gold oxide in a hot aqueous solution of alkali metal hydroxide.

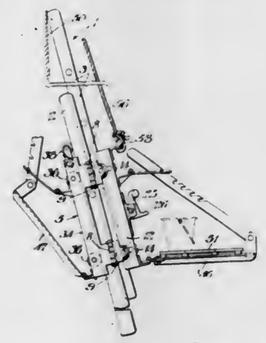
2,438,790
REMOVABLE SANITARY BELT TAB
Sarah D. Postlethwaite, New York, N. Y.
Application December 8, 1945, Serial No. 633,781
1 Claim. (Cl. 128—291)



A sanitary belt, comprising a pair of belt sections, a pair of identical triangular members connecting the ends of the belt sections to each other and providing horizontal supporting bars, a pair of identical U-shaped hooks, each of said hooks being engaged with each horizontal supporting

bar of each triangular member and provided with an opening therein, a strap extended through said hook, and a triangular connector plate on the lower end of each strap, each of said connectors having an aperture formed therein providing means for securing one end of a sanitary pad thereto, said U-shaped hooks being detachable from said horizontal bars of said triangular members to wholly detach the sanitary pad from the belt sections.

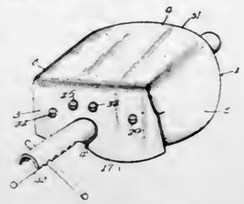
2,438,791
SLIDING LADDER JACK
Albert A. Russell, Phoenix, Ariz.
Application March 17, 1947, Serial No. 735,214
5 Claims. (Cl. 304—31)



2. A sliding ladder jack for use on extension ladders of the type wherein the rails of the lower part are more widely separated than those of the upper part, comprising a case having a front part and a rear part hinged laterally to open and close over said extension ladder sections, said case parts being shaped to substantially enclose the sectional contour of said ladder parts and provided with rollers adapted to bear on both sides of the side rails of each ladder section, trestle brackets attached to the front and rear faces of said case, hoisting means adapted to raise and lower said case upon said ladder parts, and rung engaging mechanism including rung latches hinged to the inner face of said case in vertically spaced relation and positioned to engage adjacent rungs on said ladder sections, adapted to swing from a determined inwardly extending engaging position to a downwardly depending non-engaging position, spring means normally urging said latches to said engaging position, a link connecting said latches so that they swing together, and a dog operable on said link to releasably hold said latches in non-engaging position.

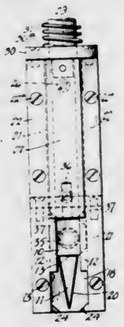
2,438,792
HAND GUARD FOR WELDING APPARATUS
John J. Sandrik, Chicago, Ill.
Application May 4, 1946, Serial No. 667,440
5 Claims. (Cl. 2—17)

1. A hand shield adapted to be carried by a part of a welding apparatus comprising a body having an open back and bottom to permit free movement of the operator's hand and wrist, with a relatively straight front portion, integral side walls and an integral top wall extending rearwardly and outwardly from said front portion, there being an opening in said front portion to permit the guard to be mounted on a handle of a welding apparatus, and fastening means adja-



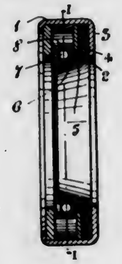
cent said opening to secure the guard to an operating part of the welding apparatus.

2,438,793
NAILING DEVICE AND NAILS INSERTED THEREBY
Max Vogel, Bridgeport, Conn.
Application June 13, 1944, Serial No. 541,199
15 Claims. (Cl. 1—46)



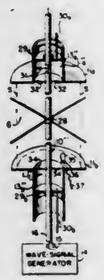
1. A nail structure comprising a head part and a prong part integrally connected together, said head and prong parts in their pre-driven state being disposed in co-planar relation with their front and rear surfaces in the same plane and being entirely free of any projections beyond said surfaces, whereby the rear surface of the head and prong parts may have downward sliding engagement with the front surface of a similar contiguous nail structure disposed in a driving implement, said prong part having at least one of its side edges entirely inwardly offset from and below the side edges of said head part, and said head part having at its upper edge a driver engaging surface for driving engagement by the driver of a driving implement and having at its lower edge an abutment shoulder forming an angular corner with said inwardly offset side edge of said prong part, the straight transverse line of said prong part coinciding with said angular corner constituting the bending line between said head and prong parts, said shoulder adapted in the co-planar relation of said head and prong parts to limit the insertion of the prong part in material being nailed to the full length of said prong part, the marginal portion of said head part between its upper edge and said shoulder being a guide portion for engagement with guide means of a driving implement said head part being bendable with respect to the fully driven prong part about said bending line into angular relation to said prong part to dispose said head part in engagement with the surface of the material being nailed.

2,438,794
PACKING OR SEALING RING
Arthur Waring, Birmingham, England
Application February 8, 1946, Serial No. 646,273
In Great Britain September 1, 1945
3 Claims. (Cl. 288—3)



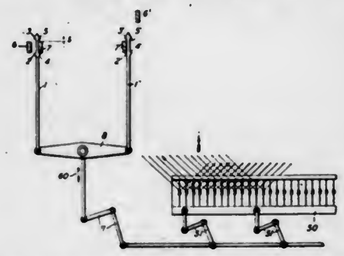
1. A sealing device having a casing for surrounding a shaft comprising an annular sealing lip which bears on the shaft, a helically coiled garter spring which surrounds the lip, and a rigid ring floatingly mounted in said casing and surrounding the garter spring and in substantial contact with the latter when said sealing lip is in sealing contact with said shaft, so that radial outward deflection on one side of the sealing lip and garter spring will cause said ring, by pressure of the garter spring thereon, to be moved radially outwardly on the said side and radially inwardly on the opposite side and thus cause the garter spring to be adjusted for maintaining a sealing pressure entirely around the sealing lip.

2,438,795
WAVE-GUIDE SYSTEM
Harold A. Wheeler, Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill., a corporation of Illinois
Application December 13, 1943, Serial No. 514,071
15 Claims. (Cl. 178—44)



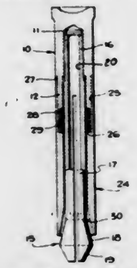
1. A wave-guide system for translating wave signals of predetermined wave length comprising, an open wave guide including an elongated conductor spaced by at least one-quarter wave length from any conductive mass, an electrically conductive structure providing normal to said conductor a wave-signal path having impedance to space much less than the image impedance of said wave guide, and impedance means having a value of impedance approximately matching said image impedance for coupling said structure and said conductor to effect optimum transfer of wave-signal energy through said wave guide in at least one direction.

2,438,796
POSITIVELY OPERATING DOBBY
Otto Zollikofer, St. Gallen, Switzerland, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland
Application April 24, 1944, Serial No. 532,470
11 Claims. (Cl. 139—72)



1. A double-lift open-shed dobby comprising, in combination, a two arm balance lever, a lifter member swingably connected with each arm of said balance lever, harness lever means having an end portion swingably connected with said balance lever at its fulcrum, a two arm operating lever positively operated by the loom, two link members, each of said link members having one end swingably connected with one arm of said operating lever, a draw bar connected with each of said link members at the other ends thereof, said draw bars being adapted to individually engage and positively operate said lifter members in two substantially opposite directions, and abutment means forming part of said operating lever and being adapted to engage said balance lever and fix its position upon engagement.

2,438,797
PORTABLE SMALL HAND TOOL VISE
Kaj Bagge, Sunland, Calif.
Application November 12, 1946, Serial No. 709,254
2 Claims. (Cl. 279—51)

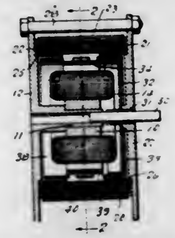


1. A portable, small, hand tool vise and handle comprising: a split collet having a cylindrical body portion, a substantially solid, externally threaded shank end and an enlarged conical head, said collet being split through the conical head and body portion; a hollow, internally threaded cap connected to the threaded shank end of the collet, said cap including a tubular portion surrounding the collet and spaced therefrom; a tubular release sleeve carried by the tubular portion of the cap and extending around the collet for cooperation with the conical head thereof; and spring means between the cap and sleeve for normally engaging the sleeve with the conical head to hold the collet in closed, tool-grasping position.

2,438,798
MANUFACTURE OF STRAIN-INSENSITIVE STEEL
Henry M. Banta, Pittsburgh, Pa., assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application October 14, 1941, Serial No. 414,940
4 Claims. (Cl. 75—45)

1. The method of making steel having a reduced strain-sensitivity, which comprises forming a basic open hearth heat containing iron oxide and limestone and having about 1.25% to 1.80% carbon at melt-down of the metallic charge, and oxidizing the carbon intensely and rapidly under a slag the percentage CaO to SiO_2 ratio of which is maintained under 2.3 so that the carbon is not over about .80% when the limestone charge is about half melted, whereby nitrogen is reduced to a low value.

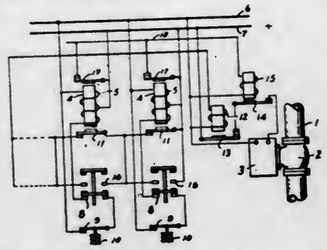
2,438,799
SYNCHRONOUS REPEATER UNIT
Dwight W. Bloser, West Englewood, N. J., assignor, by mesne assignments, to Kearfott Company, Inc., New York, N. Y., a corporation of New York
Application November 21, 1946, Serial No. 711,301
4 Claims. (Cl. 172—120)



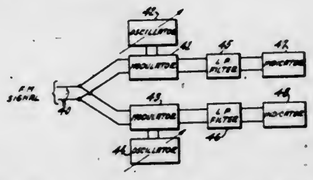
1. A synchronous repeater unit comprising an internal stator of magnetic material having external slots carrying distributed windings, an annular exciting coil concentric with said stator and spaced radially therefrom, said coil being symmetrically disposed with respect to said stator and wound to produce opposite polarities at its two axially spaced ends, annular members of magnetic material disposed at said ends interiorly of said coil to be maintained thereby at opposite polarities, and a rotor concentric with said stator comprising a pair of axially spaced rings of magnetic material disposed to rotate within the respective annular members, each of said rotor rings having an axially projecting segmental pole piece disposed to rotate around the periphery of said stator.

2,438,800
FUEL OIL FILLING SYSTEM
Francis L. Boylan, New Orleans, La.
Application August 13, 1945, Serial No. 610,495
4 Claims. (Cl. 137—68)

1. In a fuel oil filling system of the class described comprising, a plurality of tanks to be filled, a filling system for said tanks, including a manifold valve connecting each tank to said filling system, a stand-pipe connected to said filling system for diverting the flow of fuel oil, a stand-pipe valve in said stand-pipe, means for opening said stand-pipe valve when any one of said tanks become full for diverting the flow away from said full tank, means responsive to the closing of the manifold valve to said full tank for closing said stand-pipe valve, and means for preventing the closing of said stand-pipe valve when all the manifold valves are closed.

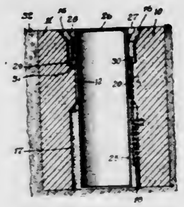


2,438,801
MONITORING AND MEASURING APPARATUS FOR FREQUENCY MODULATED SIGNALS
Rene A. Braden, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Original application February 27, 1942, Serial No. 432,632, now Patent No. 2,369,011, dated February 6, 1945. Divided and this application August 4, 1944, Serial No. 548,083
7 Claims. (Cl. 179—171.5)



1. Apparatus for indicating over-modulation of frequency modulated signals including in combination, a source of frequency modulated signals, a source of oscillations having a frequency exceeding a predetermined frequency modulation limit of said signals, means for mixing said signals and said oscillations to derive beat frequency currents and an indicator responsive only to beat frequency currents derived from over-modulation of said signals exceeding said frequency limits.

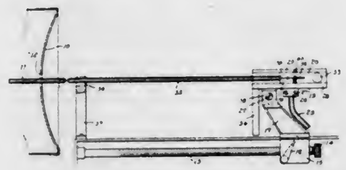
2,438,802
GROUND VASE
Axel S. Carlson, New York, N. Y.
Application August 8, 1945, Serial No. 609,643
2 Claims. (Cl. 47—41)



1. A ground vase including a block of cement or similar material, said block having a bore

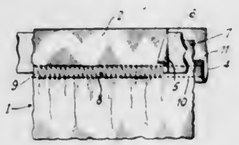
adapted to receive a vase, the top of said bore being enlarged to define oppositely disposed recesses, a vase having an open and a closed end, a pair of oppositely extending flanges adjacent the closed end of said vase and a second pair of oppositely disposed flanges spaced therefrom, said flanges engaging the bottom and sides of said recesses to position said vase in either the open or inverted position.

2,438,803
CARBON CLAMP
Carl E. Graham, Canton, Ohio
Application July 29, 1946, Serial No. 686,933
6 Claims. (Cl. 176—119)



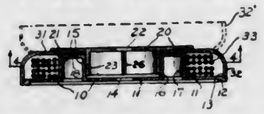
1. A carbon holder for an arc lamp having a movable post therein and feed means for moving the post, said carbon holder comprising an elongated head, means for detachably connecting said head to the post, a clamping member adjustably mounted upon the head and having a socket for receiving one end of the carbon, and means for clamping the clamping member in adjusted position upon the head at any point throughout the length of the head.

2,438,804
BAND FOR GARMENTS
Harry Hardie, Baltimore, Md., assignor to The Nobelt Company, Baltimore, Md., a corporation of Maryland
Application October 20, 1945, Serial No. 623,497
3 Claims. (Cl. 2—237)



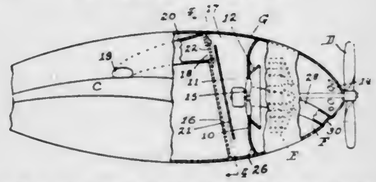
1. An elastic band for a garment, comprising: a U-shaped sheath astride of an edge zone of the garment, the leg of the sheath which is on the inside of the garment having an unhemmed edge and the leg of the sheath which is on the outside of the garment being provided with an inturned hem lying directly against the outer face of the edge zone of the garment, a strip of thin elastic sheet-rubber lying against the inner face of the edge zone of the garment, and first and second longitudinally-extensible rows of stitches extending through the body of the garment and the adjacent parts of said band with covering thread on the inside of the garment extending between said rows of stitches, the first row of stitches passing through the strip of rubber and the second row of stitches being spaced from said strip of rubber, and the covering thread overlying said unhemmed edge of the sheath and protecting it from fraying and holding it flat against said sheet of rubber.

2,438,805
COMBINED STRAND DISPLAY AND TRANSFER REEL
Egbert P. Hoyle, Cortland, N. Y., assignor to Cortland Line Company, Inc., Cortland, N. Y., a corporation of New York
Application September 18, 1946, Serial No. 697,633
3 Claims. (Cl. 242—118)



1. A three-part strand container and combined transfer reel comprising a pair of separable flanges mounted for relative rotation about a common axis, mated spacer means interposed to retain said flanges in definite lateral relationship, said means comprising an annulus having a noncircular bore disposed around said axis and fixedly carried by the inner face of one such flange, a plug component fixedly carried by the inner face of the other flange and having an eccentric superficial contour that is telescoped within and cooperatively shaped with respect to the aforesaid bore to initially provide for a radial clearance gap therebetween, said gap being progressively reduced when said flanges are rotated relative to each other thereby bringing said plug contour into wedged tangential interlock with said bore, and a demountable cup-shaped cover member comprising a reversible dual faced basal wall of ring-shape sized to receive said plug therethrough and having its inner marginal edge region clamped between the annulus and the aforesaid other flange and which basal wall is retained in either of its positions by the plug when wedgingly interlocked with said bore.

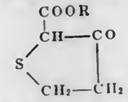
2,438,806
ENGINE NACELLE CONSTRUCTION
Jeners S. Johnson, Los Angeles, Calif.
Application September 4, 1945, Serial No. 614,259
4 Claims. (Cl. 244—53)



1. An air craft having an elongated body shell provided with a propeller in advance of its forward end and an adjacent laterally extending wing structure, a forward compartment within said body shell having air induction ports back of said propeller and an air eduction passage in its rearward end portion, an engine within said compartment for driving said propeller, a blower in said eduction passage for forcing a draft of air cooling medium rearwardly through said compartment, a bulkhead inclined upwardly and rearwardly across the space in said body shell back of said compartment having a rearwardly extending duct from its upper portion extending outwardly and laterally into the air flow over the surface of the aircraft wing structure, and a baffle plate extending over the major portion and spaced in advance of said rearwardly inclined bulkhead for augmenting the muffling of sound emitted by the engine in the engine compartment.

2,438,807
2-CARBALKOXY-3-KETO-TETRAHYDROTHIOPHENE PRODUCT AND PROCESS
Paul Karrer, Zurich, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey
No Drawing. Application March 22, 1943, Serial No. 480,091. In Switzerland May 5, 1942
4 Claims. (Cl. 260—329)

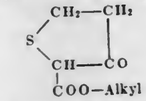
2. A tetrahydrothiophene compound represented by the following formula



where R represents a lower alkyl group.

2,438,808
2-CARBALKOXY-3-KETO-TETRAHYDROTHIOPHENE PROCESS
Anthony William d'Aubigny Avison, Franz Bergel, and John Wynne Haworth, Welwyn Garden City, England, assignors, by mesne assignments, to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey
No Drawing. Application December 18, 1943, Serial No. 514,861. In Great Britain December 22, 1942
2 Claims. (Cl. 260—329)

1. A process for the manufacture of heterocyclic sulphur compounds of the general formula:

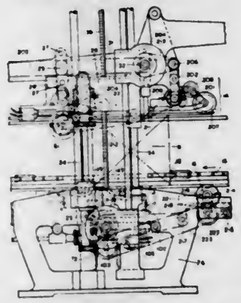


which comprises treating dibasic acid esters of the general formula:

$$R_1OOC.CH_2.S.CH_2.CH_2.COOR_2$$

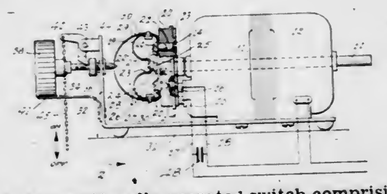
where R_1 and R_2 are alkyl groups with an alkali metal to bring about ring closure with elimination of an alcohol R_2OH.

2,438,809
PACKAGING MACHINERY
James Arthur Kay, Gainsborough, England, assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England, a British company
Application July 8, 1944, Serial No. 544,049
In Great Britain March 29, 1943
3 Claims. (Cl. 91—50)



1. Packaging apparatus of the type described, comprising means for feeding a succession of containers through the apparatus, main glue-applying rollers for applying glue to the whole or part of the inside surface of the outside flaps of said containers, means for adjusting the apparatus for the accommodation of containers of different dimensions, said adjusting means including means for simultaneously adjusting said main glue-applying rollers, an auxiliary glue-applying roller for applying a continuous line of glue to that portion of the outer of the outside flaps which in any container overlaps the inner of the outside flaps, and means operating in synchronism with said adjusting means for adjusting said auxiliary glue-applying roller simultaneously with the adjustment of said main glue-applying rollers to such a position relatively to the width of any container that it applies glue only to certain portions of the outer of the outside flaps.

2,438,810
CENTRIFUGALLY OPERATED SWITCH
Harry L. Lambert, Enfield, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland
Application February 24, 1944, Serial No. 523,677
13 Claims. (Cl. 200—80)

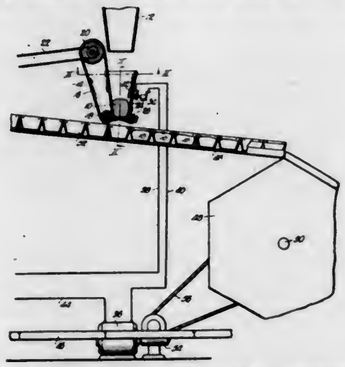


4. A centrifugally operated switch comprising a rotatable element, a flexible, ribbon-like, spring strip secured at both ends to said element at approximately diametrically opposite sides of the axis of rotation of said element, with an intermediate, free, bowed portion extending generally across the axis of rotation, a contact carried by said element at approximately said axis of rotation, a contact carried by said intermediate, bowed portion also at approximately said axis of rotation, said contacts being arranged on that side of said strip which will cause their separation from each other in a direction parallel to said axis when the centrifugal force set up in said spring strip by its rotation is sufficient to overcome the resiliency of the strip and move said intermediate portion in a direction parallel to said axis, spring means acting on said spring strip in a direction to decrease the pressure of said strip in opposition to the centrifugal force, and an abutment acting on said spring means to determine the pressure exerted by said spring means on said strip, whereby the pressure which the centrifugal force acting on said strip must overcome in order to cause relative movement of said contacts through a straightening of the intermediate portion of strip may be varied by moving said abutment to various predetermined position.

2,438,811
DOUGH PRESSING AND FEEDING APPARATUS
Grover N. Le Sage, Kansas City, Mo.
Application March 10, 1945, Serial No. 582,036
4 Claims. (Cl. 107—9)

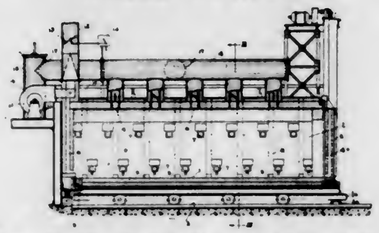
1. A feeding apparatus for dough handling equipment comprising a movable belt for the pans receiving the dough pieces; driving means

for the belt; a chute above the belt through which the dough pieces pass to the pans on the belt; and a switch operable by the passage of dough pieces through the chute for actuating the driving means to advance the belt step-by-step



as the dough pieces successively traverse the said chute, said chute progressively decreasing in cross sectional area as the lowermost end is approached to direct the dough piece against the switch as it passes through the chute.

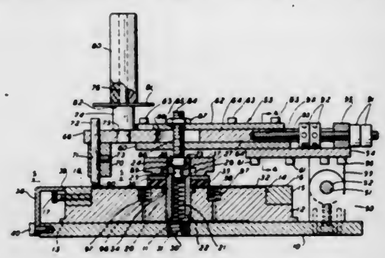
2,438,812
FURNACE AND METHOD OF OPERATING SAME
Fred H. Loftus, Mount Lebanon, Pa.
Application July 31, 1943, Serial No. 496,866
11 Claims. (Cl. 263—43)



1. In a heating or heat-treating furnace, the combination of means for supplying hot gases to the work-containing chamber of the furnace, a valve-controlled outlet for the waste gases of the furnace, a system of outgo flues opening through the side walls of said chamber and communicating with said outlet, a passage leading from the top of said chamber to said flue system, and means in said passage for drawing gases from the top of said chamber and propelling them under augmented pressure into said flue system and thence into said chamber counter to the normal direction of flow of the waste gases in the system, thereby augmenting the circulation of the gases in said furnace chamber.

2,438,813
ENGRAVING APPARATUS
Carl V. Lundeen, Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application September 15, 1945, Serial No. 616,624
12 Claims. (Cl. 33—19)

1. A dial engraving apparatus comprising a base, a circular support rotatably mounted on the base, a calibrated ring rotatably mounted on the support, means for clamping a circular dial to be engraved on the support so that its periphery slidably engages the inner periphery of the calibrated ring, means for selectively clamping the calibrated ring to the support to position



a selected portion thereof with respect to a selected portion of the dial secured on the support, engraving means pivotally mounted on the base, and means for selectively clamping the support to the base to prevent rotation thereof with respect to the engraving means.

2,438,814
CHECKERWORK FOR FURNACES
James E. MacDonald, Latrobe, Pa.
Application November 20, 1944, Serial No. 564,261
3 Claims. (Cl. 263—51)

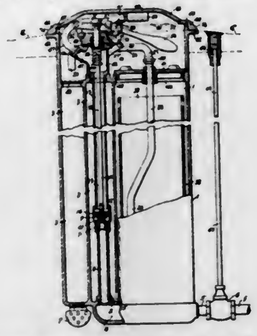


1. Checkerwork for furnaces, comprising vertical flues formed of bricks in superposed relation and each having vertical ribs in abutting relation with ribs of vertically-adjacent bricks, and certain bricks having their vertical edges in abutting engagement with vertical sides of horizontally-adjacent bricks, the said edges having horizontally-extending depressions formed therein, to provide lateral passageways between the flues, the depressions each being symmetrically disposed with respect to the horizontal median plane of its brick, and each being of materially less vertical width than the edge of its brick and having its upper and lower walls so inclined as to have the passageways slope from each flue to another flue.

2,438,815
WATER SERVICE APPARATUS
John T. McGarry, Cincinnati, Ohio; Mary Frances McGarry, executrix of said John T. McGarry, deceased, assignor to Railroad Products Company, Cincinnati, Ohio, a corporation of Ohio
Application April 4, 1944, Serial No. 529,485
6 Claims. (Cl. 137—13)

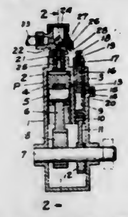
1. In water service apparatus of the character described, underground water-supply means, a riser communicating with said means, a valve controlling flow up through said riser, an embedded box into which said riser enters, a lid to close said box by engaging the upper rim of the box, a detachable flexible hose connection, said lid having a raised enclosing space above the level

of the box rim when the lid is closed, said hose connection being mounted on said lid within said



space above the box rim, and said connection communicating with said riser.

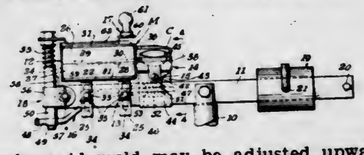
2,438,816
LUBRICATING MEANS FOR INTERNAL-COMBUSTION ENGINES
Edward Moore, Newark, N. J.
Application April 13, 1946, Serial No. 661,980
11 Claims. (Cl. 184—55)



1. A lubricating structure having a pair of closely associated cylinders with pistons therein, one cylinder having a cross air passage therethrough and extending into the other cylinder which serves as an output cylinder having a feed line extending therefrom while the cylinder having the cross air passage serves as a feed or control cylinder, means for automatically closing off the feed line from the output cylinder during one stroke of its piston whereby a vacuum is set up in the cylinder until its piston uncovers said air passage, an oil line connected by a hole to the interior of the feed cylinder, the piston of which has a circular recess that is in alignment with the oil line hole in one position of the feed piston, the recess being in alignment with said air passage in another position of the feed piston and at a time when the output piston uncovers the air passage whereby the air rushing through said air passage into the vacuum set up in the output cylinder, picks up the oil in the feed piston recess and delivers a fine oil and air mixture to the output cylinder ready for discharge therefrom on the next stroke of its piston and means for operating both pistons simultaneously.

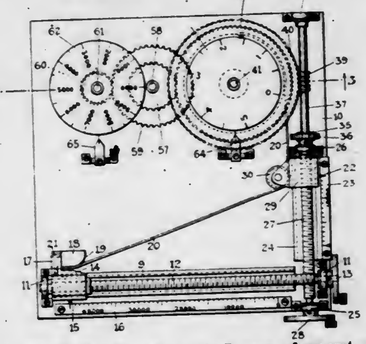
2,438,817
SPINNER
Stanley Nalick, Los Angeles, Calif.
Application October 26, 1945. Serial No. 624,711
4 Claims. (Cl. 18—26)

4. In a centrifugal casting spinner, comprising a horizontal bar mounted on the upper end of a rotatable shaft in a balanceable condition, an actuating mechanism mounted at and on one end of said bar, a mold support on the end portion of said bar adjacent said actuating mechanism, a crucible support slidably mounted on said bar between said mold support and the axis of said rotatable shaft, whereby said crucible support is urged toward said mold support when said spinner is in operation said mold support having means thereon engaging said bar



whereby said mold may be adjusted upwardly and downwardly with reference to said bar and said crucible support, said crucible support having means thereon and engaging said bar whereby said crucible support may be adjusted laterally with reference to said bar and said mold support said actuating mechanism constituting a shifting means for said crucible support and a hold down crank for a mold when a mold is on the mold support.

2,438,818
TRIANGLE SOLVER
William H. Newell, New York, and Lawrence S. Brown, Long Island City, N. Y., assignors to Ford Instrument Company, Inc., Long Island City, N. Y., a corporation of New York
Application October 5, 1945, Serial No. 620,484
10 Claims. (Cl. 235—61)

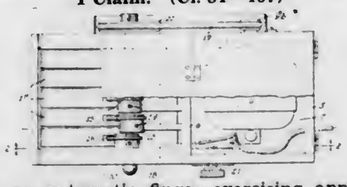


1. Apparatus for computing one element of a triangle having three elements of known value, comprising guide members positioned along two sides of said triangle, a pair of carriages movable along the respective guide members, means positioning said carriages along the respective members, a drum mounted to rotate about a fixed axis, a tape guide carried by the first of said carriages, a tape passing around said guide and having one end secured to the second carriage and its other end secured to and wound onto said drum, means biasing said drum to hold said tape under tension whereby the drum is rotated by the movement of said tape, means positioned by said drum, and means responsive to movement of the first carriage to modify the position of said last means so that the positioned means represents the length of tape between said carriages.

2,438,819
NITRATED ESTROGENIC HORMONES
Joseph B. Niederl, Brooklyn, N. Y.
No Drawing. Application April 28, 1945, Serial No. 590,975
4 Claims. (Cl. 260—397.4)

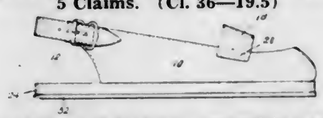
1. A process of producing a nitro estrone which comprises subjecting estrone dissolved in an inert solvent, at an elevated temperature, to the action of concentrated nitric acid.

2,438,820
MUSICAL AUTOMATIC FINGER EXERCISING MACHINE
Jan Obuchowski, Stamford, Conn.
Application April 27, 1945, Serial No. 590,685
1 Claim. (Cl. 84—467)



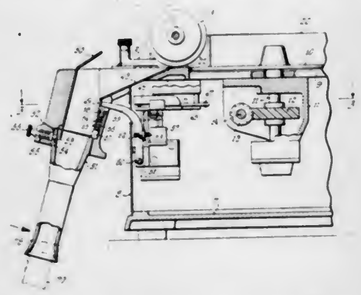
In an automatic finger exercising apparatus comprising a casing, a series of piano keys pivotally mounted in the casing, with the forward portions of the keys exposed upwardly for access to the fingers of a player, and a driven shaft having eccentrics with pitmans operated thereby and individually connected to the keys, the features which consist in that the casing includes three sections, one behind the other, among which sections the first is open to expose the forward portions of the keys, the second is an intermediate chamber having the rear portions of said keys extending into and terminating within it and also having the driven shaft with the eccentrics and pitmans located therein, said chamber having a partition separating the same from the first mentioned casing section exposing the keys, and the third section is also a chamber having a further partition separating it from the intermediate chamber and containing a prime mover connected operatively to the driven shaft for rotation of the latter in said intermediate chamber.

2,438,821
PLATFORM TYPE SHOE AND METHOD OF MAKING SAME
Arthur H. Quinn, Dorchester, Mass., assignor to Universal Shoe Corporation, Sanford, Maine, a corporation of Massachusetts
Application May 17, 1946, Serial No. 670,620
5 Claims. (Cl. 36—19.5)



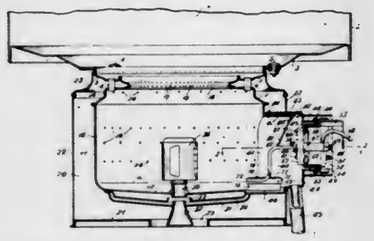
4. An article of footwear comprising an upper and a sock-lining stitched together excepting around the toe portions thereof, the toe portion of the upper being lasted with a lasting allowance thereon laid over upon and cemented to the toe portion of the sock-lining, a wrapper strip stitched only to the upper around the toe portion thereof and stitched to both the upper and the sock-lining rearward of said toe portion, a midsole element, said wrapper strip being turned over the edges of the mid-sole element and secured to the outer marginal portions thereof, and an outsole element secured to the wrapped midsole element.

2,438,822
STARTING CONTROL FOR COIN COUNTING MACHINES
Earl W. Quirk and Arnold R. Buchholz, Watertown, Wis., assignors to Brandt Automatic Cashier Company, Watertown, Wis., a corporation of Wisconsin
Application July 28, 1945, Serial No. 607,558
4 Claims. (Cl. 133—8)



1. In a coin counting machine in which a driven coin feeding wheel is rendered inoperative by the counting mechanism at the termination of a predetermined count and rendered operative by the operation of a starting control member, said coin feeding wheel being associated with a coin discharge passage, the combination of a coin discharge tube forming a continuation of said discharge passage and supported for limited movement, electromagnetically operated means for operating said count starting control member, and control means for said electromagnetically operated means operable by the operator's movement of said discharge tube as when a coin receiving tube is positioned to receive the counted coins from said discharge tube.

2,438,823
ELECTRICAL IGNITER FOR POT-TYPE LIQUID FUEL BURNERS
Marc Resek and Theodore B. Focke, Cleveland Heights, and Joseph R. Kirkpatrick, South Euclid, Ohio, assignors to Perfection Stove Company, Cleveland, Ohio, a corporation of Ohio
Application December 16, 1943, Serial No. 514,468
4 Claims. (Cl. 158—28)

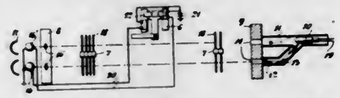


1. In combination with a burner bowl having an opening at one side thereof, a unitary assembly comprising a member of refractory insulating material provided with spaced apertures, electrodes having their outer ends projected through the apertures of said member, means for connecting electrical conductors to the projecting outer ends of the electrodes, an electrical heating element connected to and bridging the inner ends of the electrodes, a yoke attached to one of the electrodes, and a wick supported within and by said yoke with its upper end in close proximity to but spaced from the electrical heating element, the assembly being adapted for application to the bowl with said member disposed across the opening and with the inner ends of the electrodes extending into the bowl through said opening, and means for holding said member in position across said opening.

2,438,824
ALLOYED STEEL
George R. Rich, Battle Creek, Mich., assignor to Rich Manufacturing Corporation, Battle Creek, Mich., a corporation of Michigan
No Drawing. Application December 14, 1945, Serial No. 635,110
2 Claims. (Cl. 75—128)

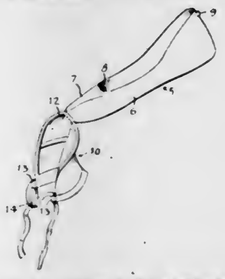
1. A composition for the manufacture of valve steel, containing carbon .15 to .25%; manganese .90 to 1.50%; silicon .75 to 1.25%; phosphorus .020 maximum; sulphur .020 maximum; chromium 20 to 22%; nitrogen .15 to .25%; nickel 10 to 12%; tungsten 2 to 3%, and the remainder iron.

2,438,825
SELECTOR
Bert W. Roth, Riverdale, N. Y., assignor to Trans-Lux Corporation, New York, N. Y., a corporation of Delaware
Application June 16, 1945, Serial No. 599,857
9 Claims. (Cl. 250—41.5)



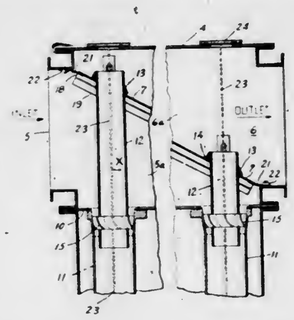
1. A selector including in combination a series of light-sensitive elements, a source of light arranged to act on said elements, a plurality of actuating members mounted for reciprocation, and different permutations of units fixedly associated with said members and movable to interrupt and permit the passage of light rays to said elements.

2,438,826
WOMAN'S PROTECTIVE HOSIERY AND SHOE COVERING
Sophie Sabaneeff, New York, N. Y.
Application January 31, 1946, Serial No. 644,505
2 Claims. (Cl. 36—1)



1. A protective covering for a shoe open at the toe end, comprising a member adapted to fit the lower part of the foot and made of an extremely thin water-proof elastic plastic material, and a sheet of material secured to the toe of said member and adapted to pass through the open toe end of the shoe to envelop the shoe and foot adjacent the ankle region to protect same, said sheet of material having a part shaped to cover the toe end of the shoe, loops attached to the rear part of said sheet of material, and a strap for passing through said loops and under the sole of the shoe and around the ankle to properly position said sheet of material.

2,438,827
DUST COLLECTOR VIBRATOR
John R. Shoffner, Kittanning, Pa.
Application April 2, 1945, Serial No. 586,154
2 Claims. (Cl. 183—76)

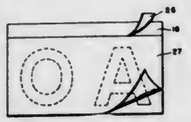


1. In a dust collector, a casing having an outlet port and an inlet port, a tube sheet located within said casing extending across the interior thereof and separating said ports one from the other, a second tube sheet located within said casing extending across the interior thereof and located below the first mentioned tube sheet, a series of open tubes extending through, depending from and supported by said second tube sheet, in combination with means for resiliently supporting said first mentioned tube sheet, a series of open tubes extending through said first mentioned tube sheet with each tube of such series projecting into one of the tubes of the first mentioned series, a collar secured to each tube of the second mentioned series adjacent the upper end thereof and located above the first mentioned tube sheet, a separate gasket covered by each such collar and sealing the joints between the associated tube and said first mentioned tube sheet, a series of flexible blades within each tube of the first mentioned series, surrounding the associated tube of the second mentioned series and constituting a connection between such tubes, and means for imparting vibratory motion to said first mentioned tube sheet.

2,438,828
STENCIL ASSEMBLY WITH REMOVABLE BACKING AND FACING SHEETS
Clair W. Sims, Pasadena, Calif.
Substituted for application Serial No. 541,104, June 19, 1944. This application January 16, 1946, Serial No. 641,423
6 Claims. (Cl. 101—127)

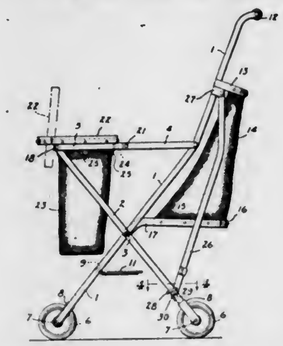
1. A stencil package of the character described, comprising: a sheet forming a stencil body hav-

ing an opening therein, a cut-out, and a filler piece disposed within said opening, the rear faces of said body and said filler piece having an adhesive substance thereon; a tab projecting from one edge of said body; a rear cover sheet removably disposed so as to cover the rear faces of said



body, said filler piece and said cut-out; a tab cover piece removably disposed on the rear face of said tab; and a front cover sheet removably secured to the front face of said stencil, said front cover sheet being so connected to said cut-out that removal of said front cover sheet from said stencil body will remove said cut-out from said opening of said stencil body.

2,438,829
WHEELED CARRIAGE
Max Skolnik, Chicago, Ill., assignor to Leonard A. Fish, Chicago, Ill.
Application May 21, 1945, Serial No. 594,957
14 Claims. (Cl. 280—41)



1. A wheeled carriage having frame members at the sides thereof, a seat mounted between said frame members, a foot rest forwardly of and below the seat, forwardly extending members carried by said frame members above the seat, a receptacle suspended from said forwardly extending members forwardly of said seat, and a table supported upon said forwardly extending members and covering the top of said receptacle.

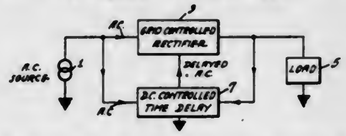
2,438,830
RADIATION PYROMETER HOUSING FOR FURNACES
Clarence W. Snadecki and Ward F. Richards, Bethlehem, Pa., assignors to Bethlehem Steel Company, a corporation of Pennsylvania
Application April 3, 1945, Serial No. 586,292
6 Claims. (Cl. 136—4)

1. The combination with a furnace having a chamber in which material is heated, of a radiation responsive device, a protective casing having an opening for admitting thermal radiation from the material to the radiation responsive device, shutters hinged in said opening, and a slidable sleeve on the casing provided with upwardly projecting arms adapted to push open said shutters upon contact of the sleeve with the ma-



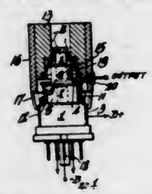
terial and to close them upon withdrawal therefrom.

2,438,831
VOLTAGE REGULATING RECTIFYING CIRCUITS
George C. Sziklai, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application February 24, 1944, Serial No. 523,731
13 Claims. (Cl. 175—363)



1. A voltage regulator circuit comprising a gaseous discharge rectifier tube, means for applying alternating potentials to said tube to derive rectified potentials therefrom, a reactance tbue responsive to said alternating and rectified potentials, and means including said reactance tube connected to said gaseous rectifier tube for controlling the conducting interval of said gaseous rectifier tube for each cycle of said applied alternating potentials in response to the effective reactance of said reactance tube to regulate the magnitude of said derived rectified potentials.

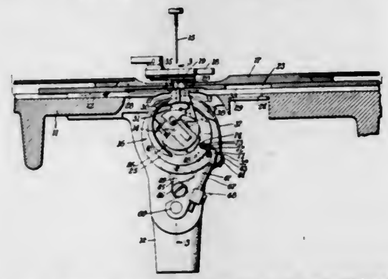
2,438,832
OSCILLATOR FOR CENTIMETER WAVES
Alfred H. Turner, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application September 16, 1943, Serial No. 502,702
10 Claims. (Cl. 315—39)



1. An ultra-high-frequency oscillator including a thermionic tube having at least an anode,

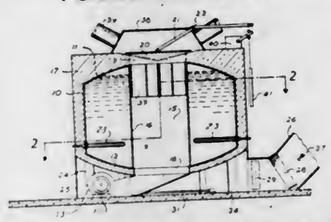
a cathode and a control electrode, means including first inductive means and first capacitive means connected between said control electrode and said cathode, means including second inductive means and said capacitive means connected between said anode and said cathode, said first and said second inductive means being mutually coupled and portions thereof being disposed substantially coaxially with said tube to provide regenerative feedback to sustain oscillations in said circuit.

2,438,833
THREAD PULL-OFF MECHANISM FOR SEWING MACHINES
Alfred R. Wood, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application August 21, 1945, Serial No. 611,724
10 Claims. (Cl. 112—242)



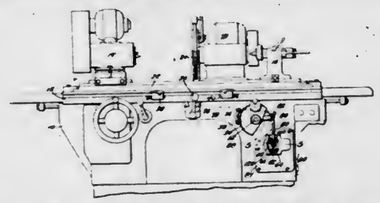
1. A sewing machine having, in combination, a thread-carrying reciprocatory needle, a circularly moving loop-taker cooperating therewith, a bobbin-thread-mass enclosing means journaled in said loop-taker, a rotation-restraining projection on said thread-mass enclosing means having a pair of spaced thread-directing guides, and a thread pull-off member adapted to engage the bobbin-thread between said thread-directing guides during each stitch-forming cycle.

2,438,834
HEAT STORING HOT-AIR CIRCULATING APPARATUS
Lloyd L. Wartes, Opportunity, Wash.
Application December 14, 1944, Serial No. 568,163
7 Claims. (Cl. 219—38)



1. A heating apparatus comprising a reservoir containing a heat exchange liquid, an electric heating element immersed in the liquid in said reservoir, means including wall portions of said reservoir defining an air duct, a plurality of fins arranged in a heat exchanging relation with respect to the liquid in said reservoir and extending into said duct, a heat insulating enclosure for said reservoir and said duct, an air inlet to said duct, an outlet for said duct, a hood surrounding said outlet, air distribution pipes connected to said hood, blower means for forcing air through said duct, heat insulated closure means for said duct outlet for precluding flow of air therefrom, means for opening said closure means, control means for said blower and said closure means whereby said blower is turned on simultaneously with the opening of said closure means and vice versa.

2,438,835
CROSS-FEED MECHANISM
Hans C. Weimar, Providence, R. I., assignor to Brown and Sharpe Manufacturing Company, Providence, R. I., a corporation of Rhode Island
Application January 14, 1947, Serial No. 722,002
13 Claims. (Cl. 51—165)

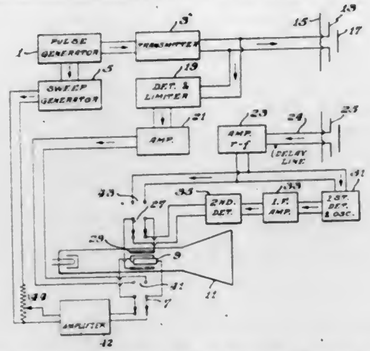


1. In a machine tool having a work support adapted for translatory movement and a tool support adapted for cross feeding movement relatively to the work support, the combination of a cross feed mechanism for the tool support, which comprises a cross feed screw and nut, a cross feed ratchet and pawl, a crank connected to reciprocate the pawl, reversing dogs on the work support and a reversing lever actuated thereby, and means controlled by movement of the reversing lever for selectively moving the crank through approximate 180 degree and 360 degree angles of rotation, comprising a pair of toothed racks, and a connection from the reversing lever for imparting to-and-fro movement to said racks, and gear connections with the crank selectively connectible with said toothed racks.

2,438,836
PULSE ECHO DISTANCE MEASURING SYSTEM
Irving Wolff, Merchantville, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application July 31, 1941, Serial No. 404,845
18 Claims. (Cl. 343—13)

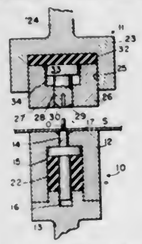
7. A radio frequency pulse echo system including, in combination, a sweep voltage generator, a keyer synchronized with said generator, a transmitter connected to said keyer, means connected to said transmitter for radiating pulses of radio frequency energy, a cathode ray tube including means for deflecting said ray along a distance scale as a function of said sweep voltage, and means for deflecting said ray along an amplitude scale, means for amplifying said sweep voltages whereby shorter distances may be indicated on said distance scale, a radio receiver including means for amplifying the radio frequency components of said pulses and for detecting said pulses, means for applying timing currents derived from the transmitted radio frequency currents to said amplitude scale of said cathode ray tube to mark said shorter distances, and means including said receiver for deflecting said ray on said amplitude scale in response to the radio frequency components of an echo pulse

derived by reflection from objects within a predetermined distance and in response to the de-



tected pulses derived by reflection from objects located beyond said predetermined distance.

2,438,837
TOOL AND METHOD FOR DIMPLING
James O. Archer, Burbank, and Douglas S. Salmi, Glendale, Calif., assignors to Lockheed Aircraft Corporation, Burbank, Calif.
Application November 9, 1944, Serial No. 562,596
16 Claims. (Cl. 153—21)



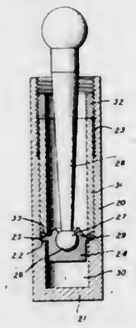
1. A dimpling tool comprising two elements, one a die assembly the other a punch assembly, one element being movable toward the other, the die assembly having a work engaging surface and a dimple depression, a punch on the punch assembly for forming a dimple in said depression and having a forging surface for engaging the work within the dimple, a yieldingly supported ram on the die assembly opposing the forging surface whereby the material at the inner margin of the dimple is forged, and a pressure member on the punch assembly for clamping the work against said surface to resist flow of the material of the work in the area around the dimple during the forming of the dimple and the forging of said material.

16. The method of dimpling a work piece having an opening which comprises resisting material flow in the work piece in directions outwardly from the area around the opening and which is to be dimpled by subjecting an annular zone of the work piece around said area to compressive forces, then forming a dimple in said area around said opening by acting on said area with forming tools while said compressive forces are maintained on said annular zone, and acting on the portion of said area immediately contiguous to said opening, during substantially the entire step of forming the dimple, to forge the material in said portion and cause a radially outward material flow in said area being dimpled.

2,438,838
PROCESS FOR THE PRODUCTION OF THIOPHENOLS
Seaver A. Ballard, Oakland, and De Loss E. Winkler, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application April 26, 1944, Serial No. 532,888
18 Claims. (Cl. 260—609)

1. A process for the production of thiophenol which comprises reacting phenol with hydrogen sulfide in the presence of an activated bauxite catalyst at a temperature of about 550° C. and at a pressure above about 400 pounds per square inch.

2,438,839
PLUNGER
Louis Beeh, Long Meadow, Mass., assignor to Bulova Watch Company, Inc., New York, N. Y., a corporation of New York
Application July 16, 1945, Serial No. 605,405
2 Claims. (Cl. 309—20)

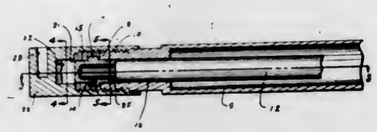


1. A plunger and connecting rod assembly for a multiple injection pump or the like comprising a hollow cylindrical plunger body closed on one of its ends and having an inner shoulder, a ball headed connecting rod, a hollow, spherical bearing member fitting said connecting rod, and including an outer flange, a tubular member fitting the inner wall of said body and extending between the other end of said body and said flange and constituting a means to hold said flange bearing against said shoulder, said flange being so dimensioned as to break when said connecting rod causes on said member a load substantially exceeding the maximum pressure in normal operation, and said plunger forming between said closed end and said shoulder a chamber of a length at least equal to the intended plunger stroke and of sufficient width to permit the connecting rod when a break of said flange occurs, to reciprocate said member in said chamber.

2,438,840
ELECTRODE HOLDER
Charles Camilleri, Detroit, Mich., assignor to Bordon Mfg. Co., Inc., Detroit, Mich., a corporation of Michigan
Application November 23, 1944, Serial No. 564,807
5 Claims. (Cl. 219—8)

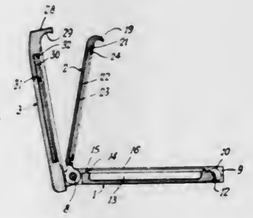
1. A device of the class described comprising: a tubular handle of insulating material; a metallic cable connector projected at one end into one end of said handle and extending outwardly at its opposite end from said handle; an electric

cable secured at one end to said cable connector and terminating at its end adjacent the end of said cable connector; means for rotatably mounting said cable connector on said handle in fixed axial relation thereto; and a head threaded onto said end of said handle and movable axially thereof upon relative rotation thereto, said head having a bore for reception of the outer



end of said cable connector and provided with a lateral opening extending into said bore for insertion of an electrode thereinto across the face of the outer end of said cable connector, a relative rotation of said head and said handle effecting a clamping of said electrode against the end face of said cable connector, said connector being freely rotatable relatively to said head.

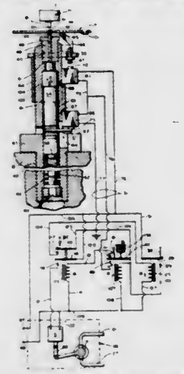
2,438,841
COMPACT
Joseph Casalino, Forest Hills Gardens, N. Y., assignor to Nuvoplas Corporation, New York, N. Y., a corporation of New York
Application December 12, 1944, Serial No. 567,805
7 Claims. (Cl. 132—83)



1. A compact comprising three plastic molded elements consisting of a container having a powder cavity, a lid for the powder cavity, and a main cover overlying the container and lid; said container having hinge knuckles projecting outwardly from the rear of the container, an upstanding tongue integral with the container and substantially surrounding the powder cavity, and said container also having two undercut recesses of different depth in the front wall thereof opposite said hinge knuckles; said lid for the powder cavity having outwardly and downwardly projecting hinge knuckles adapted to mesh with certain of the container knuckles, a groove in said lid adapted to register with said tongue, and a resilient tab on said lid having an inwardly directed portion adapted for snap-engagement with the undercut of the deeper of said recesses; said main cover overlying said hinge knuckles and itself having downwardly projecting knuckles adapted to mesh therewith, and a resilient tab on said cover having an inwardly directed portion adapted for snap-engagement with the undercut of the other of said recesses and overlying said first-mentioned tab.

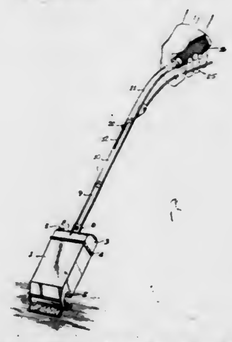
2,438,842
AUTOMATIC DIMPLER
Edwin V. Christensen, Hollywood, Calif., assignor to Lockheed Aircraft Corporation, Burbank, Calif.
Application March 7, 1944, Serial No. 525,412
9 Claims. (Cl. 153—21)

1. In combination with a tool for forming sheet metal, a trigger adjacent the forming portion of



the tool and adapted to be actuated by contact with work material to be formed, a movable pilot member adjacent the forming portion of the tool and adapted to be retracted by improper contact with the material and to project upon registering with a reference element in the material to be formed, a power relay, a switching mechanism adjacent the forming portion of said tool, and means cooperatively associated with said trigger and pilot members to actuate said switching mechanism to cause said power relay to be actuated only when material is properly positioned with respect to said tool in contact with said trigger member and simultaneously in registration with said pilot member, and a time delay means associated with said power relay to limit the actuation of said tool to a single forming operation for each such proper position of the work material.

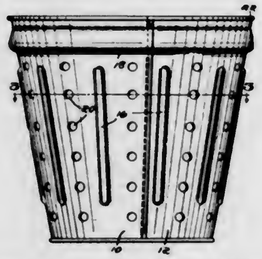
2,438,843
FLOOR PASTE WAX SPREADER
Alpoim Corrêa, Rio de Janeiro, Brazil
Application June 23, 1944, Serial No. 541,833
In Brazil December 24, 1943
3 Claims. (Cl. 91—25)



1. A floor paste dispenser comprising a sectional tubular handle portion, a dispensing container at the lower end of said handle portion

adapted to contain paste wax, a piston within said container, a piston rod connected to said piston and extending into said handle portion, a toothed rack bar contained in said handle portion, means connecting said piston rod to said rack bar, a hand lever pivotally connected to said handle portion, and a trigger operatively connected to said lever and to said rack and adapted to impart a step by step dispensing movement to said piston and to the wax in said container, the dispensing container being provided with a hinged cover, said cover being provided with an inner and an outer concentric tubular extension, said tubular handle being received between said concentric tubes and secured thereto by means carried by the outer concentric tube, the inner concentric tube receiving the piston rod and acting as a guide therefor.

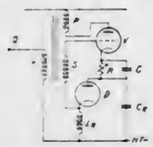
2,438,844
BASKET
Wallace W. Dale, Barre Center, N. Y.
Application June 20, 1945, Serial No. 600,441
1 Claim. (Cl. 220—83)



A portable metal container having a bottom and a surrounding perforated side wall of stiff sheet material having a beaded top edge, the side wall tapering inwardly and downwardly to the bottom, the top being open, characterized in that a portion of said side wall, located in close proximity to its top edge, extends outwardly from the main line of its taper and also extends downwardly at a distance outwardly from that line and forming a substantially frusto-conical surface and having a return bend in an arcuate path to that line, these said extents of side wall constituting an interior lug facing downwardly, an interior recess under that lug, and an exterior lug facing downwardly, the said lugs, recess and edge of the wall being combined to constitute a continuous peripheral handle by which the container can be carried when grasped by hands astride the edge without a strong frictional grasp being required.

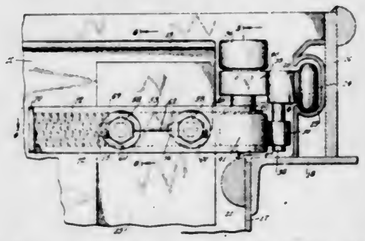
2,438,845
RELAXATION CIRCUITS FOR PRODUCING ELECTRICAL IMPULSES AT REGULAR RECURRENCE FREQUENCIES
John Mathieson Dodds, Timperley, and Graham John Scoles, East Sheen, London, England, assignors to Metropolitan-Vickers Electrical Company Limited, London, England, a company of Great Britain
Application December 18, 1943, Serial No. 514,866
In Great Britain June 26, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires June 26, 1962
4 Claims. (Cl. 250—36)

2. A relaxation circuit for producing electrical impulses at regular recurrence frequencies, comprising a relaxation oscillator including an inductance effectively connected in circuit therewith, and means including a rectifier and a condenser with which said rectifier and inductance



resonate at one-half the frequency of said relaxation oscillator for preventing current reversal in the inductance and thereby causing rapid change of potential at the input of said oscillator to initiate an impulse.

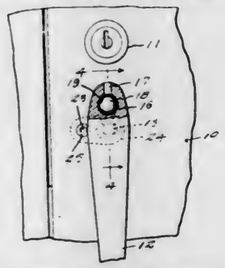
2,438,846
ROLLING HATCH BEAM ASSEMBLY
John G. Deegan, Bronxville, N. Y.
Application January 18, 1945, Serial No. 573,347
8 Claims. (Cl. 114—201)



2. In combination with a hatchway having coamings, and supports for hatch beams, along opposite sides, a hatch beam adapted to rest on said supports, tracks supported by the hatch coamings, roller means adapted to roll along said tracks and mechanisms for raising and lowering said beam from and to its supports, said mechanisms each comprising a member slidably secured to said beam, a roller carrying member, means rotatably associated with said roller carrying member and engaging said first-named member to effect displacement thereof with respect to the roller carrying member, and resilient means tending to bring said slidable members on opposite ends of the hatch beam together to prevent binding of the beam.

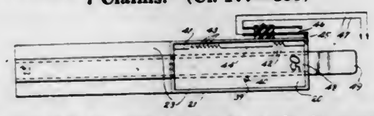
2,438,847
DOOR LOCK LIGHT
Delbert B. Dreese, Larned, Kans.
Application February 12, 1945, Serial No. 577,537
2 Claims. (Cl. 240—2.13)

1. A door lock light for a metal door having a horizontal lever handle pivoted at one end, a lock key hole in vertical alignment above the pivot of said handle, comprising a light bulb in said handle forwardly of the pivot thereof and disposed in a plane parallel to said pivot, said handle formed with an inwardly opening socket within which said bulb is disposed, a contact on said bulb constantly engaging said door, spring means engaging said bulb and the outer end of said socket biasing said contact into engagement with said door, said handle formed with a forwardly directed opening from said first opening through which the light from said bulb may be emitted, an insulating plate on said door formed with a depression adjacent said pivot in a horizontal plane therewith, said contact engageable in said depression in the horizontal position of said lever, and an electric circuit including said door and said contact for lighting said bulb upon rocking said handle from the



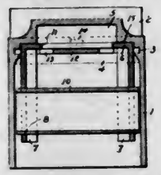
horizontal position thereof whereupon said contact engages said door and the light is directed through said forwardly directed opening for lighting said key hole in the vertical position of said handle.

2,438,848
MULTISELECTIVE PHONOGRAPH
John F. Eakins, Evanston, Ill., assignor to J. P. Seeburg Corporation, Chicago, Ill., a corporation of Illinois
Application April 20, 1944, Serial No. 531,902
7 Claims. (Cl. 177—353)



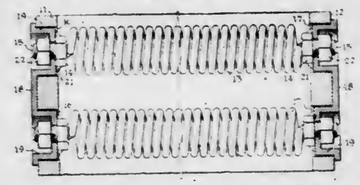
1. In an automatic phonograph, in combination, an impulser arranged to transmit different trains of impulses comprising a plurality of tokens of generally flat form arranged to be stacked, each token having an individual member of switch actuating formations, a receptacle adapted for the manual insertion of a stack of tokens, means for dispensing said tokens one at a time from one end of said stack and normally conditioned for repeatedly dispensing the tokens, a switch arranged to be closed by each switch actuating formation on each dispensing token as it is being dispensed to create a series of impulses of the same number as the switch actuating formations, a plurality of selector members, means responsive to said series of impulses to displace an individual selector member, and means controlled by a displaced selector member for rendering said dispensing means inoperative.

2,438,849
PISTON WRIST PIN CARRIER
Henry Forster, Broadview, Ill.
Application March 8, 1946, Serial No. 652,883
4 Claims. (Cl. 309—19)



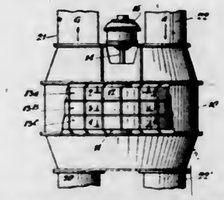
3. A piston comprising a shell having a internally recessed top and a wrist-pin-carrier-receiving seat and having a continuous un-interrupted skirt located next to said seat and having an internal annular groove and a bevelled surface entrance to said groove; a wrist-pin carrier having a top to fit within said shell against said seat and having an opening in its top and having wrist-pin-carrying legs; a wrist pin mounted in said legs; and a spring retainer of S-shape having locking segments fitted into said groove to hold said wrist-pin carrier in place.

2,438,850
TERMINAL CLIPS
Chin Jim Fot, Logan, W. Va., assignor to Guyan Machinery Company, Logan, W. Va., a corporation of West Virginia
Application September 23, 1946, Serial No. 698,615
2 Claims. (Cl. 201—63)



1. The combination of an apertured insulator; an elongated resistor so dimensioned that it may be moved to position endwise through the aperture in the insulator, said resistor having at its end a laterally flattened collar and a threaded stem projecting endwise beyond the collar; a flanged centrally apertured cup-like conducting bushing mounted with its cupped portion confined in the aperture in the insulator and its flange engaging the face thereof, said bushing having means which engage the flattened collar to inhibit relative rotation of the collar and bushing after the stem is inserted through the aperture of the bushing; and a nut threaded on the stem housed in the cupped portion of the bushing and serving to clamp the bushing to the collar.

2,438,851
PLATE ARRANGEMENT FOR PREHEATERS
Robert M. Gates, Scarsdale, N. Y., assignor to The Air Preheater Corporation, New York, N. Y.
Continuation of application Serial No. 424,562, December 27, 1941. This application November 1, 1943, Serial No. 508,452
4 Claims. (Cl. 257—6)



1. In a regenerative air preheater or the like having a rotor comprising a cylindrical shell divided by radial partitions into a plurality of sector-shaped compartments for carrying regenerative heat exchange material through air and gas passages formed in the heater housing, and inlet and outlet ducts for hot gas and relatively cool air so connected to opposite ends of said passages as to provide for counterflow of the hot

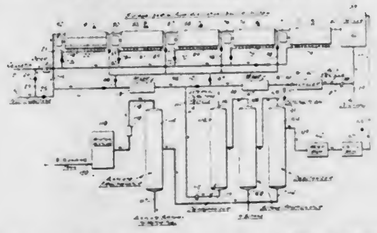
and cold gases through said preheater; regenerative heat exchange material comprising a plurality of superimposed layers of substantially parallel plates mounted in the rotor compartments and formed with corrugations spacing the plates and disposed generally parallel to the direction of fluid flow to form a multiplicity of channels parallel to the direction of fluid flow with the plates in the layer nearest the air inlet and gas outlet end of the rotor having corrugations of greater depth than those in the other layers so as to provide channels of greater cross-sectional area through the first mentioned layer.

2,438,852

MULTISTAGE ALKYLATION METHOD

Arthur R. Goldsby, Beacon, and Claude W. Watson, Eastchester, N. Y., assignors to The Texas Company, New York, N. Y., a corporation of Delaware

Application January 23, 1945, Serial No. 574,136
4 Claims. (Cl. 260—683.4)



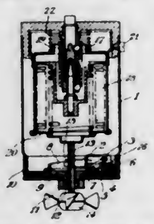
1. In the alkylation of a paraffin having a tertiary carbon atom in the molecule with an alkylating agent in the presence of an alkylation catalyst, the method which comprises introducing the major portion of the said paraffin together with the alkylation catalyst into the first stage of a multistage alkylation system and flowing the same serially through the system, splitting the feed of the said alkylating agent between the various stages, introducing the alkylating agent into each stage by multipoint addition involving injection of the alkylating agent in finely-divided droplets not exceeding ¼ inch in diameter from a large number in excess of five injection points spaced widely from each other and throughout a major portion of the reaction mix of each stage, and controlling the rate of addition of alkylating agent to each stage in accordance with the said paraffin concentration in the reactor hydrocarbon of each stage.

2,438,853

BAROMETRIC FUZE

Hugh Charles Hebard, Greenford, England

Application February 23, 1945, Serial No. 579,384
In Great Britain May 31, 1943
5 Claims. (Cl. 102—70)



1. A barometric fuze device comprising a casing embodying relatively adjustable sections, a firing pin and releasable restraining means therefor mounted in one of said sections, an aneriod capsule carrying means movable thereby for controlling said restraining means, a stop carried by the other casing section and settable by relative adjustment of the casing sections to predetermine the range of positions which the capsule may assume, a cam mounted rotatably in said other casing section and adjustable to vary the position of said stop, a scale and cooperating pointer for indicating the adjustments of the cam, and means for adjusting the stop to different positions corresponding to different indications on the scale.

2,438,854

METHOD AND MATERIAL FOR THE PRODUCTION OF TOY BALLOONS

Jens Gunner Jakobsen, Copenhagen, Denmark, assignor to Niels B. Bach, New York, N. Y.

No Drawing. Application July 31, 1947, Serial No. 765,266. In Denmark August 7, 1946
4 Claims. (Cl. 46—87)

1. The method of blowing toy balloons from a plastic composition of polyvinyl acetate dissolved in a volatile organic solvent which comprises placing a gob of the composition on a tube and at room temperature blowing gas through the tube to expand the gob in an unconfined space and form a balloon, and while expanding the balloon evaporating the solvent leaving a tough gas-tight and dry material forming the finished balloon.

2,438,855

PROCESS OF MODIFYING STARCH

Ralph W. Kerr, Riverside, and Norbert F. Schink, Oak Park, Ill., assignors to Corn Products Refining Company, New York, N. Y., a corporation of New Jersey

No Drawing. Application February 25, 1942, Serial No. 432,248
8 Claims. (Cl. 260—209)

5. Process of modifying sweet potato starch for use as a gelling agent which comprises: introducing into a water suspension of the starch 0.077%–0.155% of dry substance formaldehyde based on the dry substance starch and enough acid to give the suspension a pH of 1.6–2.0; heating the suspension for 3–6 hours at a temperature of 100°–105° F.; neutralizing the suspension to a pH of 6.2–6.8; filtering the suspension; re-suspending the filter cake in water; adding enough sodium bisulfite to react with the free formaldehyde; filtering the suspension and washing and drying the resultant modified starch.

2,438,856

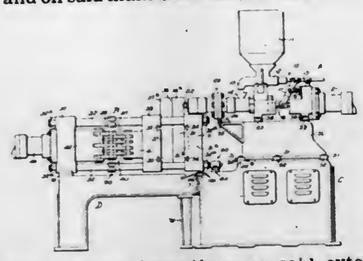
INJECTION MOLDING MACHINE

Edward R. Knowles, Nashua, N. H.

Application February 5, 1944, Serial No. 521,171
1 Claim. (Cl. 18—30)

Plastics molding apparatus comprising, in combination, a plurality of assembly units mutually adapted for installation in different selected operative relations, said units including a material feeding, conditioning and injecting unit provided with spaced mounting and securing formations along its under surface, a main base unit adapted to house actuating and control means for the apparatus, an auxiliary support attached to said main base unit, a molding press mounted on said auxiliary support and adapted to secure molding die parts in operative relation to said injecting unit, mounting and securing formations on said main base unit complementary to those on said

injection unit and having identical spacing, and a demountable top extension disposed horizontally between said units and provided with upper and lower mounting and securing formations complementary respectively to those on said injection unit and on said main base unit, the upper mounting and securing formations on said extension being displaced laterally from the lower formations thereof, whereby said injecting unit may be secured directly to said main base unit in one lateral relationship, or indirectly through the intermediary of said extension at a higher level and in a different lateral relationship.

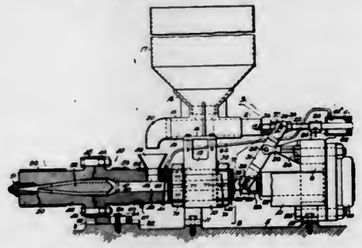


2,438,857

INJECTION UNIT FOR PLASTICS MOLDING

Edward R. Knowles, Nashua, N. H.

Application February 24, 1944, Serial No. 523,678
5 Claims. (Cl. 18—30)



1. In a charging apparatus for plastics molding, a supporting frame, a material conditioning and discharging element associated therewith and having a conditioning chamber, a longitudinal bore leading to the chamber and a charging plunger reciprocable in the bore, between advanced and retracted positions, a feed port communicating laterally with the bore ahead of the retracted plunger position, means for intermittently depositing quantities of molding material through said feed port and into the adjacent bore portion, and other means independent of said material depositing means for distributing the in-fed material forwardly along the bore in advance of the plunger, and means for causing simultaneous operation of said depositing means and said distributing means.

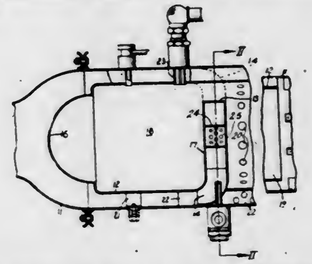
2,438,858

LIQUID-FUEL COMBUSTION CHAMBER

William Henry Lindsey and Sidney Allen, Coventry, England, assignors to Armstrong Siddeley Motors Limited, Coventry, England

Application July 20, 1943, Serial No. 495,523
In Great Britain September 11, 1942
4 Claims. (Cl. 158—28)

1. A liquid fuel combustion apparatus for an internal combustion power plant including a tube for supplying compressed air to the apparatus, a cylindrical thimble-like member positioned coaxially within said tube with its closed end directed towards the flow of compressed air through said tube, a cylindrical drum-like part of heat conductive material constituting a combustion-initiating chamber positioned coaxially within and spaced from the cylindrical wall of said thimble-like member, means for supplying primary air from said tube to said combustion-initiating chamber, and means for supplying liquid fuel under pressure to said chamber, said combustion-initiating chamber having, in its end wall facing the closed end of said thimble-like member, an aperture concentric with the axis of said chamber providing a sharp-edged outlet orifice into said member for producing turbulence in the burning mixture to facilitate its complete combustion within said member, and the closed end of said member deflecting, in counter-flow, the burning mixture externally around the combustion-initiating chamber to heat the same.

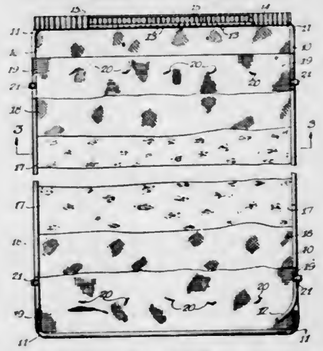


2,438,859

MOISTURE RETAINING PAD FOR AIR COOLING DEVICES

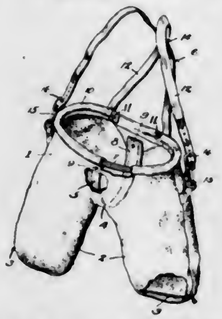
Martin E. Marsalis, Fort Worth, Tex.

Application September 14, 1945, Serial No. 616,184
3 Claims. (Cl. 299—20)



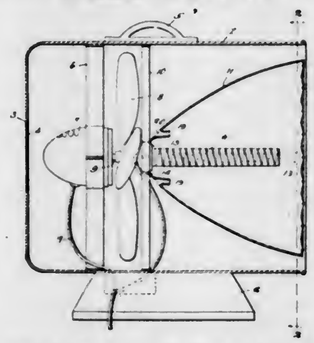
1. In a moisture pad for cooling devices, the combination with a tubular frame having orifices in portions thereof mounting brackets therefor, a porous moisture retaining material arranged in the said frame and having substantially the same thickness as the said frame to form a pad, a fabric covering enveloping the said pad and a wire mesh covering the said fabric and the said frame, means tying the said pad and coverings in a compact unit and means for admitting a liquid into the said tubular frame to be discharged through said orifices.

2,438,860
FRUIT PICKER'S SACK
Christopher G. Miller, Rifle, Colo.
Application November 21, 1944, Serial No. 564,525
1 Claim. (Cl. 150—2)



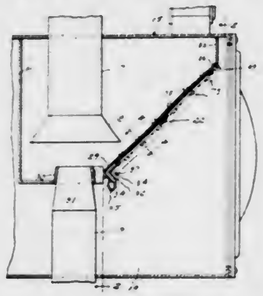
A sack for the convenience of fruit pickers, for example, and comprising a flexible body having depending, flexible bifurcations defining a crotch, a wide expansible U-shaped spring retained in the crotch and extended from a place near the upper, rear edge of the body to a place near the upper, forward edge of the body, the spring constituting means for holding the upper end of the body open, along the median, front-to-back plane of the body, and forming a baffle functioning to check the downward movement of the fruit, and preventing bruising, as the fruit descends into the bifurcations, in combination with an expansible, circumscribing spring mounted on the upper end of the body, and constituting means for holding the upper end of the body open, from front to back, and from side to side, on opposite sides of the U-shaped spring, and means for suspending the sack from the person of the user.

2,438,861
ELECTRIC HEATER
Joseph Neiser, Miami, Fla.
Application March 12, 1945, Serial No. 582,315
1 Claim. (Cl. 219—39)



An electric heater including a drum and a reflector each open at one end, the reflector being mounted in the drum with its open end substantially flush with the open end of the drum, said end of the reflector being relatively smaller than said end of the drum and concentric therewith, whereby to define a circumferential space surrounding the end of the reflector, relatively closely spaced and substantially parallel nozzles in the closed end of the reflector extending toward the open end thereof, a heating unit mounted in the closed end of the reflector between the nozzles and substantially parallel thereto, whereby air jets expelled through the nozzles will be directed longitudinally of the heating unit in lines close to and parallel with the heating unit, and a blower mounted in the drum back of the reflector, said blower constituting means for simultaneously expelling jets of air through the nozzles, and expelling air surrounding the reflector through the circumferential space between the open ends of the reflector and drum.

2,438,862
SPARK ARRESTER FRAME FOR LOCOMOTIVES
Benjamin H. Pedigo, Jackson, Tenn.
Application February 16, 1945, Serial No. 578,222
5 Claims. (Cl. 110—122)

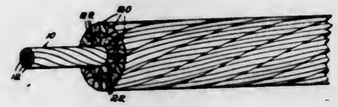


1. In a conventional locomotive boiler having a firebox and a smoke box, means communicating with the firebox through its rear wall and with said smoke box for directing the smoke from the firebox to said smoke box, a smokestack extending through the top wall of said smoke box, a nozzle through the bottom of said smoke box aligning with the smokestack, and a baffle secured at its top edge to the top of the smokebox within the smokebox between the stack and nozzle and the point at which the smoke directing means communicates with the smoke box, the side walls of said baffle being secured to the side walls of the smokebox extending downwardly and forwardly from said top edge to a point forwardly of the nozzle, said baffle surrounding the nozzle and having its free edge spaced above the bottom of the smokebox whereby to provide a passageway for the gases of combustion therebeneath and up around said free edge to the stack, a spark arresting means comprising a stationary screen supporting frame disposed in said smokebox, said frame comprising an upper bar fixed within the smokebox to the top thereof forwardly of the stack and nozzle transversely of the smokebox, a pair of opposed side bars extending downwardly from said first bar in contact with the sides of the smokebox to the free edge of the baffle, said side bars being formed with spaced apart elongated slots, a lower horizontal bar extending between the lower ends of said side bars and connected to said free edge of the baffle, means removably supporting said lower bar from said nozzle, screens across the space between the bars and the free edge of the baffle, said screens comprising opposite side screen members, outwardly extending hooks relative to one face of the side screens carried by the outer portions of said side screen members and engageable in said slots for detachably securing said side screen members to said frame, outwardly extending hooks relative to the other face of the side screens carried by the inner portions of said side screen members, and said screens also comprising a central screen member formed with spaced slots in the opposite side portions thereof for receiving said upwardly directed hooks to thereby detachably secure said central screen member to said side screen member.

2,438,863
NONFERROUS ALLOY
Clarence O. Prest, Burbank, Calif., assignor of one-half to Lockheed Aircraft Corporation, Burbank, Calif.
No Drawing. Application January 2, 1945, Serial No. 571,113
3 Claims. (Cl. 75—166)

1. A punch and die alloy of the class described consisting of antimony 25% to 30%, copper from a trace to 1%, and the balance lead.

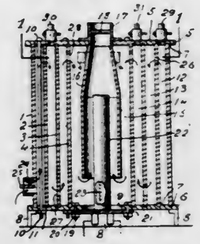
2,438,864
ROPE
Stephen A. Reed, Duxbury, Mass., assignor to Plymouth Cordage Company, North Plymouth, Mass., a corporation of Massachusetts
Application January 10, 1945, Serial No. 572,107
4 Claims. (Cl. 57—144)



1. A rope strand consisting of spun yarns which carry the tensile stresses of the strand and occupy the whole cross section of the strand and are so many in number that some of them are surrounded by others of them, characterized in that each of these yarns is equal to each other of them in length; and in that the whole number of these yarns is divided into groups, each of these groups being twisted on its own axis in form for every yarn of that particular group to meet every other yarn of that group at the axis of the group, the said groups severally constituting units in the strand, formed with one of those group units constituting a core located at the axis of the strand, surrounded by every other said group; every yarn group which surrounds another yarn group being longer, in a given length of strand, than is that group which it surrounds in that same length of strand, but having longer twist-pitch about its own axis than the twist-pitch of the said surrounded group; those said group units which are most distant from the axis of the strand constituting the exterior wearing surface of the strand; whereby the strand combines equality of lengths of all yarns with flexibility and stability of the strand.

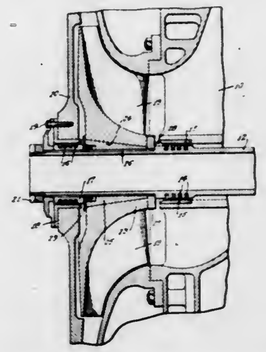
2,438,865
RAPID ELECTRIC FLUID HEATER
Leonard A. Rehard, Kansas City, Mo.
Application April 6, 1946, Serial No. 660,123
1 Claim. (Cl. 219—39)

In a heating unit, in combination with spaced apart tubes of different diameters one within the other, of two heads provided respectively on their inner sides with concentric grooves in which are respectively tightly fitted opposite ends of said tubes forming chambers concentrically in said tubes, means for fastening said heads to said tubes, a fluid discharge pipe extending through one of said heads into the innermost of said tubes and spaced from the other of said heads, a heating element supported by said other head in the innermost of said chambers, the outermost of said tubes having a fluid inlet passage, the inner ones of said tubes having respectively through them



fluid passages connecting adjacent chambers, the fluid passages of next adjacent ones of said tubes being located respectively adjacent to opposite ones of said heads, and valved fluid discharge tubes communicating respectively with different ones of said chambers.

2,438,866
IMPELLER MOUNTING
Albert M. Rockwell, Glastonbury, and Albert H. Beaufrere, Manchester, Conn., assignors to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application June 1, 1945, Serial No. 597,129
16 Claims. (Cl. 230—134)



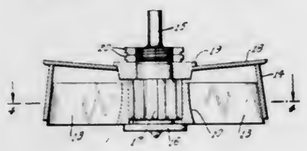
1. Apparatus for shrinking a conically tapered member on a correspondingly tapered support, comprising a chamber, means for evacuating said chamber, a rotatable arbor in said chamber, means for securing said tapered support to said arbor while leaving said conically tapered member free to slide on said support, means for rotating said arbor, and means in said chamber for urging said conically tapered member along said support in a direction to frictionally grip the same.

3. The method of assembling a rotatable body having an inner member and an outer member adapted to engage one another frictionally so as to be rigid in use, said inner member having an outer surface arranged for frictional contact with

an inner surface of said outer member, and said outer surface being initially of a larger average diameter than that of said inner surface, so that said members cannot as made initially be assembled to the final desired relative position, and wherein said members after assembly and in use are intended for rotation at speeds up to a predetermined service speed, which comprises the steps of positioning said members coaxially with one another but displaced axially from one another in respect to the final desired relative position thereof, rotating said members about their common axis at substantially the same speed, which latter speed is materially in excess of said predetermined service speed, to expand said outer member by centrifugal force, relatively axially moving said members while they are rotating at said excess speed to the final desired relative position of said members in an axial direction, and thereafter reducing and stopping the rotation of said members to effect a cessation of centrifugal force acting thereon, causing said outer member to shrink on said inner member and to maintain an adequate frictional grip thereon at service speeds.

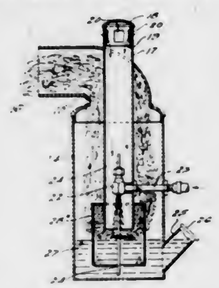
10. In a supercharger impeller assembly adapted to be rotated at high service speeds, comprising a hub which frictionally engages a stub shaft sleeve which is internally splined to mesh with splines on an engine shaft, a retaining collar disposed at one end of the stub shaft sleeve abutting against a ledge on said engine shaft and a flanged retaining ring disposed at the other end of the stub shaft sleeve abutting against a collar splined on the engine shaft and a spanner nut threaded on the engine shaft to retain the assembled parts, whereby the impeller is restrained from longitudinal movement on the engine shaft.

2,438,867
METHOD OF ASSEMBLING SHROUDS ON IMPELLERS
Albert M. Rockwell, Glastonbury and Albert H. Beaufrere, Manchester, Conn., assignors to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application June 1, 1945, Serial No. 597,130
2 Claims. (Cl. 29—156.8)



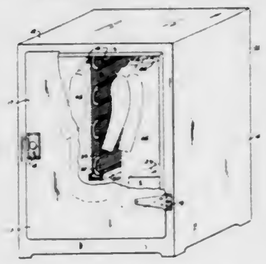
1. The method of assembling a supercharger impeller adapted for rotation up to a predetermined high service speed having an inner member provided with a plurality of substantially radially extending blades, the radial outer end surface portions of which all lie in a single smooth frusto-conical surface, and an outer member forming a shroud for said blades and having an inner complementary frusto-conical surface intended frictionally to engage the first-named frusto-conical surface so as to hold said members together solely by said frictional engagement, and wherein the internal diameter of said outer member prior to the assembly of said members is less than the outer diameter of said inner member at a corresponding plane in respect to said members after assembly, comprising the steps of positioning said members in coaxial relation and as close to their final assembled position as is permitted by their relative dimensions aforesaid, rotating said members about their common axis at a speed substantially in excess of said service speed to expand said outer member uniformly by centrifugal force, relatively axially moving said members while they are rotating at said excess speed to bring them to a final desired relative axial position, and thereafter reducing and stopping the rotation of said members so as to permit said outer member to shrink upon said inner member.

2,438,868
METHOD AND APPARATUS FOR ATOMIZING LIQUIDS
Vernon Anthony Trier, London, England
Application August 22, 1944, Serial No. 550,595
In Great Britain September 9, 1943
3 Claims. (Cl. 261—116)



2. An apparatus for producing a mist of fine liquid particles suspended in a gas, which includes a container for a body of liquid and an atomizer nozzle arranged to direct a stream of gas containing an atomized liquid substantially vertically downward against the surface of the body of liquid, and a foraminous splash arrestor shield surrounding the stream of gas and atomized liquid above the liquid surface and extending below the liquid surface.

2,438,869
REFRIGERATED CLOTHES VAULT
Solomon Weiss, Cleveland Heights, Ohio, assignor to Meyer M. Marcus, M. L. Waldman, and Solomon Weiss, as partners
Application October 26, 1946, Serial No. 705,848
4 Claims. (Cl. 62—89)



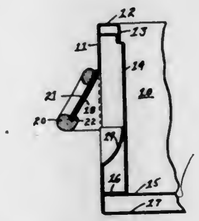
1. A clothes vault comprising in combination, an insulated cabinet having spaced top, bottom, front, rear and side walls, the said front wall having an insulated door hingedly mounted thereon, an air-conditioning means including a humidifying unit and a humidostatically and thermostatically controlled refrigerating unit mounted within the said cabinet, the said refrigerating unit having a vertically extending expansion coil suspended from the top of the cabinet intermediate the said side walls, the said humidifying unit having an evaporating trough disposed below and in close spaced relationship with the expansion coil, capable of collecting the drip from the expansion coil, a protective grill mounted within the cabinet around the said expansion coil in spaced relation thereto, and garment supports mounted in the cabinet proximate to the expansion coil.

2,438,870
INNERSOLE AND METHOD OF MAKING THE SAME
Fred L. Ayers, Waltham, Mass.
Application February 4, 1947, Serial No. 726,335
11 Claims. (Cl. 36—22)



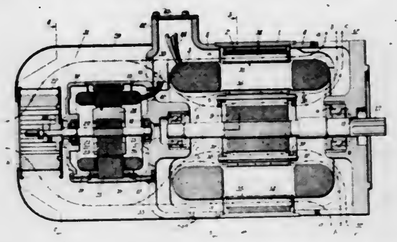
5. An innersole comprising a blank channeled inwardly about its margin to form a marginal lip and a feather, said lip being reinforced with a layer of sheet material and turned inwardly and cemented to a double portion of said sheet material secured to the lip face of the blank and inclined inwardly, the stitch securing rib formed by said lip and sheet material being sharply inwardly inclined and having an inherent tendency to remain in such inclined position.

2,438,871
DRAWER PULL
Earle C. Bullock, Grand Rapids, Mich., assignor to Metal Office Furniture Company, Grand Rapids, Mich., a corporation of Michigan
Application June 13, 1945, Serial No. 599,143
2 Claims. (Cl. 16—124)



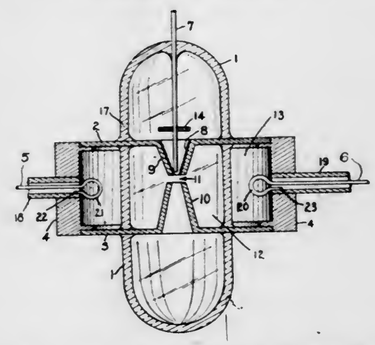
1. The combination with a drawer head whose face is provided with an open lip, of a drawer pull fitted against the outer face of said lip and extending below and in rear of the lower edge of the lip and provided with an upwardly opening slot receiving the lower edge of the lip, and means for securing the drawer pull on said lip.

2,438,872
DYNAMOELECTRIC MACHINE
Harry B. Fuge, Somerville, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application November 14, 1944, Serial No. 563,380
2 Claims. (Cl. 171—252)



1. An induction motor comprising a stator core, a rotor core having a diameter less than 45% of the outside diameter of said stator core, a first end-cover having radial apertures, a second end-cover having end apertures, a frame member located between and forming with said end-covers a housing for said cores, a second frame member mounted on said second end-cover, an auxiliary motor supported by said second frame member, a fan driven by said auxiliary motor, a fan guard formed with an end aperture and mounted on said second end-cover to enclose said fan and auxiliary motor and to form a fan chamber, and ventilating ducts extending axially through said stator and rotor cores and connecting said fan chamber with the radial apertures in said first end-cover.

2,438,873
ULTRA HIGH FREQUENCY SWITCHING DEVICE
Henry J. McCarthy, Danvers, Mass., assignor to Sylvania Electric Products Inc., Salem, Mass., a corporation of Massachusetts
Application May 24, 1944, Serial No. 537,143
5 Claims. (Cl. 315—5)

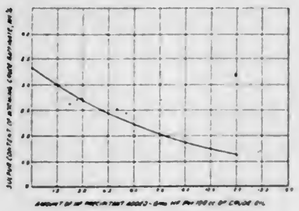


1. An ultra high frequency switching tube comprising a high-frequency copper resonator, an atmosphere comprising water vapor, a keep-alive electrode near a part of said resonator, and a coating of water vapor resistant material only on the part of said resonator in the immediate vicinity of said keep-alive electrode within the tube for preventing clean up of the water vapor.

2,438,874
SEPARATION OF ASPHALT FROM HYDROCARBONS

Jacob R. Meadow, Memphis, Tenn., and Ebenezer Emmet Reid, Baltimore, Md., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York

Application December 16, 1944, Serial No. 568,516
3 Claims. (Cl. 196—22)

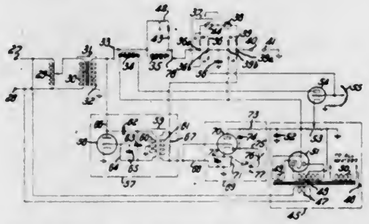


1. A method for recovering asphalt in a form readily dispersed in crude petroleum which comprises intimately mixing petroleum oil containing asphalt and sulphur with less than about 5 volume % but sufficient hydrogen fluoride to precipitate a substantial portion of said asphalt but only a minor portion of said sulfur while maintaining a single liquid phase, separating said precipitated asphalt, and passing an inert gas through said asphalt while in the molten state.

2,438,875
ELECTRICAL TREATMENT APPARATUS AND METHOD OF CONTROL

Franklin Offner, Chicago, Ill.

Application November 27, 1941, Serial No. 420,730
7 Claims. (Cl. 128—421)



1. The method of preselecting the magnitude of a low frequency treatment current which comprises passing through a subject to be treated a test current having a frequency of the order of 7000 cycles, measuring the effective impedance of the subject to the test current and adjusting the test circuit and treatment circuit simultaneously and proportionately to a value of the test current having a predetermined relationship to the desired value of the treating current.

2,438,876
MINERAL OIL COMPOSITION

Orland M. Reiff and Harry J. Andress, Jr., Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York

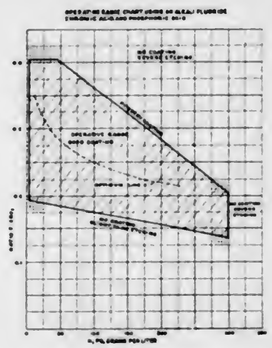
No Drawing. Application February 17, 1945, Serial No. 578,562
19 Claims. (Cl. 252—32.7)

1. An improved mineral oil composition comprising a mineral oil having admixed therewith a minor proportion, sufficient to stabilize said mineral oil against oxidation, of a metal salt of a diaryl sulfide of an alkyl-substituted diaryl dithiophosphoric acid, the alkyl substituent of which is an oil-solubilizing alkyl group containing at least about ten carbon atoms.

2,438,877
COMPOSITION FOR AND METHOD OF COATING ALUMINUM

Frank Palin Spruance, Jr., Ambler, Pa., assignor to American Chemical Paint Company, Ambler, Pa., a corporation of Delaware

Application September 6, 1945, Serial No. 614,795
12 Claims. (Cl. 148—6.16)



3. In a process for coating metal chosen from the group consisting of aluminum and alloys thereof in which aluminum is the principal ingredient with an adherent greenish coating, the step which consists in subjecting the metal to the action of an acid aqueous solution the essential active coating producing ingredients of which are fluoride ion, dichromate ion, phosphate ion and hydrogen ion, the ions being present in amounts stoichiometrically equivalent to

	Grams per liter
Fluorine	0.9 to 12.5
Chromic acid (CrO_3)	3.75 to 60.0
Phosphate (PO_4)	2 to 285

the ratio of fluoride ion to dichromate, expressed as $F:CrO_3$, being between 0.135 and 0.405; the pH of the solution being between about 1.6 and 2.2, as measured by the lowest value indicated by a glass-electrode pH meter within the first ten minutes of immersion of the electrode in the solution.

2,438,878
METHOD AND APPARATUS FOR PROJECTING MOTION PICTURES

Fred Waller, Huntington, N. Y., assignor to The Vitarama Corporation, Huntington Station, Long Island, N. Y., a corporation of New York

Application June 30, 1945, Serial No. 602,522
7 Claims. (Cl. 88—16.8)

1. The method of projecting motion pictures upon a concave curved screen, which comprises continuously advancing a film having a series of film frame images thereon through a gate having an aperture shorter than the length of said images so that only a portion of each of said images is exposed at one time, scanning the advancing film with a stationary beam of light passing through that portion of a film frame image which is exposed by said aperture, said beam impinging upon a mirror and being reflected thereby onto said curved screen, and rotating said mirror continuously to rotate the reflected beam to sweep

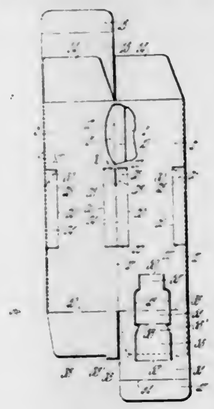


the projection area of the screen, said mirror being rotated at an angular velocity such as to project successive increments of each film frame image successively onto said curved screen with each increment projected thereon as a stationary image.

2,438,879
CARTON FOR VACUUM BOTTLE FILLERS

Earl B. Whitehead, Norwich, Conn., assignor to Atlantic Carton Corporation, Norwich, Conn., a corporation of New York

Application April 15, 1946, Serial No. 662,193
3 Claims. (Cl. 229—39)



3. A receptacle for a thermos bottle filler having a nipple on its lower end comprising, opposite and adjacent longitudinally extending vertical side walls forming a tube-like receptacle, closure means at the upper ends of said walls, a lower closure flap hinged to the lower end of one of said side walls for overlying the lower ends of the other walls to close the lower end of the receptacle, and a platform for supporting a thermos bottle filler having a support therefor hinged thereto formed by spaced pairs of slits provided in said one side wall and said closure flap, said platform hinged at its outer end to said one side wall and extending horizontally inwardly from said wall at a distance upwardly from said lower closure flap and said support hinged at its upper end to the inner end of the platform and extending downwardly therefrom with its lower end hinged to said closure flap, the inner end of said platform and support spaced inwardly from the wall opposite to said one wall providing a vertical well therebetween in which a nipple extending downwardly from the bottom of a filler may be disposed, supporting flaps hinged to side walls adjacent said one wall extending upwardly and inwardly therefrom having free edges beneath opposite sides of said platform cooperating with said support for supporting the same, pairs of longitudinally extending panels at adjacent longitudinal edges of adjacent side walls having ends terminating inwardly of opposite ends of said side walls, the panels of each pair thereof having one longitudinal edge hinged to a side wall and extending inwardly therefrom with their opposite longitudinal edges hinged together providing projections extending inwardly at the corners of the receptacle for engaging the sides of a filler supported by said platform and cooperating therewith to hold said filler from contact with said side walls and lower closure flap, and ears at upper ends of the panels extending inwardly for engaging the upper portion of a filler to prevent upward movements thereof; relative to said side walls and platform.

2,438,880
RIBOFLAVIN SOLUTION

Max Frank Furter, Upper Montclair, and Max Hoffer, Nutley, N. J., assignors to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey

No Drawing. Application March 19, 1946, Serial No. 655,599
3 Claims. (Cl. 167—81)

1. An aqueous solution containing riboflavin in a concentration higher than 0.013 percent, gentisic acid, and a water-soluble salt of gentisic acid and a member of the group consisting of alkali metals, ammonia, and organic bases, said solution being at a pH less than 5.

2,438,881
PROCESS OF EPIMERIZING CALCIUM d-ARABONATE

Leo H. Sternbach, Montclair, N. J., assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey

No Drawing. Application February 12, 1946, Serial No. 647,199
5 Claims. (Cl. 260—344)

1. Process of epimerizing calcium d-arabonate, which comprises heating an aqueous solution of that salt for a sufficient length of time to effect epimerization.

2,438,882
RECOVERY OF RIBONOLACTONE

Leo H. Sternbach, Montclair, N. J., assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey

No Drawing. Application February 12, 1946, Serial No. 647,200
3 Claims. (Cl. 260—344)

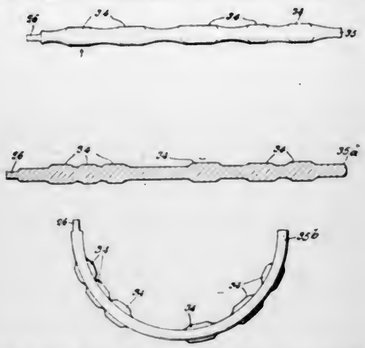
1. Process for treating a composition containing a member of the group consisting of d-ribonic acid and d-ribono-lactone, which comprises treating said composition with an organic solvent for said member, thereafter adding another organic solvent for said member having a lesser solvent action therefor than the initial solvent, removing said initial solvent by distillation, and recovering d-ribono-lactone from the concentrated residue.

2,438,883
PROCESS OF MAKING RIBONOLACTONE
Leo A. Flexser, Elizabeth, N. J., assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey
No Drawing. Application April 2, 1946, Serial No. 659,138
7 Claims. (Cl. 260—344)

1. The process which comprises lactonizing ribonic acid to ribonolactone in an organic solvent, which solvent contains a strong acid as a catalyst for the lactonization, the solvent being a lower aliphatic alcohol.

2,438,884
METHOD OF FORMING ENGINE MOUNTINGS
Roy A. Kropp, River Forest, Ill., assignor to Kropp Forge Aviation Co., Cicero, Ill., a corporation of Illinois
Application November 20, 1943, Serial No. 511,078
3 Claims. (Cl. 29—150)

1. A method of forming an airplane engine mounting which comprises thinning a bar stock at certain predetermined points; die forging the piece to more accurately form enlarged portions left by the thinning step; bending the piece into a semi-circular shape; die forging the bent piece to form an H cross-section and to form bosses

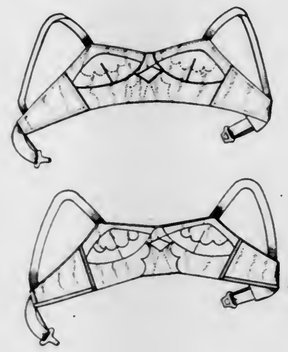


and enlarged end flanges from the enlarged portions; and welding a plurality of sections thus formed at their end flanges to form a ring.

DESIGNS

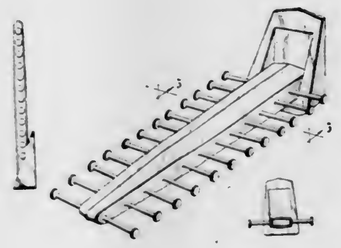
MARCH 30, 1948

149,102
DESIGN FOR A BRASSIÈRE
Pierre Amyot, Quebec, Quebec, Canada
Application March 29, 1946, Serial No. 128,094
In Canada December 21, 1945
Term of patent 14 years
(Cl. D20—4)



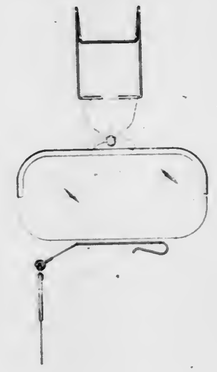
The ornamental design for a brassière, as shown.

149,103
DESIGN FOR A NECKTIE RACK
Allen L. Atkins, Chicago, Ill.
Application September 12, 1946, Serial No. 133,272
Term of patent 14 years
(Cl. D33—8)



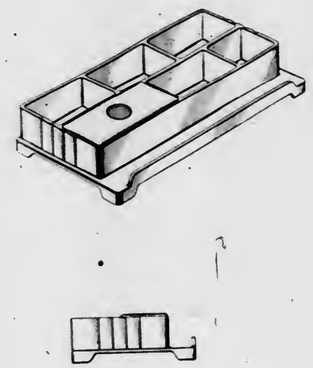
The ornamental design for a necktie rack, as shown and described.

149,104
DESIGN FOR AN AUTOMOTIVE VISOR OR SIMILAR ARTICLE
Charles A. Baratelli, Cambridge, Thomas W. F. Chin, Chelsea, and Harold A. Marsh, Brookline, Mass., assignors to Polaroid Corporation, Cambridge, Mass., a corporation of Delaware
Application September 12, 1946, Serial No. 133,262
Term of patent 3½ years
(Cl. D14—6)



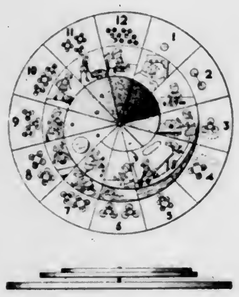
The ornamental design for an automotive visor or similar article, substantially as shown.

149,105
DESIGN FOR A GROOMING TRAY
Burton J. Barnett, Los Angeles, Calif.
Application January 24, 1947, Serial No. 136,363
Term of patent 3½ years
(Cl. D86—10)



The ornamental design for a grooming tray, substantially as shown and described.

149,106
DESIGN FOR AN EDUCATIONAL APPLIANCE
Esther Berman, Chicago, Ill., now by judicial change of name Esther Berryman
Application July 1, 1946, Serial No. 131,225
Term of patent 7 years
(Cl. D25—1)



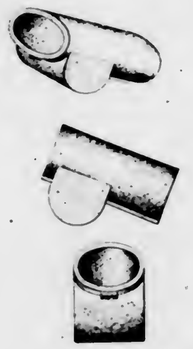
The ornamental design for an educational appliance, as shown.

149,107
DESIGN FOR A RUG
Lucien Biva, Catskill, N. Y., assignor to E. F. Timme & Son, New York, N. Y., a limited partnership
Application June 17, 1947, Serial No. 139,777
Term of patent 7 years
(Cl. D92—21)



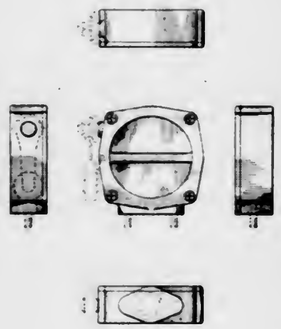
The ornamental design for a rug, as shown.

149,108
DESIGN FOR A BABY BOTTLE HOLDER
Leon Breslow, New York, N. Y.
Application October 22, 1946, Serial No. 134,155
Term of patent 3½ years
(Cl. D83—8)



The ornamental design for a baby bottle holder, substantially as shown.

149,109
DESIGN FOR AN ELECTRIC SWITCH HOUSING
Phillip A. Celander, Freeport, Ill., assignor to First Industrial Corporation, Wilmington, Del., a corporation of Delaware
Application January 18, 1946, Serial No. 125,690
Term of patent 7 years
(Cl. D26—13)



The ornamental design for an electric switch housing, substantially as shown and described.

149,110
DESIGN FOR A MULTIPLE CLOTHESPIN BLOCK
William T. Christmas, University City, Mo., assignor to The Wallace Corporation, St. Louis County, Mo., a corporation of Missouri
Application May 29, 1947, Serial No. 139,369
Term of patent 14 years
(Cl. D17—6)



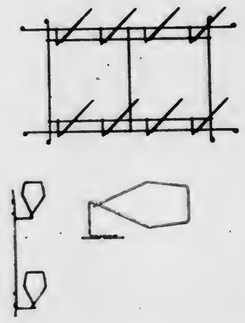
The ornamental design for a multiple clothespin block, substantially as shown.

149,111
DESIGN FOR A CLOTHESPIN
Wayne H. Coble, Ann Arbor, Mich.
Application August 28, 1946, Serial No. 132,921
Term of patent 14 years
(Cl. D17—6)



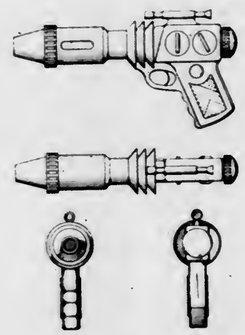
The ornamental design for a clothespin, as shown.

149,112
DESIGN FOR A SHOE RACK
Albert S. Darby, Big Spring, Tex.
Application July 31, 1946, Serial No. 132,148
Term of patent 3½ years
(Cl. D80—8)



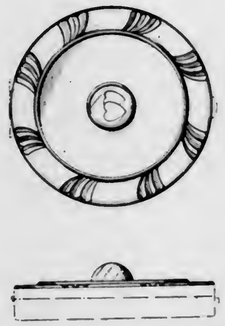
The ornamental design for a shoe rack, substantially as shown.

149,113
DESIGN FOR A PISTOL
John F. Dille, Evanston, Ill.
Application October 17, 1946, Serial No. 134,009
Term of patent 7 years
(Cl. D34—15)



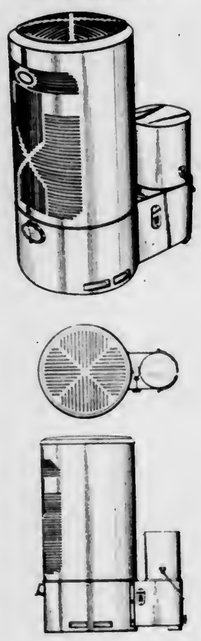
The ornamental design for a pistol, as shown.

149,114
DESIGN FOR A RECEPTACLE FOR COSMETICS AND OTHER ARTICLES
William A. Dion, North Attleboro, Mass., assignor to Evans Case Co., a corporation of Massachusetts
Application July 11, 1946, Serial No. 131,478
Term of patent 14 years
(Cl. D58—11)



The ornamental design for a receptacle for cosmetics and other articles, substantially as shown and described.

149,115
DESIGN FOR A HEATER
Charles Anthony Fowler, Los Angeles, Calif.
Application November 5, 1946, Serial No. 134,526
Term of patent 3½ years
(Cl. D81—19)



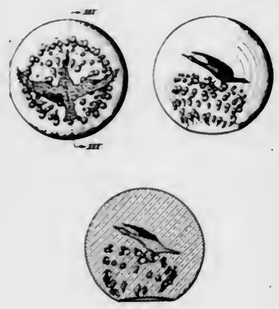
The ornamental design for a heater, as shown.

149,116
DESIGN FOR A TRANSPARENT PAPERWEIGHT
John G. Funfrock, Morgantown, W. Va.
Application February 25, 1947, Serial No. 137,159
Term of patent 7 years
(Cl. D74—12)



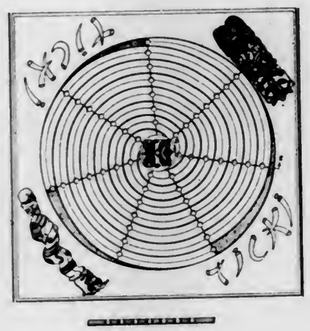
The ornamental design for a transparent paperweight, substantially as shown and described.

149,117
DESIGN FOR A TRANSPARENT PAPERWEIGHT
John G. Funfrock, Morgantown, W. Va.
Application February 25, 1947, Serial No. 137,160
Term of patent 7 years
(Cl. D74—12)



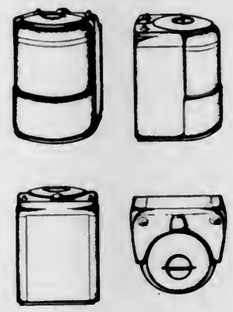
The ornamental design for a transparent paperweight, substantially as shown and described.

149,118
DESIGN FOR A PUZZLE GAME BOARD
Louis D. Gallegos and Harold J. Byrnes, Los Angeles, Calif.
Application November 5, 1946, Serial No. 134,532
Term of patent 7 years
(Cl. D34—5)



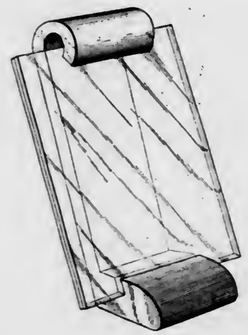
The ornamental design for a puzzle game board, as shown.

149,119
DESIGN FOR A WASHING MACHINE OR SIMILAR ARTICLE
Peter E. Geldhof, St. Joseph, Mich., assignor to Nineteen Hundred Corporation, St. Joseph, Mich., a corporation of New York
Application December 7, 1946, Serial No. 135,337
Term of patent 14 years
(Cl. D49—1)



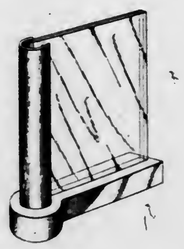
The ornamental design for a washing machine or similar article, as shown.

149,120
DESIGN FOR A PICTURE FRAME
A. George Golden, Brooklyn, N. Y.
Application March 29, 1946, Serial No. 128,067
Term of patent 7 years
(Cl. D29—20)



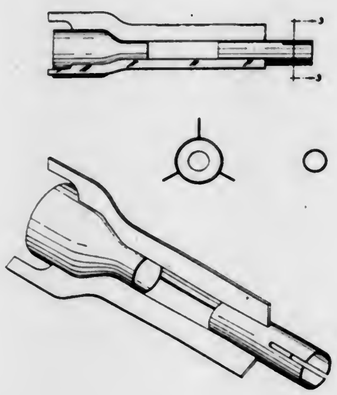
The ornamental design for a picture frame, as shown.

149,121
DESIGN FOR A PICTURE FRAME
A. George Golden. Brooklyn, N. Y.
Application March 29. 1946, Serial No. 128,069
Term of patent 7 years
(Cl. D29—20)



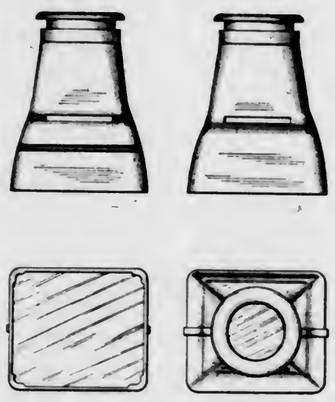
The ornamental design for a picture frame, as shown.

149,122
DESIGN FOR AN AUTOMOBILE TAILPIPE EXTENSION
Grant M. Goodwin, San Francisco, Calif.
Application October 1, 1946, Serial No. 133,676
Term of patent 7 years
(Cl. D14—6)



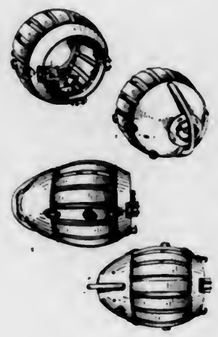
The ornamental design for an automobile tail pipe extension, substantially as shown.

149,123
DESIGN FOR A PHOTOGRAPHIC FILM VIEWER
Ira J. Grey, New York, N. Y.
Application January 25, 1947, Serial No. 136,417
Term of patent 3½ years
(Cl. D61—1)



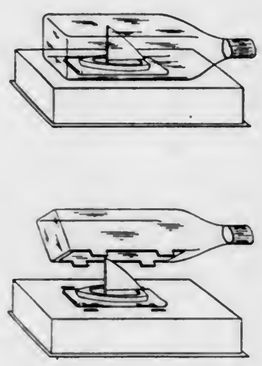
The ornamental design for a photographic film viewer, substantially as shown.

149,124
DESIGN FOR A SPOT LAMP OR SIMILAR ARTICLE
Norman Ebenezer Hewitt, Sunbury-on-Thames, England
Application April 16, 1946, Serial No. 128,657
In Great Britain November 29, 1945
Term of patent 14 years
(Cl. D48—20)



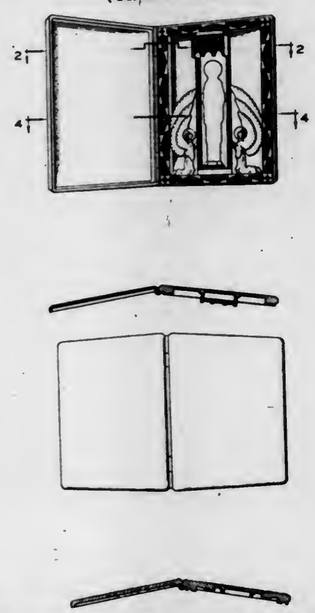
The ornamental design for a spot lamp or similar article, as shown.

149,125
DESIGN FOR A NOVELTY SOAP AND WASH CLOTH DISPLAY DEVICE
Juliana Gardiner Johns, Orange, N. J.
Application July 19, 1946, Serial No. 131,706
Term of patent 3½ years
(Cl. D80—5)



The ornamental design for a novelty soap and wash cloth display device, as shown.

149,126
DESIGN FOR A COMBINED SHRINE OR SIMILAR ARTICLE AND CASE THEREFOR
William Taylor Jones, Scranton, Pa., assignor to Consolidated Molded Products Corporation, Scranton, Pa., a corporation of Delaware
Application September 2, 1947, Serial No. 141,170
Term of patent 14 years
(Cl. D29—24)



The ornamental design for a combined shrine or similar article and case therefor, as shown.

149,127
DESIGN FOR A TOASTER
Clarence Karstadt, Glen Ellyn, Ill., assignor to Noblitt-Sparks Industries, Incorporated, Columbus, Ind., a corporation of Indiana
Application January 3, 1947, Serial No. 135,926
Term of patent 3½ years
(Cl. D81—10)



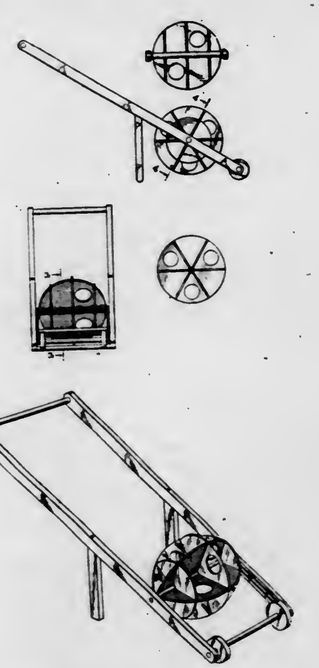
The ornamental design for a toaster, as shown.

149,128
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 11, 1947, Serial No. 136,837
Term of patent 3½ years
(Cl. D45—4)



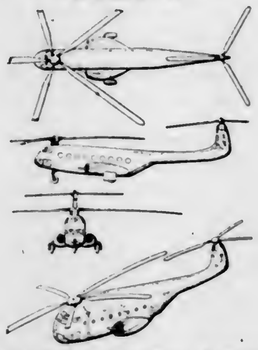
The ornamental design for a bracelet or similar article, substantially as shown.

149,129
DESIGN FOR A TRUNDLE TOY OR SIMILAR ARTICLE
Benjamin Katz, New York, N. Y.
Application July 2, 1946, Serial No. 131,272
Term of patent 3½ years
(Cl. D34—15)



The ornamental design for a trundle toy or similar article, as shown.

149,130
DESIGN FOR A HELICOPTER
Edward F. Katzenberger and Michael E. Gluhareff, Bridgeport, Conn., assignors to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application September 24, 1946, Serial No. 133,532
Term of patent 7 years
(Cl. D71—1)



The ornamental design for a helicopter, substantially as shown.

149,131
DESIGN FOR A CABINET FOR SOUND REPRODUCING DEVICES
George Kende, New York, N. Y., assignor to Universal Camera Corporation, New York, N. Y., a corporation of New York
Application April 12, 1946, Serial No. 128,521
Term of patent 14 years
(Cl. D56—4)



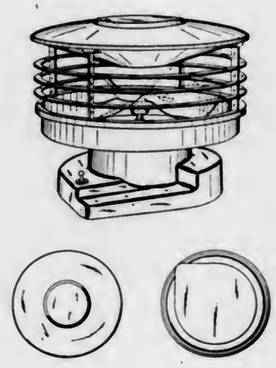
The ornamental design for a cabinet for sound reproducing devices, as shown and described.

149,132
DESIGN FOR A CABINET FOR SOUND REPRODUCING DEVICES
George Kende, New York, N. Y., assignor to Universal Camera Corporation, New York, N. Y., a corporation of New York
Application April 12, 1946, Serial No. 128,522
Term of patent 14 years
(Cl. D56—4)



The ornamental design for a cabinet for sound reproducing devices, as shown and described.

149,133
DESIGN FOR AN AIR CIRCULATOR
Jacob W. Kisling, St. Louis County, Mo.
Application June 15, 1946, Serial No. 130,742
Term of patent 14 years
(Cl. D26—7)



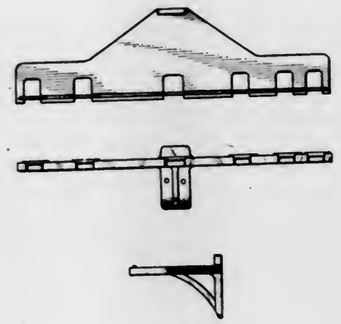
The ornamental design for an air circulator, substantially as shown and described.

149,134
DESIGN FOR A FLOOR BRUSH
Alfred L. Le Febvre, Windsor, Conn., assignor to The Fuller Brush Company, Hartford, Conn., a corporation of Connecticut
Application June 7, 1946, Serial No. 130,497
Term of patent 14 years
(Cl. D9—2)



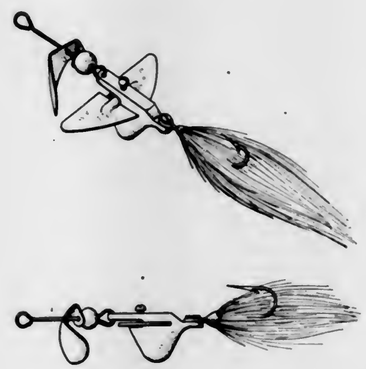
The ornamental design for a floor brush, as shown and described.

149,135
DESIGN FOR A GARDEN TOOL RACK
De Witt McCann, Irving Berlin, and Frank L. Graham, Los Angeles, Calif.
Application April 24, 1946, Serial No. 128,910
Term of patent 14 years
(Cl. D33—3)



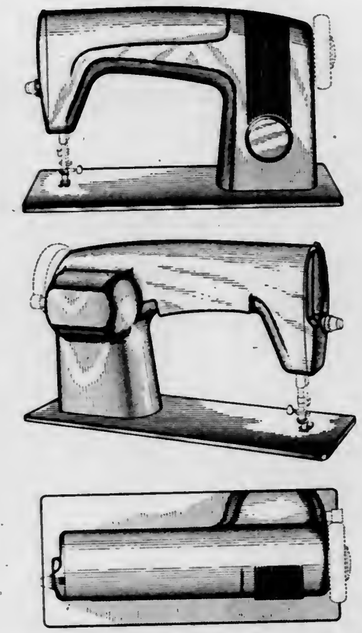
The ornamental design for a garden tool rack, as shown.

149,136
DESIGN FOR A FISHING LURE
Joseph R. Moore, Fort Worth, Tex.
Application April 8, 1946, Serial No. 128,394
Term of patent 7 years
(Cl. D31—4)



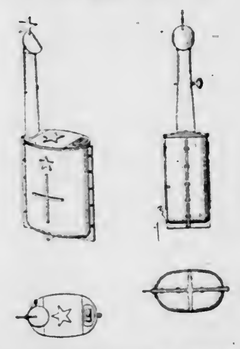
The ornamental design for a fishing lure, substantially as shown.

149,137
DESIGN FOR A SEWING MACHINE HEAD
Walter F. Nessen, Prospect Heights, Ill., assignor to Free Sewing Machine Co., Rockford, Ill., a corporation of Illinois
Application August 2, 1946, Serial No. 132,251
Term of patent 14 years
(Cl. D70—1)



The ornamental design for a sewing machine head, substantially as shown and described.

149,138
DESIGN FOR A STOCK TANK HEATER
John K. Newhall, Aurora, Ill.
Application December 28, 1946, Serial No. 135,813
Term of patent 14 years
(Cl. D81—19)



The ornamental design for a stock tank heater, substantially as shown.

149,139
DESIGN FOR A MAN'S ATHLETIC SHOE OR SIMILAR ARTICLE
Ralph A. Parker, Melrose, Mass.
Application November 9, 1946, Serial No. 134,641
Term of patent 14 years
(Cl. D7—7)



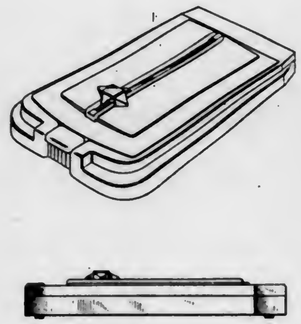
The ornamental design for a man's athletic shoe or similar article, substantially as shown and described.

149,140
DESIGN FOR A LAPEL PIN
Frederick J. Pearsall, Clayville, R. I., assignor to Imperial Pearl Co., Inc., Providence, R. I., a corporation of Rhode Island
Application August 3, 1946, Serial No. 132,262
Term of patent 3½ years
(Cl. D45—19)



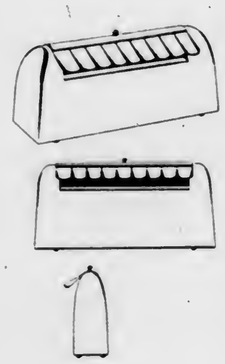
The ornamental design for a lapel pin, as shown.

149,141
DESIGN FOR A LIST FINDER
Albert Edward Pollock, New York, N. Y.
Application April 18, 1947, Serial No. 138,466
Term of patent 14 years
(Cl. D74—1)



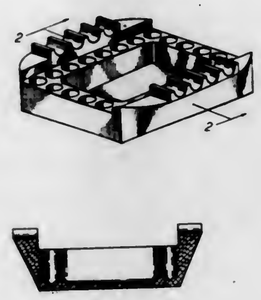
The ornamental design for a list finder, substantially as shown.

149,142
DESIGN FOR A FLUORESCENT DESK LAMP
Joseph F. Poor, Wenham, and Clement T. Baxter, Beverly, Mass., assignors to Salem Manufacturing Company, Salem, Mass.
Application November 8, 1946, Serial No. 134,626
Term of patent 7 years
(Cl. D48—20)



The ornamental design for a fluorescent desk lamp, as shown.

149,143
DESIGN FOR AN ASH TRAY
Bill J. Potter, Fort Worth, Tex.
Application June 17, 1946, Serial No. 130,821
Term of patent 14 years
(Cl. D85—2)



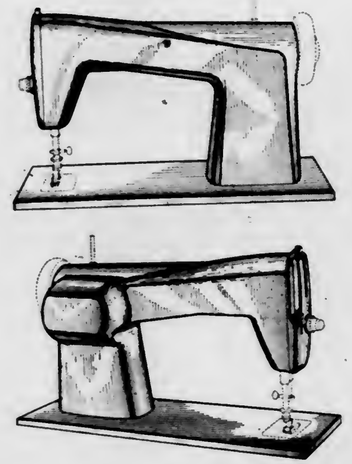
The ornamental design for an ash tray, substantially as shown.

149,144
DESIGN FOR A WALL VASE OR ARTICLE OF SIMILAR NATURE
Clifford Potts, Zanesville, Ohio, assignor to Louis A. Butler and Arvilla K. Butler, doing business as Ohio Porcelain Company, Zanesville, Ohio
Application December 18, 1947, Serial No. 143,212
Term of patent 7 years
(Cl. D29—28)



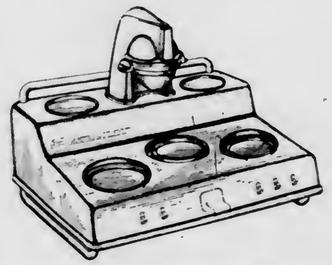
The ornamental design for a wall vase or article of similar nature, substantially as shown.

149,145
DESIGN FOR A SEWING MACHINE HEAD
Jean O. Reinecke, Oak Park, Ill., assignor to Free Sewing Machine Co., Rockford, Ill., a corporation of Illinois
Application August 2, 1946, Serial No. 132,250
Term of patent 14 years
(Cl. D70—1)



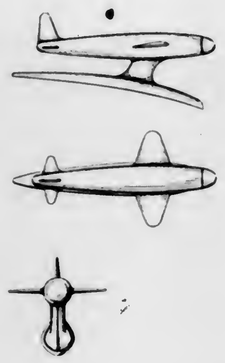
The ornamental design for a sewing machine head, substantially as shown and described.

149,146
DESIGN FOR AN AUTOMATIC BEVERAGE PRODUCER
Harper Richards, Chicago, Ill., assignor to Cory Corporation, Chicago, Ill., a corporation of Delaware
Application January 10, 1947, Serial No. 136,051
Term of patent 14 years
(Cl. D81—10)



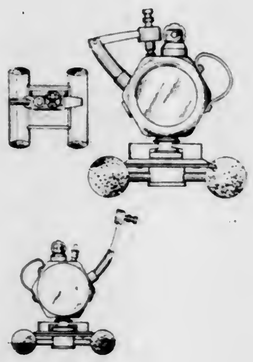
The ornamental design for an automatic beverage producer, as shown and described.

149,147
DESIGN FOR AN AUTOMOBILE HOOD ORNAMENT
Alfred R. Russell, Grosse Pointe Park, Mich.
Application March 3, 1947, Serial No. 137,298
Term of patent 7 years
(Cl. D14—18)



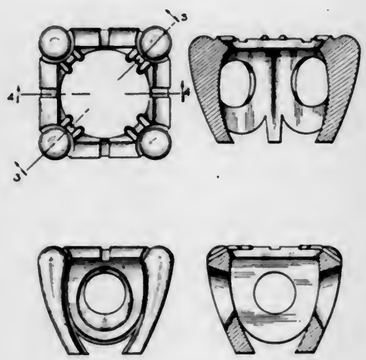
The ornamental design for an automobile hood ornament, substantially as shown.

149,148
DESIGN FOR A CIGARETTE LIGHTER
Abraham Saffron, Pittsburgh, Pa., assignor of one-half to Harry Lazier, Pittsburgh, Pa.
Application May 15, 1946, Serial No. 129,725
Term of patent 7 years
(Cl. D48—27)



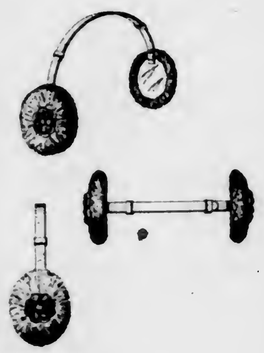
The ornamental design for a cigarette lighter, as shown.

149,149
DESIGN FOR A GEM SETTING OR SIMILAR ARTICLE
Jacob H. Schaeffer, New York, N. Y., assignor to Shiman Bros. & Co. Inc., a corporation of New York
Application October 19, 1946, Serial No. 134,067
Term of patent 14 years
(Cl. D45—1)



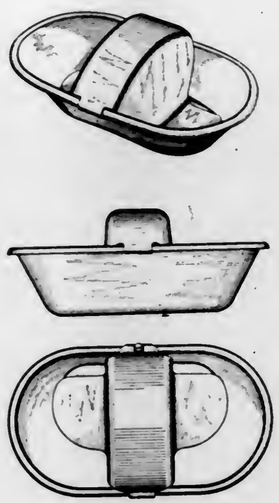
The ornamental design for a gem setting or similar article, substantially as shown.

149,150
DESIGN FOR AN EAR MUFF
Ernest Schwartz, New York, N. Y.
Application June 5, 1946, Serial No. 130,430
Term of patent 3½ years
(Cl. D3—13)



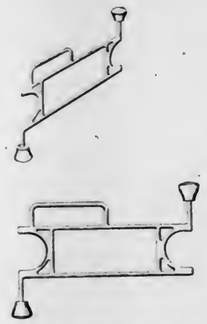
The ornamental design for an ear muff, as shown.

149,151
DESIGN FOR AN ANIMAL WATERING PAN
Pierre D. Southworth, Sturgeon Bay, Wis.
Application May 13, 1946, Serial No. 129,677
Term of patent 3½ years
(Cl. D12—2)



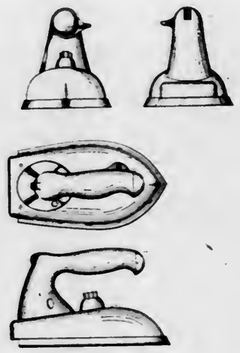
The ornamental design for an animal watering pan, substantially as shown.

149,152
DESIGN FOR A TROLLING REEL
William H. Thompson, Detroit, Mich.
Application June 12, 1946, Serial No. 130,648
Term of patent 3½ years
(Cl. D31—4)



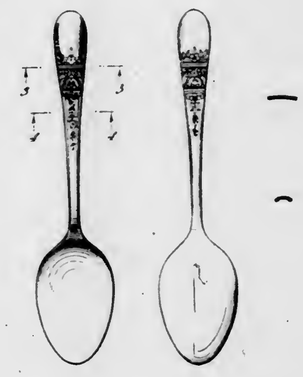
The ornamental design for a trolling reel, as shown.

149,153
DESIGN FOR AN ELECTRIC IRON
Arnold Troy, Scarsdale, N. Y., assignor to Eastern Metal Products Co., Tuckahoe, N. Y., a partnership composed of Seymour Troy and Arnold Troy
Application December 14, 1946, Serial No. 135,502
Term of patent 14 years
(Cl. D49—6)



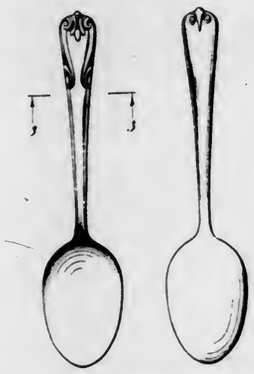
The ornamental design for an electric iron, substantially as shown and described.

149,154
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
William S. Warren, Meriden, Conn., assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn., a corporation of Connecticut
Application March 10, 1947, Serial No. 137,479
Term of patent 14 years
(Cl. D54—12)



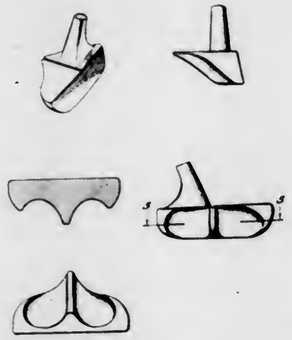
The ornamental design for a spoon or other article of flatware, substantially as shown.

149,155
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
William S. Warren, Meriden, Conn., assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn., a corporation of Connecticut
Application March 10, 1947, Serial No. 137,480
Term of patent 14 years
(Cl. D54—12)



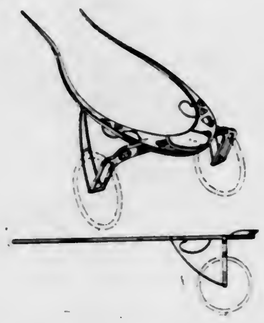
The ornamental design for a spoon or other article of flatware, substantially as shown.

149,156
DESIGN FOR A GOLF CLUB HEAD
Linn J. Weatherington, Los Angeles, Calif.
Application January 11, 1946, Serial No. 125,484
Term of patent 14 years
(Cl. D34—5)



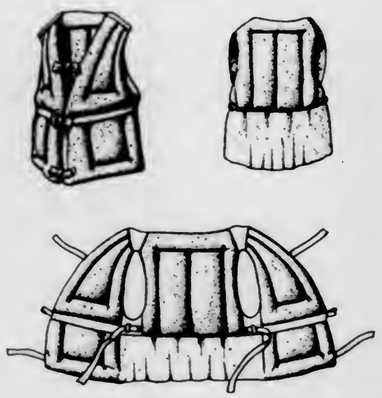
The ornamental design for a golf club head, substantially as shown and described.

149,157
DESIGN FOR A SULKY
Al B. White, Freeport, N. Y., assignor to Al B. White Manufacturing Co., Inc., Freeport, N. Y., a corporation of New York
Application October 22, 1946, Serial No. 134,174
Term of patent 14 years
(Cl. D14—3)



The ornamental design for a sulky, substantially as shown and described.

149,158
DESIGN FOR A LIFE PRESERVER
Bernard M. Wilber, Berkeley, Calif.
Application September 3, 1946, Serial No. 133,036
Term of patent 7 years
(Cl. D3—4)



The ornamental design for a life preserver, as shown.

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Official Daily Service



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VOLUME 609

APRIL

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Condition of Applications Under Examination at Close of Business Mar. 19, 1948

(Total number of applications awaiting action, excluding Trade-Mark Division, 152,388; Trade-Mark Division, 33,041. Oldest new case, Apr. 6, 1946; oldest amended, Mar. 4, 1946.)

DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application awaiting office action	Oldest amended application awaiting office action	Applications awaiting action
1. GOLDBERG, A. J., Food Apparatus; Closure Operators; Fences; Gates; Planters; Plows; Harrows and Diggers; Plant Husbandry; Scattering Unloaders; Baths, Closets, Sinks, and Spittoons, Sewerage.	June 15	July 11	3,585
2. HERRMANN, D., Fishing, Trapping and Vermin Destroying; Bee Culture; Dairy; Animal Husbandry; Presses; Tobacco; Textile Wringers; Butchering.	May 3	Apr. 12	4,094
3. MARMELSTEIN, N., Metal Founding and Treatment; Metallurgy (Process and Apparatus)	†June 10	†Jan. 25	1,530
4. BISHOP, WALTER C., Conveyors; Hoists; Handling Apparatus; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Pneumatic Dispatch; Store Service; Mining, Quarrying, and Ice Harvesting.	Aug. 2	July 12	3,611
5. ROBINSON, C. W., Harvesters; Acoustics; Sound Recording; Knotters	Apr. 15	Apr. 22	1,835
6. SURLE, H., Carbon Chemistry (part)	†June 2	†May 7	1,806
7. HANLIN, GEORGE, Optics; Photographic Apparatus	†May 22	†Jan. 28	1,765
8. IMUS, A. E., Furniture: Racks and Cabinets	June 4	May 13	4,096
9. BENSON, R. B., Pumps and Fans; Fluid and Fluid-Current Motors	Aug. 19	Apr. 19	2,359
10. ANDRUS, L. M., Radiant Energy (part, e.g., Portable Radio Sets, Radio Accessories, Detectors, Oscillation Generators, Wave Meters, Tuners); Music; Modulators; Piezo-electric Crystals.	†Apr. 11	†Mar. 19	1,396
11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus.	†June 19	†July 5	828
12. SPINTMAN, S., Machine Elements (part); Engine Starters; Motor Control with Clutch or Brake; Transmission with Clutch or Brake.	†May 23	June 24	2,027
13. BEALL, T. E., Gear Cutting, Milling, Planing, Metal Working (part); Needle and Pin Making; Turning	June 3	May 1	2,488
14. FREEHOF, H. B., Metal Working (Bending; Sheet-Metal; Wire; Misc. Processes); Wire Fabrics; Farriery	†Mar. 31	†Feb. 4	1,205
15. HENKIN, B., Plastics: Plastic Block and Earthenware Apparatus; Glass	Oct. 5	May 3	1,962
16. LOVEWELL, N. N., Telegraphy, Telephony	†June 4	Oct. 29	1,842
17. HABECKER, LEON B., Paper Manufactures; Typewriters; Printing; Type Casting and Setting; Sheet Material Associating or Folding; Sheet or Web Feeding.	Oct. 17	July 24	1,858
18. KURZ, J. A., Motors, Expansible-Chamber Type; Power Plants; Speed Responsive Devices; Rotary Internal-Combustion Engines.	Aug. 28	Apr. 23	1,746
19. PATRICK, P. L., Liquid and Gaseous Fuel Burners; Stoves and Furnaces	Aug. 16	Aug. 27	1,863
20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Undertaking; Bread, Pastry, and Confection Making; Bank Protection; Safes; Tents, Canopies, Umbrellas and Canes.	Aug. 12	Aug. 3	2,068
21. MADER, R. C., Textiles	†Apr. 23	†Mar. 17	1,171
22. CARPENTER, B. H., Aeronautics; Firearms; Ordnance	Sept. 11	July 15	1,884
23. LEWIS, J. B., Cash Registers; Calculators and Counters; Education	July 3	May 28	1,344
24. LUSBY, CHARLES, Apparel; Apparel Apparatus; Package and Article Carriers; Sewing Machines	Nov. 4	Aug. 5	2,365
25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Distillation.	†Feb. 24	June 14	1,759
26. YOUNG, R. R., Electricity—Generation and Motive Power	†Mar. 15	July 30	1,438
27. JAMES, S., Brushing, Scrubbing; Fluid Treatment of Textiles (Apparatus); Liquid Treatment of Solids; General Cleaning; Ironing; Brush; Broom and Mop Making.	†Feb. 4	Aug. 30	3,045
28. SOLYOM, H. L., Heating; Metallurgical Apparatus; Internal-Combustion Engines (part); Clyinders; Pistons.	†Feb. 12	Oct. 29	1,212
29. SHKLARIN, J. B., Baggage; Cloth, Leather, and Rubber Receptacles; Button Making; Woodworking; Tools.	Oct. 21	June 25	2,973
30. BISHOFF, A., Automatic Temperature and Humidity Regulation; Illumination; Thermostats and Humidostats; Heating Systems; Ammunition and Explosive Devices.	†Apr. 18	Aug. 9	2,384
31. DUNCOMBE, C. S., Mineral Oils; Carbocyclic or Acyclic Carbon Compounds (part)—e. g., Ketones, Aldehydes, Ethers, Hydroxy Compounds, Hydrocarbons, Halogenated Hydrocarbons.	†June 10	†June 2	2,134
32. LESH, KARL R., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation; Agitating; Wells; Earth Boring.	Oct. 10	Apr. 30	2,907
33. KAUFFMAN, H. E., Bridges; Hydraulic and Earth Engineering; Building Structures; Roads and Pavements.	May 25	May 8	3,430
34. SAPERSTEIN, S., Electricity—Transmission to Vehicles; Railways; Track Sanders; Signals and Indicators.	Aug. 17	May 29	1,369
35. BROMLEY, E. D., Card and Sign Exhibiting; Dispensing; Filling and Closing Portable Receptacles; Ammunition and Explosive Charge Making.	Oct. 30	July 16	2,897
36. McFADYEN, A. D., Automatic Weighers; Measuring and Testing; Force Measuring	Apr. 14	Apr. 15	2,028
37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	†Apr. 15	Nov. 14	1,492
38. ARNOLD, D., Coating Processes and Apparatus; Coating or Plastic Compositions (part); Rubber	Nov. 23	Sept. 12	1,707
39. WHITNEY, F. I., Fluid-Pressure Regulators; Valves; Water Distribution	May 1	Apr. 8	2,843
40. DRUMMOND, E. J., Receptacles (part); Packages	†Apr. 9	Aug. 14	2,979
41. HERTZ, M., Recorders: Check-controlled Apparatus; Coin Handling; Article Dispensing Cabinets; Deposit Receptacles; Buckles, Buttons, Clasps.	May 7	May 4	2,734
42. MARANS, H., Electric Signaling; Variable Transformer and Reactor Structure; Electricity, Voltage Magnitude and Phase Control Systems.	†July 12	†June 18	862
43. STONE, I. G., Medicines, Poisons and Cosmetics; Explosive Compositions; Sugar and Starch; Bleaching and Dyeing; Fluid Treatment of Textiles; Hides, Skins and Leathers.	†June 2	†May 23	1,433
44. HARVEY, L. P., Refrigeration; Preserving	Apr. 6	Apr. 20	1,312
45. MANTER, W. B., Shafting and Flexible Shaft Couplings; Wheels, Tires, Axles and Wheel Substitutes; Lubrication; Bearings and Guides; Belt and Sprocket Gearing; Spring Devices; Land Vehicles (part); Spring, Weight and Horsepower Motors.	June 6	May 28	2,797
46. MUSHAKE, W. I., Concentrating Evaporators; Fluid Sprinkling, Spraying and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers; Kitchen and Table Articles.	Aug. 2	June 4	1,905

NOTE.—The dates given are 1946 except where † indicates 1947.

(Total number of applications awaiting action, excluding Trade-Mark Division, 152,388; Trade-Mark Division, 33,941. Oldest new case, Apr. 6, 1946; oldest amended, Mar. 4, 1946.)

DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application awaiting office action: New	Oldest new application awaiting office action: Amended	Applications awaiting action
47. KANOF, WM. J., Motor Vehicles; Land Vehicles (part); Fluid Pressure Brakes	†May 1	Nov. 15	1,998
48. BERNSTEIN, S., Electricity, General Applications; Electric Igniters	Sept. 13	Aug. 31	1,540
49. SHEFFIELD, E. L., Drying and Gas or Vapor Contact with Solids; Ventilation; Liquid Separation or Purification.	†Jan. 17	Aug. 16	1,631
50. LEVIN, SAMUEL, Synthetic Resins	†June 11	Nov. 6	2,277
51. FRIEDMAN, M. H., Radiant Energy (part, e. g., Radio Transmission and Reception, Transmitters, Receivers, Antennae); Radiant Energy Communications.	†May 2	Sept. 16	1,825
52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Pipes and Tubular Conduits.	July 13	Aug. 16	3,872
53. BRINDISI, M. V., Label Pasting and Paper Hanging; Book Making; Manifolding; Printed Matter; Stationery; Paper Files and Binders; Cutlery; Closures, Partitions and Panels, Flexible and Portable.	Aug. 2	Mar. 15	3,686
54. STRACHAN, O. W., Electric Lamp and Discharge Devices, Systems, Structure, Manufacture and Repair; Light Sensitive Circuits; Ray Energy Applications.	†May 10	Dec. 26	1,829
55. BOWEN, S. T., Artificial Body Members; Dentistry; Surgery; Toilet	†Feb. 25	Apr. 5	1,814
56. COCKERILL, S., Electrical and Wave Energy Chemistry; Paper Making; Acetylene; Gas Mixing	†June 6	†Apr. 2	1,133
57. NICOLSON, G. D., Toys; Amusement and Exercising Devices; Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks.	May 27	May 27	3,584
58. DOWELL, E. F., Abrading; Bottles and Jars; Stone Working; Making Metal Tools and Implements	†Apr. 14	Nov. 12	1,302
59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Heterocyclic Compounds (part)	July 30	June 20	2,087
60. GLASS, R. L., Electricity—Heating; Welding; Furnaces; Battery Charging and Discharging; Consumable Electrode Lamp and Discharge Devices; Resistances and Rheostats; Prime Mover Dynamo Plants.	†June 3	Nov. 18	1,442
61. LANNAN, J., Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery; Boats, Buoys, Ships and Marine Propulsion.	Sept. 13	May 25	3,259
62. PUGH, E. C., Games; Tables; Mechanical Guns and Projectors	Oct. 18	June 11	1,552
63. WINKELSTEIN, A. H., Fermentation; Foods and Beverages; Heterocyclic Compounds (part); Oils and Fats.	†May 17	†Feb. 5	1,440
64. NASH, P. M., Compositions—Coating or Plastic (part); Fuel and Miscellaneous	†July 29	†July 30	1,821
65. McDERMOTT, F. P., Batteries; Electrical Conductors, Conduits, Insulators and Connectors	†July 11	†Jan. 27	1,049
66. LISANN, I., Geometrical Instruments	May 21	Mar. 4	2,265
67. KRAFFT, C. F., Laminated Fabrics; Photographic Processes and Products; Ornamentation	Oct. 19	July 18	1,993
68. BERMAN, H., Brakes, Boring and Drilling; Clutches and Power Stop Control	†Apr. 12	Nov. 22	1,563
69. GALVIN, D. J., Electricity—Wave Transmission, Repeaters and Relays (e. g., Amplifiers), Galvanometers and Meters.	†Apr. 17	Aug. 17	923
TRADE-MARKS: MERCHANT, J. H.	†July 7	†Sept. 4	33,941
DESIGNS: BREHM, G. L.	July 22	†Oct. 14	8,135

NOTE.—The dates given are 1946 except where † indicates 1947.

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

Adams Plastics Co., Inc., Holyoke, Mass. Handles for cutlery, kitchen utensils and housewares. Serial No. 539,589, Apr. 6. Class 23.

Advance Laboratories, Incorporated, Saginaw, Mich. Cleaning and washing compound. Serial No. 482,777, Apr. 6. Class 4.

Agricultural Chemical Mills: *See*—
Turner, F. C.

Ajax Electric Company, Inc., Philadelphia, Pa. Electric furnaces. Serial No. 499,186, Apr. 6. Class 21.

Allard, Emelie B., Ottawa, Canada. Remedy for the scalp and for the hair. Serial No. 509,624, Apr. 6. Class 6.

Allied Venetian Blind Corporation, Tallapoosa, Ga. Venetian blinds. Serial No. 523,882, Apr. 6. Class 32.

Alltex Products Company: *See*—
Simon, Irving.

Aloe, A. S., Company, St. Louis, Mo. Surgeons' gloves. Serial No. 528,980, Apr. 6. Class 44.

Altman, B., & Co., New York, N. Y. Eau de cologne, toilet powder, toilet cream and shampoo. Serial No. 538,701, Apr. 6. Class 6.

American Cyanamid Company, New York, N. Y. Folic acid derivatives. Serial Nos. 529,335–6, Apr. 6. Class 6.

American Optical Company, Southbridge, Mass. Artificial eyes. Serial No. 517,175, Apr. 6. Class 44.

American Woolen Company, New York, N. Y. Wool blankets. Serial No. 533,115, Apr. 6. Class 42.

American Beauty Florist, Inc., New York, N. Y. Desk type stapling machines used, in the main, by florists. Serial No. 525,173, Apr. 6. Class 23.

American Lady Corset Co., Detroit, Mich. Corsets, girdles, brassières, etc. Serial No. 507,875, Apr. 6. Class 39.

Anglo Fabrics Company, Inc., New York, N. Y. Woolen and worsted suitings and overcoatings in the piece. Serial No. 502,096, Apr. 6. Class 42.

Anglo American Leather Co., Inc., Newark, N. J. Processed skins and leather. Serial No. 522,979, Apr. 6. Class 1.

Antoine Chiris Company, Inc., New York, N. Y. Olive oil, vanilla beans, tonka beans, etc. Serial No. 498,583, Apr. 6. Class 46.

Autographic Register Company, Hoboken, N. J. Typewriter-paper supports in the form of containers or boxes carrying paper in rolled or folded form, etc. Serial No. 527,568, Apr. 6. Class 23.

Automatic Wire Goods Mfg. Co. Inc., New York, N. Y. Mixer strainers. Serial No. 525,178, Apr. 6. Class 23.

Barber-Colman Company, Rockford, Ill. Ventilating grilles. Serial No. 531,189, Apr. 6. Class 34.

Batcheller, Campbell R., doing business as Robinwood, New York, N. Y. Earrings, cuff-links, bracelets, necklaces and ornamental pins. Serial No. 503,627, Apr. 6. Class 28.

Bayshore Industries; Inc., Elkton, Md. Round play ball having a removable inflatable bladder and a waterproof cover or casing. Serial No. 522,515, Apr. 6. Class 22.

Beebe Bros., Inc., Seattle, Wash. Jig saws. Serial No. 528,332, Apr. 6. Class 23.

Berger Brothers Company, The, New Haven, Conn. Corsets, girdles, and brassières. Serial No. 522,715–16, Apr. 6. Class 39.

Besco Shirt Company, Inc., Elizabeth, N. J. Men's and boys' shirts. Serial No. 529,957, Apr. 6. Class 39.

Birdsong, Velma, North Sacramento, Calif. Umbrella coverings. Serial No. 515,404, Apr. 6. Class 41.

Booth, F. E., Company, Inc., San Francisco, Calif. Vitamin A and D supplement. Serial No. 514,685, Apr. 6. Class 6.

Boston Woven Hose & Rubber Company, Cambridge, Mass. Plastic material. Serial No. 513,385, Apr. 6. Class 1.

Boyle and Company, Los Angeles, Calif. Sun tan lotion. Serial No. 508,969, Apr. 6. Class 6.

Boyle-Midway Inc., Jersey City, N. J. Wax appliers and dust and polish mops. Serial No. 540,246, Apr. 6. Class 29.

Bradford Machine Tool Co., The, Cincinnati, Ohio. Lathes, drills, buffers and grinders. Serial No. 510,933, Apr. 6. Class 23.

Brightwater Paper Company, Dover, Del., and Adams, Mass. Writing paper. Serial Nos. 531,086–8, Apr. 6. Class 37.

Brown Durrell Co., Boston, Mass., and New York, N. Y. Polo shirts and slips. Serial No. 468,109, Apr. 6. Class 39.

Buckman Laboratories, Inc., Memphis, Tenn. General preservatives, disinfectants and controllers of bacteria, etc. Serial No. 515,156, Apr. 6. Class 6.

Buxton, Incorporated, Springfield, Mass. Key cases. Serial No. 534,239, Apr. 6. Class 3.

California Reverse Stitch Co.: *See*—
Seaman, Louis.

Carolina Industrial Plastics Corp., Mount Airy, N. C. Insulated wire. Serial No. 531,094, Apr. 6. Class 21.

Cecille Music Company, Inc., New York, N. Y. Mechanically grooved phonograph records. Serial No. 522,400, Apr. 6. Class 36.

Chang, Harry, doing business as Lantern Food Products Co., San Francisco, Calif. Prepared food seasonings. Serial No. 498,685, Apr. 6. Class 46.

Charters, William J., Des Moines, Iowa. Dental stimulating instruments. Serial No. 499,539, Apr. 6. Class 44.

Chelsea Milling Company, Chelsea, Mich. Biscuit mix, doughnut mix, pie crust, etc. Serial No. 526,892, Apr. 6. Class 46.

Chicago Electric Manufacturing Company, Chicago, Ill. Electric fans. Serial No. 529,362, Apr. 6. Class 21.

Chicago Electric Manufacturing Company, Chicago, Ill. Electric coffee makers. Serial No. 529,363, Apr. 6. Class 21.

Clark Thread Company, The, Wilmington, Del., and Clarksdale, Ga. Thread. Serial No. 533,142, Apr. 6. Class 43.

Commerce Petroleum Company, Chicago, Ill. Fuel oil for heating purposes. Serial No. 484,194, Apr. 6. Class 15.

Condrey, Stephen A., Wilmington, Mass. Poultices in the form of porous bags containing flaxseed. Serial No. 524,690, Apr. 6. Class 6.

Cool-Amp Co., The: *See*—
Ray, John A.

Coppus Engineering Corporation, Worcester, Mass. Centrifugal blowers and exhausters. Serial No. 531,577, Apr. 6. Class 34.

Crystal Research Laboratories, Incorporated, Hartford, Conn. Electron tube amplifying units for amplifying music. Serial No. 517,185, Apr. 6. Class 21.

Culley, Harvey E., doing business as Heatcraft Company, Louisville, Ky. Industrial and domestic gas, coal and oil fired heating equipment. Serial No. 519,864, Apr. 6. Class 34.

Curver Shoulder Pad Company: *See*—
Light, Jack.

Davidson Manufacturing Corporation, Chicago, Ill. Drawing ink. Serial No. 532,915, Apr. 6. Class 11.

Davis & Catterall, New York, N. Y., and Passaic, N. J. Ladies' scarves and handkerchiefs. Serial No. 504,341, Apr. 6. Class 39.

De Angelis, Dominick F., doing business as De Angelis Pharmacal Co., Brooklyn, N. Y. Medicinal tablets. Serial No. 501,814, Apr. 6. Class 6.

De Angelis Pharmacal Co.: *See*—
De Angelis, Dominick F.

Del-Mar Products: *See*—
Marquis, Irene.

Dresch Laboratories Company, The, Toledo, Ohio. Specially treated dentures to give maximum capillarity between the tissue and the denture. Serial No. 526,916, Apr. 6. Class 44.

Ducon Company, Brooklyn, N. Y. Air washing, centrifugal dust collecting and air filtering apparatus. Serial No. 479,869, Apr. 6. Class 34.

Eagle-Ottawa Leather Company, Grand Haven, Mich. Leather. Serial No. 522,832, Apr. 6. Class 1.

Elmo Sales Corporation, Philadelphia, Pa. Facial creams. Serial No. 538,623, Apr. 6. Class 6.

Empire Furniture Manufacturing Company, Clinton, Mass. Dining chairs and tables, and kitchen chairs and tables. Serial No. 526,772, Apr. 6. Class 32.

Etablissements Zuccolo, Rochet, Maillet & Cie, Rochet & Maillet, Annecy, France. Links for metal bracelets. Serial No. 500,295, Apr. 6. Class 28.

Evans Milling Company, Indianapolis, Ind. Cornmeal. Serial No. 521,652, Apr. 6. Class 46.

F-R Publishing Corporation, The: *See*—
New Yorker Magazine, Inc., The.

Factual Surveys, New York, N. Y. Articles contributed to newspapers and magazines. Serial No. 521,249, Apr. 6. Class 38.

Farrell-Cheek Steel Company, Sandusky, Ohio. Steel castings. Serial No. 530,073, Apr. 6. Class 14.

Floodbeem Flashlight Company, Detroit, Mich. Flashlights. Serial No. 508,844, Apr. 6. Class 21.

Florin, Philip, Inc., New York, N. Y. Wallets. Serial No. 516,067, Apr. 6. Class 3.

Fontaine Converting Works, Inc., New York, N. Y. Textile fabrics in the piece. Serial No. 532,008, Apr. 6. Class 42.

Fusite Corporation, Cincinnati, Ohio. Moisture proof protective casings. Serial No. 523,203, Apr. 6. Class 21.

G. M. C. Foods Co., New York, N. Y. Canned fruits. Serial No. 514,024, Apr. 6. Class 46.

General Printed String Company, Milwaukee, Wis. Cotton tape. Serial No 529,977, Apr.6. Class 7.

George-Wally, New York, N. Y. Haberdashery. Serial No. 515,224, Apr. 6. Class 39.

Gladwin, Limited, Sheffield, England. Silver and electroplated ware, etc. Serial No. 529,457, Apr. 6. Class 28.

Golden, Augustus J., Baltimore, Md. Cigars. Serial No. 536,686, Apr. 6. Class 17.
Goodrich, B. F., Company, The, Akron, Ohio, and New York, N. Y. Machine belting and conveyor belting, hose, tubing, etc. Serial No. 509,415, Apr. 6. Class 35.
Gordon Specialties Company, Chicago, Ill. Apparatus for remotely indicating and controlling the position of rotatable antennas. Serial No. 505,747, Apr. 6. Class 21.
Gordon Specialties Company, Chicago, Ill. Rotatable antennas. Serial No. 505,748, Apr. 6. Class 21.
Graham, Virginia S., doing business as Wave Kiss Manufacturing Company, Beverly Hills, Calif. Non-electric hair wavers. Serial No. 507,283, Apr. 6. Class 40.
Graner, Thomas M., Chico, Calif. Venetian blinds. Serial No. 531,030, Apr. 6. Class 32.
Great American Tea Company, The, New York, N. Y. Machine lubricating oil. Serial No. 528,463, Apr. 6. Class 15.
Great American Tea Company, The, New York, N. Y. Razor blades. Serial No. 528,467, Apr. 6. Class 23.
Great American Tea Company, The, New York, N. Y. Soap flakes. Serial No. 528,624, Apr. 6. Class 4.
Great Atlantic & Pacific Tea Company, The, New York, N. Y. Wines. Serial No. 527,697, Apr. 6. Class 47.
Great Atlantic & Pacific Tea Company, The, New York, Candy. Serial No. 532,018, Apr. 6. Class 46.
Greenberg, Sid, Inc., New York, N. Y. Ladies' lingerie. Serial No. 528,717, Apr. 6. Class 39.
Green Hornet Drug Company: *See*—
Stiffman, Jerome A.
Gubelin, E., Inc., assignor to Gubelin International Corporation, New York, N. Y. Watches, watch cases, and watch movements, etc. Serial No. 515,172, Apr. 6. Class 27.
Gubelin International Corporation: *See*—
Gubelin, E., Inc.
Haddican, George F., Delano, Calif. Cast iron pipe fittings. Serial No. 514,339, Apr. 6. Class 13.
Haft, Nathan, doing business as Malibu Bags, Los Angeles, Calif. Ladies' utility bags. Serial No. 529,375, Apr. 6. Class 3.
Harrower Laboratory, Inc., The, Glendale, Calif. Antacid adsorbent. Serial No. 519,949, Apr. 6. Class 6.
Heatbath Corporation, Indian Orchard, Mass. Chemicals. Serial No. 530,200, Apr. 6. Class 6.
Heatcraft Company: *See*—
Culley, Harvey E.
Help, Inc., Chicago, Ill. General household cleaning preparation. Serial No. 511,472, Apr. 6. Class 4.
Herbert & Pohs, Inc., New York, N. Y. Jewelry, not including watches, etc. Serial No. 530,080, Apr. 6. Class 28.
Heribert, Herbert J., New York, N. Y. Plastic film. Serial No. 522,543, Apr. 6. Class 42.
Heyden Chemical Corporation, New York, N. Y. Saccharin, sodium salt of saccharin and similar chemical compounds. Serial 510,172, Apr. 6. Class 6.
Hobo King Tavern: *See*—
Proe, Bertha M.
Home Decorators, Inc., Newark, N. Y. Sterling silver flat tableware. Serial No. 523,967, Apr. 6. Class 28.
Home-O-Nize Co., The, Muscatine, Iowa. Metal furniture. Serial No. 519,955, Apr. 6. Class 32.
Hotze, Henry & Sons Company, St. Louis, Mo. Golf bags and bowling bags. Serial No. 510,515, Apr. 6. Class 22.
Houghton, E. F., & Co., Philadelphia, Pa. Textile sizing agents. Serial No. 533,566, Apr. 6. Class 6.
Houghton, E. F., & Co., Philadelphia, Pa. Textile sizing and finishing agent. Serial No. 533,571, Apr. 6. Class 6.
Houghton, E. F., & Co., Philadelphia, Pa. Water repellent textile finishings. Serial No. 533,573, Apr. 6. Class 6.
House of Vision-Belgard-Spero, Inc., also doing business as House of Vision, and Belgard-Spero, Inc. Contact lenses. Serial No. 507,127, Apr. 6. Class 26.
Howard Paper Mills, Inc., Dayton, Ohio. Bond paper and ledger paper. Serial No. 529,989, Apr. 6. Class 37.
Howard Paper Mills, Inc., Dayton, Ohio. Bond paper and paper envelopes. Serial No. 529,990, Apr. 6. Class 37.
Howard Paper Mills, Inc., Dayton, Ohio. Bond paper and paper envelopes. Serial No. 529,995, Apr. 6. Class 37.
Howard Paper Mills, Inc., Dayton, Ohio. Bond paper, mimeograph paper and paper envelopes. Serial No. 529,996, Apr. 6. Class 37.
Howard Paper Mills, Inc., Dayton, Ohio. Bond paper, ledger paper, offset paper and paper envelopes. Serial No. 529,999, Apr. 6. Class 37.
Howard Paper Mills, Inc., Dayton, Ohio. Bond paper and ledger paper. Serial No. 530,003, Apr. 6. Class 37.
Interchemical Corporation, New York, N. Y. Typewriter ribbon and carbon paper. Serial No. 530,082, Apr. 6. Class 11.
Interchemical Corporation, New York, N. Y. Typewriter ribbon and carbon paper. Serial No. 530,084, Apr. 6. Class 11.
International Harvester Company, Chicago, Ill. Monthly periodical. Serial No. 536,692, Apr. 6. Class 38.
Irwin-Newman Products Corp., The, Brooklyn, N. Y. Soapless cleaning powder. Serial No. 493,687, Apr. 6. Class 4.
James, H. A., New York, N. Y. Men's and boys' knit polo shirts, knit pajamas, knit T-shirts, etc. Serial No. 525,600, Apr. 6. Class 39.
Johnson Belting Company, Inc., New York, N. Y. Leather belting. Serial No. 534,893, Apr. 6. Class 35.
Johnson Belting Company, Inc., New York, N. Y. Leather belting. Serial No. 535,042–3, Apr. 6. Class 35.
Johnson, Jesse R., doing business as Ray Tool Co. Apparatus for distributing seed, bait, and fertilizers. Serial No. 512,911, Apr. 6. Class 23.
Jostam Manufacturing Co., Peotone, Ill. Shotgun and rifle recoil pads. Serial No. 535,046, Apr. 6. Class 9.
Kabo Corset Company, Chicago, Ill. Corsets, girdles, foundations, etc. Serial No. 525,489, Apr. 6. Class 39.
Kalart Company Inc., The, Stamford, Conn. Brackets for synchronizers. Serial No. 518,463, Apr. 6. Class 26.
Kelm, Melville, Chicago, Ill. Hunters' belts with attachments. Serial No. 509,010, Apr. 6. Class 22.
Kimberly-Clark Corporation, Neenah, Wis. Printing papers. Serial No. 528,210, Apr. 6. Class 37.
Kleinert, I. B., Rubber Company, Inc., New York, N. Y. Dress shields. Serial No. 536,258, Apr. 6. Class 40.
Knapp-Monarch Company, assignor to Knapp-Monarch Company, St. Louis, Mo. Insecticide dispensers. Serial No. 496,632, Apr. 6. Class 23.
Knothe Brothers Co. Inc., New York, N. Y. Garters, waist belts and suspenders. Serial No. 529,168, Apr. 6. Class 39.
Knothe Brothers Co. Inc., New York, N. Y. Pajamas. Serial No. 529,170, Apr. 6. Class 39.
Knothe Brothers Co. Inc., New York, N. Y. Pajamas, shorts, underwear, etc. Serial No. 529,172, Apr. 6. Class 39.
Knothe Brothers Co. Inc., New York, N. Y. Pajamas, belts, garters, etc. Serial No. 529,173, Apr. 6. Class 39.
Knothe Brothers Co. Inc., New York, N. Y. Men's and boys' pajamas, underwear, dress and negligee shirts, etc. Serial No. 529,176, Apr. 6. Class 39.
Knothe Brothers Co. Inc., New York, N. Y. Pajamas and sleeping garments. Serial No. 529,273, Apr. 6. Class 39.
Koree, Jean U., New York, N. Y. Medicinal preparation. Serial No. 540,756, Apr. 6. Class 6.
Kratt, Wm., Co., Union, N. J. Harmonicas. Serial No. 519,528, Apr. 6. Class 36.
Krause, Chas. A., Milling Co., Milwaukee, Wis. Dry corn flour paste. Serial No. 534,026, Apr. 6. Class 5.
Kres-Kno Oil Burner Manufacturing Company, Inc., Palisades Park, N. J. Oil burners. Serial No. 520,633, Apr. 6. Class 34.
Lactona Incorporated, St. Paul, Minn. Three piece brush and comb sets. Serial No. 536,908, Apr. 6. Class 29.
Laher Spring and Tire Corporation, Oakland, Calif. Automotive equipment and accessories. Serial No. 507,262, Apr. 6. Class 19.
Lansdowne Steel & Iron Company, Morton, Pa. Metal forgings. Serial No. 513,746, Apr. 6. Class 14.
Lantern Food Products Co.: *See*—
Chang, Harry.
Lapp Insulator Company, Inc., Leroy, N. Y. Electrically driven positive displacement proportioning pumps of the hydraulically operated diaphragm type. Serial No. 497,867, Apr. 6. Class 23.
Lasko Strap Company, New York, N. Y. Leather wrist watch strap. Serial No. 535,244, Apr. 6. Class 40.
Lasko Strap Company, New York, N. Y. Wrist watch straps made of leather or plastic. Serial No. 535,245, Apr. 6. Class 40.
La Verne Orange Association, La Verne, Calif. Fresh citrus fruits. Serial No. 540,832, Apr. 6. Class 46.
Light, Jack, doing business as Curvex Shoulder Pad Company, Los Angeles, Calif. Shoulder pads. Serial No. 535,574, Apr. 6. Class 40.
Lighthouse Trailer Inc., Chicago, Ill. House trailers. Serial No. 497,943, Apr. 6. Class 19.
Linen Thread Co., Inc., The, New York, N. Y. Thread. Serial No. 534,034, Apr. 6. Class 43.
M16 Products Co., The: *See*—
Wilson, Emmert R.
Magikitch'n Equipment Corporation, Quakertown, Pa. Gas-heated toasters, broilers, grills, etc. Serial No. 518,237, Apr. 6. Class 34.
Magnavox Company, The, Fort Wayne, Ind. Radio receiving sets and radio phonograph combination sets. Serial Nos. 532,040–1, Apr. 6. Class 21.
Magnavox Company, The, Fort Wayne, Ind. Radio receiving sets and radio phonograph combination sets. Serial No. 532,144, Apr. 6. Class 21.
Malibu Bags: *See*—
Haft, Nathan.
Manor Manufacturing Co. Limited, Yeadon, Leeds, England. Knitting wools. Serial No. 504,056, Apr. 6. Class 43.
Marquis, Irene, doing business as Del-Mar Products, Oakland, Calif. Hair shampoo and cream lotion hair dressing. Serial No. 512,788, Apr. 6. Class 6.
Marsh Steel Corporation, North Kansas City, Mo. Steel, iron and alloy metal. Serial No. 529,072, Apr. 6. Class 14.
Marshall Field & Company, Chicago, Ill. Jackets and aprons. Serial No. 529,906, Apr. 6. Class 39.
McKinnon, Ronald J., Bedford Hills, N. Y. Vacuum steam heating system. Serial No. 529,908, Apr. 6. Class 34.

Mead Johnson & Company, Evansville, Ind. Calcium caseinate preparation. Serial No. 516,932, Apr. 6. Class 6.
Mid-Continent Airlines, Inc., Kansas City, Mo. Publications. Serial No. 535,252, Apr. 6. Class 38.
Miller, M. A., Manufacturing Co., Chicago, Ill. Phonograph needles. Serial No. 513,670, Apr. 6. Class 36.
Miller's Forge Mfg. Corp., New York, N. Y. Manicure implements. Serial No. 529,186, Apr. 6. Class 44.
Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature controlling instruments in the form of thermostats. Serial No. 528,010, Apr. 6. Class 26.
Modglin Company, Inc., Los Angeles, Calif. Hair brushes, nail brushes and toothbrushes. Serial No. 518,025, Apr. 6. Class 29.
Monsanto Chemical Company, St. Louis, Mo. Chemical toxicants. Serial No. 539,193, Apr. 6. Class 6.
Monsanto Chemical Company, St. Louis, Mo. Herbicides. Serial No. 539,194, Apr. 6. Class 6.
Morrell, John, & Co., Ottumwa, Iowa. Cheese and canned deviled ham. Serial No. 524,332, Apr. 6. Class 46.
Morse Signal Devices and Alarm Company, Cleveland, Ohio. Burglar-alarm service. Serial No. 528,499, Apr. 6. Class 55.
Murphysboro Grocery Company, Murphysboro, Ill. Brooms. Serial No. 539,197, Apr. 6. Class 29.
Nassau Smelting & Refining Company, Incorporated, New York, N. Y. Copper ingots, copper ingot bars, copper wire bars, etc. Serial No. 517,078, Apr. 6. Class 14.
New Yorker Magazine, Inc., The, formerly known as The F-R Publishing Corporation, New York, N. Y. Magazine column. Serial Nos. 530,422–3, Apr. 6. Class 38.
Norit-T-Company, North Hampton, N. H. Matches. Serial No. 507,925, Apr. 6. Class 9.
Odora Company, Inc., New York, N. Y. Preparation for repelling and exterminating moths. Serial No. 537,073, Apr. 6. Class 6.
Oneida Ltd., Sherrill and Oneida, N. Y. Silverplated flat tableware. Serial No. 524,003, Apr. 6. Class 28.
Oneida Ltd., Sherrill and Oneida, N. Y. Silverplated flat tableware. Serial No. 524,004, Apr. 6. Class 28.
Oneida Ltd., Sherrill and Oneida, N. Y. Silverplated flat tableware. Serial No. 524,005, Apr. 6. Class 28.
Oneida Ltd., Sherrill and Oneida, N. Y. Silverplated flat tableware. Serial No. 524,008, Apr. 6. Class 28.
Oneida Ltd., Sherrill and Oneida, N. Y. Silverplated flat tableware. Serial No. 524,011, Apr. 6. Class 28.
Oxford Laboratories, Incorporated, Dayton, Va. Guaiacol carbonate with vitamins. Serial No. 518,316, Apr. 6. Class 6.
Oxzyn Company, Clifton, N. J. Powder puffs. Serial No. 537,933, Apr. 6. Class 29.
P. A. Laboratories, Inc., South Bend, Ind. Underarm perspiration deodorant. Serial No. 513,134, Apr. 6. Class 6.
Pacific Mills, Boston, Mass., and New York, N. Y. Woolen fabrics in the piece. Serial Nos. 519,290–1, Apr. 6. Class 42.
Palm Brothers Decalcomania Company, The, Cincinnati, Ohio. Decalcomanias. Serial No. 535,599, Apr. 6. Class 38.
Palomino Sportswear Company, Los Angeles, Calif. Men's sport shirts. Serial No. 529,816, Apr. 6. Class 39.
Pannettes Company, Pittsburgh, Pa. Thin metal or foil liners. Serial No. 505,854, Apr. 6. Class 13.
Park & Tilford, New York, N. Y. Lipsticks, face powder, rouges, etc. Serial No. 531,940, Apr. 6. Class 6.
Pastene & Co., Inc., New York, N. Y. Cheese. Serial No. 516,034, Apr. 6. Class 46.
Pepperell Manufacturing Company, Boston, Mass. Blankets and sheets. Serial No. 463,760, Apr. 6. Class 42.
Petroleum Specialties Company, St. Louis, Mo. Polymerized olefinic hydrocarbons. Serial No. 510,860, Apr. 6. Class 1.
Physicians' Drug & Supply Co., Philadelphia, Pa. Tablets. Serial No. 538,660, Apr. 6. Class 6.
Pioneer Suspender Company, Philadelphia, Pa. Garters, braces, and suspenders. Serial No. 527,379, Apr. 6. Class 39.
Plomb Tool Company, Los Angeles, Calif. Wrenches. Serial No. 540,008, Apr. 6. Class 23.
Plymouth Cordage Company, Plymouth and North Plymouth, Mass. Rope. Serial No. 534,049, Apr. 6. Class 7.
Proe, Bertha M., doing business as Hobo King Tavern, Northfield, Ohio. Dinner. Serial No. 489,415, Apr. 6. Class 46.
Pyroxylin Products, Inc., Chicago, Ill. Family of coating compositions. Serial No. 520,414, Apr. 6. Class 6.
Radio Corporation of America, New York, N. Y. Articles composed wholly or in part of natural and/or synthetic rubber. Serial No. 525,949, Apr. 6. Class 21.
Rahr Malting Co., Manitowoc, Wis. Malt. Serial No. 498,455, Apr. 6. Class 46.
Rainbow Lamp Shade Company: *See*—
Salvo, Orazio.
Raullerson, Alma I., Albany, N. Y. Hair preparation. Serial No. 501,671, Apr. 6. Class 6.
Ray, John A., doing business as The Cool-Amp Co., Portland, Oreg. Powder. Serial No. 514,846, Apr. 6. Class 6.
Ray Tool Co.: *See*—
Johnson, Jesse R.
Reese, Mayo, Inc., Chicago, Ill. Toilet preparations. Serial No. 503,389, Apr. 6. Class 6.
Robinwood: *See*—
Batcheller, Campbell R.
Rockwell Manufacturing Company, Pittsburgh, Pa. Stick glue and liquid cement. Serial No. 534,347, Apr. 6. Class 5.
Ross & Roberts, Inc., West Haven, Conn. Transparent or translucent vinyl plastic film. Serial No. 501,208, Apr. 6. Class 42.
Roux Distributing Co., Inc., New York, N. Y. Nail enamel, nail enamel thinner, cream nail enamel remover, etc. Serial No. 530,338, Apr. 6. Class 6.
Roux Laboratories, Inc., New York, N. Y. Aniline dyestuffs, certified colorings, solvents, etc. Serial No. 530,337, Apr. 6. Class 6.
Rythmeter Company, The: *See*—
Tilbrook, Gilmore L.
Salvo, Orazio, doing business as Rainbow Lamp Shade Company, New York, N. Y. Lamp shades. Serial No. 513,537, Apr. 6. Class 34.
Saxon Toy Corporation, Brooklyn, N. Y. Roulette and put and take game. Serial No. 500,901, Apr. 6. Class 22.
Schaller, Carleton & Co., Inc., New York, N. Y. Cotton and rayon table cloths and table linens. Serial No. 533,399, Apr. 6. Class 42.
Schnellhardt, Kurt R.: *See*—
Tensalum Corporation.
Scholastic Corporation, New York, N. Y. Periodical. Serial No. 534,679, Apr. 6. Class 38.
Seaman, Louis, doing business as California Reverse Stitches Co. Reverse stitcher for attaching to sewing machines for the purpose of changing the stitching mechanism. Serial No. 520,189, Apr. 6. Class 23.
Selas Corporation of America, Philadelphia, Pa. Gas distribution apparatus; fluid fuel burners and parts therefor, etc. Serial No. 522,198, Apr. 6. Class 34.
Sengbusch Self-Closing Inkstand Company, Milwaukee, Wis. Inkwells, desk files, and writing pens, etc. Serial No. 506,351, Apr. 6. Class 37.
Seran Company, Inc., Springfield, Mass. Shampoo, skin cream and lotion, etc. Serial No. 519,297, Apr. 6. Class 6.
Sharp & Dohme, Incorporated, Philadelphia, Pa. Preparation useful to influence the basal metabolic rate. Serial No. 536,552, Apr. 6. Class 6.
Sharp & Dohme, Incorporated, Philadelphia, Pa. Preparation useful in the treatment and prevention of metabolic deficiencies. Serial No. 537,835, Apr. 6. Class 6.
Simon, Irving, doing business as Alltex Products Company, New York, N. Y. Vehicular brake blocks. Serial No. 511,649, Apr. 6. Class 19.
Simtex Mills, Div. of Simmons Company, New York, N. Y. Tablecloths and napkins. Serial No. 536,647, Apr. 6. Class 42.
Sinclair, H. M., Jr., trustee for The Partnership, The Sinclair Manufacturing Company, Toledo, Ohio. Lye. Serial No. 526,988, Apr. 6. Class 6.
Sinclair Manufacturing Company, The: *See*—
Sinclair, H. M., Jr.
Skinner Manufacturing Company, assignee: *See*—
Wood, John H., Company.
Slumber Bedding Co. Inc.: *See*—
Slumber Bedding & Mattress Co., Inc.
Slumber Bedding & Mattress Co., Inc., doing business as Slumber Bedding Co. Inc., New York, N. Y. Box springs, mattresses, folding cots and studio couches. Serial No. 522,670, Apr. 6. Class 32.
Smith, Kline & French Laboratories, Philadelphia, Pa. Antibiotic. Serial No. 541,209, Apr. 6. Class 6.
Spinnerin Yarn Co., Inc., New York, N. Y., assignor to Spinnerin Yarn Co., Inc., South Hackensack, N. J. Stamped goods for rug making. Serial No. 520,065, Apr. 6. Class 40.
Splendor Ltd., Nottingham, England. Medicated foot ointments and foot powders. Serial No. 500,910, Apr. 6. Class 6.
State Brand Creameries, Inc., Mason City, Iowa. Cheddar cheese sandwich spread. Serial No. 518,989, Apr. 6. Class 46.
Stauffer, H. C., doing business as West Point Hosiery Company, West Point, Pa. Women's hosiery. Serial No. 516,739, Apr. 6. Class 39.
Stiffman, Jerome A., doing business as Green Hornet Drug Company, Lansdowne, Md. Medicinal tablets. Serial No. 514,569, Apr. 6. Class 6.
Stony Brook Industries, Old Saybrook, Conn. Fishing rods, fishing tip-ups and fishing reels. Serial No. 505,529, Apr. 6. Class 22.
Stroud, Edwin Y., New York, N. Y. Overcoatings and other piece goods. Serial No. 512,937, Apr. 6. Class 42.
Sun Oil Company, Philadelphia, Pa. Chrome cleaner, dry cleaning fluid, spark plug abrasive and cleaning sand, etc. Serial No. 525,419, Apr. 6. Class 4.
Sun Oil Company, Philadelphia, Pa. Storage battery hydrometer, automobile thermostats, pneumatic tire gauges; etc. Serial No. 525,423, Apr. 6. Class 26.

Svenska Aktiebolaget "Ratin," Stockholm, Sweden. Preparation for the extermination of rats. Serial No. 514,856, Apr. 6. Class 6.

Talon, Inc.: *See*—
Wilson Fastener Company, The.

Talon, Inc., Meadville, Pa. Chains. Serial No. 527,799, Apr. 6. Class 13.

Talon, Inc., Meadville, Pa. Cuffs for use with sphygmomanometers and surgical stockings. Serial No. 527,878, Apr. 6. Class 44.

Teleoptic Company, The, Racine, Wis. Electric driving lights for automobiles. Serial No. 517,876, Apr. 6. Class 21.

Teleoptic Company, The, Racine, Wis. Electric stop lights. Serial No. 518,631, Apr. 6. Class 21.

Tensalum Corporation, Franklin Park, assignor to Kurt R. Schnellhardt, Ingleside, Ill. Aluminum alloys. Serial No. 499,446, Apr. 6. Class 14.

Thiriez, J., Pere & Fils & Cartier-Bresson Societe A Responsabilite Limitee, Lille, France. Piece goods in the form of cotton lace. Serial No. 509,740, Apr. 6. Class 42.

Tilbrook, Gilmore L., doing business as The Rythmeter Company, Virginia Beach, Va. Printed data chart in the nature of a calendar. Serial No. 538,586, Apr. 6. Class 26.

Torrington Manufacturing Company, The, Torrington, Conn. Centrifugal blower wheels. Serial No. 531,260, Apr. 6. Class 34.

Trio Chemical Works, Inc., Brooklyn, N. Y. Pine disinfectant. Serial No. 522,084, Apr. 6. Class 6.

Turner, F. C., doing business as Agricultural Chemical Mills, Marion, Ill. Garden insecticides. Serial No. 523,295, Apr. 6. Class 6.

Ultra Slide Fastener Corp., New York, N. Y. Separable fasteners. Serial No. 519,706, Apr. 6. Class 13.

U. S. Industrial Chemicals, Inc., New York, N. Y. Organosilicon compounds. Serial No. 500,430, Apr. 6. Class 6.

United States Rubber Company, New York, N. Y. Rubber tapes or thread for powering model aircraft. Serial No. 513,481, Apr. 6. Class 22.

United States Rubber Company, New York, N. Y. Storage batteries. Serial No. 531,396–8, Apr. 6. Class 21.

Vanderbilt, R. I., Company, Inc., New York, N. Y. Pyrophyllite or talc use as an ingredient of cosmetics. Serial No. 513,543, Apr. 6. Class 6.

Vermex Company of America, Glendale, Calif. Insecticides. Serial No. 501,699, Apr. 6. Class 6.

Von, Frank, doing business as Vonett Sales Company, Los Angeles, Calif. Shampoo for dogs. Serial No. 510,139, Apr. 6. Class 6.

Vonett Sales Company: *See*—
Von, Frank.

Warshauer, Benjamin, Stockton, Calif. Women's shoes. Serial No. 531,070, Apr. 6. Class 39.

Wave Kiss Manufacturing Company: *See*—
Graham, Virginia S.

Weinman Brothers, Inc., Chicago, Ill. Molded sheet-plastic shell. Serial No. 519,426, Apr. 6. Class 50.

West Point Hosiery Company: *See*—
Stauffer, H. C.

Wilkening Manufacturing Company, Philadelphia, Pa. Piston rings and piston ring expanders. Serial No. 527,576, Apr. 6. Class 35.

Wilson, Emmert R., doing business as The M16 Products Co., Stockton, N. J. Fertilizers. Serial No. 519,500, Apr. 6. Class 10.

Wilson Fastener Company, The, Cleveland, Ohio, assignor to Talon, Inc., Meadville, Pa. Snap fasteners. Serial No. 527,941, Apr. 6. Class 40.

Wood, John H., Company, Philadelphia, Pa., assignor to Skinner Manufacturing Company, Omaha, Nebr. Deodorant. Serial No. 520,664, Apr. 6. Class 6.

Wright & Lawrence Laboratories, Inc., Chicago, Ill. Ointment. Serial No. 523,152, Apr. 6. Class 6.

Wyoming Valley Manufacturing Co., West Pittston Borough, Pa. Vanities and cigarette cases made of precious metal. Serial No. 505,935, Apr. 6. Class 28.

Yancey, Charles L., Norristown, Pa. Combination pool and croquet game. Serial No. 496,188, Apr. 6. Class 22.

Zadek Feldstein, Co., Inc., New York, N. Y. Toy rattles, dolls, toy chains, etc. Serial No. 496,022, Apr. 6. Class 22.

LIST OF REGISTRANTS OF TRADE-MARKS

Abbo, Tito, Junior y Hermanos, Maracaibo, Venezuela. Green coffee. 437,896, Apr. 6; Serial No. 485,976, published Jan. 13, 1948. Class 46.

Abercrombie & Fitch Company, New York, N. Y. Playing cards, chess, checkers, etc. 240,424, renewed Mar. 27, 1948. O. G. Apr. 6. Class 22.

Acme Steel Company, Chicago, Ill. Galvanized stapling wire. 233,751, Oct. 11, 1927. Republished Apr. 6. Class 14.

Acme Visible Records, Inc., Chicago, Ill. Blank forms. 412,278, Feb. 27, 1945. Republished Apr. 6. Class 37.

Adler Bros. Lace Corp, New York, N. Y. Shoe heel braces, shoe nails, etc. 438,107, Apr. 6; Serial No. 525,754, published Jan. 13, 1948. Class 13.

Advance Aluminum Castings Corp., Chicago, Ill. Cast aluminum non-electric cookware. 437,952, Apr. 6; Serial No. 507,227, published Jan. 13, 1948. Class 13.

Aircraft Corporation: *See*—
Rogers Diesel.

Aircraft and Mechanical Productions Limited, High Wycombe, Great Britain, now by change of name Airmec Limited. Radio receiving sets, radio transmitting sets, etc. 437,901, Apr. 6; Serial No. 491,303, published Jan. 13, 1948. Class 21.

Airmec Limited: *See*—
Aircraft and Mechanical Productions Limited.

Allied Chemical & Dye Corporation: *See*—
National Aniline & Chemical Company, Incorporated.

Allied Importing Company, San Francisco, Calif., assignor to D. Salazar, doing business as World-Wide Importing Company, Albuquerque, New Mex. Whiskey. 437,889, Apr. 6; Serial No. 474,616, published Jan. 13, 1948. Class 49.

Althoff, Warren G., Glendale, Calif. Paper doilies. 500,035, Apr. 6; Serial No. 527,059, published Jan. 13, 1948. Class 37.

Altorfer Bros. Company, Peoria, Ill. Laundry washing machines. 235,362, Nov. 15, 1927. Republished Apr. 6. Class 24.

American Chewing Products Corp., Newark, N. J. Chewing gum. 438,007, Apr. 6; Serial No. 516,049, published Sept. 23, 1947. Class 46.

American Cone & Pretzel Company: *See*—
Oakdale Baking Company.

American Fork and Hoe Company, The: *See*—
Turner Day & Woolworth Handle Company.

American Fork and Hoe Company, The, Cleveland, Ohio. Hand tools. 374,759, Jan. 23, 1940. Republished Apr. 6. Class 23.

American Fork & Hoe Company, Cleveland, Ohio. Fishing rods, fishing rod handles, fishing rod cases, etc. 383,070, Nov. 19, 1940. Republished Apr. 6. Class 22.

American Gas Machine Company, Albert Lea, Minn. Gasoline burning cooking stoves. 437,990, Apr. 6; Serial No. 514,164, published Dec. 30, 1947. Class 34.

American Phenolic Corporation, Chicago, Ill. Electrical cable. 403,807, Oct. 10, 1943. Republished Apr. 6. Class 21.

American Spectacle Co., Inc., New York, N. Y. Sun glasses. 438,008, Apr. 6; Serial No. 516,246, published Jan. 6, 1948. Class 26.

American Sugar Refining Company, The: *See*—
McCahan, W. J., Sugar Refining & Molasses Co., The.

American Woolen Company, New York, N. Y. Women's coats. 403,976, Oct. 26, 1943. Republished Apr. 6. Class 39.

Amherst Blanket Co.: *See*—
Poor, Edward E., Jr.

Amoskeag Pajama Co. Inc., Manchester, N. H., by Amoskeag Pajama Co., Inc., Boston, Mass. Pajamas, nightshirts and underwear. 372,634, Nov. 7, 1939. Republished Apr. 6. Class 39.

Ampco Metal Inc., Milwaukee, Wis. Wear registant and corrosion resistant machine parts of copper base alloy. 419,045, Feb. 5, 1946. Republished Apr. 6. Class 23.

Anchor Paper Company, The, Cincinnati, Ohio. Wrapping paper. 437,996, Apr. 6; Serial No. 514,929, published Dec. 30, 1947. Class 37.

Andrew, Jno. Hy., & Co. Ld., by Andrews Toledo Ltd., Sheffield, England. Machine knives, machine tools, twist drills, etc. 65,611, Oct. 8, 1907. Republished Apr. 6. Class 23.

Andrews Toledo Ltd.: *See*—
Andrew, Jno. Hy., & Co. Ld.

Apco Mossberg Company: *See*—
Mossberg Company.

Appleton Electric Company, Chicago, Ill. Connectors for securing cables or conduits to outlet boxes or connection boxes. 380,447, June 20, 1939. Republished Apr. 6. Class 21.

Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Rubber household gloves. 379,004, June 25, 1940. Republished Apr. 6. Class 39.

Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Fibrous acoustical insulating material. bination water bottles and fountain syringes. 383,438–40, Dec. 10, 1940. Republished Apr. 6. Class 44.

Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Water bottles, fountain syringes, and combination water bottles and fountain syringes. 383,581, Dec. 17, 1940. Republished Apr. 6. Class 44.

Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Cork roll covers. 391,300, Oct. 28, 1941. Republished Apr. 6. Class 23.

Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Fibrous acoustical insulating material. 395,473, May 26, 1942. Republished Apr. 6. Class 12.

Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Blocks or slabs of cork composition. 418,516, Jan. 1, 1946. Republished Apr. 6. Class 50.

Armstrong Cork Company, Lancaster, Pa. Light weight flavor, wall and similar surface coverings of the linoleum type. 423,610, Sept. 3, 1946. Republished Apr. 6. Class 20.

Associated Newsreels Corp, Cuyahoga Falls, Ohio. Motion picture projectors, cameras, etc. 438,130, Apr. 6; Serial No. 485,041. Class 26.

Associated Research, Incorporated, Chicago, Ill. Electrical measuring instruments. 437,984, Apr. 6; Serial No. 513,017, published Jan. 6, 1948. Class 26.

Atkins, E. C., and Company, Indianapolis, Ind. Hack saw blades. 388,869, July 15, 1941. Republished Apr. 6. Class 23.

Atlantic Mills, The, Olneyville, R. I., by A. D. Juilliard & Co., Inc., New York, N. Y. Woolen dress goods. 233,565, Oct. 4, 1927. Republished Apr. 6. Class 42.

Atlantic Mills, The, Providence, R. I., and Stottville, N. Y., to A. D. Juilliard & Co., New York, N. Y. Woolen dress goods and dress fabrics in the piece. 235,036, renewed Nov. 8, 1947. O. G. Apr. 6. Class 42.

Atlantic Mills, The, Olneyville, R. I., and Stottville, N. Y., to A. D. Juilliard & Co., Inc., New York, N. Y. Woolen dress goods and dress fabrics in the piece. 235,061, renewed Nov. 8, 1947. O. G. Apr. 6. Class 42.

Aune, Lawrence, Clitherall, Minn. Collapsible scaffolds. 437,923, Apr. 6; Serial No. 499,687, published Jan. 13, 1948. Class 50.

Automatic Products Company, Milwaukee, Wis. Hygrometers, thermostats, humidity conditioning control units, etc. 380,180, Aug. 13, 1940. Republished Apr. 6. Class 26.

Automatic Products Company, Milwaukee, Wis. Electric solenoids, transformers, converters, and condensers. 380,181, Aug. 13, 1940. Republished Apr. 6. Class 21.

Automatic Water Heater Sales Co.: *See*—
Woodmansee, Charles F.

Ayoub, Joseph A., San Francisco, Calif. Ladies' and misses' blouses, and blouse and slip combinations. 409,534, Oct. 10, 1944. Republished Apr. 6. Class 39.

B. V. D. Company, Inc., The, to The B. V. D. Corporation, Baltimore, Md. Underwear. 238,900, renewed Feb. 14, 1948. O. G. Apr. 6. Class 39.

B. V. D. Company, Inc., The, to The B. V. D. Corporation, Baltimore, Md. Underwear. 239,246, renewed Feb. 28, 1948. O. G. Apr. 6. Class 39.

B. V. D. Corporation, The: *See*—
B. V. D. Company, Inc., The.

Bahr's, Inc., doing business as Creme De Mist Laboratories, Sioux Falls, S. Dak. Shampoos, permanent waving solutions, and hair creme. 437,957, Apr. 6; Serial No. 507,878, published Jan. 13, 1948. Class 6.

Bailey, L. E., Centerville, Calif. Fresh vegetables. 438,094, Apr. 6; Serial No. 524,102, published Dec. 30, 1947. Class 46.

Baird, William McKinley, Chicago, Ill. Ladders. 438,099, Apr. 6; Serial No. 524,591, published Dec. 30, 1947. Class 50.

Bankers Box Company, Chicago, Ill. Copy holders. 437,988, Apr. 6; Serial No. 513,797, published Dec. 30, 1947. Class 37.

Barnes, Henry K., Company, Salem, Mass. Leather textile aprons. 394,490, Apr. 7, 1942. Republished Apr. 6. Class 23.

Barrett, Alfred, doing business as Hogi-Boka Creations, Staten Island, N. Y. Games played with boards and movable game pieces. 437,986, Apr. 6; Serial No. 513,155, published Jan. 6, 1948. Class 22.

Bassick Company, The, Bridgeport, Conn. Casters. 149,347–8, Dec. 13, 1921. Republished Apr. 6. Class 13.

Bassick Company, The, Bridgeport, Conn. Casters. 150,727, Jan. 10, 1922. Republished Apr. 6. Class 13.

Bassick Company, The, Bridgeport, Conn. Furniture caster wheels. 395,433, May 26, 1942. Republished Apr. 6. Class 13.

Bastian-Blessing Company, The, Chicago, Ill. Comic strip. 437,948, Apr. 6; Serial No. 506,914, published Dec. 30, 1947. Class 38.

Bastian-Blessing Company, The, Chicago, Ill. Feature column in a publication. 437,949, Apr. 6; Serial No. 506,915, published Dec. 30, 1947. Class 38.

Bateman, William M., doing business as Jungle Juice Products Company, Cleburne, Tex. Maltless soft drinks. 438,039, Apr. 6; Serial No. 519,310, published Dec. 23, 1947. Class 45.

Bates Manufacturing Company: *See*—
Bliss, Fabyan Company.

Baxter, Don, Inc., Glendale, Calif. Booklets. 500,037, Apr. 6; Serial No. 528,551, published Jan. 13, 1948. Class 38.

Bay View Kennels: *See*—
Klump, Elmer W.

Bear Hollow Caladium Farm, Lake Placid, Fla. Flower bulbs. 438,101, Apr. 6; Serial No. 525,185, published Dec. 30, 1947. Class 1.

Bear Mill Manufacturing Company, Inc.: *See*—
Bernheimer, Adolph L.

Bear Mill Manufacturing Company, Inc., New York, N. Y. Fabrics. 241,327, renewed Apr. 24, 1948. O. G. Apr. 6. Class 42.

Beau-Art Lingerie Co. Inc., New York, N. Y. Women's, misses', and junior misses' slips, nightgowns, etc. 438,035, Apr. 6; Serial No. 518,811, published Jan. 6, 1948. Class 39.

Beauty Lambs, Inc., New York, N. Y. Dyed lamb fur. 438,102, Apr. 6; Serial No. 525,186, published Dec. 30, 1947. Class 1.

Belle Meade Distilling Corporation, assignee: *See*—
Gretske, Harry.

Bemis Bro. Bag Company, St. Louis, Mo. Parcel-post mailing-envelopes. 149,343, Dec. 13, 1921. Republished Apr. 6. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Fabric and paper bags and sacks. 266,776–7, Feb. 4, 1930. Republished Apr. 6. Class 2.

Bemis Bro. Bag Co., St. Louis, Mo. Paper bags. 367,612, May 23, 1939. Republished Apr. 6. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Textile piece goods used in connection with soil to prevent erosion. 378,094, May 28, 1940. Republished Apr. 6. Class 42.

Bemis Bro. Bag Company, St. Louis, Mo. Paper bags. 393,425, Feb. 10, 1942. Republished Apr. 6. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. House-organ magazine. 423,767, Sept. 10, 1946. Republished Apr. 6. Class 38.

Bendix Aviation Corporation, Detroit, Mich. Carburetors and accessories therefor. 398,195, Oct. 13, 1942. Republished Apr. 6. Class 23.

Bendix Aviation Corporation, Detroit, Mich. Carburetors, governors, and accessories therefor. 401,472, May 18, 1943. Republished Apr. 6. Class 23.

Ben-Hur Products, Inc., Los Angeles, Calif. Peanut butter. 438,069, Apr. 6; Serial No. 521,787, published Dec. 30, 1947. Class 46.

Bentley-Wilson Inc., Camden, N. Y. Tennis and badminton rackets. 437,967, Apr. 6; Serial No. 510,157, published Dec. 23, 1947. Class 22.

Bernard-Murray Co., Brooklyn, N. Y. Pyrophoric cigar and cigarette lighters. 437,931, Apr. 6; Serial No. 501,709, published Dec. 30, 1947. Class 34.

Bernheimer, Adolph L., to Bear Mill Manufacturing Company, Inc., New York, N. Y. Woven goods. 30,898. Re-renewed Nov. 23, 1947. O. G. Apr. 6. Class 42.

Bleshman, Jacob W., doing business as Bleshman Lamp and Shade Co., Philadelphia, Pa. Lamp shades. 437,910, Apr. 6; Serial No. 496,602, published Jan. 6, 1948. Class 34.

Bleshman Lamp and Shade Co.: *See*—
Bleshman, Jacob W.

Bliss, Fabyan Company, New York, N. Y., assignor to Bliss Fabyan & Co. Inc., to Bates Manufacturing Company, Lewiston, Maine. Bedspreads. 236,439, renewed Dec. 13, 1947. O. G. Apr. 6. Class 42.

Bliss Fabyan & Co. Inc., assignee: *See*—
Bliss, Fabyan Company.

Borden Company, The: *See*—
Kenneweg Company, The.

Brach, E. J., & Sons, Chicago, Ill. Candy. 240,188, renewed Mar. 20, 1948. O. G. Apr. 6. Class 46.

Brethren in Christ Publication Board, Inc., doing business as The Christian Light Press, Elizabethtown, Pa. Cardboard easels for holding small pictures, stationery, etc. 437,925, Apr. 6; Serial No. 500,050, published Dec. 30, 1947. Class 37.

Bridgeport Brass Company, assignee: *See*—
Westinghouse Electric Corporation.

Briess, Eric, New York, N. Y. Malts for brewery purposes. 437,978, Apr. 6; Serial No. 511,536, published Dec. 23, 1947. Class 48.

Briggs Bituminous Composition Co.: *See*—
Farber, John D.

Broquinda Corporation, The: *See*—
Broquinda, Inc.

Broquinda, Inc., by The Broquinda Corporation, St. Petersburg, Fla. Filters and refrigerator units. 374,138. Jan. 2, 1940. Republished Apr. 6. Class 31.

Brown & Bigelow, St. Paul, Minn. Greeting cards. 235,054, Nov. 8, 1927. Republished Apr. 6. Class 38.

Brown & Bigelow, St. Paul, Minn. Periodical. 237,852, Jan. 17, 1928. Republished Apr. 6. Class 38.

Brown & Bigelow, St. Paul, Minn. Leather goods. 416,393, Sept. 11, 1945. Republished Apr. 6. Class 3.

Brown, C. H., doing business as C. C. Brown's, Hollywood, Calif. Candy. 438,097, Apr. 6; Serial No. 524,230, published Dec. 30, 1947. Class 46.

Brown, Geo. D., & Sons, Inc., doing business as Chelan Falls Orchards, Chelan Falls, Wash. Fresh deciduous fruits. 438,124, Apr. 6; Serial No. 526,196, published Dec. 23, 1947. Class 46.

Brown, Scott, Mansfield, Ohio. Cartoon which appears in newspapers and magazines. 438,080, Apr. 6; Serial No. 522,405, published Dec. 16, 1947. Class 38.

Brown's, C. C.: *See*—
Brown, C. H.

Buckley, Newhall Company, The, New York, N. Y., to The Buckley, Newhall Company, Brooklyn, N. Y. Electric coffee and tea pots and percolator electric dishwashing machines, etc. 241,979, renewed May 8, 1948. O. G. Apr. 6. Class 21.

Buckley, Newhall Company, The, New York, N. Y., to The Buckley, Newhall Company, Brooklyn, N. Y. Radio apparatus and parts thereof comprising radio receiving sets, loud speakers, etc. 241,985, renewed May 8, 1948. O. G. Apr. 6. Class 21.

Buda Company, The, Harvey, Ill. Electric light and power generating sets. 260,926, Sept. 3, 1929. Republished Apr. 6. Class 21.

Bupane Gas Company, Incorporated, Cedar Rapids, Iowa. Liquefied petroleum gas. 500,042, Apr. 6; Serial No. 533,432, published Jan. 13, 1948. Class 6.

Burger Brewing Co., The, Cincinnati, Ohio. Beer, malt beverages, and ale. 438,082, Apr. 6; Serial No. 522,783, published Dec. 16, 1947. Class 48.

Burke & James, Inc., Chicago, Ill. Electric foot switches. 437,894, Apr. 6; Serial No. 484,235, published Jan. 6, 1948. Class 21.

Burlington Brewing Company, Burlington, Wis. Beer. 405,265, Jan. 18, 1944. Republished Apr. 6. Class 48.

Business Collaborators, Incorporated, St. Louis, Mo. Filters. 391,695, Nov. 18, 1941. Republished Apr. 6. Class 31.

Butler Trading Company, Inc., Wenatchee, Wash. Fresh deciduous fruits. 438,125, Apr. 6; Serial No. 526,199, published Dec. 30, 1947. Class 46.

Byck Bros. & Company, Incorporated, Louisville, Ky. Women's, misses', children's outer garments—namely, dresses, wraps, coats, etc. 241,942, renewed May 8, 1948. O. G. Apr. 6. Class 39.

Cabometer, Inc., Anniston, Ala. Taxi-meter. 438,133, Apr. 6; Serial No. 496,604. Class 26.

Cadolle Freres, to Cadolle Freres, Societe a Responsabilite Limitee, Paris, France. Perfumes, toilet creams, toilet powders, etc. 233,947, renewed Oct. 11, 1947. O. G. Apr. 6. Class 6.

Cadolle Freres, Societe a Responsabilite Limitee: *See*— Cadolle Freres.

California Fruit Growers Exchange, Los Angeles, Calif. Metal strainers intended primarily for fruit juices and the like. 437,991, Apr. 6; Serial No. 514,408, published Jan. 13, 1948. Class 13.

Campana Corporation, Batavia, Ill. Astringent. 357,125, May 24, 1938. Republished Apr. 6. Class 6.

Campana Corporation, Batavia, Ill. Lotions for the skin. 376,826, Apr. 9, 1940. Republished Apr. 6. Class 6.

Campana Corporation, Batavia, Ill. Lotions for the skin. 376,827, Apr. 9, 1940. Republished Apr. 6. Class 6.

Campana Corporation, by Campana Sales Company, Batavia, Ill. Lotions for the skin. 383,839, Dec. 24, 1940. Republished Apr. 6. Class 6.

Campana Corporation, by Campana Sales Company, Batavia, Ill. Toilet soap. 383,867, Dec. 24, 1940. Republished Apr. 6. Class 4.

Campana Corporation, Batavia, Ill. Make-up preparation. 403,275, Sept. 14, 1943. Republished Apr. 6. Class 6.

Campana Corporation, Batavia, Ill. Lipstick. 418,214, Dec. 11, 1945. Republished Apr. 6. Class 6.

Campana Sales Company: *See*— Campana Corporation.

Campana Sales Company, Batavia, Ill. Toilet soap. 409,860, Oct. 24, 1944. Republished Apr. 6. Class 4.

Campana Sales Company, Batavia, Ill. Colognes and perfumery. 412,940, Apr. 3, 1945. Republished Apr. 6. Class 6.

Canada Biscuit Company, Limited, to McCormick's Limited, London, Canada. Biscuits. 233,333, renewed Sept. 27, 1947. O. G. Apr. 6. Class 46.

Carey Salt Co., The, Hutchinson, Kans. Medium salt, sausage seasoning composed principally of salt, sugar, and spices, etc. 438,001, Apr. 6; Serial No. 515,535, published Dec. 23, 1947. Class 46.

Carolus Manufacturing Company, Sterling, by Manco Mfg. Co., Bradley, Ill. Wire clippers, bolt cutters, and nut splitters. 235,882, Nov. 29, 1927. Republished Apr. 6. Class 23.

Central Paper Company, Menasha, Wis. Adding-machine paper. 152,366, Feb. 28, 1922. Republished Apr. 6. Class 37.

Chapman-Gilbert C., Inc., The, San Diego, Calif. Weed killing compositions. 500,047, Apr. 6; Serial No. 516,671. Class 6.

Charles & Co., to Charles & Co., Inc., New York, N. Y. Basketed fresh fruits. 66,385, renewed Nov. 26, 1947. O. G. Apr. 6. Class 46.

Charles & Co., to Charles & Co., Inc., New York, N. Y. Candies, glacé fruits, chocolates, etc. 66,792, renewed Dec. 31, 1947. O. G. Apr. 6. Class 46.

Charles & Co., Inc.: *See*— Charles & Co.

Charleston Milling Company, Charleston, W. Va. Wheat flour. 389,063, July 22, 1944. Republished Apr. 6. Class 46.

Charleston Milling Company, Charleston, W. Va. Wheat flour. 402,239, July 13, 1943. Republished Apr. 6. Class 46.

Chelan Falls Orchards: *See*— Brown, Geo. D., & Son, Inc.

Chicago Pharmacal Company, The, Chicago, Ill. Preparation for the treatment of diseases and affections of the skin. 235,988, renewed Nov. 29, 1947. O. G. Apr. 6. Class 6.

Chichester Chemical Co., Philadelphia, Pa. Powdered deodorant. 437,987, Apr. 6; Serial No. 513,236, published Jan. 6, 1948. Class 6.

Chocolate Products Company, Chicago, Ill. Nonalcoholic, noncereal, maltless beverages. 255,645, Apr. 30, 1929. Republished Apr. 6. Class 45.

Christian Light Press, The: *See*— Brethren in Christ Publication Board, Inc.

Clarostat Mfg. Co. Inc., Brooklyn, N. Y. Attenuators, fixed resistors, slider resistors, etc. 437,922, Apr. 6; Serial No. 499,484, published Dec. 23, 1947. Class 21.

Cleevelandt Corporation, New York, N. Y. Cigarette cases. 437,898, Apr. 6; Serial No. 486,984, published Dec. 4, 1945. Class 8.

Cleveland Tobacco Company: *See*— Rose, Irvin A.

Collin County Mill & Elevator Co., McKinney, Tex., to Tex-O-Kan Flour Mills Co., Dallas, Tex. Wheat flour. 241,804–5, renewed May 8, 1948. O. G. Apr. 6. Class 46.

Colma Built Radio Company, Chicago, Ill. Electric radio, phonograph, and television receiving sets. 438,058, Apr. 6; Serial No. 521,176, published Jan. 13, 1948. Class 21.

Commander-Larabee Milling Company: *See*— Mapleton Milling Company.

Commodities Corporation of Ohio, Cleveland, Ohio. Waterproof pyrophoric lighters. 437,968, Apr. 6; Serial No. 510,484, published Dec. 30, 1947. Class 34.

Consolidated Tea Company, Inc., New York, N. Y. Tea. 402,262, July 13, 1943. Republished Apr. 6. Class 46.

Continental Coffee Company, Chicago, Ill. Coffee. 409,818, Oct. 24, 1944. Republished Apr. 6. Class 46.

Continental Coffee Company, Inc., Chicago, Ill. Coffee urns. 391,965, Dec. 2, 1941. Republished Apr. 6. Class 13.

Continental Coffee Company, Inc., Chicago, Ill. Tea. 400,054, Feb. 16, 1943. Republished Apr. 6. Class 46.

Continental Coffee Company, Inc., Chicago, Ill. Coffee, tea, mustard, etc. 400,719, Mar. 30, 1943. Republished Apr. 6. Class 46.

Copar Industries, Detroit, Mich. Toy spinning tops. 437,945, Apr. 6; Serial No. 506,158, published Dec. 2, 1947. Class 22.

Copy-Plus, Inc., Milwaukee, Wis. Hectograph transfer moistening fluid. 438,033, Apr. 6; Serial No. 518,660, published Jan. 13, 1948. Class 11.

Cork Import Corporation, Englewood, N. J. Asphaltic paints, and asphaltic priming and sealing paints. 417,619, Nov. 6, 1945. Republished Apr. 6. Class 16.

Corn Products Refining Company, New York, N. Y. Corn starch. 437,974, Apr. 6; Serial No. 511,068, published Jan. 13, 1948. Class 46.

Cortland Line Company, Inc., Cortland, N. Y. Fishing lines. 438,135, Apr. 6; Serial No. 499,992. Class 22.

Count Dorells, Ltd., New York, N. Y. Perfumes, toilet waters, cold creams, etc. 437,972, Apr. 6; Serial No. 510,938, published Jan. 13, 1948. Class 6.

Country Gardens, Inc., Milwaukee, Wis. Canned vegetables. 412,778, Mar. 27, 1945. Republished Apr. 6. Class 46.

Craddock-Terry Company, by Craddock-Terry Shoe Corporation, Lynchburg, Va. Shoes. 238,782, Feb. 14, 1928. Republished Apr. 6. Class 39.

Craddock-Terry Shoe Corporation: *See*— Craddock-Terry Company.

Cranberry Canners, Inc., South Hanson, by National Cranberry Association, Hanson, Mass. Cranberry vines. 378,121, May 28, 1940. Republished Apr. 6. Class 1.

Cranberry Canners, Inc., by National Cranberry Association, Hanson, Mass. Canned dehydrated cranberry flakes. 397,586, Sept. 8, 1942. Republished Apr. 6. Class 46.

Cream of Wheat Company, to The Cream of Wheat Corporation, Minneapolis, Minn. Wheat breakfast food. 242,011, renewed May 8, 1948. O. G. Apr. 6. Class 46.

Cream of Wheat Corporation, The: *See*— Cream of Wheat Company.

Creato Products Company, Chicago, Ill. Educational sets. 437,913, Apr. 6; Serial No. 497,374, published Dec. 2, 1947. Class 22.

Creme De Mist Laboratories: *See*— Bahr's, Inc.

Crest Company The, Chicago, Ill. Lamp shades. 241,996, renewed May 8, 1948. O. G. Apr. 6. Class 34.

Crest Specialty Company, by Crest Specialty, Not Inc., Chicago, Ill. Collar stays. 403,814, Oct. 19, 1943. Republished Apr. 6. Class 28.

Crest Specialty, Not Inc.: *See*— Crest Specialty Company.

Crown Willamette Paper Company: *See*— Crown Zellerbach Corporation.

Crown Zellerbach Corporation: *See*— Hoberg Paper & Fibre Company.

Crown Zellerbach Corporation, also doing business as Crown Willamette Paper Company, San Francisco, Calif. Wrapping paper for meat. 374,658, Jan. 23, 1940. Republished Apr. 6. Class 37.

Crown Zellerbach Corporation, also doing business as Western Waxed Paper Company, Division of Crown Zellerbach Corporation, San Francisco, Calif. Gummed sealing material. 377,289, Apr. 30, 1940. Republished Apr. 6. Class 37.

Crown Zellerbach Corporation, also doing business as Western Waxed Paper Company, San Francisco, Calif. Gummed sealing material. 377,331, Apr. 30, 1940. Republished Apr. 6. Class 37.

Crown Zellerbach Corporation, also doing business as Crown Willamette Paper Co., San Francisco, Calif. Wrapping paper. 391,182, Oct. 28, 1941. Republished Apr. 6. Class 37.

Crown Zellerbach Corporation, also doing business as Crown Willamette Paper Company, San Francisco, Calif. Tissue fruit wraps. 423,569, Sept. 3, 1946. Republished Apr. 6. Class 37.

D. & D. Foods Company, Wenatchee, Wash. Canned vegetables and canned fruits. 438,002, Apr. 6; Serial No. 515,611, published Dec. 23, 1947. Class 46.

Daigger Corporation, Chicago, Ill. Nonalcoholic, maltless chocolate beverage. 274,405, Aug. 26, 1930. Republished Apr. 6. Class 45.

Danzig, Albert M., New York, N. Y. Dolls. 437,947, Apr. 6; Serial No. 506,650, published Jan. 6, 1948. Class 22.

Daumit, Kay, Inc., assignor to Kathryn, Inc., Chicago, Ill. Lipstick. 437,960, Apr. 6; Serial No. 508,422, published July 15, 1947. Class 6.

Davies-Young Soap Company, Dayton, Ohio. Abrasive cleaning compound. 380,867, Sept. 3, 1940. Republished Apr. 6. Class 4.

Davies-Young Soap Company, Dayton, Ohio. Cleaning compound. 383,984, Dec. 31, 1940. Republished Apr. 6. Class 4.

Davies-Young Soap Company, The, Dayton, Ohio. Prepared liquid wax for polishing floors, woodwork, etc. 391,784, Nov. 25, 1941. Republished Apr. 6. Class 16.

Day-Brite Lighting, Inc., St. Louis, Mo. Louvers. 438,093, Apr. 6; Serial No. 524,059, published Dec. 23, 1947. Class 21.

Day's, Mrs., Ideal Baby Shoe Company, Inc., Danvers, Mass. Babies' and children's shoes. 500,034, Apr. 6; Serial No. 526,966, published Jan. 6, 1948. Class 39.

De Chant, George S., doing business as De Chant Manufacturing & Sales Company, Norristown, Pa. Light reflectors. 438,018, Apr. 6; Serial No. 516,964, published Dec. 30, 1947. Class 50.

De Chant Manufacturing & Sales Company: *See*— De Chant, George S.

Decora Corporation, The, Fort Edward, N. Y. Paper coated with polyvinylidine chloride. 438,095, Apr. 6; Serial No. 524,112, published Jan. 6, 1948. Class 37.

Deep Rig Trout Reel Co., Rochester, N. Y. Deep water fish trawls and accessories. 437,911, Apr. 6; Serial No. 496,896, published Jan. 6, 1948. Class 22.

Delaroche & Ses Fils, Clisson, France. Knitted, netted, and textile fabrics. 438,131, Apr. 6; Serial No. 494,956. Class 42.

Delaroche & Ses Fils, Clisson, France. Wool and hair yarns and yarns made of angora rabbit hair. 438,132, Apr. 6; Serial No. 494,957. Class 43.

Denebeim Distilling Company, Kansas City, Mo. Whiskey. 437,071, Apr. 6; Serial No. 521,861, published Jan. 13, 1948. Class 49.

DeWitt, E. C., & Company, to E. C. DeWitt & Co. Inc., Chicago, Ill. Remedies for the relief of kidney, bladder and liver troubles. 68,905, rerenewed May 5, 1948. O. G. Apr. 6. Class 6.

DeWitt, E. C., & Co. Inc.: *See*— DeWitt, E. C., & Company.

Diversey Machine Works, Inc., assignee: *See*— Galter, Jack.

Dodge Manufacturing Corporation, Mishawaka, Ind. Castings comprising parts for power transmission machinery. 419,588, Feb. 26, 1946. Republished Apr. 6. Class 14.

Dollar & Patton, Gloversville, N. Y. Antiseptic ointment preparation. 437,903, Apr. 6; Serial No. 493,053, published Jan. 13, 1948. Class 6.

Drum Company, Inc., The, Bristol, Pa. Pyrophoric cigarette lighters. 438,022, Apr. 6; Serial No. 517,409, published Dec. 30, 1947. Class 34.

Drummond, Paul A., doing business as Drummond Specialty Company, Wauwatosa, Wis. Whirling toy. 437,929, Apr. 6; Serial No. 501,242, published Dec. 2, 1947. Class 22.

Drummond Specialty Company: *See*— Drummond, Paul A.

Ducharne, F., Silk Co., Inc. Silk piece goods. 233,956, renewed Oct. 11, 1947. O. G. Apr. 6. Class 42.

Dudgeon, Richard: *See*— Dudgeon, William M.

Dudgeon, Richard, Inc.: *See*— Dudgeon, William M.

Dudgeon, Richard, Inc., New York, N. Y. Hydraulic jacks, presses, pumps, etc. 238,140, Jan. 31, 1928. Republished Apr. 6. Class 23.

Dudgeon, William M., Executor of Richard Dudgeon, by Richard Dudgeon, Inc., New York, N. Y. Hydraulic jacks. 65,063, Sept. 3, 1907. Republished Apr. 6. Class 23.

Dudgeon, William M., Executor of Richard Dudgeon, by Richard Dudgeon, Inc., New York, N. Y. Hydraulic jacks. 65,066, Sept. 3, 1907. Republished Apr. 6. Class 23.

Duradex Company, The, to Duradex Incorporated, New York, N. Y. Card indexes, guide cards. 241,209, renewed Apr. 17, 1948. O. G. Apr. 6. Class 37.

Duradex Incorporated: *See*— Duradex Company, The.

Durham Hosiery Mills, Durham, N. C. Hosiery. 376,795. Apr. 9, 1940. Republished Apr. 6. Class 39.

Durham Hosiery Mills, Durham, N. C. Hosiery. 377,018, Apr. 16, 1940. Republished Apr. 6. Class 39.

Durham Hosiery Mills, Durham, N. C. Hosiery. 423,321, Aug. 27, 1946. Republished Apr. 6. Class 39.

Duro Construction Corp., New York, N. Y. Repair and renovating chest. 438,036, Apr. 6; Serial No. 519,265, published Dec. 23, 1947. Class 50.

Dynamatic Corporation, Kenosha, Wis. Electric motors. 361,642, Oct. 25, 1938. Republished Apr. 6. Class 21.

Dynamatic Corporation, Kenosha, Wis. Electric motors. 365,866, Mar. 21, 1939. Republished Apr. 6. Class 21.

Dynamatic Corporation, Kenosha, Wis. Electrical governors for motors. 390,430, Sept. 23, 1941. Republished Apr. 6. Class 21.

Eby, Hugh H., Inc., Philadelphia, Pa. Miniature socket for electronic tubes. 437,999, Apr. 6; Serial No. 515,263, published Jan. 6, 1948. Class 21.

Eclipse Lawn Mower Co., The, Prophetstown, Ill. Lawn mowers. 242,435, renewed May 22, 1948. O. G. Apr. 6. Class 23.

Egyptian Lacquer Manufacturing Company, The, New York, N. Y. Lacquers, lacquer enamels, stains, etc. 237,410, renewed Jan. 10, 1948. O. G. Apr. 6. Class 16.

Elfinware, Inc., New York, N. Y. Miniature porcelain boxes, trays, and dishes. 437,998, Apr. 6; Serial No. 515,166, published Jan. 13, 1948. Class 30.

Elgin Softener Corporation, Elgin, Ill. Preparations for use in treatment of water and steam for the purpose of preventing corrosion. 423,751, Sept. 10, 1946. Republished Apr. 6. Class 6.

Ellena Brothers, Etiwanda, Calif. Brandy. 438,046, Apr. 6; Serial No. 519,867, published Dec. 23, 1947. Class 49.

Elmo, Inc., Philadelphia, Pa. Preparations for treating and coloring eyelashes and eyebrows. 238,237, Jan. 31, 1928. Republished Apr. 6. Class 6.

Elmore and Stahl, also doing business as Sunsilt Farms, Pharr, Tex. Fresh vegetables. 438,083, Apr. 6; Serial No. 523,011, published Jan. 13, 1948. Class 46.

Emmett Manufacturing Company, Emmett, Idaho. Toy and educational blocks. 437,981, Apr. 6; Serial No. 511,867, published Jan. 6, 1948. Class 22.

Erie Resistor Corporation, Erie, Pa. Electrical resistors and electrical condensers. 416,719, Sept. 25, 1945. Republished Apr. 6. Class 21.

Erwin Shoe Co., Inc., New York, N. Y., by The United States Shoe Corporation, Cincinnati, Ohio. Women's and children's shoes. 353,128, Dec. 28, 1937. Republished Apr. 6. Class 39.

Etablissements Rigaud, Inc., New York, N. Y. Perfumes and toilet waters. 438,004, Apr. 6; Serial No. 515,706, published Jan. 13, 1948. Class 6.

Fahrney, Dr. Peter, & Sons Co., Chicago, Ill. Preparation for acute, relaxed, and disturbed condition of the stomach and bowels. 377,475–6, May 7, 1940. Republished Apr. 6. Class 6.

Fairy Dew Company, Boston, Mass. Bubble solution and device for making bubbles. 437,975, Apr. 6; Serial No. 511,075, published Dec. 23, 1947. Class 22.

Fajans, Caroline R., New York, N. Y. Chinaware. 438,067, Apr. 6; Serial No. 521,573, published Dec. 16, 1947. Class 30.

Farber, John D., doing business as Briggs Bituminous Composition Co., Philadelphia, Pa. Crude coal tar. 437,959, Apr. 6; Serial No. 508,373, published Dec. 30, 1947. Class 1.

Favorite Stove Company, The, Piqua, Ohio. Heating equipment in which wood and/or coal is used for fuel. 399,857, Feb. 2, 1943. Republished Apr. 6. Class 34.

Fearless Dishwasher Company, Inc., Rochester, N. Y. Dishwashing machines. 236,676, Dec. 20, 1947. O. G. Apr. 6. Class 23.

Federal Electric Company, Inc., Chicago, Ill. Electric sockets; electric bushings; electric signs; etc. 412,286, Feb. 27, 1945. Republished Apr. 6. Class 21.

Federal Electric Company, Inc., Chicago, Ill. Plastic pipe and tubing. 418,882, Jan. 15, 1946. Republished Apr. 6. Class 13.

Federal Glass Company, The, Columbus, Ohio. Glass tumblers, glass tableware, etc. 437,890, Apr. 6; Serial No. 477,266, published Dec. 16, 1947. Class 33.

Feustel, Ernest A., Inc., East Rutherford, N. J. Yarn carriers and yarn carrier tubes and yarn carrier fingers. 391,257, Oct. 28, 1941. Republished Apr. 6. Class 23.

Fin 'n Feather Club: *See*— McGraw, Max.

Firth Sterling Steel & Carbide Corp.: *See*— Firth-Sterling Steel Company.

Firth-Sterling Steel Company, to Firth Sterling Steel & Carbide Corp., McKeesport, Pa. Steel bars, blocks, disks, etc. 238,319, renewed Feb. 7, 1948. O. G. Apr. 6. Class 14.

Firth-Sterling Steel Company, to Firth Sterling Steel & Carbide Corp., McKeesport, Pa. Steel bars, steel disks, forgings, etc. 238,338, renewed Feb. 7, 1948. O. G. Apr. 6. Class 14.

Fiske, Inc.: *See*—
Fiske, Jonathan P. B.

Fiske, Jonathan P. B., Auburndale, by Fiske Inc., Waltham, Mass. Flame coloring material. 377,563, May 7, 1940. Republished Apr. 6. Class 6.

Fleet Products Inc., New York, N. Y. Miniature automobiles. 438,056, Apr. 6; Serial No. 520,800, published Jan. 6, 1948. Class 22.

Flower Foods Inc., Maywood, Ill. Composition containing chemical ingredients for strengthening, feeding and promoting the development of cut plants. 401,927, June 15, 1943. Republished Apr. 6. Class 6.

Flying Tigers (American Volunteer Group-Chinese Air Force) Incorporated, The, New York, N. Y. Toy animals. 437,943, Apr. 6; Serial No. 506,024, published Jan. 6, 1948. Class 22.

Folly Cove Designers, Gloucester and Annisquam, Mass. Wallpaper and wrapping paper. 438,011, Apr. 6; Serial No. 516,407, published Jan. 6, 1948. Class 37.

Foote Mineral Company, Philadelphia, Pa. Granulated magnetic iron oxide for use in the production of magnetic cores, etc. 437,962, Apr. 6; Serial No. 508,471, published Dec. 23, 1947. Class 21.

Forsell, Carl F., doing business as The Putting Eye Company, Rockford, Ill. Golf clubs and direction indicating attachments. 437,916, Apr. 6; Serial No. 498,278, published Jan. 6, 1948. Class 22.

Fort Howard Paper Company, Green Bay, Wis. Toilet paper, paper towels, paper napkins, etc. 235,462, Nov. 22, 1927. Republished Apr. 6. Class 37.

Fotolampshade Mfg. Co., The: *See*—
Schwartz, Sigmund J.

Foulk Engineering Company, The, Cincinnati, Ohio. Jumping sticks. 437,906, Apr. 6; Serial No. 494,667, published Jan. 6, 1948. Class 22.

Franco-Italian Packing Co., Inc., Terminal Island, Calif. Canned fish. 237,918, Jan. 24, 1928. Republished Apr. 6. Class 46.

Fratelli Ramazzotti, Societa Anonima, Milan, Italy. Tonics and remedies. 236,435, renewed Dec. 13, 1947. O. G. Apr. 6. Class 6.

Fredart Stationery Company, New York, N. Y. Writing paper in boxes and otherwise cardboard wrapping paper printed and unprinted. 437,907, Apr. 6; Serial No. 495,876, published Jan. 13, 1948. Class 37.

Friedman, Jack, assignee: *See*—
Jeffrey Food Products Corporation.

Fruen Milling Company, Minneapolis, Minn. Rolled wheat breakfast foods. 411,660, Jan. 30, 1945. Republished Apr. 6. Class 46.

Fuelane Corporation, Liberty, N. Y. Gas ranges, gas space heaters, etc. 438,090, Apr. 6; Serial No. 523,774, published Dec. 30, 1947. Class 34.

Galter, Jack, assignor to Diversey Machine Works, Inc., Chicago, Ill. Ball point pens and fountain pens. 438,062, Apr. 6; Serial No. 521,321, published Dec. 9, 1947. Class 37.

Gates Rubber Company, The, Denver, Colo. Loom harness straps, lug straps, loop pickers, etc. 409,815, Oct. 24, 1944. Republished Apr. 6. Class 23.

Gebauer, Carl H., Chicago, Ill. Elastic surgical goods. 438,047, Apr. 6; Serial No. 520,026, published Jan. 13, 1948. Class 44.

Gelfand & Co. (Not Inc.): *See*—
Gelfand, Simon.

Gelfand, Simon, doing business as Gelfand & Co. (Not Inc.), Baltimore, Md., by Kraft Foods Company, Chicago, Ill. Mayonnaise. 230,250, Feb. 28, 1928. Republished Apr. 6. Class 46.

Gemloid Corporation, Elmhurst, N. Y. Signs and displays used for advertising purposes. 437,900, Apr. 6; Serial No. 490,648, published Dec. 30, 1947. Class 50.

General Aniline & Film Corporation: *See*—
Metz, H. A., & Co., Inc.

General Aniline & Film Corporation, New York, N. Y. Chemicals and preparations and compounds thereof used in photographic processes. 378,593, June 11, 1940. Republished Apr. 6. Class 6.

General Aniline & Film Corporation, New York, N. Y. Photographic goods. 378,951, June 25, 1940. Republished Apr. 6. Class 26.

General Aniline & Film Corporation, New York, N. Y. Light-sensitive photographic material. 385,672–3, Mar. 11, 1941. Republished Apr. 6. Class 26.

General Aniline & Film Corporation, New York, N. Y. Light-sensitive photographic material. 388,782, July 8, 1941. Republished Apr. 6. Class 26.

General Aniline & Film Corporation, New York, N. Y. Artificial resin polymers. 403,282, Sept. 14, 1943. Republished Apr. 6. Class 1.

General Aniline & Film Corporation, New York, N. Y. Sensitized photographic paper. 409,390, Oct. 3, 1944. Republished Apr. 6. Class 26.

General Box Company, Chicago, Ill. Wooden boxes for bottled goods and other commodities. 372,169, Oct. 24, 1939. Republished Apr. 6. Class 2.

General Box Company, Chicago, Ill. Corrugated boxes, wooden crates and boxes. 417,757, Nov. 13, 1945. Republished Apr. 6. Class 2.

General Shoe Corporation: *See*—
Victorius, A. Y., & Company.

General Tire & Rubber Company, The, Akron, Ohio. Automobile tires and tubes. 372,525, Oct. 31, 1939. Republished Apr. 6. Class 35.

General Tire & Rubber Company, The, Akron, Ohio. Pneumatic tires. 391,520, Nov. 11, 1941. Republished Apr. 6. Class 35.

General Tire & Rubber Company, The, Akron, Ohio. Pneumatic tires. 391,522, Nov. 11, 1941. Republished Apr. 6. Class 35.

George & Son Mfg., Co., Fresno, Calif. Artificial fishing lures. 438,068, Apr. 6; Serial No. 521,660, published Jan. 6, 1948. Class 22.

Germain Seed and Plant Co., Los Angeles, Calif. Grass and field seed. 438,023, Apr. 6; Serial No. 517,472, published Dec. 30, 1947. Class 1.

Ghose, Satish C., Chicago, Ill. Incense, face powder, talcum powder, etc. 319,259, Nov. 20, 1934. Republished Apr. 6. Class 6.

Ghose, Satish C., Chicago, Ill. Incense in cigarette form. 352,501, Nov. 30, 1937. Republished Apr. 6. Class 6.

Glaser, Grandell Co., Chicago, Ill. Food condiment consisting of vinegar, molasses, soy, etc. 438,074, Apr. 6; Serial No. 521,993, published Dec. 23, 1947. Class 46.

Glasvaerk, Akts, Holmegaards, Copenhagen, Denmark. Tumblers, wine glasses, water glasses, etc. 437,994, Apr. 6; Serial No. 514,585, published Jan. 6, 1948. Class 33.

Glaziers' Tool Mfg. Corp., Chicago, Ill. Resilient buttons made of felt, rubber, etc. 438,096, Apr. 6; Serial No. 524,129, published Jan. 6, 1948. Class 50.

Globe Bottling Co.: *See*—
Kanner, Abe.

Globe-Union Inc., Milwaukee, Wis. Storage batteries and separator plates for storage batteries. 351,355, Oct. 26, 1937. Republished Apr. 6. Class 21.

Globe-Wernicke Co., The (1934): *See*—
Globe-Wernicke Company, The.

Globe-Wernicke Company, The, Cincinnati, Ohio, by The Globe-Wernicke Co. (1934), Norwood, Ohio. Documentfiles. 63,706, July 2, 1907. Republished Apr. 6. Class 37.

Glyco Products Co. Inc., Brooklyn, N. Y. Composition used as a coolant and lubricant in the drawing, stamping, and manipulation of metals. 437,969, Apr. 6; Serial No. 510,678, published Dec. 9, 1947. Class 6.

Goeller, Lawrence E., doing business as Kippy-Kit Company, Circleville, Ohio. Clothes brushes and whisks and leather cases. 237,292, Jan. 3. 1928. Republished Apr. 6. Class 29.

Golden Lotus Press, The, Philadelphia, Pa. Monthly periodical. 438,028, Apr. 6; Serial No. 518,292, published Jan. 13, 1948. Class 38.

Goodall-Sanford, Inc., Sanford, Maine. Vinyl resin coated piece goods of mohair, woolen, silk, etc. 438,015, Apr. 6; Serial No. 516,767, published Dec. 30, 1947. Class 42.

Goodman & Greenhut, New York, N. Y. Fabric sold by the piece, yard, or bolt. 438,016, Apr. 6; Serial No. 516,769, published Dec. 23, 1947. Class 42.

Goodyear Tire & Rubber Company, The, Akron, Ohio. Synthetic polyvinyl chloride resins. 438,045, Apr. 6; Serial No. 519,817, published Jan. 6, 1948. Class 1.

Graff, George B., Company, Cambridge, Mass. File signals. 379,412, July 9, 1940. Republished Apr. 6. Class 37.

Gray Company, Inc., Minneapolis, Minn. Preparation comprising an absorbent powdered material. 411,068, Jan. 2, 1945. Republished Apr. 6. Class 4.

Gray Company, Inc., Minneapolis, Minn. Automatic mechanical water-unloading valves. 423,547, Sept. 3, 1946. Republished Apr. 6. Class 23.

Gray Marine Motor Company, Detroit, Mich. Thermo-responsive control apparatus. 438,009, Apr. 6; Serial No. 516,273, published Jan. 6, 1948. Class 26.

Gretske, Harry, assignor to Belle Meade Distilling Corporation, Belle Meade, Va. Blended whiskey. 438,140, Apr. 6; Serial No. 506,103. Class 49.

Gullett Gin Co., Amite, La. Cotton-ginning machinery. 238,026, Jan. 24, 1928. Republished Apr. 6. Class 23.

Guth, Edwin F., Company, The, St. Louis, Mo. Electric lighting equipment and more particularly light fixtures. 392,634, Jan. 6, 1942. Republished Apr. 6, 1948. Class 21.

Haffenreffer & Co. Inc., Boston, Mass. Ale. 438,091–2, Apr. 6; Serial Nos. 523,964–5, published Jan. 13, 1948. Class 48.

Hall Brothers, Inc., Kansas City, Mo. Greeting cards. 438,072, Apr. 6; Serial No. 521,880, published Dec. 16, 1947. Class 38.

Hansen Glove Corporation, Milwaukee, Wis. Leather gloves. 375,504, Feb. 20, 1940. Republished Apr. 6. Class 39.

Hansen Glove Corporation, Milwaukee, Wis. Leather gloves. 384,884, Feb. 4, 1941. Republished Apr. 6. Class 39.

Hansen Glove Corporation, Milwaukee, Wis. Leather gloves. 423,739, Sept. 10, 1946. Republished Apr. 6. Class 39.

Hardwood Toy Manufacturing Corporation, New York, N. Y. Wood pull toys, wood action toys, etc. 437,904, Apr. 6; Serial No. 493,119, published Jan. 6, 1948. Class 22.

Harnischfeger Corporation, Milwaukee, Wis. Electrical motors, electrical brakes, electrical switches, etc. 409,963, Oct. 31, 1944. Republished Apr. 6. Class 21.

Harris, Arthur, New York, N. Y. Canned vegetables, corn meal, rolled oats, etc. 500,046, Apr. 6; Serial No. 512,627. Class 46.

Hartmann Company: *See*—
Hartmann Trunk Company.

Hartmann Trunk Company, by Hartmann Company, Racine, Wis. Hand luggage cases. 391,120, Oct. 21, 1941. Republished Apr. 6. Class 3.

Hartmann Trunk Company, by Hartmann Company, Racine, Wis. Suit-cases and wardrobe hand luggage. 374,807, Jan. 23, 1940. Republished Apr. 6. Class 3.

Harvey-Whipple, Incorporated, Springfield, Mass. Boilers fired by gun type oil burners. 437,899, Apr. 6; Serial No. 488,089, published Dec. 30, 1947. Class 34.

Hearst Magazines Inc.: *See*—
International Publications, Inc.

Heinn Company, The, Milwaukee, Wis. Loose-leaf-book binders. 235,032–3, Nov. 8, 1927. Republished Apr. 6. Class 37.

Henderson, Peter, & Co., New York, N. Y. Agricultural and horticultural seeds. 66,183, Nov. 12, 1907. Republished Apr. 6. Class 1.

Henderson, Peter, & Co., New York, N. Y. Lawn mowers. 66,207, Nov. 12, 1907. Republished Apr. 6. Class 23.

Herrmann, A. M., Inc., New York, N. Y. Brewing syrup. 438,041, Apr. 6; Serial No. 519,443, published Dec. 23, 1947. Class 48.

Heurich, Chr., Brewing Co., Washington, D. C. Beer. 30,153, re-renewed June 8, 1947. O. G. Apr. 6. Class 48.

Heurich, Chr., Brewing Co., Washington, D. C. Malt beverages. 412,856, Mar. 27, 1945. Republished Apr. 6. Class 48.

Hewitt Soap Company, Inc., The, Dayton, Ohio. Toilet soaps. 392,523, Dec. 30, 1941. Republished Apr. 6. Class 4.

Hewitt Soap Company, Inc., The, Dayton, Ohio. Soap. 411,662, Jan. 30, 1945. Republished Apr. 6. Class 4.

Hexacon Electric Company, Roselle Park, N. J. Electric soldering irons. 438,063, Apr. 6; Serial No. 521,332, published Jan. 6, 1948. Class 21.

Hill-Shaw Company, by Hill-Shaw Company, Chicago, Ill. Aluminum and stainless steel upper bowls, and molded plastic handles. 417,471, Oct. 30, 1945. Republished Apr. 6. Class 13.

Hilltop Farm Feed Co., Minneapolis, Minn. Poultry feeders, portable founts for stock and poultry, etc. 437,934, Apr. 6; Serial No. 503,204, published June 17, 1947. Class 50.

Hindu Incense Manufacturing Co., Chicago, Ill. Incense. 500,036, Apr. 6; Serial No. 527,345, published Jan. 13, 1948. Class 6.

Hoberg Paper & Fibre Company, Green Bay, Wis., by Crown Zellerbach Corporation, San Francisco, Calif. Toilet paper. 234,041, Oct. 18, 1927. Republished Apr. 6. Class 37.

Hockaday, Inc.: *See*—
Morgan Company, The.

Hoffman, E. A., Candy Co. Inc., Los Angeles, Calif. Candy. 438,104, Apr. 6; Serial No. 525,325, published Dec. 9, 1947. Class 46.

Hogi-Boka Creations: *See*—
Barrett, Alfred.

Holes-Webway Co., The, St. Cloud, Minn. Paper products. 437,930, Apr. 6; Serial No. 501,252, published Jan. 13, 1948. Class 37.

Home Mill and Grain Company, Inc.: *See*—
Sunlight Milling Company.

Honeywell Heating Specialties Company, The, Wabash, Ind., by Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature and draft regulating and controlling instruments. 188,577, Sept. 2, 1924. Republished Apr. 6. Class 26.

Horst, E. Clemens, Co., San Francisco, Calif. Hops and lupulin. 438,105, Apr. 6; Serial No. 525,328, published Dec. 23, 1947. Class 1.

Horton Manufacturing Company, The: *See*—
Martin's, E. J., Sons.

Horton Manufacturing Company, The, Bristol, Conn. Fishing-lines. 135,263, Sept. 28, 1920. Republished Apr. 6. Class 22.

Horton Manufacturing Company, Bristol, Conn. Fishing-lines, steel shafts for golf clubs, fishing reels, and golf clubs. 303,259, May 16, 1933. Republished Apr. 6. Class 22.

Hospital Liquids, Inc., Chicago, Ill. Parenteral administration devices. 404,630, Dec. 7, 1943. Republished Apr. 6. Class 44.

Howe & French, Inc., Boston, Mass. Cementitious material. 370,950, Sept. 12, 1948. Republished Apr. 6. Class 12.

Humphreys, Pauline H., doing business as Sharp's Point Studio, Salisbury, Md. Electric lamp shades. 438,064, Apr. 6; Serial No. 521,450, published Jan. 6, 1948. Class 21.

Hungarian Rubber Goods Factory Limited, The, Budapest, Hungary. Tennis balls. 438,042, Apr. 6; Serial No. 519,582, published Jan. 6, 1948. Class 22.

Hunt-Spiller Manufacturing Corporation, Boston, Mass. Brake drums and brake discs for automotive vehicles and other apparatus. 239,162, Feb. 21, 1928. Republished Apr. 6. Class 19.

Hyde Bird Feeder Co.: *See*—
Hyde, Joyce P.

Hyde, Joyce P., doing business as Hyde Bird Feeder Co., Somerville, Mass. Bird feeders, containing bird feed. 437,888, Apr. 6; Serial No. 467,943, published Dec. 30, 1947. Class 50.

Hydropack: *See*—
Pool, Clarence.

I. G. Farbenindustrie Aktiengesellschaft, assignee: *See*—
Metz, H. A., & Co., Inc.

Imperial Molded Products Corporation, Chicago, Ill. Molded and cast, natural and synthetic resin and plastic bases, etc. 437,912, Apr. 6; Serial No. 497,102, published Jan. 6, 1948. Class 34.

Independent Baking Company, to Independent Biscuits, Inc., Davenport, Iowa. Crackers, cookies, biscuits, etc. 241,363, renewed Apr. 24, 1948. O. G. Apr. 6. Class 46.

Independent Biscuits, Inc.: *See*—
Independent Baking Company.

International Cellucotton Products Company, Chicago, Ill. Deodorant for men. 375,522, Feb. 20, 1940. Republished Apr. 6. Class 6.

International Cellucotton Products Company, Chicago, Ill. Toilet tissue. 384,582, Jan. 21, 1941. Republished Apr. 6. Class 37.

International Cellucotton Products Co., Chicago, Ill. Paper articles. 408,618, Aug. 22, 1944. Republished Apr. 6. Class 37.

International Cellucotton Products Company, Chicago, Ill. Tampons. 413,123, Apr. 10, 1945. Republished Apr. 6. Class 44.

International Doll Company, Inc., Philadelphia, Pa. Dolls. 437,946, Apr. 6; Serial No. 506,601, published Dec. 2, 1947. Class 22.

International Harvester Company, Chicago, Ill. Ferrous metal castings and forgings. 369,959, Aug. 8, 1939. Republished Apr. 6. Class 14.

International Harvester Company, Chicago, Ill. Tractors. 374,801, Jan. 23, 1940. Republished Apr. 6. Class 23.

International Publications, Inc., to Hearst Magazines Inc., New York, N. Y. Monthly publication. 235,721, renewed Nov. 22, 1947. O. G. Apr. 6. Class 38.

Interstate Shade Cloth Company, Hoboken, N. J. Holland shade-cloth. 500,039, Apr. 6; Serial No. 528,724. Class 42.

Jacoby, Morris, New York, N. Y. Optical frames, lenses, and ophthalmic mountings. 437,940, Apr. 6; Serial No. 505,304, published Jan. 6, 1948. Class 26.

Jalof, William R., doing business as Plastic Products Co., Los Angeles, Calif. Pencil sharpeners. 438,034, Apr. 6; Serial No. 518,682, published Dec. 30, 1947. Class 37.

Jambor Tool & Stamping Co., Milwaukee, Wis. Automobile accessories. 234,113, renewed Oct. 18, 1947. O. G. Apr. 6. Class 21.

Jankovitz, Elizabeth, doing business as Lady Elizabeth Products, Woodside, Long Island, N. Y. Salad dressings. 438,098, Apr. 6; Serial No. 524,468, published Dec. 23, 1947. Class 46.

Janshaw Fabrics Inc., New York, N. Y. Woven textile fabric of rayon and cotton. 437,979, Apr. 6; Serial No. 511,684, published Jan. 13, 1948. Class 42.

Jeffrey Food Products Corp., Philadelphia, Pa., assignor, by mesne assignments, to J. Friedman. Corn chips. 438,005, Apr. 6; Serial No. 515,715, published Dec. 23, 1947. Class 46.

Jorus Company, The, Evanston and Chicago, Ill. Fly rod cases and plastic cases. 437,917, Apr. 6; Serial No. 498,423, published Dec. 9, 1947. Class 22.

Joy Manufacturing Company, Pittsburgh, Pa. Coal mining and ventilating fans. 437,928, Apr. 6; Serial No. 500,543, published Dec. 23, 1947. Class 34.

Juanita Manufacturing Co., Inc., New York, N. Y. Ladies' and girls' swim suits, hats, and neckties, etc. 437,950, Apr. 6; Serial No. 507,006, published Dec. 30, 1947. Class 39.

Juilliard, A. D., & Co., Inc.: *See*—
Atlantic Mills, The.

Jungle Juice Products Company: *See*—
Bateman, William M.

Junior Food Products Co. Inc., Tyrone, Pa. Flavored gelatin dessert preparation. 438,070, Apr. 6; Serial No. 521,845, published Jan. 13, 1948. Class 46.

Justice Produce Company: *See*—
Law, W. D.

Kanner, Abe, doing business as Globe Bottling Co., to A. Kanner, Los Angeles, Calif. Carbonated, nonalcoholic, noncereal, maltless beverages. 233,617, renewed Oct. 4, 1947. O. G. Apr. 6. Class 45.

Kathryn, Inc., assignee: *See*—
Daumit, Kay, Inc.

Keasbey & Mattison Company, Ambler, Pa. Asbestos packings. 365,950, Mar. 21, 1939. Republished Apr. 6. Class 35.

Keasbey & Mattison Company, Ambler, Pa. Asbestos cements, asbestos papers, asbestos mill board, etc. 374,726, Jan. 23, 1940. Republished Apr. 6. Class 12.

Keasbey & Mattison Company, Ambler, Pa. Packings and gaskets. 376,173, Mar. 12, 1940. Republished Apr. 6. Class 35.

Keasbey & Mattison Company, Ambler, Pa. Fire resistant building boards, insulating and sound deadening boards, composition boards, etc. 378,028, May 21, 1940. Republished Apr. 6. Class 12.

Kensbey & Mattison Company, Ambler, Pa. Asbestos boards, asbestos sheets, asbestos lumber, etc. 402,277, July 13, 1943. Republished Apr. 6. Class 12.

Kee Lox Manufacturing Company, Rochester, N. Y. Carbon papers and typewriter ribbons. 387,505–6, May 20, 1941. Republished Apr. 6. Class 11.

Ken-Joy Mfg., Inc., Milwaukee, Wis. Conversion gas burners for use in household heating apparatus. 438,010, Apr. 6; Serial No. 516,294, published Dec. 30, 1947. Class 34.

Kennmarti Olive Oil Company, Oroville, Calif. Olive oil. 438,126, Apr. 6; Serial No. 526,248, published Dec. 30, 1947. Class 46.

Kenheweg Company, The, Cumberland, Md., to The Borden Company, New York, N. Y. Condensed milk. 68,998, re-renewed May 12, 1948. O. G. Apr. 6. Class 46.

Kesel, W. P.: *See*—
Kesel, William P.

Kesel, William P., doing business as W. P. Kesel, New York, N. Y. Powdered dehydrated banana flour combined with natural B complex vitamins and dextrose. 437,995, Apr. 6; Serial No. 514,610, published Jan. 13, 1948. Class 46.

Keystone Steel & Wire Company, South Bartonville, Peoria, Ill. Nails. 233,175, Sept. 27, 1927. Republished Apr. 6. Class 13.

Keystone Steel & Wire Company, South Bartonville, Peoria, Ill. Bale ties. 234,403, Oct. 25, 1927. Republished Apr. 6. Class 13.

Keystone Steel & Wire Company, South Bartonville, Peoria, Ill. Wire fence. 238,257, Jan. 31, 1928. Republished Apr. 6. Class 13.

Kimberly-Clark Corporation, Neenah, Wis. Book paper. 387,357, May 31, 1941. Republished Apr. 6. Class 37.

Kingan & Co. Incorporated: *See*—
Kingan and Company, Limited.

Kingan and Company, Limited, by Kingan & Co. Incorporated, Indianapolis, Ind. Cured meats, and sausage. 67,726, Feb. 18, 1908. Republished Apr. 6. Class 46.

Kippy-Kit Company: *See*—
Goeller, Lawrence E.

Kloster Steel Corporation, Chicago, Ill. Die and tool steel. 395,921, June 16, 1942. Republished Apr. 6. Class 14.

Klump, Elmer W., now by judicial change of name Elmer Williams, doing business as Bay View Kennels, Milwaukee, Wis. Remedy for skin irritations for animals. 500,044, Apr. 6; Serial No. 506,324. Class 6.

Kraft Foods Company: *See*—
Gelfand, Simon.

Kress & Owen Company, New York, N. Y. Fluid antiseptics and deodorants. 241,934, renewed May 8, 1948. O. G. Apr. 6. Class 6.

Krueger Sentry Gauge Co.: *See*—
Krueger, Winfred S.

Krueger, Winfred S., doing business as Krueger Sentry Gauge Co., Green Bay, Wis. Liquid level gauges. 437,989, Apr. 6; Serial No. 513,800, published Jan. 6. Class 26.

Kuna, József, Oxford, England. Blocks and pieces to be assembled to simulate various objects, etc. 437,914, Apr. 6; Serial No. 497,483, published Jan. 6, 1948. Class 22.

Lady Elizabeth Products: *See*—
Jankovitz, Elizabeth.

Lakeside Packing Company, Manitowoc, Wis. Olives, preserved pickles, and canned vegetables. 235,734, renewed Nov. 22, 1947. O. G. Apr. 6. Class 46.

Langley Corporation, San Diego, Calif. Fishing reels. 500,029, Apr. 6; Serial No. 526,882, published Dec. 23, 1947. Class 22.

Laucks, I. F., Inc., Seattle, Wash., by Monsanto Chemical Company, St. Louis, Mo. Under or priming coat for wood, cement, plaster or brick, and for a filler, sealer, and grain raising inhibition for lumber and plywood. 340,406, Aug. 24, 1937. Republished Apr. 6. Class 16.

Laucks, I. F., Inc., Seattle, Wash., by Monsanto Chemical Company, St. Louis, Mo. Ready mixed dry, paste, and powdered paints. 350,790, Oct. 5, 1937. Republished Apr. 6. Class 16.

Laucks, I. F., Inc., Seattle, Wash., by Monsanto Chemical Company, St. Louis, Mo. Glues. 408,349, Aug. 8, 1944. Republished Apr. 6. Class 5.

Lavril, Maurice, Saint-Aquilin-de-Pacy S/Eure, Eure, France. Toilet creams. 438,037, Apr. 6; Serial No. 519,276, published Jan. 13, 1948. Class 6.

Law, W. D., doing business as Justice Produce Company, McAllen, Tex. Fresh vegetables. 438,081, Apr. 6; Serial No. 522,662, published Dec. 30, 1947. Class 46.

Lee-Charlson Co., East Hartford, Conn. Sachets. 438,137, Apr. 6; Serial No. 500,988. Class 40.

Leef Bros., Inc., Minneapolis, Minn. Garment pocket irons. 383,992, Dec. 31, 1940. Republished Apr. 6. Class 24.

Léonidas Watch Factory Ltd.: *See*—
Leonidas Watch Factory Vve. Constant Jeanneret-Droz.

Leonidas Watch Factory Vve. Constant Jeanneret-Droz, to Léonidas Watch Factory Ltd., St. Imier, Switzerland. Watches and parts of watches. 226,196, renewed Apr. 5, 1947. O. G. Apr. 6. Class 27.

Levitt, David D., Buffalo, N. Y. Coin actuated amusement games. 438,026, Apr. 6; Serial No. 518,015, published Jan. 6, 1948. Class 22.

Levy, Moe, & Son, Inc., by Stuart Clothes, Inc., New York, N. Y. Men's suits, overcoats, topcoats, etc. 385,002, Feb. 11, 1941. Republished Apr. 6. Class 39.

Levy, Moe, & Son, Inc., by Stuart Clothes, Inc., New York, N. Y. Men's suits, overcoats, topcoats, etc. 387,344, May 13, 1941. Republished Apr. 6. Class 39.

Liberty & Co., Limited, London, England. Lawn, being cotton piece goods. 233,637, Oct. 4, 1927. Republished Apr. 6. Class 42.

Lincoln Engineering Company, St. Louis, Mo. Stationary lubricating apparatus, etc. 286,785, Sept. 1, 1931. Republished Apr. 6. Class 23.

Linde Air Products Company, The, New York, N. Y. Electric welding torches and parts thereof. 437,895, Apr. 6; Serial No. 485,226, published Jan. 13, 1948. Class 21.

London & Company, Inc., Elizabeth, N. J. Whiskey, gin, brandy, and rum. 438,128, Apr. 6; Serial No. 476,520. Class 49.

London, Midland & Scottish Imports, Ltd., New York, N. Y. Men's, women's, and children's suits, raincoats, top coats, etc. 350,733, Oct. 5. 1937. Republished Apr. 6. Class 39.

Lorillard, P., Company, New York, N. Y. Plug cut chewing tobacco. 438,106, Apr. 6; Serial No. 525,344, published Jan. 13, 1948. Class 17.

Lowe, Joe, Corporation, New York, N. Y. Frozen confections and powdered concentrates for making the same. 437,958, Apr. 6; Serial No. 508,163, published Jan. 13, 1948. Class 46.

Lube-X Systems, Inc., Chicago, Ill. Lubricating guides and charts. 500,041, Apr. 6; Serial No. 530,749, published Jan. 13, 1948. Class 38.

Ludlow Welding Co. Inc., The, New York, N. Y. Oil fired boilers. 437,942, Apr. 6; Serial No. 505,967, published Dec. 30, 1947. Class 34.

Ludlow Welding Co. Inc., The, Yonkers, N. Y. Oil fired boilers. 437,963, Apr. 6; Serial No. 508,662, published Dec. 30, 1947. Class 34.

Luv-Lee Frocks, Inc., New York, N. Y. Women's and misses' cotton wash dresses. 438,044, Apr. 6; Serial No. 519,757, published Dec. 30, 1947. Class 39.

Macalaster Bicknell Company, Cambridge, Mass. Nonmetallic container closures, etc. 437,892, Apr. 6; Serial No. 480,600, published Jan. 6, 1948. Class 50.

Macartney, R. J., Company, Lawrence, Mass. Men's and boys' suits, negligee shirts, and leather gloves. 237,849, renewed Jan. 17, 1948. O. G. Apr. 6. Class 39.

MacDonald & Muir Limited, Leith, Scotland. Scotch whiskey. 437,924, Apr. 6; Serial No. 499,724, published Dec. 23, 1947. Class 49.

Magirl Foundry & Furnace Co.: *See*—
Magirl, P. H., Foundry & Furnace Works.

Magirl, P. H., Foundry & Furnace Works, to Magirl Foundry & Furnace Co., Bloomington, Ill. Warm-air heating, force circulating and ventilating systems. 240,642, renewed Apr. 3, 1948. O. G. Apr. 6. Class 34.

Mahone, Albert W.: *See*—
Natural Vision Equipment Corporation.

Majestic Doll & Toy Corp., New York, N. Y. Dolls and dolls' dresses. 438,052, Apr. 6; Serial No. 520,407, published Jan. 6, 1948. Class 22.

Mallinckrodt Chemical Works, St. Louis, Mo. Mixture containing potassium iodide. 344,036, Mar. 9, 1937. Republished Apr. 6. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Moth killers and roach killers. 361,161, Oct. 11, 1938. Republished Apr. 6. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Stabilized assimilable iodide-containing substances. 391,642, Nov. 18, 1941. Republished Apr. 6. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Substituted oxazolediones and salts thereof useful as hypnotics and anesthetics. 393,106, Jan. 27, 1942. Republished Apr. 6. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Collodion. 500,027, Apr. 6; Serial No. 526,865, published Jan. 13, 1948. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Chemical known as monomethyl para-amidophenol sulphate. 500,028, Apr. 6; Serial No. 526,867, published Jan. 13, 1948. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Mixture containing potassium iodide. 500,031, Apr. 6; Serial No. 526,932, published Jan. 13, 1948. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Iodine-adding supplement. 500,032, Apr. 6; Serial No. 526,933, published Jan. 13, 1948. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Sodium hyposulphite in crystal form. 500,033, Apr. 6; Serial No. 526,937, published Jan. 13, 1948. Class 6.

Manchester Knitted Fashions, Inc., Manchester, N. H. Juvenile sweaters, T-shirts, overall sets, creepers, two-piece suits. 411,127, Jan. 2, 1945. Republished Apr. 6. Class 39.

Manco Mfg. Co.: *See*—
Carolus Manufacturing Company.

Manischewitz, B., Company, The, Jersey City, N. J., and Cincinnati, Ohio. Matzos. 437,902, Apr. 6; Serial No. 491,566, published Jan. 13, 1948. Class 46.

Mapleton Milling Company, Mapleton, to Commander Larabee Milling Company, Minneapolis, Minn. Wheat flour. 64,942, renewed Aug. 27, 1947. O. G. Apr. 6. Class 46.

Marion Power Shovel Company, The: *See*—
Marion Steam Shovel Company, The.

Marion Steam Shovel Company, The, by The Marion Power Shovel Company, Marion, Ohio. Monthly magazine. 234,195, Oct. 18, 1927. Republished Apr. 6. Class 38.

Mar-O-Bar Company: *See*—
Mars Incorporated.

Mars, Incorporated: *See*—
Mars Incorporated.

Mars Incorporated, doing business as Mar-O-Bar Company, Minneapolis, Minn., to Mars, Incorporated, Chicago, Ill. Candy. 239,311, renewed Feb. 28, 1948. O. G. Apr. 6. Class 46.

Marshall Field & Company, Chicago, Ill. Shoes. 369,957, Aug. 8, 1939. Republished Apr. 6. Class 39.

Marshall Field & Company, Chicago, Ill. Women's sport dresses. 391,872, Nov. 25, 1941. Republished Apr. 6. Class 39.

Marshall Field & Company, Chicago, Ill. Lace curtains. 392,843, Jan. 13, 1942. Republished Apr. 6. Class 42.

Marshall Field & Company, Chicago, Ill. Lace curtains. 393,112, Jan. 27, 1942. Republished Apr. 6. Class 42.

Marshall Field & Company, Chicago, Ill. Men's outer shirts and sleeping pajamas. 394,302, Mar. 31, 1942. Republished Apr. 6. Class 39.

Marshall Field & Company, Chicago, Ill. Men's felt hats; men's lounging robes. 394,569, Apr. 14, 1942. Republished Apr. 6. Class 39.

Marshall Field & Company, Chicago, Ill. Men's shorts and pajamas. 394,673, Apr. 21, 1942. Republished Apr. 6. Class 39.

Marshall Field & Company, Chicago, Ill. Lace curtains. 399,667, Jan. 26, 1943. Republished Apr. 6. Class 42.

Martin, E. J., Sons, Rockville, by The Horton Manufacturing Company, Bristol, Conn. Fishing-lines. 70,994. Oct. 20, 1908. Republished Apr. 6. Class 22.

Mastro Plastics Corp., New York, N. Y. Plastic clothespins. 500,043, Apr. 6; Serial No. 506,118. Class 24.

Mathieson Alkali Works, The, New York, N. Y. Thermoplastic resin in liquid and granular form, etc. 437,937, Apr. 6; Serial No. 504,777, published Dec. 23, 1947. Class 1.

Matulich, T. J., doing business as T. J. Matulich Co., Watsonville, Calif. Fresh vegetables. 437,955, Apr. 6; Serial No. 507,738, published Jan. 13, 1948. Class 46.

Matulich, T. J., Co.: *See*—
Matulich, T. J.

May, Mike D., Durham, N. C. Game of skill in which a golf ball is driven into scoring receptacles with a golf club. 437,993, Apr. 6; Serial No. 514,550, published Jan. 6, 1948. Class 22.

Maywood Packing Company: *See*—
Maywood Packing Co.

Maywood Packing Co., to Maywood Packing Company, Corning, Calif. Canned, dried and fresh fruits, and olive oil. 66,177, re-renewed Nov. 12, 1947. O. G. Apr. 6. Class 46.

McBride, D. F., doing business as McBride Produce Company, Weslaco, Tex. Fresh vegetables. 437,078, Apr. 6; Serial No. 522,253, published Dec. 30, 1947. Class 46.

McBride Produce Company: *See*—
McBride, D. F.

McCahan Sugar Refining & Molasses Co., The, Philadelphia, Pa., by The American Sugar Refining Company, New York, N. Y. Cane sugar. 338,177, Sept. 1, 1936. Republished Apr. 6. Class 46.

McCormick's Limited: *See*—
Canada Biscuit Company, Limited.

McGraw, Max., doing business as Fin'n Feather Club, Dundee, Ill. Food products. 437,932, Apr. 6; Serial No. 501,751, published Jan. 6. Class 46.

Metcalf Brothers & Co., New York, N. Y. Woven woolen and worsted fabrics in the piece. 500,038, Apr. 6; Serial No. 528,632, published Jan. 13, 1948. Class 42.

Metz, H. A., & Co., Inc., assignor to I. G. Farbenindustrie Aktiengesellschaft, to General Aniline & Film Corporation, New York, N. Y. Photographic colors. 236,614, renewed Dec. 20, 1947. O. G. Apr. 6. Class 6.

Miami Valley Cooperative Milk Producers Association, The, Dayton, Ohio. Butter. 231,400, Aug. 16, 1927. Republished Apr. 6. Class 46.

Miles Kedex Company: *See*—
Miles, Ruth D.

Miles, Ruth D., doing business as Miles Kedex Company, Lancaster, Mass., to Ruth D. Miles, doing business as Miles Kedex Company, Leominster, Mass. Wallets for keys and key holders. 238,043, renewed Jan. 24, 1948. O. G. Apr. 6. Class 3.

Miller Company, The, Meriden, Conn. Metal globes and reflectors and combination glass and metal globes and reflectors. 437,921, Apr. 6; Serial No. 499,425, published Dec. 23, 1947. Class 34.

Miller, E. S. Laboratories, Inc., Los Angeles, Calif. Medical preparation. 412,639, Mar. 20, 1945. Republished Apr. 6. Class 6.

Minneapolis Brewing Company, Minneapolis, Minn. Beer. 379,035, June 25, 1940. Republished Apr. 6. Class 48.

Minneapolis Brewing Company, Minneapolis, Minn. Beer. 379,037, June 25, 1940. Republished Apr. 6. Class 48.

Minneapolis Brewing Company, Minneapolis, Minn. Ale. 386,852, Apr. 22, 1941. Republished Apr. 6. Class 48.

Minneapolis Brewing Company, Minneapolis, Minn. Beer. 402,361, July 13, 1943. Republished Apr. 6. Class 48.

Minneapolis-Honeywell Regulator Company: *See*—
Honeywell Heating Specialties Company, The.

Molded Insulation Company, Philadelphia, Pa. Apparatus for electrically recording sound upon wire, etc. 437,964–5, Apr. 6; Serial Nos. 509,784–5, published Dec. 23, 1947. Class 21.

Monsanto Chemical Company: *See*—
Laucks, I. F., Inc.

Monsanto Chemical Company, St. Louis, Mo. Aromatic substances. 370,550, Aug. 29, 1939. Republished Apr. 6. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Compounds used as vulcanization accelerators in the curing of rubber articles. 398,059, Oct. 6, 1942. Republished Apr. 6. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Dibenzothiazyl disulfide used as a vulcanization accelerator in the curing of rubber articles. 400,173, Feb. 16, 1943. Republished Apr. 6. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Synthetic resin compositions. 410,101, Nov. 7, 1944. Republished Apr. 6. Class 1.

Monsanto Chemical Company, St. Louis, Mo. Silica sols. 411,133, Jan. 2, 1945. Republished Apr. 6. Class 1.

Monsanto Chemical Company, St. Louis, Mo. Synthetic resins. 411,445, Jan. 16, 1945. Republished Apr. 6. Class 1.

Monsanto Chemical Company, St. Louis, Mo. Synthetic resins in solid form. 438,065, Apr. 6; Serial No. 521,457, published Dec. 30, 1947. Class 1.

Morgan Company, The, Peoria, by Hockaday, Inc., Chicago, Ill. Paste Paint. 235,296, Nov. 15, 1927. Republished Apr. 6. Class 16.

Morley Company, The, Portland, Maine, Portsmouth, N. H. Buttons. 412,845, Mar. 27, 1945. Republished Apr. 6. Class 40.

Moosberg Company, to Apco Mossberg Company, Attleboro, Mass. Wrenches. 64,165, renewed July 30, 1947. O. G. Apr. 6. Class 23.

Motloid Company, Inc., The, Chicago, Ill. Acrylic denture base material, acrylic repair material for dentures, etc. 438,000, Apr. 6; Serial No. 515,510, published Jan. 13, 1948. Class 44.

Mount Vernon Woodberry Cotton Duck Company, to Mt. Vernon-Woodberry Mills, Inc., Baltimore, Md. Cotton duck. 68,575, re-renewed Apr. 14, 1948. O. G. Apr. 6. Class 42.

Mt. Vernon-Woodberry Mills, Inc.: *See*—
Mount Vernon Woodberry Cotton Duck Company.

Mueller, L. J., Furnace Company, Milwaukee, Wis. Gas furnaces. 408,491, Aug. 15, 1944. Republished Apr. 6. Class 34.

Mueller, L. J., Furnace Company, Milwaukee, Wis. Electrically actuated, thermostatic control for heating apparatus. 409,153, Sept. 19, 1944. Republished Apr. 6. Class 26.

Mutual-Sunset Lamp Manufacturing Co., Inc., New York, N. Y. Electrical apparatus. 438,100, Apr. 6; Serial No. 524,614, published Jan. 13, 1948. Class 21.

Naco Fertilizer Company, New York, N. Y. Fertilizer. 438,043, Apr. 6; Serial No. 519,615, published Jan. 13, 1948. Class 10.

Naco Fertilizer Company, New York, N. Y. Fertilizer. 438,055, Apr. 6; Serial No. 520,781, published Jan. 13, 1948. Class 10.

National Aniline & Chemical Company, Incorporated, by Allied Chemical & Dye Corporation, New York, N. Y., Dyestuffs. 233,018, Sept. 20, 1927. Republished Apr. 6. Class 6.

National Aniline & Chemical Company, Incorporated, by Allied Chemical & Dye Corporation, New York, N. Y. Dyestuffs. 233,059, Sept. 20, 1927. Republished Apr. 6. Class 6.

National Aniline & Chemical Company, Incorporated, by Allied Chemical & Dye Corporation, New York, N. Y. Dyestuffs. 235,041, Nov. 22, 1927. Republished Apr. 6. Class 6.

National Cranberry Association: *See*—
Cranberry Canners, Inc.

National Tea Co., Chicago, Ill. Ground paprika, ground cinnamon, etc. 438,019, Apr. 6; Serial No. 516,994, published Dec. 30, 1947. Class 46.

Natural Vision Equipment Corporation, New York, N. Y., by Albert W. Mahone, Chicago, Ill. Publications, charts and drawings. 407,695, June 20, 1944. Republished Apr. 6. Class 38.

Naylor, H. W., Co.: *See*—
Naylor, Howard W.

Naylor, Howard W., doing business as H. W. Naylor Co., Morris, N. Y. Antiseptic paint for the treatment of cuts, scratches, galls, etc. 500,048, Apr. 6; Serial No. 521,204. Class 6.

Neil Products Inc.: *See*—
Neil's Fruit Products Co.

Neil's Fruit Products Co., by Neil Products Inc., Los Angeles, Calif. Nonalcoholic, maltless beverages. 412,250, Feb. 27, 1945. Republished Apr. 6. Class 45.

Newton, Earl W., Chicago, Ill. Beverage glasses. 438,066, Apr. 6; Serial No. 521,459, published Jan. 13, 1948. Class 33.

New Way Co., Inc., St. Paul, Minn. Steam garment finisher. 437,935, Apr. 6; Serial No. 503,924, published Jan. 13, 1948. Class 24.

New York World-Telegram Corporation: *See*—
Press Publishing Company.

Nickel Cadmium Battery Corporation, Easthampton, Mass. Storage batteries. 437,997, Apr. 6; Serial No. 515,126, published Jan. 6, 1948. Class 21.

Niloak Pottery & Tile Company, Little Rock, Ark. Vitrified chinaware. 438,076, Apr. 6; Serial No. 521,996, published Jan. 13, 1948. Class 30.

Northmont Hosiery Corporation, Reading, Pa. Hosiery. 384,865, Feb. 4, 1948. Republished Apr. 6. Class 39.

Northrup, King & Co.: *See*—
Western Seed Growers Marketing Co.

Northrup, King & Co., Minneapolis, Minn. Seed corn. 393,162, Jan. 27, 1942. Republished Apr. 6. Class 1.

Northwest Egg Mix Company, Owatonna, Minn. Dry egg composition including milk solids, etc. 438,077, Apr. 6; Serial No. 522,092, published Dec. 30, 1947. Class 46.

Norwich Line Company, Inc., Norwich, N. Y. Bait casting fishing lines. 437,976, Apr. 6; Serial No. 511,284, published Jan. 6, 1948. Class 22.

Norwich Line Company, Inc., Norwich, N. Y. Fishing lines. 437,982, Apr. 6; Serial No. 512,526, published Jan. 6, 1948. Class 22.

Nutrisoy Company, New York, N. Y., assignor to Reinhold P. Schmitt. Griddle cake mix containing wheat flour, soybean flour, etc. 437,887, Apr. 6; Serial No. 460,781, published Dec. 30, 1947. Class 46.

Oakdale Baking Company, by American Cone & Pretzel Company, Philadelphia, Pa. Pretzels. 65,403, Sept. 24, 1907. Republished Apr. 6. Class 46.

Oelerich & Berry Company, Chicago, Ill. Molasses. 232,689, Sept. 13, 1927. Republished Apr. 6. Class 46.

Ohio Advertising Display Company, The, Cincinnati, Ohio. Electrically illuminated advertising display signs. 438,075, Apr. 6; Serial No. 521,994, published Jan. 6, 1948. Class 21.

Omaha Flour Mills Co., to Omar Incorporated, Omaha, Nebr. Wheat flour. 232,967, renewed Sept. 20, 1947. O. G. Apr. 6. Class 46.

Omar Incorporated: *See*—
Omaha Flour Mills Co.

Omni Products Corporation, New York, N. Y. Thermoplastic materials in granule and powder form. 438,079, Apr. 6; Serial No. 522,392, published Jan. 6, 1948. Class 1.

Oviatt's, Los Angeles, and Beverly Hills, Calif. Outer shirts, pajamas and coats. 356,703, May 10, 1938. Republished Apr. 6. Class 39.

Owen, R. C., Company, Gallatin, Tenn. Chewing tobacco. 438,059, Apr. 6; Serial No. 521,277, published Jan. 13, 1948. Class 17.

Owen, R. C., Company, Gallatin, Tenn. Natural-leaf twist tobacco. 438,060, Apr. 6; Serial No. 521,283, published Jan. 13, 1948. Class 17.

Page & Hill Co., Minneapolis, Minn. Treated wood poles. 407,792, June 27, 1944. Republished Apr. 6. Class 12.

Parfums Verchere (Parfums Jerome) Société à Responsabilité Limitée, Paris, France. Perfumes, toilet waters, rouge, lipstick, and face creams. 437,980, Apr. 6; Serial No. 511,756, published Aug. 26, 1947. Class 6.

Parfums Verlayne, Société à Responsabilité Limitée, Paris, France. Perfumes and toilet waters. 437,956, Apr. 6; Serial No. 507,840, published Aug. 12, 1947. Class 6.

Parker Pen Company, The, Janesville, Wis. Fountain pens. 155,044, May 16, 1922, Republished Apr. 6. Class 37.

Parker Pen Company, The, Janesville, Wis. Fountain pens, mechanical pencils, and desk sets. 374,445–6, Jan. 9, 1940. Republished Apr. 6. Class 37.

Parkersburg Rig and Reel Company, The, Parkersburg, W. Va. Derricks, walking beams, crown blocks, etc. 233,888, Oct. 11, 1927. Republished Apr. 6. Class 23.

Parkersburg Rig and Reel Company, The, Parkersburg, W. Va. Storage tanks. 235,805, Nov. 29, 1927. Republished Apr. 6. Class 2.

Parkersburg Rig and Reel Company, The, Parkersburg, W. Va. Belt houses, engine houses, bull-wheel houses, etc. 237,551, Jan. 10, 1928. Republished Apr. 6. Class 12.

Payne Coal Company, Inc., Wilkes-Barre, Pa. Coal. 438,057, Apr. 6; Serial No. 521,027, published Jan. 6, 1948. Class 1.

Peerless Wolfson Company, Chicago, Ill. Handkerchiefs. 409,564, Oct. 10, 1944. Republished Apr. 6. Class 39.

Penberthy Injector Company, Detroit, Mich. Liquid level indicators. 438,003, Apr. 6; Serial No. 515,678, published Jan. 13, 1948. Class 26.

People's Packing Corporation, San Diego, Calif. Canned fish. 438,085, Apr. 6; Serial No. 523,037, published Jan. 13, 1948. Class 46.

Pepper Fishing Rod and Tackle Corporation, Rome, N. Y. Fishing rods, fishing rod bags, and fishing rod cases. 437,983, Apr. 6; Serial No. 512,858, published Dec. 2, 1947. Class 22.

Pepsi-Cola Company, Long Island City, N. Y. Beverages and sirups. 349,985, Sept. 14, 1937. Republished Apr. 6. Class 45.

Pepsi-Cola Company, Long Island City, N. Y. Bottle closures. 350,201, Sept. 21, 1937. Republished Apr. 6. Class 50

Pepsi-Cola Company, Long Island City, N. Y. Beverage coolers. 369,426, July 25, 1939. Republished Apr. 6. Class 31.

Pfizer, Chas. & Co., Inc., New York, N. Y. Streptomycin preparation. 500,030, Apr. 6; Serial No. 526,914, published Jan. 13, 1948. Class 6.

Phillips, L. G., Kalamazoo, Mich. Hair shampoo, scalp shampoo, scalp lotion and hair dressing. 438,143, Apr. 6; Serial No. 521,028. Class 6.

Pierce, Dorothy Mason, New York, N. Y. Toy stuffed elephants. 500,045, Apr. 6; Serial No. 508,857. Class 22.

Pillsbury Flour Mills Company, by Pillsbury Mills, Inc., Minneapolis, Minn. Wheat flour. 410,661, Dec. 12, 1944. Republished Apr. 6. Class 46.

Pillsbury Mills, Inc.: *See*—
Pillsbury Flour Mills Company.

Pioneer Suspender Company, Philadelphia, Pa. Suspenders, braces, and supporters. 374,160, Jan. 2, 1940. Republished Apr. 6. Class 39.

Pioneer Suspender Company, Philadelphia, Pa. Wallets keys containers, card holders, bill-folds, pocket-books. 384,564, Jan. 21, 1941. Republished Apr. 6. Class 3.

Pioneer Suspender Company, Philadelphia, Pa. Men's suspenders, braces, garters and trouser belts. 398,245, Oct. 20, 1942. Republished Apr. 6. Class 39.

Pioneer Suspender Company, Philadelphia, Pa. Wallets and billfolds. 400,858, Apr. 6, 1943. Republished Apr. 6. Class 3.

Pioneer Suspender Company, Philadelphia, Pa. Wallets and billfolds. 414,060, May 22, 1945. Republished Apr. 6. Class 3.

Piper Aircraft Corporation, Lock Haven, Pa. Airplanes. 437,966, Apr. 6; Serial No. 510,025, published Nov. 25, 1947. Class 19.

Planters Nut and Chocolate Co., Suffolk, Va., to Planters Nut and Chocolate Co., Wilkes-Barre, Pa. Chocolate-covered peanuts. 237,034, renewed Jan. 3, 1948. O. G. Apr. 6. Class 46.

Plastic Products Co.: *See*—
Jalof, William R.

Poloron Products, Inc., New Rochelle, N. Y. Insulated picnic jugs and insulated picnic boxes. 437,919, Apr. 6; Serial No. 499,003, published Jan. 13, 1948. Class 2.

Pool, Clarence, doing business as Hydropack, Los Angeles, Calif. Dinner and kitchen ware. 437,977, Apr. 6; Serial No. 511,434, published Jan. 13, 1948. Class 2.

Poor, Edward E., Jr., doing business as Amherst Blanket Co., Passaic, N. J. Disposal bedding, including disposable bed sheeting, etc. 438,021, Apr. 6; Serial No. 517,338, published Jan. 13, 1948. Class 37.

Poynter, Nelson P., assignee: *See*—
Press Research, Inc.

Precision Apparatus Company, Inc., Elmhurst, Long Island, N. Y. Instruments for testing electronic tubes, etc. 438,006, Apr. 6; Serial No. 515,790, published Jan. 6, 1948. Class 26.

Preisinger & Svabek Engineering Co., Inc., Chicago, Ill. Oil fill and vent covers. 438,014, Apr. 6; Serial No. 516,722, published Dec. 30, 1947. Class 34.

Press Publishing Company, to New York World-Telegram Corporation, New York, N. Y. Title of a daily article of boxing news and comment in the world newspaper. 229,717, renewed July 5, 1947. O. G. Apr. 6. Class 38.

Press Research, Inc., St. Petersburg, Fla., and Washington, D. C., assignor to N. P. Poynter, Washington, D. C. Periodical publication. 438,134, Apr. 6; Serial No. 497,330. Class 38.

Prestite Engineering Company, The, St. Louis, Mo. Asphalt compounded with other ingredients for use in producing a cement. 282,593, Apr. 28, 1931. Republished Apr. 6. Class 12.

Preview Publishing Corp., New York, N. Y. Monthly printed periodical or trade paper. 438,142, Apr. 6; Serial No. 509,300. Class 38.

Procter & Gamble Company, The, Cincinnati, Ohio. Bulk soap chips. 350,350, Sept. 28, 1937. Republished Apr. 6. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Soap. 396,827, Aug. 4, 1942. Republished Apr. 6. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Shampoo. 406,680, Apr. 18, 1944. Republished Apr. 6. Class 6.

Procter & Gamble Company, The, Cincinnati, Ohio. Soap. 407,632, June 13, 1944. Republished Apr. 6. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner. 409,174, Sept. 19, 1944. Republished Apr. 6. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Soap. 413,703, May 8, 1945. Republished Apr. 6. Class 4.

Publicker Industries Inc., Philadelphia, Pa. Denatured alcohol and antifreeze preparations. 500,026, Apr. 6; Serial No. 526,795, published Jan. 13, 1948. Class 6.

Pull-The-String Mailing Wrapper Co.: *See*—
Roden, E. H.

Pure Oil Company, The, Chicago, Ill. Lubricating oils. 254,907, Apr. 2, 1929. Republished Apr. 6. Class 15.

Pure Oil Company, The, Chicago, Ill. Lubricating oil. 396,570, July 28, 1942. Republished Apr. 6. Class 15.

Putting Eye Company, The: *See*—
Forsell, Carl F.

Puyallup & Sumner Fruit Growers Association, Puyallup, to Washington Packers, Inc., Sumner, Wash. Canned vegetables. 230,602, renewed Aug. 2, 1947. O. G. Apr. 6. Class 46.

Radio Inventions, Inc., New York, N. Y. Electrosensitive recording paper. 438,141, Apr. 6; Serial No. 506,611. Class 21.

Radiron Corporation, Miamisburg, Ohio. Electric toasters. 438,127, Apr. 6; Serial No. 526,329, published Dec. 30, 1947. Class 21.

Ranch House, The, Fort Worth, Tex. Portable barbecue using solid fuel. 437,926–7, Apr. 6; Serial Nos. 500,127–8, published Dec. 30, 1947. Class 34.

Rand McNally and Company, Chicago, Ill. Monthly publication. 232,989, Sept. 20, 1927. Republished Apr. 6. Class 38.

Rawlings & Sons (London) Limited, London, England. Aperitif liqueur. 438,031, Apr. 6; Serial No. 518,482, published Jan. 6, 1948. Class 49.

Red Jacket Coal Sales Company, Columbus, Ohio. Coal. 423,431, Sept. 3, 1946. Republished Apr. 6. Class 1.

Reeves Hoffman Corporation, Carlisle, Pa. Piezo electric crystals and holders. 437,088, Apr. 6; Serial No. 523,476, published Dec. 23, 1947. Class 21.

Richmond Hosiery Mills, Rossville, Ga. Hosiery. 66,971, Jan. 7, 1908. Republished Apr. 6. Class 39.

Riggi, Jos. A., Candy Co., Chicago, Ill. Candy-coated jordan almonds. 438,136, Apr. 6; Serial No. 500,699. Class 46.

Robbins, Julius, Los Angeles, Calif. Cleansing face cream. 500,025, Apr. 6; Serial No. 526,706, published Jan. 13, 1948. Class 6.

Rockwell Manufacturing Company, Pittsburgh, Pa. Stick glue. 500,051, Apr. 6; Serial No. 534,351. Class 5.

Roden, E. H., doing business as Pull-The-String Mailing Wrapper Co., Chicago, Ill. Mailing wrapper. 437,891, Apr. 6; Serial No. 480,289, published Jan. 13, 1948. Class 37.

Rogers Diesel and Aircraft Corporation, New York, N. Y. Equipment for dehumidification and/or air sterilization, etc. 437,918, Apr. 6; Serial No. 498,861, published Dec. 23, 1947. Class 34.

Rogers Peet Company, New York, N. Y. Hats and caps. 121,006, Mar. 19, 1918. Republished Apr. 6. Class 39.

Rogers Peet Company, New York, N. Y. Men's and boys' suits and overcoats. 372,660, Nov. 7, 1939. Republished Apr. 6. Class 39.

Röhm & Haas Company, Philadelphia, Pa. Cellulose-ester lacquers. 232,759, Sept. 13, 1927. Republished Apr. 6. Class 16.

Rollins Hosiery Mills, Inc., Des Moines, Iowa. Ladies' underwear. 315,684, Aug. 7, 1934. Corrected. O. G. Apr. 6. Class 39.

Rollins Hosiery Mills, Inc., Des Moines, Iowa. Hosiery. 315,858, Aug. 14, 1934. Corrected. O. G. Apr. 6. Class 39.

Rose, Irvin A., doing business as Cleveland Tobacco Company, Cleveland, Ohio. Smoking tobacco. 438,103, Apr. 6; Serial No. 525,250, published Jan. 13, 1948. Class 17.

Roth, Chester H., Co., Inc.: *See*—
Standard Hosiery Mills.

Rothwell Ceramic Laboratories: *See*—
Rothwell, Peter.

Rothwell, Peter, doing business as Rothwell Ceramic Laboratories, Buffalo, N. Y. Artificial teeth in various forms. 437,973, Apr. 6; Serial No. 511,039, published Jan. 13, 1948. Class 44.

Rubank, Inc., Chicago, Ill. Sheet music and music books. 500,040, Apr. 6; Serial No. 529,933, published Jan. 13, 1948. Class 38.

Rutex, Inc., Bergen, N. J. Synthetic rubber in liquid and sheet form adapted for fabricating, etc. 437,897, Apr. 6; Serial No. 486,874, published Dec. 23, 1947. Class 1.

Salazar, Delphine, assignee: *See*—
Allied Importing Company.

Savory Equipment, Inc., Newark, N. J. Electric toaster for restaurants, hotels and the like. 437,970, Apr. 6; Serial No. 510,804, published Dec. 23, 1947. Class 21.

Schapira, David, doing business as Soap Master Co., New York, N. Y. Soap impregnated paper tissue. 438,139, Apr. 6; Serial No. 505,926. Class 4.

Schenley Distributors, Inc., New York, N. Y. Alcoholic cocktails. 438,048, Apr. 6; Serial No. 520,186, published Dec. 23, 1947. Class 49.

Scherk, Ludwig, Inc., New York, N. Y. After shave lotion. 437,893, Apr. 6; Serial No. 482,554, published Mar. 26, 1946. Class 6.

Schmitt, Reinhold P., assignee: *See*—
Nutrisoy Company.

Schreiber Milling and Grain Company, St. Joseph, Mo. Feed for livestock and poultry. 438,084, Apr. 6; Serial No. 523,016, published Jan. 13, 1948. Class 46.

Schuler-O'Connel Grain Co., by E. D. Wilkinson Grain Company, Stockton, Calif. Grain bags. 251,226, Jan. 1, 1929. Republished Apr. 6. Class 2.

Schutte, William H., North Hollywood, Calif. Self luminous washers of transparent plastic material, etc. 437,915, Apr. 6; Serial No. 497,882, published Jan. 13, 1948. Class 50.

Schwartz, Sigmund J., doing business as The Fotolamp-shade Mfg. Co., Brooklyn, N. Y. Electric lamp shades. 437,992, Apr. 6; Serial No. 514,435, published Jan. 6, 1948. Class 21.

Scott, Adam, Goldsboro, N. C. Barbecue sauce. 438,049, Apr. 6; Serial No. 520,188, published Dec. 30, 1947. Class 46.

Sea Cadets of America, The, Milwaukee, Wis. Instruction books or handbooks. 438,013, Apr. 6; Serial No. 516,584, published Jan. 13, 1948. Class 38.

Seven Seas Trading Corp., Los Angeles, Calif. Canned citrus juices. 437,936, Apr. 6; Serial No. 504,073, published Dec. 9, 1947. Class 46.

Shapiro Distributing Co., Newburgh, N. Y. Footballs, baseball gloves, golfballs, etc. 438,073, Apr. 6; Serial No. 521,962, published Jan. 6, 1948. Class 22.

Sharp's Point Studio: *See*—
Humphreys, Pauline H.

Sigma Nu Fraternity, Indianapolis, Ind. Writing paper and envelopes and memorandum blanks, etc. 241,565–8, renewed May 1, 1948. O. G. Apr. 6. Class 37.

Silkin Paper Corporation, San Francisco, Calif. Paper napkins. 387,500, May 20, 1941. Republished Apr. 6, 1948. Class 37.

Simonin's, C. F., Sons, Inc., Philadelphia, Pa. Edible vegetable oil. 401,748, June 8, 1943. Republished Apr. 6. Class 46.

Sinclair Manufacturing Company, by H. M. Sinclair, Jr., trustee for The Sinclair Manufacturing Company, Toledo, Ohio. Bleaching and disinfecting solutions. 374,943, Jan. 30, 1940. Republished Apr. 6. Class 6.

Skater Manufacturing Co. Inc., New York, N. Y. Fountain pens. 438,040, Apr. 6; Serial No. 519,350, published Jan. 13, 1948. Class 37.

Skinner, G. M.: *See*—
Skinner, Mariana E.

Skinner, G. M., Incorporated: *See*—
Skinner, Mariana E.

Skinner, Mariana E., sole executrix of G. M. Skinner, deceased, to G. M. Skinner, Incorporated, Clayton, N. Y. Fluted spoon-baits. 69,003, rerenewed May 12, 1948. O. G. Apr. 6. Class 22.

Soap Master Co.: *See*—
Schapira, David.

Societe Anonyme des Etablissements Gringoire, Pithiviers, France. Ginger bread, honey, cakes, etc. 438,029–30, Apr. 6; Serial No. 518,369–70, published Jan. 13, 1948. Class 46.

Solar Manufacturing Corporation, New York, N. Y., and elsewhere. Dry electrolytic capacitors. 437,971, Apr. 6; Serial No. 510,901, published Jan. 6, 1948. Class 21.

Sorority Frocks, Inc., New York, N. Y. Ladies', misses, and children's suits, wraps, dresses, cloaks, and coats. 438,032, Apr. 6; Serial No. 518,488, published Dec. 30, 1947. Class 39.

Southern Supply Company: *See*—
Thompson, Lee H.

Southwestern Milling Company, Inc., The, New York, N. Y., by Standard Milling Company, Chicago, Ill. Wheat flour. 231,484, Aug. 23, 1927. Republished Apr. 6. Class 46.

Spiros, Andrew, Hot Springs, Ark. Preparation for use in treatment of eczema, etc. 438,024, Apr. 6; Serial No. 517,746, published Sept. 16, 1947. Class 6.

Sporting Goods, Inc., Springfield, Mass., assignor to The Springfield Company. Golf clubs. 438,020, Apr. 6; Serial No. 517,210, published Jan. 6, 1948. Class 22.

Springbrook Packing Co. Cooperative, Springbrook, Oreg. Canned fruits and vegetables. 406,285, Mar. 21, 1944. Republished Apr. 6, 1948. Class 46.

Springbrook Packing Co. Cooperative, Springbrook, Oreg. Canned fruits. 406,286–7, Mar. 21, 1944. Republished Apr. 6, 1948. Class 46.

Springfield Company, The: *See*—
Sporting Goods, Inc.

Standard Hosiery Mills, Burlington, N. C., to Chester H. Roth Co., Inc., New York, N. Y. Hosiery. 237,971, renewed Jan. 24, 1948. O. G. Apr. 6. Class 39.

Standard Milling Company: *See*—
Southwestern Milling Company, Inc., The.

Standard Milling Company, New York, N. Y., by Standard Milling Company, Chicago, Ill. Wheat flour. 378,306, June 4, 1940. Republished Apr. 6, 1948. Class 46.

Standard Milling Company, New York, N. Y., by Standard Milling Company, Chicago, Ill. Wheat flour. 382,942–3; Nov. 19, 1940. Republished Apr. 6, 1948. Class 46.

Standard Milling Company, New York, N. Y., by Standard Milling Company, Chicago, Ill. Wheat flour. 385,304, Feb. 25, 1941. Republished Apr. 6. Class 46.

Standard Milling Company, New York, N. Y., by Standard Milling Company, Chicago, Ill. Wheat flour. 385,781, Mar. 18, 1941. Republished Apr. 6. Class 46.

Standard Milling Company, New York, N. Y., by Standard Milling Company, Chicago, Ill. Wheat flour. 396,382, July 14, 1942. Republished Apr. 6. Class 46.

Star Band Co. Inc., New York, N. Y. Cellophane Christmas stockings. 438,061, Apr. 6; Serial No. 521,294, published Jan. 6, 1948. Class 22.
Stearns Magnetic Mfg. Co., Milwaukee, Wis. Magnetic separators, spout magnets, etc. 438,027, Apr. 6; Serial No. 518,056, published Jan. 6, 1948. Class 21.
Sterling Offset Company, New York, N. Y. Game played with cards. 437,938, Apr. 6; Serial No. 505,081, published Dec. 23, 1947. Class 22.
Strohmeyer & Arpe Company, New York, N. Y. Potato flour or starch used as a food. 384,332, Jan. 14, 1941. Republished Apr. 6. Class 46.
Stuart Clothes, Inc.: *See*—
Levy, Moe, & Son, Inc.
Sunday School Times Company, The, Philadelphia, Pa. Weekly magazine. 236,719, Dec. 20, 1927. Republished Apr. 6. Class 38.
Sunlight Milling Company, to Home Mill and Grain Company, Inc., Mount Vernon, Ind. Plain flour. 235,923, renewed Nov. 29, 1947. O. G. Apr. 6. Class 46.
Sunsilt Farms: *See*—
Elmore and Stahl.
Sweet Orr & Company, New York, Newburgh, Wappingers Falls, and Brooklyn, N. Y., and Joliet, Ill., to Sweet-Orr & Co., Inc., New York, N. Y. Overalls and the coats to match the same. 68,459, re-renewed Apr. 7, 1948. O. G. Apr. 6. Class 39.
Sweet-Orr & Co., Inc.: *See*—
Sweet Orr & Company.
Swivel Tee, Inc., West Islip, N. Y. Golf ball tees. 500,049, Apr. 6; Serial No. 526,519. Class 22.
Sydney Ross Co., The: *See*—
Wrights Indian Vegetable Pill Company.
Sydney Ross Co., The, Newark, N. J. Soap. 242,076, renewed May 15, 1948. O. G. Apr. 6. Class 4.
Symington-Gould Corporation, The, Rochester, N. Y. Carbon steel, alloy steel, semisteel, etc. 397,914, Sept. 29, 1942. Republished Apr. 6. Class 14.
Telecoin Corporation, New York, N. Y. Coin operated radio and television receiving sets, and parts thereof. 438,053, Apr. 6; Serial No. 520,656, published Jan. 6, 1948. Class 21.
Tennessean Newspapers, Inc., Nashville, Tenn. Newspaper feature column. 437,944, Apr. 6; Serial No. 506,066, published Jan. 13, 1948. Class 38.
Teplitz, Louis, doing business as United Drug Supply Co., Philadelphia, Pa., assignor to United Drug Supply Company, Inc., Philadelphia, Pa. Tissue cream, deodorant cream, etc. 438,138, Apr. 6; Serial No. 503,616. Class 6.
Tex-O-Kan Flour Mills Co.: *See*—
Collin County Mill & Elevator Co.
Thomas, M. & W., Co., New York, N. Y. Neckties. 411,380, Jan. 16, 1945. Republished Apr. 6. Class 39.
Thomas, M. & W., Co., New York, N. Y. Silk and rayon piece goods. 422,710, Aug. 6, 1946. Republished Apr. 6. Class 42.
Thompson, Lee H., doing business as Southern Supply Company, by Southern Supply Co., Pasadena, Calif. Washing preparations. 401,417, May 18, 1943. Republished Apr. 6. Class 4.
Thompson Products, Inc., Cleveland, Ohio. Pump shafts, and poppet valves. 235,942, renewed Nov. 29, 1947. O. G. Apr. 6. Class 23.
Thornton & Chester Milling Company, Buffalo, N. Y. Wheat flour. 67,064, Jan. 14, 1908. Republished Apr. 6. Class 46.
Timerson Canning Co., Inc., Martville, N. Y. Canned dog and cat food. 438,050, Apr. 6; Serial No. 520,240, published Dec. 30, 1947. Class 46.
Timme, E. F., & Son, New York, N. Y. Pile fabrics in the piece. 277,795, Nov. 25, 1930. Republished Apr. 6. Class 42.
Tiscione, Anthony, Brooklyn, N. Y. Collapsible artificial Christmas trees. 438,086, Apr. 6; Serial No. 523,093, published Dec. 23, 1947. Class 50.
Tootle Beverage Company, St. Joseph, Mo. Non-alcoholic, maltless beverages. 437,939, Apr. 6; Serial No. 505,266, published Dec. 23, 1947. Class 45.
True-Tagg Paint Company, Memphis, Tenn. Brushing lacquers, prepared shellac substitutes, and varnishes. 235,850, Nov. 29, 1927. Republished Apr. 6. Class 16.
Tule River Citrus Association, Success, to Tule River Citrus Association, Porterville, Calif. Fresh citrus fruits. 241,320, renewed Apr. 24, 1948. O. G. Apr. 6. Class 46.
Tupper Corporation, Farnumsville, Mass. Poker chips. 500,050, Apr. 6; Serial No. 528,839. Class 22.
Turner Day & Woolworth Handle Company, Louisville, Ky., by The American Fork and Hoe Company, Cleveland, Ohio. Wooden tool handles. 200,447–52, June 30, 1925. Republished Apr. 6. Class 23.
Turner Day & Woolworth Handle Company, Louisville, Ky., by The American Fork and Hoe Company, Cleveland, Ohio. Wooden tool handles. 201,030, July 14, 1925. Republished Apr. 6. Class 23.
Turner Day & Woolworth Handle Company, Louisville, Ky., by The American Fork and Hoe Company, Cleveland, Ohio. Wooden tool handles. 202,788–9, Sept. 1, 1925. Republished Apr. 6. Class 23.
Tyler, A. G., Inc., New York, N. Y. Solution of acetylsalicylic acid. 438,089, Apr. 6; Serial No. 523,492, published Jan. 6, 1948. Class 6.
Unicorn Products Limited, London, England. Darts, dart flights, dart canes, etc. 437,933, Apr. 6; Serial No. 502,355, published Jan. 6, 1948. Class 22.
United Chromium, Incorporated, New York, N. Y. Synthetic resinous material in the form of sheets, rod, tubing, cord, etc. 437,920, Apr. 6; Serial No. 499,088, published Jan. 6, 1948. Class 1.
United Drug Supply Co.: *See*—
Teplitz, Louis.
United Drug Supply Company, Inc., assignee: *See*—
Teplitz, Louis.
United Manufacturers, Inc., New York, N. Y. Pull-toys with hopping action. 437,961, Apr. 6; Serial No. 508,455, published Dec. 2, 1947. Class 22.
United States Shoe Corporation, The: *See*—
Erwin Shoe Co., Inc.
United States Shoe Corporation, The, Cincinnati, Ohio. Shoes made of leather, fabric, and/or a combination of these materials. 408,691, Aug. 29, 1944. Republished Apr. 6. Class 39.
Universal Water Softener Co., Maywood, Ill. Filters and water softeners. 353,666, Jan. 11, 1938. Republished Apr. 6. Class 31.
V. & E. Engineering Co., by V. & E. Manufacturing Co., Pasadena, Calif. Drafting machines and drawing instruments comprising compasses, dividers, bow compasses, etc. 396,655, July 28, 1942. Republished Apr. 6. Class 26.
V. & E. Engineering Co., doing business as V. & E. Manufacturing Co., by V. & E. Manufacturing Co., Pasadena, Calif. Drawing instruments. 399,580, Jan. 19, 1943. Republished Apr. 6. Class 26.
V. & E. Manufacturing Co.: *See*—
V. & E. Engineering Co.
Vanity Doll Company, Inc., Brooklyn, N. Y. Dolls. 438,051, Apr. 6; Serial No. 520,244, published Jan. 6, 1948. Class 22.
Veldown Company, Inc., New York, N. Y. Sanitary napkins. 322,995, Mar. 26, 1935. Corrected. O. G. Apr. 6. Class 44.
Veldown Company, Inc., New York, N. Y. Catamenial bandages. 360,998, Oct. 4, 1938. Corrected. O. G. Apr. 6. Class 44.
Vendo Company, The, Kansas City, Mo. Combination gas and steam cooking stoves. 437,908, Apr. 6; Serial No. 496,002, published Dec. 16, 1947. Class 34.
Vendo Company, The, Kansas City, Mo. Combination gas and steam cooking stoves. 437,909, Apr. 6; Serial No. 496,413, published Dec. 16, 1947. Class 34.
Victaulic Company of America, New York, N. Y. Pipe couplings. 438,012, Apr. 6; Serial No. 516,515, published Jan. 13, 1948. Class 13.
Victorius, A. V., & Company, New York, N. Y., by General Shoe Corporation, Nashville, Tenn. Hosiery. 231,831, Aug. 30, 1927. Republished Apr. 6. Class 39.
Victory Manufacturing Company, Philadelphia, Pa. Dolls, toy animals, footballs, and softballs. 437,954, Apr. 6; Serial No. 507,606, published Dec. 2, 1947. Class 22.
Vogue Dolls, Inc., Medford, Mass. Dolls. 438,038, Apr. 6; Serial No. 519,304, published Jan. 6, 1948. Class 22.
Vol Crepe Limited, Glossop, England. Felted material in sheet form made principally of rubber. 438,017, Apr. 6; Serial No. 516,881, published Dec. 23, 1947. Class 50.
Wagner Manufacturing Company, The, Sidney, Ohio. Pots, kettles, tea kettles, etc. 211,388, Apr. 13, 1926. Republished Apr. 6. Class 13.
Walt, Albert L., Jr., doing business as Walt Manufacturing Co., Tulsa, Okla. Toy hobby horses. 437,905, Apr. 6; Serial No. 493,704, published Dec. 9, 1947. Class 22.
Walt Manufacturing Co.: *See*—
Walt, Albert L., Jr.
Walker, Eldon M., doing business as Walker Hydraulic Table Company, Decatur, Ill. Electrical heaters. 438,025, Apr. 6; Serial No. 517,937, published Jan. 6, 1948. Class 21.
Walker Hydraulic Table Company, The: *See*—
Walker, Eldon M.
Warne, William, & Company Limited: *See*—
Warne, Wm., & Co. Limited.
Warne, Wm., & Co. Limited, London, England, to William Warne & Company Limited, Barking, Essex, England. Tobacco-pouches. 67,004, re-renewed Jan. 7, 1948. O. G. Apr. 6. Class 8.
Washington Packers, Inc.: *See*—
Puyallup & Sumner Fruit Growers Association.
Watson Company, The, Attleboro, Mass. Flatware and hollow ware. 370,313, Aug. 22, 1939. Republished Apr. 6. Class 28.
Webb, John M., doing business as John McD. Webb Associates, Minneapolis, Minn. After shave lotion. 500,024, Apr. 6; Serial No. 526,674, published Jan. 13, 1948. Class 6.
Webb, John McD., Associates: *See*—
Webb, John M.
Wellman, S. K., Company, The, Cleveland, Ohio. Clutch linings and facings; brake facings; clutch and brake friction members. 411,420, Jan. 16, 1945. Republished Apr. 6. Class 35.
Western Seed Growers Marketing Co., Salt Lake City, Utah, by Northrup, King & Co., Minneapolis, Minn. Alfalfa, red clover, alsike clover, white clover, sweet-clover seeds. 183,092, Apr. 22, 1924. Republished Apr. 6. Class 1.

Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets, and envelopes. 438,108, Apr. 6; Serial No. 525,997, published Dec. 23, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets. 438,109–10, Apr. 6; Serial Nos. 526,005–6, published Jan. 6, 1948. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Loose writing paper. 438,111, Apr. 6; Serial No. 526,024, published Jan. 6, 1948. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets. 438,112, Apr. 6; Serial No. 526,085, published Dec. 23, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Index cards or guides. 438,113, Apr. 6; Serial No. 526,086, published Dec. 23, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets. 438,114, Apr. 6; Serial No. 526,088, published Dec. 23, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio Paper tablets. 438,115, Apr. 6; Serial No. 526,093, published Dec. 23, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets, and loose writing paper. 438,116, Apr. 6; Serial No. 526,100, published Dec. 2, 1947. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Loose writing paper. 438,117–18, Apr. 6; Serial Nos. 526,111–12, published Jan. 6, 1948. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio Loose writing paper. 438,119, Apr. 6; Serial No. 526,117, published Jan. 6, 1948. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets, loose writing paper. 438,120, Apr. 6; Serial No. 526,123, published Jan. 13, 1948. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Loose writing paper. 438,121, Apr. 6; Serial No. 526,130, published Jan. 13, 1948. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Loose writing paper. 438,122, Apr. 6; Serial No. 526,138, published Jan. 13, 1948. Class 37.
Western Tablet & Stationery Corporation, Dayton, Ohio. Papeteries. 438,123, Apr. 6; Serial No. 526,164, published Dec. 23, 1947. Class 37.
Western Waxed Paper Company: *See*—
Crown Zellerbach Corporation.
Western Waxed Paper Company, Division of Crown Zellerbach Corporation: *See*—
Crown Zellerbach Corporation.
Westfeldt Brothers, New Orleans, La. Green coffee. 241,577, renewed May 1, 1948. O. G. Apr. 6. Class 46.
Westinghouse Electric Corporation, assignor to Bridgeport Brass Company, Bridgeport, Conn. Manually controlled automatic sprayers. 500,023, Apr. 6; Serial No. 481,506, published Dec. 2, 1947. Class 23.
Weyenberg Shoe Manufacturing Company, Milwaukee, Wis. Leather shoes. 373,490, Dec. 12, 1939. Republished Apr. 6. Class 39.
White & Wyckoff Mfg. Co., Holyoke, Mass. Greeting cards. 438,054, Apr. 6; Serial No. 520,662, published Jan. 13, 1948. Class 38.
Whopper-Stopper Bait Company, Sherman, Tex. Fish lures. 437,951, Apr. 6; Serial No. 507,177, published Dec. 2, 1947. Class 22.
Wiedemann, Geo., Brewing Co., Inc., The, Newport, Ky. Beer. 376,419, Mar. 26, 1940. Republished Apr. 6. Class 48.
Wilcox, Roy F., & Co., Montebello, Calif. Natural plants and trees. 438,129, Apr. 6; Serial No. 484,767. Class 1.
Wilkening Manufacturing Company, Philadelphia, Pa. Piston rings, piston ring expanders, and valve packing. 359,872, Aug. 30, 1938. Republished Apr. 6. Class 35.
Wilkinson, E. D., Grain Company: *See*—
Schuler-O'Connel Grain Co.
Willamette Paper Company: *See*—
Crown Zellerbach Corporation.
Williams and Company, Inc., Pittsburgh, Pa. Welding wire. 234,322, Oct. 25, 1927. Republished Apr. 6. Class 14.
Williams, Elmer: *See*—
Klump, Elmer W.
Wirz, A. H., Inc., Chester, Pa. Collapsible tubes. 374,730, Jan. 23, 1940. Republished Apr. 6. Class 2.
Wollensak Optical Company, Rochester, N. Y. Camera lenses and lens mountings. 365,404, Mar. 7, 1939. Republished Apr. 6. Class 26.
Woodmansee, Charles F., doing business as Automatic Water Heater Sales Co., San Francisco, Calif. Water heaters and parts and accessories thereof. 437,941, Apr. 6; Serial No. 505,787, published Jan. 6, 1948. Class 34.
Woodville Lime Products Company, The, Toledo, Ohio. Lime. 233,048, Sept. 20, 1927. Republished Apr. 6. Class 12.
World-Wide Importing Company: *See*—
Allied Importing Company.
Wrights Indian Vegetable Pill Company, to The Sydney Ross Co., Newark, N. J. A remedy for indigestion. 68,964, re-renewed May 12, 1948. O. G. Apr. 6. Class 6.
Wyandotte Olive Growers Association, Oroville, Calif. Canned ripe olives. 437,087, Apr. 6; Serial No. 523,150, published Dec. 2, 1947. Class 46.
Yorkville Paper Co. Inc., New York, N. Y. Cartons made from paper or cardboard. 437,953, Apr. 6; Serial No. 507,451, published Jan. 13, 1948. Class 2.
Zellerbach Paper Company, San Francisco, Calif. Napkins, plain, embossed, and cocktail; table covers; household; etc. 388,541, July 1, 1941. Republished Apr. 6. Class 37.
Zenith Optical Mfg. Co., Chicago, Ill. Sun glasses, eye glasses, goggles, etc. 437,985, Apr. 6; Serial No. 513,091, published Sept. 9, 1947. Class 26.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Coal. Payne Coal Company, Inc. 438,057, Apr. 6; Serial No. 521,027, published Jan. 6, 1948.
Coal. Red Jacket Coal Sales Company. 423,431, Sept. 3, 1946. Republished Apr. 6.
Cranberry vines. Cranberry Canners, Inc. 378,121, May 28, 1940. Republished Apr. 6.
Flower bulbs. Bear Hollow Caladium Farm. 438,101, Apr. 6; Serial No. 525,185, published Dec. 30, 1947.
Fur, Dyed lamb. Beauty Lambs, Inc. 438,102, Apr. 6; Serial No. 525,186, published Dec. 30, 1947.
Hops and lupulin. E. Clemens Horst Co. 438,105, Apr. 6; Serial No. 525,328, published Dec. 23, 1947.
Plants and trees, Natural. Roy F. Wilcox & Co. 438,129, Apr. 6; Serial No. 484,767.
Resin compositions, Synthetic. Monsanto Chemical Company. 410,101, Nov. 7, 1944. Republished Apr. 6.
Resin polymers, Artificial. General Aniline & Film Corporation. 403,282, Sept. 14, 1943. Republished Apr. 6.
Resinous material in the form of sheets, rod, tubing, cord, etc., Synthetic. United Chromium, Incorporated. 437,920, Apr. 6; Serial No. 499,088, published Jan. 6, 1948.
Resins in solid form, Synthetic. Monsanto Chemical Company. 438,065, Apr. 6; Serial No. 521,457, published Dec. 30, 1947.
Resins, Synthetic. Monsanto Chemical Company. 411,445, Jan. 16, 1945. Republished Apr. 6.
Resins, Synthetic polyvinyl chloride. Goodyear Tire & Rubber Company. 438,045, Apr. 6; Serial No. 519,817, published Jan. 6, 1948.
Rubber in liquid and sheet form adapted for fabricating, etc., Synthetic. Rutex, Inc. 437,897, Apr. 6; Serial No. 486,874, published Dec. 23, 1947.
Seed corn. Northrup, King & Co. 393,162, Jan. 27, 1942. Republished Apr. 6.
Seed, Grass and field. Germain Seed and Plant Co. 438,023, Apr. 6; Serial No. 517,472, published Dec. 30, 1947.
Seeds, Agricultural and horticultural. Peter Henderson & Co. 66,183, Nov. 12, 1907. Republished Apr. 6.
Seeds, Alfalfa, red clover, alsike clover, white clover, sweet-clover. Wesetrn Seed Growers Marketing Co. 183,092, Apr. 22, 1924. Republished Apr. 6.
Silica sols. Monsanto Chemical Company. 411,133, Jan. 2, 1945. Republished Apr. 6.
Tar, Crude coal. John D. Farber. 437,959, Apr. 6; Serial No. 508,373, published Dec. 30, 1947.
Thermoplastic materials in granule and powder form. Omni Products Corporation. 438,079, Apr. 6; Serial No. 522,392, published Jan. 6, 1948.
Thermoplastic resin in liquid and granular form, etc. Mathieson Alkali Works. 437,937, Apr. 6; Serial No. 504,777, published Dec. 23, 1947.

CLASS 2

Bags and sacks, Fabric and paper. Bemis Bro. Bag Company. 266,776–7, Feb. 4, 1930. Republished Apr. 6.
Bags, Grain. Schuler-O'Connel Grain Co. 251,226, Jan. 1, 1929. Republished Apr. 6.
Bags, Paper. Bemis Bro. Bag Co. 367,612, May 23, 1939. Republished Apr. 6.
Bags, Paper. Bemis Bro. Bag Company. 393,425, Feb. 10, 1942. Republished Apr. 6.
Boxes for bottled goods and other commodities, Wooden. General Box Company. 372,169, Oct. 24, 1939. Republished Apr. 6.
Boxes, wooden crates and boxes, Corrugated. General Box Company. 417,757, Nov. 13, 1945. Republished Apr. 6.
Cartons made from paper or cardboard. Yorkville Paper Co. Inc. 437,953, Apr. 6; Serial No. 507,451, published Jan. 13, 1948.
Dinner and kitchen ware. C. Pool. 437,977, Apr. 6; Serial No. 511,434, published Jan. 13, 1948.
Mailing-envelopes, Parcel-post. Bemis Bro. Bag Company. 149,343, Dec. 13, 1921. Republished Apr. 6.
Picnic jugs and insulated picnic boxes, Insulated. Poloron Products, Inc. 437,919, Apr. 6; Serial No. 499,003, published Jan. 13, 1948.

Tanks, Storage. Parkersburg Rig and Reel Company. 235,805, Nov. 29, 1927. Republished Apr. 6.
Tubes, Collapsible. A. H. Wirz, Inc. 374,730, Jan. 23, 1940. Republished Apr. 6.

CLASS 3

Leather goods. Brown & Bigelow. 416,393, Sept. 11, 1945. Republished Apr. 6.
Luggage cases, Hand. Hartmann Trunk Company. 391,120, Oct. 21, 1941. Republished Apr. 6.
Suit-cases and wardrobe haud luggage. Hartmann Trunk Company. 374,807, Jan. 23, 1940. Republished Apr. 6.
Wallets and billfolds. Pioneer Suspender Company. 400,858, Apr. 6, 1943. Republished Apr. 6.
Wallets and billfolds. Pioneer Suspender Company. 414,060, May 22, 1945. Republished Apr. 6.
Wallets for keys and key holders. R. D. Miles. 238,043, renewed Jan. 24, 1948. O. G. Apr. 6.
Wallets, key containers, card holders, bill-folds, pocket-books. Pioneer Suspender Company. 384,564, Jan. 21, 1941. Republished Apr. 6.

CLASS 4

Cleaner, Sudsing. Procter & Gamble Company. 409,174, Sept. 19, 1944. Republished Apr. 6.
Cleaning compound. Davies-Young Soap Company. 383,984, Dec. 31, 1940. Republished Apr. 6.
Cleaning compound, Abrasive. Davies-Young Soap Company. 380,867, Sept. 3, 1940. Republished Apr. 6.
Preparation comprising an absorbent powdered material. Gray Company, Inc. 411,068, Jan. 2, 1945. Republished Apr. 6.
Soap. Hewitt Soap Company, Inc. 411,662, Jan. 30, 1945. Republished Apr. 6.
Soap. Procter & Gamble Company. 396,827, Aug. 4, 1942. Republished Apr. 6.
Soap. Procter & Gamble Company. 407,632, June 13, 1944. Republished Apr. 6.
Soap. Procter & Gamble Company. 413,703, May 8, 1945. Republished Apr. 6.
Soap. Sydney Ross Co. 242,076, renewed May 15, 1948. O. G. Apr. 6.
Soap chips, Bulk. Procter & Gamble Company. 350,350, Sept. 28, 1937. Republished Apr. 6.
Soap impregnated paper tissue. D. Schapira. 438,139, Apr. 6; Serial No. 505,926.
Soap, Toilet. Campana Corporation. 383,867, Dec. 24, 1940. Republished Apr. 6.
Soap, Toilet. Campana Sales Company. 409,860, Oct. 24, 1944. Republished Apr. 6.
Soaps, Toilet. Hewitt Soap Company, Inc. 392,523, Dec. 30, 1941. Republished Apr. 6.
Washing preparations. L. H. Thompson. 401,417, May 18, 1943. Republished Apr. 6.

CLASS 5

Glue, Stick. Rockwell Manufacturing Company. 500,051, Apr. 6; Serial No. 534,351.
Glues. I. F. Laucks, Inc. 408,349, Aug. 8, 1944. Republished Apr. 6.

CLASS 6

Alcohol and antifreeze preparations, Denatured. Publicker Industries Inc. 500,026, Apr. 6; Serial No. 526,795, published Jan. 13, 1948.
Antiseptic ointment preparation. Dollar & Patton. 437,903, Apr. 6; Serial No. 493,053, published Jan. 13, 1948.
Antiseptic paint for the treatment of cuts, scratches, galls, etc. H. W. Naylor. 500,048, Apr. 6; Serial No. 521,204.
Antiseptics and deodorants, Fluid. Kress & Owen Company. 241,934, renewed May 8, 1948. O. G. Apr. 6.
Aromatic substances. Monsanto Chemical Company. 370,550, Aug. 29, 1939. Republished Apr. 6.
Astringent. Campana Corporation. 357,125, May 24, 1938. Republished Apr. 6.
Bleaching and disinfecting solutions. Sinclair Manufacturing Company. 374,943, Jan. 30, 1940. Republished Apr. 6.
Chemical known as monomethyl para-amidophenol sulphate. Mallinckrodt Chemical Works. 500,028, Apr. 6; Serial No. 526,867, published Jan. 13, 1948.
Chemicals and preparations and compounds thereof used in photographic process. General Aniline & Film Corporation. 378,593, June 11, 1940. Republished Apr. 6.
Collodion. Mallinckrodt Chemical Works. 500,027, Apr. 6; Serial No. 526,865, published Jan. 13, 1948.
Colognes and perfumery. Campana Sales Company. 412,940, Apr. 3, 1945. Republished Apr. 6.
Coloring material, Flame. J. P. B. Fiske. 377,563, May 7, 1940. Republished Apr. 6.
Colors, Photographic. H. A. Metz & Co., Inc. 236,614, renewed Dec. 20, 1947. O. G. Apr. 6.
Composition containing chemical ingredients for strengthening, feeding and promoting the development of cut plants. Flower Foods Inc. 401,027, June 15, 1943. Republished Apr. 6.
Composition used as a coolant and lubricant in the drawing, stamping, and manipulation of metals. Glyco Products Co. Inc. 437,969, Apr. 6; Serial No. 510,678, published Dec. 9, 1947.
Compounds used as vulcanization accelerators in the curing of rubber articles. Monsanto Chemical Company. 398,059, Oct. 6, 1942. Republished Apr. 6.
Cream, Cleansing face. J. Robbins. 500,025, Apr. 6; Serial No. 526,706, published Jan. 13, 1948.
Cream, deodorant cream, etc., Tissue. L. Teplitz. 438,138, Apr. 6; Serial No. 503,616.
Creams, Toilet. M. Lavril. 438,037, Apr. 6; Serial No. 519,276, published Jan. 13, 1948.
Deodorant for men. International Cellucotton Products Company. 375,522, Feb. 20, 1940. Republished Apr. 6.
Deodorant, Powdered. Chichester Chemical Co. 437,987, Apr. 6; Serial No. 513,236, published Jan. 6, 1948.
Dibenzothiazyl disulfide used as a vulcanization accelerator in the curing of rubber articles. Monsanto Chemical Company. 400,173, Feb. 16, 1943. Republished Apr. 6.
Dyestuffs. National Aniline & Chemical Company, Incorporated. 233,018, Sept. 20, 1927. Republished Apr. 6.
Dyestuffs. National Aniline & Chemical Company, Incorporated. 233,059, Sept. 20, 1927. Republished Apr. 6.
Dyestuffs. National Aniline & Chemical Company, Incorporated. 235,641, Nov. 22, 1927. Republished Apr. 6.
Gas, Liquefied petroleum. Bupane Gas Company, Incorporated. 500,042, Apr. 6; Serial No. 533,432, published Jan. 13, 1948.
Incense. Hindu Incense Manufacturing Co. 500,036, Apr. 6; Serial No. 527,345, published Jan. 13, 1948.
Incense, face powder, talcum powder, etc. S. C. Ghose. 319,259, Nov. 20, 1934. Republished Apr. 6.
Incense in cigarette form. S. C. Ghose. 352,501, Nov. 30, 1937. Republished Apr. 6.
Iodide-containing substances, Stabilized assimilable. Mallinckrodt Chemical Works. 391,642, Nov. 18, 1941. Republished Apr. 6.
Iodine-adding supplement. Mallinckrodt Chemical Works. 500,032, Apr. 6; Serial No. 526,933, published Jan. 13, 1948.
Lipstick. Campana Corporation. 418,214, Dec. 11, 1945. Republished Apr. 6.
Lipstick. Daumit, Kay Inc. 437,960, Apr. 6; Serial No. 508,422, published July 15, 1947.
Lotion, After shave. Scherk, Ludwig Inc. 437,893, Apr. 6; Serial No. 482,554, published Mar. 26, 1946.
Lotion, After shave. J. M. Webb. 500,024, Apr. 6; Serial No. 526,674, published Jan. 13, 1948.
Lotions for the skin. Campana Corporation. 376,826–7, Apr. 9, 1940. Republished Apr. 6.
Lotions for the skin. Campana Corporation. 383,839, Dec. 24, 1940. Republished Apr. 6.
Make-up preparation. Campana Corporation. 403,275, Sept. 14, 1943. Republished Apr. 6.
Medical preparation. E. S. Miller Laboratories, Inc. 412,639, Mar. 20, 1945. Republished Apr. 6.
Mixture containing potassium iodide. Mallinckrodt Chemical Works. 344,036, Mar. 9, 1937. Republished Apr. 6.
Mixture containing potassium iodide. Mallinckrodt Chemical Works. 500,031, Apr. 6; Serial No. 526,932, published Jan. 13, 1948.
Moth killers and roach killers. Mallinckrodt Chemical Works. 361,161, Oct. 11, 1938. Republished Apr. 6.
Oxazolediones and salts thereof useful as hypnotics and anesthetics, Substituted. Mallinckrodt Chemical Works. 393,106, Jan. 27, 1942. Republished Apr. 6.
Perfumes and toilet waters. Etablissements Rigaud, Inc. 438,004, Apr. 6; Serial No. 515,706, published Jan. 13, 1948.
Perfumes and toilet waters. Parfums Verlayne, Société à Responsabilité Limitée. 437,956, Apr. 6; Serial No. 507,840, published Aug. 12, 1947.
Perfumes, toilet creams, toilet powders, etc. Cadolle Freres. 233,947, renewed Oct. 11, 1947. O. G. Apr. 6.
Perfumes, toilet waters, cold creams, etc. Count Dorelia, Ltd. 437,972, Apr. 6; Serial No. 510,938, published Jan. 13, 1948.
Perfumes, toilet waters, rouge, lipstick, and face creams. Parfums Verchere (Parfums Jerome) Société à Responsabilité Limitée. 437,980, Apr. 6; Serial No. 511,756, published Aug. 26, 1947.
Preparation for acute, relaxed, and disturbed condition of the stomach and bowels. Dr. Peter Fahrney & Sons Co. 377,475–6, May 7, 1940. Republished Apr. 6.
Preparation for the treatment of diseases and affections of the skin. Chicago Pharmacal Company. 235,988, renewed Nov. 29, 1947. O. G. Apr. 6.
Preparations for treating and coloring eyelashes and eyebrows. Elmo, Inc. 238,237, Jan. 31, 1928. Republished Apr. 6.
Preparation for use in treatment of eczema, etc. A. Spiros. 438,024, Apr. 6; Serial No. 517,746, published Sept. 16, 1947.
Preparations for use in treatment of water and steam for the purpose of preventing corrosion. Elgin Softener Corporation. 423,751, Sept. 10, 1946. Republished Apr. 6.
Remedies for the relief of kidney, bladder and liver troubles. E. C. DeWitt & Company. 68,905, re-renewed May 5, 1948. O. G. Apr. 6.
Remedy for indigestion. Wrights Indian Vegetable Pill Company. 68,964, re-renewed May 12, 1948. O. G. Apr. 6.
Remedy for skin irritations for animals. E. W. Klump. 500,044, Apr. 6; Serial No. 506,324.

Shampoo. The Procter & Gamble Company. 406,680, Apr. 18, 1944. Republished Apr. 6.
Shampoo, scalp shampoo, scalp lotion, and hair dressing, Hair. L. G. Phillips. 488,143, Apr. 6; Serial No. 521,028.
Shampoos, permanent waving solutions, and hair creme. Bahr's, Inc. 437,957, Apr. 6; Serial No. 507,878, published Jan. 13, 1948.
Sodium hyposulphite in crystal form. Mallinckrodt Chemical Works. 500,033, Apr. 6; Serial No. 526,937, published Jan. 13, 1948.
Solution of acetylsalicylic acid. A. G. Tyler, Inc. 438,089, Apr. 6; Serial No. 523,492, published Jan. 6, 1948.
Streptomycin preparation. Chas. Pfizer & Co., Inc. 500,030, Apr. 6; Serial No. 526,914, published Jan. 13, 1948.
Tonics and remedies. Fratelli Ramazzotti, Societa Anonima. 236,435, renewed Dec. 13, 1947. O. G. Apr. 6.
Weed killing compositions. Chapman-Gilbert C., Inc. 500,047, Apr. 6; Serial No. 516,671.

CLASS 8

Cigarette cases. Cleevelandt Corporation. 437,898, Apr. 6; Serial No. 486,984, published Dec. 4, 1945.
Tobacco-pouches. Wm. Warne & Co. Limited. 67,004, re-renewed Jan. 7, 1948. O. G. Apr. 6.

CLASS 10

Fertilizer. Naco Fertilizer Company. 438,043, Apr. 6; Serial No. 519,615, published Jan. 13, 1948.
Fertilizer. Naco Fertilizer Company. 438,055, Apr. 6; Serial No. 520,781, published Jan. 13, 1948.

CLASS 11

Carbon papers and typewriter ribbons. Kee Lox Manufacturing Company. 387,505–6, May 20, 1941. Republished Apr. 6.
Hectograph transfer moistening fluid. Copy-Plus, Inc. 438,033, Apr. 6; Serial No. 518,660, published Jan. 13, 1948.

CLASS 12

Asbestos boards, asbestos sheets, asbestos lumber, etc. Keasbey & Mattison Company. 402,277, July 13, 1943. Republished Apr. 6.
Asbestos cements, asbestos papers, asbestos mill board, etc. Keasbey & Mattison Company. 374,726, Jan. 23, 1940. Republished Apr. 6.
Asphalt compounded with other ingredients for use in producing a cement. The Presstite Engineering Company. 282,593, Apr. 28, 1931. Republished Apr. 6.
Building boards, insulating and sound deadening boards, composition boards, etc., Fire resistant. Keasbey & Mattison Company. 378,028, May 21, 1940. Republished Apr. 6.
Cementitious material. Howe & French, Inc. 370,950, Sept. 12, 1948. Republished Apr. 6.
Houses, engine houses, bull-wheel houses, etc., Belt. Parkersburg Rig and Reel Company, The. 237,551, Jan. 10, 1928. Republished Apr. 6.
Insulating material, Fibrous acoustical. Armstrong Cork Company. 395,473, May 26, 1942. Republished Apr. 6.
Lime. Woodville Lime Products Company. 233,048, Sept. 20, 1927. Republished Apr. 6.
Poles, Treated wood. Page & Hill Co. 407,792, June 27, 1944. Republished Apr. 6.

CLASS 13

Bale ties. Keystone Steel & Wire Company. 234,403, Oct. 25, 1927. Republished Apr. 6.
Bowls, and molded plastic handles, Aluminum and stainless steel upper. Hill-Shaw Company. 417,471, Oct. 30, 1945. Republished Apr. 6.
Caster wheels, Furniture. Bassick Company. 395,433, May 26, 1942. Republished Apr. 6.
Casters. Bassick Company. 149,347–8, Dec. 13, 1921. Republished Apr. 6.
Casters. Bassick Company. 150,727, Jan. 10, 1922. Republished Apr. 6.
Cookware, Cast aluminum non-electric. Advance Aluminum Castings Corp. 437,952, Apr. 6; Serial No. 507,227, published Jan. 13, 1948.
Couplings, Pipe. Victaulic Company of America. 438,012, Apr. 6; Serial No. 516,515, published Jan. 13, 1948.
Fence, Wire. Keystone Steel & Wire Company. 238,257, Jan. 31, 1928. Republished Apr. 6.
Heel braces, shoe nails, etc., Shoe. Adler Bros. Lace Corp. 438,107, Apr. 6; Serial No. 525,754, published Jan. 13, 1948.
Nails. Keystone Steel & Wire Company. 233,175, Sept. 27, 1927. Republished Apr. 6.
Pipe and tubing, Plastic. Federal Electric Company, Inc. 418,882, Jan. 15, 1946. Republished Apr. 6.
Pots, kettles, tea kettles, etc. Wagner Manufacturing Company. 211,388, Apr. 13, 1926. Republished Apr. 6.
Strainers intended primarily for fruit juices and the like, Metal. California Fruit Growers Exchange. 437,991, Apr. 6; Serial No. 514,408, published Jan. 13, 1948.
Urns, Coffee. Continental Coffee Company, Inc. 391,965, Dec. 2, 1941. Republished Apr. 6.

CLASS 14

Bars, blocks, disks, etc., Steel. Firth-Sterling Steel Company. 238,319, renewed Feb. 7, 1948. O. G. Apr. 6.
Bars, steel disks, forgings, etc., Steel. Firth-Sterling Steel Company. 238,338, renewed Feb. 7, 1948. O. G. Apr. 6.
Castings and forgings, Ferrous metal. International Harvester Company. 369,959, Aug. 8, 1939. Republished Apr. 6.
Castings comprising parts for power transmission machinery. Dodge Manufacturing Corporation. 419,588, Feb. 26, 1946. Republished Apr. 6.
Steel, alloy steel, semisteel, etc., Carbon. Symington-Gould Corporation. 397,914, Sept. 29, 1942. Republished Apr. 6.
Steel, Die and tool. Kloster Steel Corporation. 395,921, June 16, 1942. Republished Apr. 6.
Wire, Galvanized stapling. Acme Steel Company. 233,751, Oct. 11, 1927. Republished Apr. 6.
Wire, Welding. Williams and Company, Inc. 234,322, Oct. 25, 1927. Republished Apr. 6.

CLASS 15

Oil, Lubricating. Pure Oil Company. 396,570, July 28, 1942. Republished Apr. 6.
Oils, Lubricating. Pure Oil Company. 254,907, Apr. 2, 1929. Republished Apr. 6.

CLASS 16

Cast for wood, cement, plaster or brick, and for a filler, sealer, and grain raising inhibition for lumber and plywood, Under or priming. I. F. Laucks, Inc.. 349,406, Aug. 24, 1937. Republished Apr. 6.
Lacquers, Cellulose-ester. Röhm & Haas Company. 232,759, Sept. 13, 1927. Republished Apr. 6.
Lacquers, lacquer enamels, stains, etc. Egyptian Lacquer Manufacturing Company. 237,410, renewed Jan. 10, 1848. O. G. Apr. 6.
Lacquers, prepared shellac substitutes, and varnishes, Brushing. True-Tagg Paint Company. 235,850, Nov. 29, 1927. Republished Apr. 6.
Paint, Paste. Morgan Company. 235,296, Nov. 15, 1927. Republished Apr. 6.
Paints, and asphaltic priming and sealing paints, Asphaltic. Cork Import Corporation. 417,619, Nov. 6, 1945. Republished Apr. 6.
Paints, Ready mixed dry, paste, and powdered. I. F. Laucks, Inc. 350,790, Oct. 5, 1937. Republished Apr. 6.
Wax for polishing floors, woodwork, etc., Prepared liquid. Davies-Young Soap Company. 391,784, Nov. 25, 1941. Republished Apr. 6.

CLASS 17

Tobacco, Chewing. R. C. Owen Company. 438,059, Apr. 6; Serial No. 521,277, published Jan. 13, 1948.
Tobacco, Natural-leaf twist. R. C. Owen Company. 438,060, Apr. 6; Serial No. 521,283, published Jan. 13, 1948.
Tobacco, Plug cut chewing. P. Lorillard Company. 438,106, Apr. 6; Serial No. 525,344, published Jan. 13, 1948.
Tobacco, Smoking. I. A. Rose. 438,103, Apr. 6; Serial No. 525,250, published Jan. 13, 1948.

CLASS 19

Airplanes. Piper Aircraft Corporation. 437,966, Apr. 6; Serial No. 510,025, published Nov. 25, 1947.
Brake drums and brake discs for automotive vehicles and other apparatus. Hunt-Spiller Manufacturing Corporation. 239,162, Feb. 21, 1928. Republished Apr. 6.

CLASS 20

Coverings of the linoleum type, Lightweight floor, wall and similar surface. Armstrong Cork Company. 423,610, Sept. 3, 1946. Republished Apr. 6.

CLASS 21

Accessories, Automobile. Jambor Tool & Stamping Co. 234,113, renewed Oct. 18, 1947. O. G. Apr. 6.
Apparatus for electrically recording sound upon wire, etc. Molded Insulation Company. 437,964–5, Apr. 6; Serial Nos. 509,784–5, published Dec. 23, 1947.
Attenuators, fixed resistors, slider resistors, etc. Clarostat Mfg. Co. Inc. 437,922, Apr. 6; Serial No. 499,484, published Dec. 23, 1947.
Batteries and separator plates for storage batteries, Storage. Globe-Union Inc. 351,355, Oct. 26, 1937. Republished Apr. 6.
Batteries, Storage. Nickel Cadmium Battery Corporation. 437,997, Apr. 6; Serial No. 515,126, published Jan. 6, 1948.
Cable, Electrical. American Phenolic Corporation. 403,807, Oct. 10, 1943. Republished Apr. 6.
Connectors for securing cables or conduits to outlet boxes or connection bores. Appleton Electric Company. 386,447, June 20, 1939. Republished Apr. 6.
Crystals and holders, Piezo electric. Reeves Hoffman Corporation. 437,088, Apr. 6.

Electrical apparatus. Mutual-Sunset Manufacturing Co., Inc. 438,100, Apr. 6; Serial No. 524,614, published Jan. 13, 1948.
Electrolytic capacitors, Dry. Solar Manufacturing Corporation. 437,971, Apr. 6; Serial No. 510,901, published Jan. 6, 1948.
Generating sets, Electric light and power. Budn Company. 260,926, Sept. 3, 1929. Republished Apr. 6.
Governors for motors, Electrical. Dynamatic Corporation. 390,430, Sept. 23, 1941. Republished Apr. 6.
Heaters, Electrical. E. M. Walker. 438,025, Apr. 6; Serial No. 517,937, published Jan. 6, 1948.
Iron oxide, granulated magnetic, for use in the production of magnetic cores, etc. Foote Mineral Company. 437,962, Apr. 6; Serial No. 508,471, published Dec. 23, 1947.
Irons, Electric soldering. Hexacon Electric Company. 438,063, Apr. 6; Serial No. 521,332, published Jan. 6, 1948.
Lamp shades, Electric. P. H. Humphreys. 438,064, Apr. 6; Serial No. 521,450, published Jan. 6, 1948.
Lamp shades, Electric. S. J. Schwartz. 437,992, Apr. 6; Serial No. 514,435, published Jan. 6, 1948.
Lighting equipment and more particularly light fixtures, Electric. E. F. Guth Company. 392,634, Jan. 6, 1942. Republished Apr. 6.
Louvers. Day-Brite Lighting, Inc. 438,093, Apr. 6; Serial No. 524,059, published Dec. 23, 1947.
Motors, Electric. Dynamatic Corporation. 361,642, Oct. 25, 1938. Republished Apr. 6.
Motors, Electric. Dynamatic Corporation. 365,866, Mar. 21, 1939. Republished Apr. 6.
Motors, electrical brakes, electrical switches, etc., Electrical. Harnischfeger Corporation. 409,963, Oct. 31, 1944. Republished Apr. 6.
Pots and percolators, electric dishwashing machines, etc., Electric coffee and tea. Buckley, Newhall Company. 241,979, renewed May 8, 1948. O. G. Apr. 6.
Radio and television receiving, sets and parts thereof, Coin operated. Telecoin Corporation. 438,053, Apr. 6; Serial No. 520,656, published Jan. 6, 1948.
Radio apparatus and parts thereof. Buckley, Newhall Company, The. 241,985, renewed May 8, 1948. O. G. Apr. 6.
Radio, phonograph and television receiving sets, Electric. Colma Built Radio Company. 438,058, Apr. 6; Serial No. 521,176, published Jan. 13, 1948.
Radio receiving sets, radio transmitting sets, etc. Aircraft and Mechanical Productions Limited. 437,901, Apr. 6; Serial No. 491,303, published Jan. 13, 1948.
Recording paper, Electrosensitive. Radio Inventions, Inc. 438,141, Apr. 6; Serial No. 506,611.
Resistors and electrical condensers, Electrical. Erie Resistor Corporation. 416,719, Sept. 25, 1945. Republished Apr. 6.
Separators, spout magnets, etc., Magnetic. Stearns Magnetic Mfg. Co. 438,027, Apr. 6; Serial No. 518,056, published Jan. 6, 1948.
Signs, Electrically illuminated advertising display. Ohio Advertising Display Company. 438,075, Apr. 6; Serial No. 521,994, published Jan. 6, 1948.
Socket for electronic tubes, Miniature. H. H. Eby, Inc. 437,999, Apr. 6; Serial No. 515,263, published Jan. 6, 1948.
Sockets; electric bushings; electric signs; etc., Electric. Federal Electric Company, Inc. 412,286, Feb. 27, 1945. Republished Apr. 6.
Solenoids, transformers, converters, and condensers, Electric. Automatic Products Company. 380,181, Aug. 13, 1940. Republished Apr. 6.
Switches, Electric foot. Burke & James, Inc. 437,894, Apr. 6; Serial No. 484,235, published Jan. 6, 1948.
Toaster for restaurants, hotels and the like, Electric. Savory Equipment, Inc. 437,970, Apr. 6; Serial No. 510,804, published Dec. 23, 1947.
Toasters, Electric. Radiron Corporation. 438,127, Apr. 6; Serial No. 526,329, published Dec. 30, 1947.
Welding torches and parts thereof, Electric. Linde Air Products Company. 437,895, Apr. 6; Serial No. 485,226, published Jan. 13, 1948.

CLASS 22

Automobiles, Miniature. Fleet Products Inc. 438,056, Apr. 6; Serial No. 520,800, published Jan. 6, 1948.
Bait casting fishing lines. Norwich Line Company, Inc. 437,976, Apr. 6; Serial No. 511,284, published Jan. 6, 1948.
Blocks and pieces to be assembled to simulate various objects, etc. J. Kuna. 437,914, Apr. 6; Serial No. 497,483, published Jan. 6, 1948.
Bubble solution and device for making bubbles. Fairy Dew Company. 437,975, Apr. 6; Serial No. 511,075, published Dec. 23, 1947.
Cases and plastic cases, Fly rod. Jorus Company. 437,917, Apr. 6; Serial No. 498,423, published Dec. 9, 1947.
Christmas stockings, Cellophane. Star Band Co. Inc. 438,061, Apr. 6; Serial No. 521,294, published Jan. 6, 1948.
Darts, dart flights, dart canes, etc. Unicorn Products Limited. 437,933, Apr. 6; Serial No. 502,355, published Jan. 6, 1948.
Direction indicating attachments for golf clubs. C. F. Forsell. 437,916, Apr. 6; Serial No. 498,278, published Jan. 6, 1948.
Dolls. A. M. Danzig. 437,947, Apr. 6; Serial No. 506,650, published Jan. 6, 1948.
Dolls. International Doll Company, Inc. 437,946, Apr. 6; Serial No. 506,601, published Dec. 2, 1947.
Dolls. Vanity Doll Company, Inc. 438,051, Apr. 6; Serial No. 520,244, published Jan. 6, 1948.
Dolls. Vogue Dolls, Inc. 438,038, Apr. 6; Serial No. 519,304, published Jan. 6, 1948.
Dolls and dolls' dresses. Majestic Doll & Toy Corp. 438,052, Apr. 6; Serial No. 520,407, published Jan. 6, 1948.
Dolls, toy animals, footballs and softballs. Victory Manufacturing Company. 437,954, Apr. 6; Serial No. 507,606, published Dec. 2, 1947.
Educational sets. Creato Products Company. 437,913, Apr. 6; Serial No. 497,374, published Dec. 2, 1947.
Fish lures. Whopper-Stopper Bait Company. 437,951, Apr. 6; Serial No. 507,177, published Dec. 2, 1947.
Fish trawls and accessories, Deep water. Deep Rig Trout Reel Co. 437,911, Apr. 6; Serial No. 496,896, published Jan. 6, 1948.
Fishing lines. Cortland Line Company, Inc. 438,135, Apr. 6; Serial No. 499,992.
Fishing-lines. Horton Manufacturing Company. 135,263, Sept. 28, 1920. Republished Apr. 6.
Fishing-lines. E. J. Martin Sons. 70,994, Oct. 20, 1908. Republished Apr. 6.
Fishing lines. Norwich Line Company, Inc. 437,982, Apr. 6; Serial No. 512,526, published Jan. 6, 1948.
Fishing-lines, steel shafts for golf clubs, fishing reels, and golf clubs. Horton Manufacturing Company. 303,259, May 16, 1933. Republished Apr. 6.
Fishing lures, Artificial. George & Son Mfg., Co. 438,068, Apr. 6; Serial No. 521,660, published Jan. 6.
Fishing reels. Langley Corporation. 500,029, Apr. 6; Serial No. 526,882, published Dec. 23, 1947.
Fishing rods, fishing rod bags, and fishing rod cases. Pepper Fishing Rod and Tackle Corporation. 437,983, Apr. 6; Serial No. 512,858, published Dec. 2, 1947.
Fishing rods, fishing rod handles, fishing rod cases, etc. American Fork & Hoe Company. 383,070, Nov. 19, 1940. Republished Apr. 6.
Footballs, baseball gloves, golf balls, etc. Shapiro Distributing Co. 438,073, Apr. 6; Serial No. 521,962, published Jan. 6, 1948.
Game of skill in which a golf ball is driven into scoring receptacles with a golf club. M. D. May. 437,993, Apr. 6; Serial No. 514,550, published Jan. 6, 1948.
Game played with cards. Sterling Offset Company. 437,938, Apr. 6; Serial No. 505,081, published Dec. 23, 1947.
Games, Coin actuated amusement. D. D. Levitt. 438,026, Apr. 6; Serial No. 518,015, published Jan. 6, 1948.
Games played with boards and movable game pieces. A. Barrett. 437,986, Apr. 6; Serial No. 513,155, published Jan. 6, 1948.
Golf ball tees. Swivel Tee, Inc. 500,049, Apr. 6; Serial No. 526,519.
Golf clubs. Sporting Goods, Inc. 438,020, Apr. 6; Serial No. 517,210, published Jan. 6, 1948.
Jumping sticks. Foulk Engineering Company, The. 437,906, Apr. 6; Serial No. 494,667, published Jan. 6, 1948.
Playing cards, chess, checkers, etc. Abercrombie & Fitch Company. 240,424, renewed Mar. 27, 1948. O. G. Apr. 6.
Poker chips. Tupper Corporation. 500,050, Apr. 6; Serial No. 528,839.
Pull-toys with hopping action. United Manufacturers, Inc. 437,961, Apr. 6; Serial No. 508,455, published Dec. 2, 1947.
Rackets, Tennis and badminton. Bentley-Wilson Inc. 437,967, Apr. 6; Serial No. 510,157, published Dec. 23, 1947.
Spoon-baits, Fluted. M. E. Skinner. 69,003, re-renewed May 12, 1948. O. G. Apr. 6.
Tennis balls. Hungarian Rubber Goods Factory Limited, The. 438,042, Apr. 6; Serial No. 519,582, published Jan. 6, 1948.
Toy and educational blocks. Emmett Manufacturing Company. 437,981, Apr. 6; Serial No. 511,867, published Jan. 6, 1948.
Toy animals. Flying Tigers (American Volunteer Group-Chinese Air Force) Incorporated. 437,943, Apr. 6; Serial No. 506,024, published Jan. 6, 1948.
Toy hobby horses. A. L. Walt, Jr., doing business as Walt Manufacturing Co. 437,905, Apr. 6; Serial No. 493,704, published Dec. 9, 1947.
Toy spinning tops. Copar Industries. 437,945, Apr. 6; Serial No. 506,158, published Dec. 2, 1947.
Toy stuffed elephants. D. M. Pierce. 500,045, Apr. 6; Serial No. 508,857.
Toy, Whirling. P. A. Drummond, doing business as Drummond Specialty Company. 437,929, Apr. 6; Serial No. 501,242, published Dec. 2, 1947.
Toys, wood action toys, etc., Wood pull. Hardwood Toy Manufacturing Corporation. 437,904, Apr. 6; Serial No. 493,119, published Jan. 6, 1948.

CLASS 23

Aprons, Leather textile. Henry K. Barnes Company. 394,490, Apr. 7, 1942. Republished Apr. 6.
Carburetors and accessories therefor. Bendix Aviation Corporation. 398,195, Oct. 13, 1942. Republished Apr. 6.
Carburetors, governors, and accessories therefor. Bendix Aviation Corporation. 401,472, May 18, 1943. Republished Apr. 6.
Clippers, bolt cutters, and nut splitters, Wire. Carolus Manufacturing Company. 235,882, Nov. 29, 1927. Republished Apr. 6.
Cotton-ginning machinery. Gullett Gin Co. 238,026, Jan. 24, 1928. Republished Apr. 6.
Derricks, walking beams, crown blocks, etc. Parkersburg Rig and Reel Company, The. 233,888, Oct. 11, 1927. Republished Apr. 6.
Dishwashing machines. Fearless Dishwasher Company, Inc. 236,676, renewed Dec. 20, 1947. O. G. Apr. 6.
Harness straps, lug straps, loop pickers, etc., Loom. Gates Rubber Company. 409,815, Oct. 24, 1944. Republished Apr. 6.
Jacks, Hydraulic. W. M. Dudgeon. 65,063, Sept. 3, 1907. Republished Apr. 6.
Jacks, Hydraulic. W. M. Dudgeon. 65,066, Sept. 3, 1907. Republished Apr. 6.
Jacks, presses, pumps, etc., Hydraulic. R. Dudgeon, Inc. 238,140, Jan. 31, 1928. Republished Apr. 6.
Knives, machine tools, twist drills, etc., Machine. Jno. Hy. Andrew & Co. Ld. 65,611, Oct. 8, 1907. Republished Apr. 6.
Lawn mowers. Eclipse Lawn Mower Co. 242,435, renewed May 22, 1948. O. G. Apr. 6.
Lawn mowers. Peter Henderson & Co. 66,207, Nov. 12, 1907. Republished Apr. 6.
Lubricating apparatus, Stationary. Lincoln Engineering Company. 286,785, Sept. 1, 1931. Republished Apr. 6, 1948.
Machine parts of copper base alloy, Wear resistant and corrosion resistant. Ampco Metal, Inc. 419,045, Feb. 5, 1946. Republished Apr. 6.
Pump shafts and poppet valves. Thompson Products, Inc. 235,942, renewed Nov. 29, 1947. O. G. Apr. 6.
Roll covers, Cork. Armstrong Cork Company. 391,300, Oct. 28, 1941. Republished Apr. 6.
Saw blades, Hack. E. C. Atkins and Company. 388,869. July 15. 1941. Republished Apr. 6.
Sprayers, Manually controlled automatic. Westinghouse Electric Corporation. 500,023, Apr. 6; Serial No. 481,506, published Dec. 2, 1947.
Tool handles, Wooden. Turner Day & Woolworth Handle Company. 200,447–52, June 30, 1925. Republished Apr. 6.
Tool handles, Wooden. Turner, Day & Woolworth Handle Company. 201,030, July 14, 1935. Republished Apr. 6.
Tool handles, Wooden. Turner Day & Woolworth Handle Company. 202,788–9, Sept. 1, 1925. Republished Apr. 6.
Tools, Hand. American Fork and Hoe Company, The. 374,759, Jan. 23, 1940. Republished Apr. 6.
Tractors. International Harvester Company. 374,801, Jan. 23, 1940. Republished Apr. 6.
Valves, Automatic mechanical water-unloading. Gray Company, Inc. 423,547, Sept. 3, 1946. Republished Apr. 6.
Wrenches. Mossberg Company. 64,165, re-renewed July 30, 1947. O. G. Apr. 6.
Yarn carriers and yarn carrier tubes and yarn carrier fingers. Ernest A. Feustel, Inc. 391,257, Oct. 28, 1941. Republished Apr. 6.

CLASS 24

Clothespins, Plastic. Mastro Plastics Corp. 500,043, Apr 6; Serial No. 506,118.
Garment finisher, Steam. New Way Co., Inc. 437,935, Apr. 6; Serial No. 503,924, published Jan. 13, 1948.
Ironers, Garment pocket. Leef Bros., Inc. 383,992, Dec. 31, 1940. Republished Apr. 6.
Washing machines, Laundry. Altorfer Bros. Company. 235,362, Nov. 15. 1927. Republished Apr. 6.

CLASS 26

Drafting machines and drawing instruments comprising compasses dividers, bow compasses, etc. V. & E. Engineering Co. 396,655, July 28, 1942. Republished Apr. 6.
Drawing instruments. V. & E. Engineering Co. 399,580, Jan. 19, 1943. Republished Apr. 6.
Frames, lenses, and ophthalmic mountings, Optical. M. Jacoby. 437,940, Apr. 6; Serial No. 505,304, published Jan. 6, 1948.
Gauges, Liquid level. W. S. Krueger. 437,989, Apr. 6; Serial No. 513,890, published Jan. 6, 1948.
Glasses, eye glasses, goggles, etc., Sun. Zenith Optical Mfg. Co. 437,985, Apr. 6; Serial No. 513,091, published Sept. 9, 1947.
Glasses, Sun. American Spectacle Co., Inc. 438,008, Apr. 6; Serial No. 516,246, published Jan. 6, 1948.
Hygrometers, thermostats, humidity conditioning control units, etc. Automatic Products Company. 380,180, Aug. 13, 1940. Republished Apr. 6.
Indicators, Liquid level. Penberthy Injector Company. 438,003, Apr. 6; Serial No. 515,678, published Jan. 13, 1948.
Instruments for testing electronic tubes, etc. Precision Apparatus Company, Inc. 438,006, Apr. 6; Serial No. 515,790, published Jan. 6, 1948.
Lenses and lens mountings, Camera. Wollensak Optical Company. 365,404, Mar. 7, 1939. Republished Apr. 6.
Measuring instruments, Electrical. Associated Research, Incorporated. 437,984, Apr. 6; Serial No. 513,017, published Jan. 6, 1948.
Photographic goods. General Aniline & Film Corporation. 378,951, June 25, 1940. Republished Apr. 6.
Photographic material, Light-sensitive. General Aniline & Film Corporation. 385,672–3, Mar. 11, 1941. Republished Apr. 6.
Photographic material, Light-sensitive. General Aniline & Film Corporation. 388,782, July 8, 1941. Republished Apr. 6.
Photographic paper, Sensitized. General Aniline and Film Corporation. 409,390, Oct. 3, 1944. Republished Apr. 6.
Projectors, cameras, etc., Motion picture. Associated Newsreels Corp. 438,130, Apr. 6; Serial No. 485,041.
Regulating and controlling instruments, Temperature and draft. Honeywell Heating Specialties Company. 188,577, Sept. 2, 1924. Republished Apr. 6.
Taxi-meter. Cabometer, Inc. 438,133, Apr. 6; Serial No. 496,604.
Thermo-responsive control apparatus. Gray Marine Motor Company. 438,009, Apr. 6; Serial No. 516,273, published Jan. 6, 1948.
Thermostatic control for heating apparatus, Electrically actuated. L. J. Mueller Furnace Company. 409,153, Sept. 19, 1944. Republished Apr. 6.

CLASS 27

Watches and parts of watches. Leonidas Watch Factory Vve. Constant Jeanneret-Droz. 226,196, renewed Apr. 5, 1947. O. G. Apr. 6.

CLASS 28

Collar stays. Crest Specialty Company. 403,814, Oct. 19, 1943. Republished Apr. 6.
Flatware and hollow ware. Watson Company. 370,313, Aug. 22, 1939. Republished Apr. 6.

CLASS 29

Brushes and whisks and leather cases, Clothes. L. E. Goeller. 237,292, Jan. 3, 1928. Republished Apr. 6.

CLASS 30

Boxes, trays, and dishes, Miniature porcelain. Elfinware, Inc. 437,998, Apr. 6; Serial No. 515,166, published Jan. 13, 1948.
Chinaware. C. R. Fajans. 438,067, Apr. 6; Serial No. 521,573, published Dec. 16, 1947.
Chinaware, Vitrified. Nilonk Pottery & Tile Company. 438,076, Apr. 6; Serial No. 521,996, published Jan. 13, 1948.

CLASS 31

Coolers, Beverage. Pepsi-Cola Company. 369,426, July 25, 1939. Republished Apr. 6.
Filters. Business Collaborators, Incorporated. 391,695, Nov. 18, 1941. Republished Apr. 6.
Filters and refrigerator units. Broquinda, Inc. 374,138, Jan. 2, 1940. Republished Apr. 6.
Filters and water softeners. Universal Water Softener Co. 353,666, Jan. 11, 1938. Republished Apr. 6.

CLASS 33

Glasses, Beverage. E. W. Newton. 438,066, Apr. 6; Serial No. 521,459, published Jan. 13, 1948.
Tumblers, glass tableware, etc., Glass. Federal Glass Company. 437,890, Apr. 6; Serial No. 477,266, published Dec. 16, 1947.
Tumblers, wine glasses, water glasses, etc. Glasvaerk, Akts. Holmegaards. 437,994, Apr. 6; Serial No. 514,585, published Jan. 6, 1948.

CLASS 34

Barbecue using solid fuel, Portable. Ranch House. 437,926–7, Apr. 6; Serial Nos. 500,127–8, published Dec. 30, 1947.
Boilers fired by gun type oil burners. Harvey-Whipple, Incorporated. 437,899, Apr. 6; Serial No. 488,089, published Dec. 30, 1947.
Boilers, Oil fired. Ludlow Welding Co. Inc. 437,942, Apr. 6; Serial No. 505,967, published Dec. 30, 1947.
Boilers, Oil fired. Ludlow Welding Co. Inc. 437,963, Apr. 6; Serial No. 508,662, published Dec. 30, 1947.
Equipment for dehumidification and/or air sterilization, etc. Rogers Diesel and Aircraft Corporation. 437,918, Apr. 6; Serial No. 498,861, published Dec. 23, 1947.
Fans, Coal mining and ventilating. Joy Manufacturing Company. 437,928, Apr. 6; Serial No. 500,543, published Dec. 23, 1947.

Fill and vent covers, Oil. Preisinger & Svabek Engineering Co., Inc. 438,014, Apr. 6; Serial No. 516,722, published Dec. 30, 1947.
Furnaces, Gas. L. J. Mueller Furnace Company. 408,491, Aug. 15, 1944. Republished Apr. 6.
Gas burners for use in household heating apparatus, Conversion. Ken-Joy Mfg., Inc. 438,010, Apr. 6; Serial No. 516,294, published Dec. 30, 1947.
Globes and reflectors and combination glass and metal globes and reflectors, Metal. Miller Company. 437,921, Apr. 6; Serial No. 499,425, published Dec. 23, 1947.
Heaters and parts and accessories thereof, Water. C. F. Woodmansee. 437,941, Apr. 6; Serial No. 505,787, published Jan. 6, 1948.
Heating equipment in which wood and/or coal is used for fuel. Favorite Stove Company. 399,857, Feb. 2, 1943. Republished Apr. 6.
Heating, force circulating and ventilating systems, Warm-air. P. H. Magirl Foundry & Furnace Works. 240,642, renewed Apr. 3, 1948. O. G. Apr. 6.
Lamp shades. J. W. Bleshman. 437,910, Apr. 6; Serial No. 496,602, published Jan. 6, 1948.
Lamp shades. Crest Company. 241,996, renewed May 8, 1948. O. G. Apr. 6.
Lighters, Pyrophoric cigar and cigarette. Bernard-Murray Co. 437,931, Apr. 6; Serial No. 501,709, published Dec. 30, 1947.
Lighters, Pyrophoric cigarette. Drum Company, Inc. 438,022, Apr. 6; Serial No. 517,409, published Dec. 30, 1947.
Lighters, Waterproof pyrophoric. Commodities Corporation of Ohio. 437,968, Apr. 6; Serial No. 510,484, published Dec. 30, 1947.
Ranges, gas space heaters, etc., Gas. Fuelane Corporation. 438,090, Apr. 6; Serial No. 523,774, published Dec. 30, 1947.
Resin and plastic bases, etc., Molded and cast, natural and synthetic. Imperial Molded Products Corporation. 437,912, Apr. 6; Serial No. 497,102, published Jan. 6, 1948.
Stoves, Combination gas and steam cooking. Vendo Company. 437,908, Apr. 6; Serial No. 496,002, published Dec. 16, 1947.
Stoves, Combination gas and steam cooking. Vendo Company. 437,909, Apr. 6; Serial No. 496,413, published Dec. 16, 1947.
Stoves, Gasoline burning cooking. American Gas Machine Company. 437,990, Apr. 6; Serial No. 514,164, published Dec. 30, 1947.

CLASS 35

Linings and facings; brake facings; clutch and brake friction members, Clutch. S. K. Wellman Company. 411,420, Jan. 16, 1945. Republished Apr. 6.
Packings and gaskets. Keasbey & Mattison Company. 376,173, Mar. 12, 1940. Republished Apr. 6.
Packings, Asbestos. Keasbey & Mattison Company. 365,950, Mar. 21, 1939. Republished Apr. 6.
Piston rings, piston ring expanders, and valve packing. Wilkening Manufacturing Company. 359,872, Aug. 30, 1938. Republished Apr. 6.
Tires and tubes, Automobile. General Tire & Rubber Company. 372,525, Oct. 31, 1939. Republished Apr. 6.
Tires, Pneumatic. General Tire & Rubber Company. 391,520, Nov. 11, 1941. Republished Apr. 6.
Tires, Pneumatic. General Tire & Rubber Company. 391,522, Nov. 11, 1941. Republished Apr. 6.

CLASS 37

Bedding, including disposable bed sheeting, etc., Disposal. E. E. Poor, Jr. 438,021, Apr. 6; Serial No. 517,338, published Jan. 13, 1948.
Binders, Loose-leaf-book. Heinn Company. 235,032–3, Nov. 8, 1927. Republished Apr. 6.
Blank forms. Acme Visible Records, Inc. 412,278, Feb. 27, 1945. Republished Apr. 6.
Card indexes, guide cards. Duradex Company. 241,209, renewed Apr. 17, 1948. O. G. Apr. 6.
Cards or guides, Index. Western Tablet & Stationery Corporation. 438,113, Apr. 6; Serial No. 526,086, published Dec. 23, 1947.
Document-files. Globe-Wernicke Company. 63,706, July 2, 1907. Republished Apr. 6.
Easels for holding small pictures, stationery, etc., Cardboard. Brethren in Christ Publication Board, Inc. 437,925, Apr. 6; Serial No. 500,050, published Dec. 30, 1947.
Fruit wraps, Tissue. Crown Zellerbach Corporation. 423,569, Sept. 3, 1946. Republished Apr. 6.
Holders, Copy. Bankers Box Company. 437,988, Apr. 6; Serial No. 513,797, published Dec. 30, 1947.
Napkins, plain, embossed, and cocktail; table covers; household; etc. Zellerbach Paper Company. 388,541, July 1, 1941. Republished Apr. 6.
Paper, Adding-machine. Central Paper Company. 152,366, Feb. 28, 1922. Republished Apr. 6.
Paper and envelopes and memorandum blanks, etc., Writing. Sigma Nu Fraternity. 241,565–8, renewed May 1, 1948. O. G. Apr. 6.
Paper article. International Cellucotton Products Co. 408,618, Aug. 22, 1944. Republished Apr. 6.
Paper, Book. Kimberly-Clark Corporation. 387,357, May 31, 1941. Republished Apr. 6.
Paper coated with polyvinylidine chloride. Decora Corporation. 438,095, Apr. 6; Serial No. 524,112, published Jan. 6, 1948.
Paper dollies. Warren G. Althoff. 500,035, Apr. 6; Serial No. 527,059, published Jan. 13, 1948.
Paper for meat, Wrapping. Crown Zellerbach Corporation. 374,658, Jan. 23, 1940. Republished Apr. 6.
Paper in boxes and otherwise, cardboard, wrapping paper printed and unprinted, Writing. Fredart Stationery Company. 437,907, Apr. 6; Serial No. 495,876, published Jan. 13, 1948.
Paper, Loose writing. Western Tablet & Stationery Corporation. 438,111, Apr. 6; Serial No. 526,024, published Jan. 6, 1948.
Paper, Loose writing. Western Tablet & Stationery Corporation. 438,117–18, Apr. 6; Serial Nos. 526,111–12, published Jan. 6, 1948.
Paper, Loose writing. Western Tablet & Stationery Corporation. 438,119, Apr. 6; Serial No. 526,117, published Jan. 6, 1948.
Paper, Loose writing. Western Tablet & Stationery Corporation. 438,121, Apr. 6; Serial No. 526,130, published Jan. 13, 1948.
Paper, Loose writing. Western Tablet & Stationery Corporation. 438,122, Apr. 6; Serial No. 526,138, published Jan. 13, 1948.
Paper napkins. Silkin Paper Corporation. 387,500, May 20, 1941. Republished Apr. 6.
Paper, paper towels, paper napkins, etc., Toilet. Fort Howard Paper Company. 235,462, Nov. 22, 1927. Republished Apr. 6.
Paper products. Holes-Webway Co. 437,930, Apr. 6; Serial No. 501,252, published Jan. 13, 1948.
Paper, Toilet. Hoberg Paper & Fibre Company. 234,041, Oct. 18, 1927. Republished Apr. 6.
Paper, Wrapping. Anchor Paper Company. 437,996, Apr. 6; Serial No. 514,929, published Dec. 30, 1947.
Paper, Wrapping. Crown Zellerbach Corporation. 391,182, Oct. 28, 1941. Republished Apr. 6.
Papeteries. Western Tablet & Stationery Corporation. 438,123, Apr. 6; Serial No. 526,164, published Dec. 23, 1947.
Pens and fountain pens, Ball point. Jack Galter. 438,062, Apr. 6; Serial No. 521,321, published Dec. 9, 1947.
Pens, Fountain. Parker Pen Company. 155,044, May 16, 1922. Republished Apr. 6.
Pens, Fountain. Skater Manufacturing Co. Inc. 438,040, Apr. 6; Serial No. 519,350, published Jan. 13, 1948.
Pens, mechanical pencils, and desk sets, Fountain. Parker Pen Company. 374,445–6, Jan. 9, 1940. Republished Apr. 8.
Sealing material, Gummed. Crown Zellerbach Corporation. 377,289, Apr. 30, 1940. Republished Apr. 6.
Sealing material, Gummed. Crown Zellerbach Corporation. 377,331, Apr. 30, 1940. Republished Apr. 6.
Sharpeners, Pencil. William R. Jalof. 438,034, Apr. 6; Serial No. 518,682, published Dec. 30, 1947.
Signals, File. George B. Graff Company. 379,412, July 9, 1940. Republished Apr. 6.
Tablets and envelopes, Paper. Western Tablet & Stationery Corporation. 438,108, Apr. 6; Serial No. 525,997, published Dec. 23, 1947.
Tablets, and loose writing paper, Paper. Western Tablet & Stationery Corporation. 438,116, Apr. 6; Serial No. 526,100, published Dec. 2, 1947.
Tablets, loose writing paper, Paper. Western Tablet & Stationery Corporation. 438,120, Apr. 6; Serial No. 526,123, published Jan. 13, 1948.
Tablets, Paper. Western Tablet & Stationery Corporation. 438,109–10, Apr. 6; Serial No. 526,005–6, published Jan. 6, 1948.
Tablets, Paper. Western Tablet & Stationery Corporation. 438,112, Apr. 6; Serial No. 526,085, published Dec. 23, 1947.
Tablets, Paper. Western Tablet & Stationery Corporation. 438,114, Apr. 6; Serial No. 526,088, published Dec. 23, 1947.
Tablets, Paper. Western Tablet & Stationery Corporation. 438,115, Apr. 6; Serial No. 526,093, published Dec. 23, 1947.
Toilet tissue. International Cellucotton Products Company. 384,582, Jan. 21, 1941. Republished Apr. 6.
Wallpaper and wrapping paper. Folly Cove Designers. 438,011, Apr. 6; Serial No. 516,407, published Jan. 6, 1948.
Wrapper, Mailing. E. H. Roden. 437,891, Apr. 6; Serial No. 480,289, published Jan. 13, 1948.

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Booklets. Don Baxter, Inc. 500,037, Apr. 6; Serial No. 528,551, published Jan. 13, 1948.
Books or handbooks, Instruction. Sea Cadets of America. 438,013, Apr. 6; Serial No. 516,584, published Jan. 13, 1948.
Cards, Greeting. Brown & Bigelow. 235,054, Nov. 8, 1927. Republished Apr. 6.
Cards, Greeting. Hall Brothers, Inc. 438,072, Apr. 6; Serial No. 521,880, published Dec. 16, 1947.
Cards, Greeting. White & Wyckoff Mfg. Co. 438,054, Apr. 6; Serial No. 520,662, published Jan. 13, 1948.

Cartoon which appears in newspapers and magazines. Scott Brown. 438,080, Apr. 6; Serial No. 522,405, published Dec. 16, 1947.
Comic strip. Bastian-Blessing Company. 437,948, Apr. 6; Serial No. 506,914, published Dec. 30, 1947.
Feature column in a publication. Bastian-Blessing Company. 437,949, Apr. 6; Serial No. 506,915, published Dec. 30, 1947.
Guides and charts, Lubricating. Lube-X Systems, Inc. 500,041, Apr. 6; Serial No. 530,749, published Jan. 13, 1948.
Magazine, House-organ. Bemis Bro. Bag Company. 423,767, Sept. 10, 1946. Republished Apr. 6.
Magazine, Monthly. Marion Steam Shovel Company. 234,195, Oct. 18, 1927. Republished Apr. 6.
Magazine, Weekly. Sunday School Times Company. 236,719, Dec. 20, 1927. Republished Apr. 6.
Newspaper feature column. Tennessean Newspapers, Inc. 437,944, Apr. 6; Serial No. 506,066, published Jan. 13, 1948.
Periodical. Brown & Bigelow. 237,852, Jan. 17, 1928. Republished Apr. 6.
Periodical, Monthly. Golden Lotus Press. 438,028, Apr. 6; Serial No. 518,292, published Jan. 13, 1948.
Periodical or trade paper, Monthly printed. Preview Publishing Corp. 438,142, Apr. 6; Serial No. 509,300.
Publication, Monthly. International Publications, Inc. 235,721, renewed Nov. 22, 1947. O. G. Apr. 6.
Publication, Monthly. Rand McNally and Company. 232,989, Sept. 20, 1927. Republished Apr. 6.
Publication, Periodical. Press Research, Inc. 438,134, Apr. 6; Serial No. 497,330.
Publications, charts, and drawings. Natural Vision Equipment Corporation. 407,695, June 20, 1944. Republished Apr. 6.
Sheet music and music books. Rubank, Inc. 500,040, Apr. 6; Serial No. 529,933, published Jan. 13, 1948.
Title of a daily article of boxing news and comment in the world newspaper. Press Publishing Company. 229,717, renewed July 5, 1947. O. G. Apr. 6.

CLASS 39

Blouses, and blouse and slip combinations, Ladies' and misses'. J. A. Ayoub. 409,534, Oct. 10, 1944. Republished Apr. 6.
Coats, Women's. American Woolen Company. 403,976, Oct. 26, 1943. Republished Apr. 6.
Dresses, Women's and misses' cotton wash. Luv-Lee Frocks, Inc. 438,044, Apr. 6; Serial No. 519,757, published Dec. 30, 1947.
Dresses, Women's sport. Marshall Field & Company. 391,872, Nov. 25, 1941. Republished Apr. 6.
Garments, Women's, misses', children's outer. Byck Bros. & Company, Incorporated. 241,942, renewed May 8, 1948. O. G. Apr. 6.
Gloves, Leather. Hansen Glove Corporation. 375,504, Feb. 20, 1940. Republished Apr. 6.
Gloves, Leather. Hansen Glove Corporation. 384,884, Feb. 4, 1941. Republished Apr. 6.
Gloves, Leather. Hansen Glove Corporation. 423,739, Sept. 10, 1946. Republished Apr. 6.
Gloves, Rubber household. Armstrong Cork Company. 379,004, June 25, 1940. Republished Apr. 6.
Handkerchiefs. Peerless Wolfson Company. 409,564, Oct. 10, 1944. Republished Apr. 6.
Hats and caps. Rogers Peet Company. 121,006, Mar. 19, 1918. Republished Apr. 6.
Hats; men's lounging robes, Men's felt. Marshall Field & Company. 394,569, Apr. 1, 1942. Republished Apr. 6.
Hosiery. Durham Hosiery Mills. 376,795, Apr. 9, 1940. Republished Apr. 6.
Hosiery. Durham Hosiery Mills. 377,018, Apr. 16, 1940. Republished Apr. 6.
Hosiery. Durham Hosiery Mills. 423,321, Aug. 27, 1946. Republished Apr. 6.
Hosiery. Northmont Hosiery Corporation. 384,865, Feb. 4, 1948. Republished Apr. 6.
Hosiery. Richmond Hosiery Mills. 66,971, Jan. 7, 1908. Republished Apr. 6.
Hosiery. Rollins Hosiery Mills, Inc. 315,858, Aug. 14, 1934. Corrected. O. G. Apr. 6.
Hosiery. Standard Hosiery Mills. 237,971, renewed Jan. 24, 1948. O. G. Apr. 6.
Hosiery. A. V. Victorius & Company. 231,831, Aug. 30, 1927. Republished Apr. 6.
Neckties. M. & W. Thomas Co. 411,380, Jan. 16, 1945. Republished Apr. 6.
Overalls and the coats to match the same. Sweet Orr & Company. 68,459, re-renewed Apr. 7, 1948. O. G. Apr. 6.
Pajamas, nightshirts, and underwear. Amoskeag Pajama Co. Inc. 372,634. Nov. 7, 1939. Republished Apr. 6.
Shirts and sleeping pajamas, Men's outer. Marshall Field & Company. 394,302. Mar. 31, 1942. Republished Apr. 6.
Shirts, pajamas, and coats, Outer. Ovlatt's. 356,703, May 10, 1938. Republished Apr. 6.
Shoes. Craddock-Terry Company. 238,782, Feb. 14, 1928. Republished Apr. 6.
Shoes. Marshall Field & Company. 369,957, Aug. 8, 1939. Republished Apr. 6.
Shoes, Babies' and children's. Mrs. Day's Ideal Baby Shoe Company, Inc. 500,034, Apr. 6; Serial No. 526,966, published Jan. 6, 1948.
Shoes, Leather. Weyenberg Shoe Manufacturing Company. 373,490, Dec. 12, 1939. Republished Apr. 6.
Shoes made of leather, fabric and/or a combination of these materials. United States Shoe Corporation. 408,691, Aug. 29, 1944. Republished Apr. 6.
Shoes, Women's and children's. Erwin Shoe Co., Inc. 353,128, Dec. 28, 1937. Republished Apr. 6.
Shorts and pajamas, Men's. Marshall Field & Company. 394,673, Apr. 21, 1942. Republished Apr. 6.
Slips, nightgowns, etc., Women's, misses', and junior misses'. Beau-Art Lingerie Co. Inc. 438,035, Apr. 6; Serial No. 518,811, published Jan. 6, 1948.
Suits and overcoats, Men's and boys'. Rogers Peet Company. 372,660, Nov. 7, 1939. Republished Apr. 6.
Suits, negligee shirts, and leather gloves, Men's and boys'. R. J. Macartney Company. 237,849, renewed Jan. 17, 1948. O. G. Apr. 6.
Suits, overcoats, topcoats, etc., Men's. Moe Levy & Son, Inc. 385,002, Feb. 11, 1941. Republished Apr. 6.
Suits, overcoats, topcoats, etc., Men's. Moe Levy & Son, Inc. 387,344, May 13, 1941. Republished Apr. 6.
Suits, raincoats, top coats, etc., Men's, women's, and children's. London, Midland & Scottish Imports, Ltd. 350,733, Oct. 5, 1937. Republished Apr. 6.
Suits, wraps, dresses, cloaks, and coats, Ladies', misses', and children's. Sorority Frocks, Inc. 438,032, Apr. 6; Serial No. 518,488, published Dec. 30, 1947.
Suspenders, braces, and supporters. Pioneer Suspender Company. 374,160, Jan. 2, 1940. Republished Apr. 6.
Suspenders, braces, garters, and trouser belts, Men's. Pioneer Suspender Company. 398,245, Oct. 20, 1942. Republished Apr. 6.
Sweaters, T-shirts, overall sets, creepers, two-piece suits, Juvenile. Manchester Knitted Fashions, Inc. 411,127, Jan. 2, 1945. Republished Apr. 6.
Swim suits, hats, and neckties, etc., Ladies' and girls'. Juanita Manufacturing Co., Inc. 437,950, Apr. 6; Serial No. 507,006, published Dec. 30, 1947.
Underwear. B. V. D. Company, Inc. 238,900, renewed Feb. 14, 1948. O. G. Apr. 6.
Underwear. B. V. D. Company, Inc. 239,246, renewed Feb. 28, 1948. O. G. Apr. 6.
Underwear, Ladies'. Rollins Hosiery Mills, Inc. 315,684, Aug. 7, 1934. Corrected. O. G. Apr. 6.

CLASS 40

Buttons. Morley Company. 412,845, Mar. 27, 1945. Republished Apr. 6.
Sachets. Lee-Charlson Co. 438,137, Apr. 6; Serial No. 500,988.

CLASS 42

Bedspreads. Bliss, Fabyan Company. 236,439, renewed Dec. 13, 1947. O. G. Apr. 6.
Curtains, Lace. Marshall Field & Company. 392,843, Jan. 13, 1942. Republished Apr. 6.
Curtains, Lace. Marshall Field & Company. 393,112, Jan. 27, 1942. Republished Apr. 6.
Curtains, Lace. Marshall Field & Company. 399,667, Jan. 26, 1943. Republished Apr. 6.
Dress goods and dress fabrics in the piece, Woolen. Atlantic Mills. 235,061, renewed Nov. 8, 1947. O. G. Apr. 6.
Dress goods, Woolen. Atlantic Mills. 233,565, Oct. 4, 1927. Republished Apr. 6.
Duck, Cotton. Mount Vernon Woodberry Cotton Duck Company. 68,575, re-renewed Apr. 14, 1948. O. G. Apr. 6.
Fabric sold by the piece, yard or bolt. Goodman & Greenhut. 438,016, Apr. 6; Serial No. 516,769, published Dec. 23, 1947.
Fabrics. Bear Mill Manufacturing Company, Inc. 241,327, renewed Apr. 24, 1948. O. G. Apr. 6.
Fabrics in the piece, Pile. E. F. Timme & Son. 277,795, Nov. 25, 1930. Republished Apr. 6.
Fabrics in the piece, Woven woolen and worsted. Metcalf Brothers & Co. 500,038, Apr. 6; Serial No. 528,632, published Jan. 13, 1948.
Fabrics, Knitted, netted, and textile. Delaroche & Ses Fils. 438,131, Apr. 6; Serial No. 494,956.
Lawn, being cotton piece goods. Liberty & Co., Limited. 233,637, Oct. 4, 1927. Republished Apr. 6.
Piece goods of mohair, woolen, silk, etc, Vinyl resin coated. Goodall-Sanford, Inc. 438,015, Apr. 6; Serial No. 516,767, published Dec. 30, 1947.
Piece goods, Silk. F. Ducharne Silk Co., Inc. 233,956, renewed Oct. 11, 1947. O. G. Apr. 6.
Piece goods, Silk and rayon. M & W Thomas Co. 422,710, Aug. 6, 1946. Republished Apr. 6.
Piece goods used in connection with soil to prevent erosion, Textile. Bemis Bro. Bag Company. 378,094, May 28, 1940. Republished Apr. 6.
Shade-cloth, Holland. Interstate Shade Cloth Company. 500,039, Apr. 6; Serial No. 528,724.
Textile fabric of rayon and cotton, Woven. Janshaw Fabrics Inc. 437,979, Apr. 6; Serial No. 511,684, published Jan. 13, 1948.
Woolen dress goods and dress fabrics in the piece. Atlantic Mills. 235,036, renewed Nov. 8, 1947. O. G. Apr. 6.
Woven goods. A. L. Bernheimer. 30,898, re-renewed Nov. 23, 1947. O. G. Apr. 6.

CLASS 43

Yarns and yarns made of angora rabbit hair, Wool and hair. Delaroche & Ses Fils. 438,132, Apr. 6; Serial No. 494,957.

CLASS 44

Catamenial bandages. Veldown Company, Inc. 360,998, Oct. 4, 1938. Corrected. O. G. Apr. 6.
Denture base material, acrylic repair material for dentures, etc., Acrylic. Motloid Company, Inc. 438,000, Apr. 6; Serial No. 515,510, published Jan. 13, 1948.
Parenteral administration devices. Hospital Liquids, Inc. 404,630, Dec. 7, 1943. Republished Apr. 6.
Sanitary napkins. Veldown Company, Inc. 322,995, Mar. 26, 1935. Corrected. O. G. Apr. 6.
Surgical goods, Elastic. C. H. Gebauer. 438,047, Apr. 6; Serial No. 520,026, published Jan. 13, 1948.
Tampons. International Cellucotton Products Company. 413,123, Apr. 10, 1945. Republished Apr. 6.
Teeth in various forms, Artificial. P. Rothwell. 437,973, Apr. 6; Serial No. 511,039, published Jan. 13, 1948.
Water bottles, fountain syringes, and combination water bottles and fountain syringes. Armstrong Cork Company. 383,438–40, Dec. 10, 1940. Republished Apr. 6.
Water bottles, fountain syringes, and combination water bottles and fountain syringes. Armstrong Cork Company. 383,581, Dec. 17, 1940. Republished Apr. 6.

CLASS 45

Beverage, Nonalcoholic, maltless chocolate. Dnigger Corporation. 274,405, Aug. 26, 1930. Republished Apr. 6.
Beverages and sirups. Pepsi-Cola Company. 349,985, Sept. 14, 1937. Republished Apr. 6.
Beverages, Carbonated, nonalcoholic, noncereal, maltless. A. Kanner. 233,617, renewed Oct. 4, 1947. O. G. Apr. 6.
Beverages, Nonalcoholic, maltless. Nells's Fruit Products Co. 412,250, Feb. 27, 1945. Republished Apr. 6.
Beverages, Non-alcoholic maltless. Tootle Beverage Company. 437,939, Apr. 6; Serial No. 505,266, published Dec. 23, 1947.
Beverages, Nonalcoholic noncereal maltless. Chocolate Products Company. 255,645, Apr. 30, 1929. Republished Apr. 6.
Drinks, Maltless soft. W. M. Bateman. 438,039, Apr. 6; Serial No. 519,310, published Dec. 23, 1947.

CLASS 46

Almonds, Candy-coated jordan. Jos. A. Riggi Candy Co. 438,136, Apr. 6; Serial No. 500,699.
Biscuits. Canada Biscuit Company, Limited. 233,333, renewed Sept. 27, 1947. O. G. Apr. 6.
Butter. Miami Valley Cooperative Milk Producers Association. 231,400, Aug. 16, 1947. Republished Apr. 6.
Candies, glacé fruits, chocolates, etc. Charles & Co. 66,792, re-renewed Dec. 31, 1947. O. G. Apr. 6.
Candy. E. J. Brach & Sons. 240,188, renewed Mar. 20, 1948. O. G. Apr. 6.
Candy. C. H. Brown. 438,097, Apr. 6; Serial No. 524,230, published Dec. 30, 1947.
Candy. E. A. Hoffman Candy Co. Inc. 438,104, Apr. 6; Serial No. 525,325, published Dec. 9, 1947.
Candy. Mars Incorporated. 239,311, renewed Feb. 28, 1948. O. G. Apr. 6.
Canned citrus juices. Seven Seas Trading Corp. 437,936, Apr. 6; Serial No. 504,073, published Dec. 9, 1947.
Canned dog and cat food. Timerson Canning Co., Inc. 438,050, Apr. 6; Serial No. 520,240, published Dec. 30, 1947.
Canned, dried and fresh fruits, and olive oil. Maywood Packing Co. 66,177, re-renewed Nov. 12, 1947. O. G. Apr. 6.
Canned fish. Franco-Italian Packing Co., Inc. 237,918, Jan. 24, 1928. Republished Apr. 6.
Canned fish. People's Packing Corporation. 438,085, Apr. 6; Serial No. 523,037, published Jan. 13, 1948.
Canned fruits. Springbrook Packing Co. Cooperative. 406,286–7, Mar. 21, 1944. Republished Apr. 6.
Canned fruits and vegetables. Springbrook Packing Co. Cooperative. 406,285, Mar. 21, 1944. Republished Apr. 6.
Canned ripe olives. Wyandotte Olive Growers Association. 437,087, Apr. 6; Serial No. 523,150, published Dec. 2, 1947.
Canned vegetables. Country Gardens, Inc. 412,778, Mar. 27, 1945. Republished Apr. 6.
Canned vegetables. Puyallup & Sumner Fruit Growers Association. 230,602, renewed Aug. 2, 1947. O. G. Apr. 6.
Canned vegetables and canned fruits. D. & D. Foods Company. 438,002, Apr. 6; Serial No. 515,611, published Dec. 23, 1947.
Canned vegetables, corn meal, rolled oats, etc. A. Harris. 500,046, Apr. 6; Serial No. 512,627.
Coffee. Continental Coffee Company. 409,818, Oct. 24, 1944. Republished Apr. 6.
Coffee, Green. Tito Abbo Junior Y Hermanos. 437,896, Apr. 6; Serial No. 485,976, published Jan. 13, 1948.
Coffee, Green. Westfeldt Brothers. 241,577, renewed May 1, 1948. O. G. Apr. 6.
Coffee, tea, mustard, etc. Continental Coffee Company, Inc. 400,719, Mar. 30, 1943. Republished Apr. 6.
Confections and powdered concentrates for making the same, Frozen. Joe Lowe Corporation. 437,958, Apr. 6; Serial No. 508,163, published Jan. 13, 1948.
Corn chips. Jeffrey Food Products Corp. 438,005, Apr. 6; Serial No. 515,715, published Dec. 23, 1947.
Crackers, cookies, biscuits, etc. Independent Baking Company. 241,363, renewed Apr. 24, 1948. O. G. Apr. 6.
Cranberry flakes, Canned dehydrated. Cranberry Canners, Inc. 397,586, Sept. 8, 1942. Republished Apr. 6.
Egg composition including milk solids etc., Dry. Northwest Egg Mix Company. 438,077, Apr. 6; Serial No. 522,092, published Dec. 30, 1947.
Feed for livestock and poultry. Schreiber Milling and Grain Company. 438,084, Apr. 6; Serial No. 523,016, published Jan. 13, 1948.
Flour combined with natural B complex vitamins and dextrose, Powdered dehydrated banana. W. P. Kesel. 437,995, Apr. 6; Serial No. 514,610, published Jan. 13, 1948.
Flour or starch used as a food, Potato. Strohmeyer & Arpe Company. 384,332, Jan. 14, 1941. Republished Apr. 6.
Flour, Plain. Sunlight Milling Company. 235,923, renewed Nov. 29, 1947. O. G. Apr. 6.
Flour, Wheat. Charleston Milling Company. 389,063, July 22, 1944. Republished Apr. 6.
Flour, Wheat. Charleston Milling Company. 402,239, July 13, 1943. Republished Apr. 6.
Flour, Wheat. Collin County Mill & Elevator Co. 241,804–5, renewed May 8, 1948. O. G. Apr. 6.
Flour, Wheat. Mapleton Milling Company. 64,942, re-renewed Aug. 27, 1947. O. G. Apr. 6.
Flour, Wheat. Omaha Flour Mills Co. 232,967, renewed Sept. 20, 1947. O. G. Apr. 6.
Flour, Wheat. Pillsbury Flour Mills Company. 410,661, Dec. 12, 1944. Republished Apr. 6.
Flour, Wheat. Southwestern Milling Company, Inc. 231,484, Aug. 23, 1927. Republished Apr. 6.
Flour, Wheat. Standard Milling Company. 378,306, June 4, 1940. Republished Apr. 6.
Flour, Wheat. Standard Milling Company. 382,942–3, Nov. 19, 1940. Republished Apr. 6.
Flour, Wheat. Standard Milling Company. 385,304, Feb. 25, 1941. Republished Apr. 6.
Flour, Wheat. Standard Milling Company. 385,781, Mar. 18, 1941. Republished Apr. 6.
Flour, Wheat. Standard Milling Company. 396,382, July 14, 1942. Republished Apr. 6.
Flour, Wheat. Thornton & Chester Milling Company. 67,064, Jan. 14, 1908. Republished Apr. 6.
Food condiment consisting of vinegar, molasses, soy, etc. Glaser, Grandell Co. 438,074, Apr. 6; Serial No. 521,993, published Dec. 23, 1947.
Food products. M. McGraw. 437,932, Apr. 6; Serial No. 501,751, published Jan. 6, 1948.
Food, Wheat breakfast. Cream of Wheat Company. 242,011, renewed May 8, 1948. O. G. Apr. 6.
Foods, Rolled wheat breakfast. Fruen Milling Company. 411,660, Jan. 30, 1945. Republished Apr. 6.
Fruits, Basketed fresh. Charles & Co. 66,385, re-renewed Nov. 26, 1947. O. G. Apr. 6.
Fruits, Fresh citrus. Tule River Citrus Association. 241,320, renewed Apr. 24, 1948. O. G. Apr. 6.
Fruits, Fresh deciduous. Geo. D. Brown & Son, Inc. 438,124, Apr. 6; Serial No. 526,196, published Dec. 23, 1947.
Fruits, Fresh deciduous. Butler Trading Company, Inc. 438,125, Apr. 6; Serial No. 526,199, published Dec. 30, 1947.
Gelatin dessert preparation, Flavored. Junior Food Products Co. Inc. 438,070, Apr. 6; Serial No. 521,845, published Jan. 13, 1948.
Ginger bread, honey, cakes, etc. Societe Anonyme des Etablissements Gringoire. 438,029–30, Apr. 6; Serial Nos. 518,369–70, published Jan. 13, 1948.
Griddle cake mix containing wheat flour, soybean flour, etc. Nutrisoy Company. 437,887, Apr. 6; Serial No. 460,781, published Dec. 30, 1947.
Gum, Chewing. American Chewing Products Corp. 438,007, Apr. 6; Serial No. 516,049, published Sept. 23, 1947.
Matzos. B. Manischewitz Company. 437,902, Apr. 6; Serial No. 491,866, published Jan. 13, 1948.
Mayonnaise. S. Gelfand. 239,250, Feb. 28, 1928. Republished Apr. 6.
Meats and sausage, Cured. Kingan and Company, Limited. 67,726, Feb. 18, 1908. Republished Apr. 6.
Milk, Condensed. Kenneweg Company. 68,998, re-renewed May 12, 1948. O. G. Apr. 6.
Molasses. Oelerich & Berry Company. 232,689, Sept. 13, 1927. Republished Apr. 6.
Olive oil. Kenmarti Olive Oil Company. 438,126, Apr. 6; Serial No. 526,248, published Dec. 30, 1947.
Olives, preserved pickles, and canned vegetables. Lakeside Packing Company. 235,734, renewed Nov. 22, 1947. O. G. Apr. 6.
Paprika, ground cinnamon, etc., Ground. National Tea Co. 438,019, Apr. 6; Serial No. 516,994, published Dec. 30, 1947.
Peanut butter. Ben-Hur Products, Inc. 438,069, Apr. 6; Serial No. 521,787, published Dec. 30, 1947.

Peanuts, Chocolate-covered. Planters Nut and Chocolate Co. 237,034, renewed Jan. 3, 1948. O. G. Apr. 6.
Pretzels. Oakdale Baking Company. 65,403, Sept. 24, 1907. Republished Apr. 6.
Salad dressings. E. Jankovitz. 438,098, Apr. 6; Serial No. 524,468, published Dec. 23, 1947.
Sauce, Barbecue. A. Scott. 438,049, Apr. 6; Serial No. 520,188, published Dec. 30, 1947.
Seasoning composed principally of salt, sugar and spices, etc., Medium salt, sausage. Carey Salt Co. 438,001, Apr. 6; Serial No. 515,535, published Dec. 23, 1947.
Starch, Corn. Corn Products Refining Company. 437,974, Apr. 6; Serial No. 511,068, published Jan. 13, 1948.
Sugar, Cane. McCahan Sugar Refining & Molasses Co. 338,177, Sept. 1, 1936. Republished Apr. 6.
Tea. Consolidated Tea Company, Inc. 402,262, July 13, 1943. Republished Apr. 6.
Tea. Continental Coffee Company, Inc. 400,054, Feb. 16, 1943. Republished Apr. 6.
Vegetable oil, Edible. C. F. Simonin's Sons, Inc. 401,748, June 8, 1943. Republished Apr. 6.
Vegetables, Fresh. L. E. Bailey. 438,094, Apr. 6; Serial No. 524,102, published Dec. 30, 1947.
Vegetables, Fresh. Elmore and Stahl. 438,083, Apr. 6; Serial No. 523,011, published Jan. 13, 1948.
Vegetables, Fresh. W. D. Law. 438,081, Apr. 6; Serial No. 522,662, published Dec. 30, 1947.
Vegetables, Fresh. T. J. Matulich. 437,955, Apr. 6; Serial No. 507,738, published Jan. 13, 1948.
Vegetables, Fresh. D. F. McBride. 437,078, Apr. 6; Serial No. 522,253, published Dec. 30, 1947.

CLASS 48

Ale. Haffenreffer & Co. Inc. 438,091–2, Apr. 6; Serial Nos. 523,964–5, published Jan. 13, 1948.
Ale. Minneapolis Brewing Company. 386,852, Apr. 22, 1941. Republished Apr. 6.
Beer. Burlington Brewing Company. 405,265, Jan. 18, 1944. Republished Apr. 6.
Beer. Chr. Heurich Brewing Co. 30,153, re-renewed June 8, 1947. O. G. Apr. 6.
Beer. Minneapolis Brewing Company. 379,035, June 25, 1940. Republished Apr. 6.
Beer. Minneapolis Brewing Company. 379,037, June 25, 1940. Republished Apr. 6.
Beer. Minneapolis Brewing Company. 402,361, July 13, 1943. Republished Apr. 6.
Beer. Geo. Wiedemann Brewing Co., Inc. 376,419, Mar. 26, 1940. Republished Apr. 6.
Beer, malt beverages, and ale. Burger Brewing Co. 438,082, Apr. 6; Serial No. 522,783, published Dec. 16, 1947.
Beverages, Malt. Chr. Heurich Brewing Co. 412,856, Mar. 27, 1945. Republished Apr. 6.
Malts for brewery purposes. Eric Briess. 437,978, Apr. 6; Serial No. 511,536, published Dec. 23, 1947.
Syrup, Brewing. A. M. Herrmann, Inc. 438,041, Apr. 6; Serial No. 519,443, published Dec. 23, 1947.

CLASS 49

Brandy. Ellens Brothers. 438,046, Apr. 6; Serial No. 519,867, published Dec. 23, 1947.
Cocktails, Alcoholic. Schenley Distributors, Inc. 438,048, Apr. 6; Serial No. 520,186, published Dec. 23, 1947.
Liqueur, Aperitif. Rawlings & Sons (London) Limited. 438,031, Apr. 6; Serial No. 518,482, published Jan. 6, 1948.
Whiskey. Allied Importing Company. 437,889, Apr. 6; Serial No. 474,616, published Jan. 13, 1948.
Whiskey. Denebeim Distilling Company. 437,071, Apr. 6; Serial No. 521,861, published Jan. 13, 1948.
Whiskey, Blended. Harry Gretske. 438,140, Apr. 6; Serial No. 506,103.
Whiskey, gin, brandy, and rum. London & Company, Inc. 438,128, Apr. 6; Serial No. 476,520.
Whiskey, Scotch. MacDonald & Muir Limited. 437,924, Apr. 6; Serial No. 499,724, published Dec. 23, 1947.

CLASS 50

Bird feeders, containing bird feed. J. P. Hyde. 437,888, Apr. 6; Serial No. 467,943, published Dec. 30, 1947.
Blocks or slabs of cork composition. Armstrong Cork Company. 418,516, Jan. 1, 1946. Republished Apr. 6.
Bottle closures. Pepsi-Cola Company. 350,201, Sept. 21, 1937. Republished Apr. 6.
Buttons made of felt, rubber, etc., Resilient. Glaziers' Tool Mfg. Corp. 438,096, Apr. 6; Serial No. 524,129, published Jan. 6, 1948.
Chest repair and renovating. Duro Construction Corp. 438,036, Apr. 6; Serial No. 519,265, published Dec. 23, 1947.
Christmas trees, Collapsible artificial. A. Tiscione. 438,086, Apr. 6; Serial No. 523,093, published Dec. 23, 1947.
Container closures, etc., Non-metallic. Macalaster Bicknell Company. 437,892, Apr. 6; Serial No. 480,600, published Jan. 6, 1948.
Feeders, portable founts for stock and poultry, etc., Poultry. Hilltop Farm Feed Co. 437,934, Apr. 6; Serial No. 503,204, published June 17, 1947.
Ladders. W. M. Baird. 438,099, Apr. 6; Serial No. 524,591, published Dec. 30, 1947.
Material in sheet form made principally of rubber, Felted. Vol Crepe Limited. 437,017, Apr. 6; Serial No. 516,881, published Dec. 23, 1947.
Reflectors, Light. G. S. DeChant. 438,018, Apr. 6; Serial No. 516,964, published Dec. 30, 1947.
Scaffolds, Collapsible. L. Aune. 437,923, Apr. 6; Serial No. 499,687, published Jan. 13, 1948.
Signs and displays used for advertising purposes. Gemloid Corporation. 437,900, Apr. 6; Serial No. 490,648, published Dec. 30, 1947.
Washers of transparent plastic material, etc., Self luminous. W. H. Schutte. 437,915, Apr. 6; Serial No. 497,882, published Jan. 13, 1948.

LIST OF DESIGN PATENTEES

A. C. Mfg. Co., assignee: *See*—
Larralde, Edward.
Ackerman, Dolletta M., Los Angeles, Calif. Applicator or similar article for beauty and health treatments. 149,159, Apr. 6.
American Seating Company, assignee: *See*—
Bond, Willard H., Jr.
Athletic Shoe Company, assignee: *See*—
Treat, Floyd C.
Aviation Corporation, The, assignee: *See*—
Otto, Carl L.
Bendix Aviation Corporation, assignee: *See*—
Platt, Joseph B.
Bodie, Russell, Honesdale, and S. C. Bronson, Seelyville, Pa. Shoe or similar article. 149,160, Apr. 6.
Bond, Willard H., Jr., assignor to American Seating Company, Grand Rapids, Mich. Folding chair. 149,161, Apr. 6.
Bond, Willard H., Jr., assignor to American Seating Company, Grand Rapids, Mich. Chair end standard. 149,162, Apr. 6.
Bronson, Stanley C.: *See*—
Bodie, Russell.
Brown, Violet, Wrentham, Mass., assignor to R. M. Jordan & Company, Inc. Desk ornament. 149,163, Apr. 6.
Brown, Violet, Wrentham, Mass., assignor to R. M. Jordan & Company, Inc. Desk ornament. 149,164, Apr. 6.
Capillo, Salvatore, Ossining, N. Y. Walking figure toy. 149,165, Apr. 6.
Chain Belt Company, assignee: *See*—
Fleischmann, George A.
Chapman, Dave, Chicago, Ill., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Portable electric rectifier. 149,166, Apr. 6.
Chernow, Michael, New York, N. Y. Earring or similar article. 149,167, Apr. 6.
Chernow, Michael, New York, N. Y. Earring or similar article. 149,168, Apr. 6.
Chernow, Michael, New York, N. Y. Earring or the like. 149,169, Apr. 6.
Chernow, Michael, New York, N. Y. Earring or the like. 149,170, Apr. 6.
Cleveland Automatic Machine Company, The, assignee: *See*—
Dulaney, William B.
Cohen, Jerome, Arverne, N. Y. Coffee maker stand. 149,171, Apr. 6.
Columbia Protektosite Company, Inc., assignee: *See*—
Lux, Eugene J.
Coro, Inc., assignee: *See*—
Katz, Adolph.
De Vries, Roger, Plainfield, N. J. Doll. 149,172, Apr. 6.
Dulaney, William B., Cincinnati, assignor to The Cleveland Automatic Machine Company, Norwood, Ohio. Milling machine. 149,173, Apr. 6.
Duranol Products, Inc., assignee: *See*—
Newman, Monroe H.
Eaton, Wilfred A., assignor to Sanford Products, Inc., Woodbury, Conn. Boxlike container. 149,174, Apr. 6.
Electronic Units Inc., assignee: *See*—
Vaars, Eugene P.
Elgort, Samuel S., assignee, et al.: *See*—
Wolf, Leo.
Ellen Lace & Embroidery Co., assignee: *See*—
Riedel, Arno E.
Enterprise Aluminum Company, The, assignee: *See*—
Krause, Richard F.
Fanelli, Walter, South Euclid, Ohio, and C. A. Laystrom, Chicago, assignors to Faries Manufacturing Company, Decatur, Ill. Shelf for bathroom cabinet or similar article. 149,175, Apr. 6.
Faries Manufacturing Company, assignee: *See*—
Fanelli, Walter, and Laystrom.
Fleischmann, George A., assignor to Chain Belt Company, Milwaukee, Wis. Tilting type concrete mixer. 149,176, Apr. 6.
Fol-Dee Seat Company, assignee: *See*—
Neufeld, Leonard C.
Fox, Gerald B.: *See*—
Meeker, David A., Fox, and Sullenberger.
Generale, John T., Pelham Manor, N. Y. Combined knife holder and towel rack. 149,177, Apr. 6.
Genske, Hugh, Philadelphia, Pa. Bottle. 149,178, Apr. 6.
Gregg, Jon, New Hope, Pa. Slipper or similar article. 149,179, Apr. 6.
Gregg, Jon, New Hope, Pa. Slipper or similar article. 149,180, Apr. 6.
Guth, Stern & Co., Inc., assignee: *See*—
Schlotterbeck, Fred.
Hale, Florence E., Kit Carson, Colo. Cream skimmer. 149,181, Apr. 6.
Hobart Manufacturing Company, The, assignee: *See*—
Meeker, David A., Fox, and Sullenberger.
Ingle, Orlando F., Richmond, assignor to H. T. King, Union City, and T. I. King, Centerville, Ind. Bicycle headlight. 149,182, Apr. 6.
Jansen, Norma E., Oakland, Calif. Brooch or similar article. 149,183, Apr. 6.
Jolley, Geraldine H., San Francisco, Calif. Novelty box. 149,184, Apr. 6.
Jordan, R. M., & Company, Inc., assignee: *See*—
Brown, Violet.
Katshen, Bernard, Sr., San Francisco, Calif. Napkin holder. 149,185, Apr. 6.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 149,186, Apr. 6.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 149,187, Apr. 6.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 149,188, Apr. 6.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 149,189, Apr. 6.
Keuffel & Esser Company, assignee: *See*—
Martin, Raymond I.
King, Herbert T., assignee, et al.: *See*—
Ingle, Orlando F.
King, T. Ivan, assignee, et al.: *See*—
Ingle, Orlando F.
Kinsley, Felix P., St. Louis, Mo. Finger ring. 149,190, Apr. 6.
Krause, Richard F., assignor to The Enterprise Aluminum Company, Massillon, Ohio. Knob for kitchen utensils. 149,191, Apr. 6.
Krause, Richard F., assignor to The Enterprise Aluminum Company, Massillon, Ohio. Percolator top. 149,192, Apr. 6.
Larralde, Edward, La Canada, assignor to A. C. Mfg. Co., Van Nuys, Calif. Wheeled vehicle or similar article. 149,193, Apr. 6.
Larralde, Edward, La Canada, assignor to A. C. Mfg. Co., Van Nuys, Calif. Wheeled vehicle or similar article. 149,194, Apr. 6.
Laystrom, Carl A.: *See*—
Fanelli, Walter, and Laystrom.
Little, John M.: *See*—
Thomssen, Amy L., and Little.
Little, John M., Toledo, Ohio. Sink fixture. 149,195, Apr. 6.
Little, John M., and A. L. Thomssen, Toledo, Ohio. Faucet unit. 149,196, Apr. 6.
Lux, Eugene J., New York, N. Y., assignor to Columbia Protektosite Company, Inc., Carlstadt, N. J. Bathroom vanity chair. 149,197, Apr. 6.
Lux, Eugene J., New York, N. Y., assignor to Columbia Protektosite Company, Inc., Carlstadt, N. J. Toy vanity. 149,198, Apr. 6.
Lynne, Archibald L., Chicago, Ill. Fruit juicer. 149,199, Apr. 6.
Mallory, P. R., & Co., Inc., assignee: *See*—
Chapman, Dave.
Martin, Raymond I., South Bend, Ind., assignor to Keuffel & Esser Company, Hoboken, N. J. Drafting templet. 149,200, Apr. 6.
Matthews, Richard F., Huntington Park, Calif. Combined brush for camera lens and container for cleaning fluid. 149,201, Apr. 6.
Maugham, Syrie, New York, N. Y. Picture frame. 149,202, Apr. 6.
Meeker, David A., G. B. Fox, and B. E. Sullenberger, assignors to The Hobart Manufacturing Company, Troy, Ohio. Meat saw. 149,203, Apr. 6.
Neufeld, Leonard C., assignor to Fol-Dee Seat Company, Des Moines, Iowa. Child's foldable toilet seat. 149,204, Apr. 6.
Newman, Monroe H., assignor to Duranol Products, Inc., Brooklyn, N. Y. Display stand or similar article. 149,205, Apr. 6.
Otto, Carl L., assignor to The Aviation Corporation, New York, N. Y. Faucet unit. 149,206, Apr. 6.
Peterson, Wilbur P., Independence, Mo. Compressor. 149,207, Apr. 6.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 149,208, Apr. 6.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 149,209, Apr. 6.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Bracelet or similar article. 149,210, Apr. 6.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 149,211, Apr. 6.

Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 149,212, Apr. 6.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 149,213, Apr. 6.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 149,214, Apr. 6.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman and Fishel, Inc., New York, N. Y. Necklace or similar article. 149,215, Apr. 6.
Platt, Joseph B., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Radio cabinet or the like. 149,216, Apr. 6.
Polaroid Corporation, assignee: *See*—
Teague, Walter D.
Richards, Kenneth D., Gardner, Mass. Fish lure. 149,217, Apr. 6.
Richards, Kenneth D., Gardner, Mass. Fly box. 149,218, Apr. 6.
Riedel, Arno E., North Bergen, N. J., assignor to Ellen Lace & Embroidery Co., New York, N. Y. Embroidered trimming or similar article. 149,219, Apr. 6.
Riedel, Arno E., North Bergen, N. J., assignor to Ellen Lace & Embroidery Co., New York, N. Y. Embroidered trimming or similar article. 149,220, Apr. 6.
Riedel, Arno E., North Bergen, N. J., assignor to Ellen Lace & Embroidery Co., New York, N. Y. Embroidered trimming or similar article. 149,221, Apr. 6.
Riedel, Arno E., North Bergen, N. J., assignor to Ellen Lace & Embroidery Co., New York, N. Y. Embroidered trimming or similar article. 149,222, Apr. 6.
Riedel, Arno E., North Bergen, N. J., assignor to Ellen Lace & Embroidery Co., New York, N. Y. Embroidered trimming or similar article. 149,223, Apr. 6.
Riedel, Arno E., North Bergen, N. J., assignor to Ellen Lace & Embroidery Co., New York, N. Y. Embroidered trimming or similar article. 149,224, Apr. 6.
Riedel, Arno E., North Bergen, N. J., assignor to Ellen Lace & Embroidery Co., New York, N. Y. Embroidered trimming or similar article. 149,225, Apr. 6.
Riedel, Arno E., North Bergen, N. J., assignor to Ellen Lace & Embroidery Co., New York, N. Y. Embroidered trimming or similar article. 149,226, Apr. 6.
Riedel, Arno E., North Bergen, N. J., assignor to Ellen Lace & Embroidery Co., New York, N. Y. Embroidered trimming or similar article. 149,227, Apr. 6.
Salsbury, Hubert I., Los Angeles, Calif. Combination desk unit. 149,228, Apr. 6.
Sanford Products, Inc., assignee: *See*—
Eaton, Wilfred A.
Scherff, Gustave, New York, N. Y. Paperweight. 149,229, Apr. 6.
Schlotterbeck, Fred, New York, N. Y., assignor to Guth, Stern & Co., Inc. Flashlight or like article. 149,230, Apr. 6.
Sharaf, Nathan, Brookline, Mass. Store front. 149,231, Apr. 6.
Stafford, Robert M., Kansas City, Mo. Combined ash tray and glass holder. 149,232, Apr. 6.
Sullenberger, Burton E.: *See*—
Meeker, David A., Fox, and Sullenberger.
Teague, Walter D. Annandale, N. J., assignor to Polaroid Corporation, Cambridge, Mass. Camera or similar article. 149,233, Apr. 6.
Thomssen, Amy L.: *See*—
Little, John M., and Thomssen.
Thomssen, Amy L., and J. M. Little, Toledo, Ohio. Sink fixture. 149,234, Apr. 6.
Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 149,235, Apr. 6.
Treat, Floyd C., Barrington, assignor to Athletic Shoe Company, Chicago, Ill. Winter sport shoe. 149,236, Apr. 6.
Trifari, Krussman & Fishel, Inc., assignee: *See*—
Philippe, Alfred.
Trifari, Krussman and Fishel, Inc., assignee: *See*—
Philippe, Alfred.
Tutt, John W., Glendale, Calif. Golf tee or similar article. 149,237, Apr. 6.
Vaars, Eugene P., assignor to Electronic Units Inc., Dayton, Ohio. Artificial fish lure. 149,238, Apr. 6.
Wolf, Leo, assignor to M. Wolf and S. S. Elgort, Chicago, Ill. Shelf. 149,239, Apr. 6.
Wolf, Maurice, assignee, et al.: *See*—
Wolf, Leo.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 6TH DAY OF APRIL, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrahamson, Edmund, Baldwin, N. Y. Vibration actuated indicator. 2,438,958, Apr. 6.
Acme Visible Records, Inc., assignee: *See*—
Hall, Marchand B.
Adams, Emilio M., Miami, Fla. Wire-end loop forming and twisting means. 2,438,984, Apr. 6.
Adelson, Samuel L., assignor to Infilco Incorporated, Chicago, Ill. Rate of flow telemetering actuator. 2,439,121, Apr. 6.
Agriculture, United States of America as represented by the Secretary of: *See*—
Barthel, William F.
Air-way Electric Appliance Corporation, assignee: *See*—
Nuffer, Joseph H., and Latta.
Albert, Carl B., assignee: *See*—
Coney, James D.
Allan, William G.: *See*—
Wright, Harold R., and Allan.
Allen-Bradley Company, assignee: *See*—
Glogau, Manfred L.
Allen, Harry W., Dayton, Ohio. Automatic braking device. 2,438,887, Apr. 6.
Alliance Manufacturing Company, The, assignee: *See*—
Schneider, Emmor V.
Allied Chemical & Dye Corporation, assignee: *See*—
Tryon, Sager, and de Benneville.
Almen, John O., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Shot blasting nozzle. 2,439,032, Apr. 6.
Ambrose, Anthony A., Dayton, Ohio. Electromagnet. 2,438,985, Apr. 6.
American Brake Shoe Company: *See*—
Wilson, Rosser L.
American Cyanamid Company, assignee: *See*—
Booth, Robert B., and Herkenhoff.
Dixon, James K., and Cook.
Hultquist, Martin E.
Kropa, Edward L.
Stearns, Edwin I., Jr.
Vanderscheer, James, and Hull.
American Ecla Corporation, assignee: *See*—
Chavannes, Marc A.
American Locomotive Company, assignee: *See*—
Gloyer, Walter.
American Optical Company, assignee: *See*—
Hasenzahl, Herbert E.
American Safety Razor Corporation, assignee: *See*—
Dalkowitz, Godfrey.
American Seating Company, assignee: *See*—
Orton, Merritt K.
American Steel Foundries, assignee: *See*—
Tack, Carl E., and Bachman.
American Telephone and Telegraph Company, assignee, et al.: *See*—
Beardsley, Harry I., and Meehan.
American Viscose Corporation, assignee: *See*—
Battista, Orlando A.
Coe, Elvin L.
Anderson, George W., Santa Monica, Calif. Delayed-action switch. 2,439,069. Apr. 6.
Andrews, Ernest G., Baldwin, N. Y., and O. Cesareo, Washington Township, Bergen County, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio object detector training device. 2,438,888, Apr. 6.
Andrus, Bert R., Eugene, Oreg. Saw-tooth sharpener. 2,439,279, Apr. 6.
Anthony Company, assignee: *See*—
Hatala, Raymond F., and Kimber.
Antonson, John O., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vaned tire. 2,439,033, Apr. 6.
Arden, Thomas R., assignor to Bard-Parker Company, Inc., Danbury, Conn. Timer for internal-combustion engines. 2,438,889, Apr. 6.
Arens, Charles A., assignor to Arens Controls, Inc., Chicago, Ill. Control mechanism for related control of operated mechanisms. 2,439,356, Apr. 6.
Arens Controls, Inc., assignee: *See*—
Arens, Charles A.
Arvey Corporation, assignee: *See*—
Roach, Earl M.
Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine. 2,438,986, Apr. 6.
Attorney General of the United States: *See*—
Wilnsch, Guido, Weinkauff, Sadowski, and Kobischke.
Austenal Laboratories, Incorporated, assignee: *See*—
Feagin, Roy C.
Automatic Electric Laboratories, Inc., assignee: *See*—
Crabtree, Leonard F.
Evers, Harry G.
Obergfell, Herbert F.
Autoyre Company, Incorporated, The, assignee: *See*—
Sanford, Roy S., and Kurti.
Bachman, Fred E.: *See*—
Tack, Carl E., and Bachman.
Bailey, Christopher E. G., Bournemouth, Hants, England, assignor to Radio Transmission Equipment Limited, London, England. Radio navigational aid. 2,438,987, Apr. 6.
Bailey Meter Company, assignee: *See*—
Johnson, Clarence.
Bailey, Richard W., and M. M. Harding, assignors to Milo Harding Co., Los Angeles, Calif. Duplicating machine. 2,439,070, Apr. 6.
Baker, James A., Rushford, assignor of one-half to E. Kjos, Lanesboro, Minn. Pole gin. 2,439,122, Apr. 6.
Baker Oil Tools, Inc., assignee: *See*—
Childers, Roscoe O.
Baldridge, Ernest B.: *See*—
Donicht, Harry L., Fischer, and Baldridge.
Baldwin Locomotive Works, The, assignee: *See*—
Ruge, Arthur C.
Balsam, Henry M.: *See*—
Balsam, Maurice M. and H. M.
Balsam, M. M., Inc., assignee: *See*—
Balsam, Maurice M. and H. M.
Balsam, Maurice M. and H. M., assignors to M. M. Balsam, Inc., New York, N. Y. Machine for making belts and straps. 2,439,280, Apr. 6.
Bard-Parker Company, Inc., assignee: *See*—
Arden, Thomas R.
Barsky, George, assignor to E. F. Drew & Co., Inc. New York, N. Y. Flashless propellant powder composition. 2,439,281, Apr. 6.
Bartelheim, Leland A., Berwyn, and M. W. Lane, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Assembling arcuate terminal banks. 2,438,959, Apr. 6.
Barthel, William F., College Park, Md., assignor to the United States of America, as represented by the Secretary of Agriculture. Plural section distillation column with top feed. 2,438,988, Apr. 6.
Basham, Lawrence H., Alderson, W. Va. Detachable handle for knives, hatchets, etc. 2,439,071, Apr. 6.
Baskin, Charles M., Toronto, Ontario, Canada, assignor to Standard Oil Development Company. Making bitumen coated fibrous material. 2,438,890, Apr. 6.
Battista, Orlando A., Claymont, assignor to American Viscose Corporation, Wilmington, Del. Forming porous artificial masses. 2,439,034, Apr. 6.
Bausch & Lomb Optical Company, assignee: *See*—
Bouchard, Samuel E.
Beaa, Roscoe D., Red Bank, N. J., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Warning signal system for refrigerators. 2,439,331, Apr. 6.
Beardsley, Harry I., Chatham, N. J., and H. W. Meehan, Scarsdale; said Beardsley assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., and said Meehan assignor to American Telephone and Telegraph Company. Telephone booth. 2,438,891, Apr. 6.
Becker, Joseph A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical translating materials and devices and methods of making them. 2,438,892, Apr. 6.
Becker, Rudolph, North Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Looper-actuating mechanisms for sewing machines. 2,439,332, Apr. 6.
Beckett, Thomas G., Dallas, Tex. Float valve. 2,439,282, Apr. 6.
Bedford, Alda V., Princeton, N. J., assignor to Radio Corporation of America. Servomotor control circuit 2,439,198, Apr. 6.
Belar, Herbert: *See*—
Cunningham, David H., and Belar.
Bell Aircraft Corporation, assignee: *See*—
Wolf, Robert A.

Bell, Fannie M., Bellevue, Ohio. Fish lure. 2,439,123, Apr. 6.

Bell, Henderson M., III, Cleveland, Ohio, assignor to Chromium Corporation of America, New York, N. Y. Apparatus for electroplating rings and discs. 2,438,885, Apr. 6.

Bell Telephone Laboratories, Incorporated, assignee: *See*—
Andrews, Ernest G., and Cesareo.
Beardsley, Harry I., and Meehan.
Becker, Joseph A.
Bieling, Carl A.
Brown, John T. L.
Campbell, Thaddeus C.
Goodall, William M.
Havstad, Harald.
Krantz, Hubert K.
Mason, Warren P.
Mott, Edward E.
Pennoyer, Douglas H.
Rieke, John W., and Shank.
Riesz, Robert R.
Townes, Charles H.

Belmont, Edgar, Port Chester, N. Y. Rack. 2,438,886, Apr. 6.

Beloit Iron Works, assignee: *See*—
Hornbostel, Lloyd.

Bendix Aviation Corporation, assignee: *See*—
Divoll, Richard L.
Miles, George S.
Thieme, George B.
Walker, Howard.

Bennett, Irving K., Baldwin, N. Y. Broiler grill. 2,439,283, Apr. 6.

Bergstrom, Carl O., Boston, Mass., assignor, by mesne assignments, to Westinghouse Electric Corporation. Centrifugal fan. 2,439,124, Apr. 6.

Berning, Theodore J., Dayton, and M. P. Hoover, Lewisburg, Ohio. Ball game. 2,439,333, Apr. 6.

Berry, Harry: *See*—
McGinnis, Albert S., and Berry.

Bidwell, Joseph B., Philadelphia, Pa., and A. F. Underwood, Grosse Pointe, assignors to General Motors Corporation, Detroit, Mich. Bearing testing machine. 2,439,035, Apr. 6.

Bieling, Carl A., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Translating device. 2,438,893, Apr. 6.

Billman, Walter E., Philadelphia, Pa. Clamping holder for screws, bolts, and the like. 2,438,989, Apr. 6.

Blitz, Daniel, Princeton, N. J., assignor to Radio Corporation of America. Balanced amplifier. 2,438,960, Apr. 6.

Bloom, Oscar T., assignor to Industrial Patents Corporation, Chicago, Ill. Surface cleaning machine. 2,439,334, Apr. 6.

Blossom Products Corporation, assignee: *See*—
Smicker, Emma A.

Boese, Albert B., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Production of derivatives of 3-substituted 2,4 diketones. 2,438,894, Apr. 6.

Boese, Albert B., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Gamma-acetyl pimelic acid and diesters thereof. 2,438,961, Apr. 6.

Bohnsack, John A., Waynesboro, Va., assignor to Hopeman Bros., Inc., New York, N. Y. Adjustable lock keeper. 2,439,036, Apr. 6.

Bolinger, George N., Shelbyville, Ill. Ice-cream scoop. 2,439,125, Apr. 6.

Bollmann, Carl: *See*—
Weber, Ernst, Pudelko, Bollmann, and Wermeille.

Booth, Robert B., Springdale, and E. C. Herkenhoff, assignors to American Cyanamid Company, Stamford, Conn. Flotation of iron with organic acid and petroleum sulfonate. 2,439,200, Apr. 6.

Borg, Gustave A., Naugatuck, Conn. Coupling device. 2,439,199, Apr. 6.

Bouchard, Samuel E., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Lens holding means for semirimless tension spectacle mountings. 2,439,357, Apr. 6.

Bouffard, Joseph A., Garden City, and J. G. Greemen, assignors to C. B. Gates, Detroit, Mich. Crayon container. 2,438,895, Apr. 6.

Bowen, Rees T., A. W. Head, and F. G. Lesniak, assignors to Masonite Corporation, Laurel, Miss. Multiple press loading and/or unloading apparatus. 2,438,896, Apr. 6.

Brantly, Newby O., Mount Holly, N. J., assignor to Kite Aircraft Corporation, Philadelphia, Pa. Apparatus for contouring metal. 2,439,234, Apr. 6.

Brassel, Jakob: *See*—
Straub, Fritz, Brassel, and Pieth.

Bristol Company, The, assignee: *See*—
Pattee, John R.

Brouillard, Robert E.: *See*—
Scalera, Mario, and Brouillard.

Brown, George H., Princeton, N. J., assignor to Radio Corporation of America. Reactance compensation system. 2,439,235, Apr. 6.

Brown, John T. L., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Plating contact surfaces of magnetic reeds. 2,438,897, Apr. 6.

Brown, Louis, and L. Lacey, Camp Wood, Tex. Carrier for aircraft delivery. 2,439,236, Apr. 6.

Brown, Preston, Selma, Ala. Welding rod holder. 2,438,990, Apr. 6.

Buckwalter, Tracy V., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Locomotive eccentric crankpin bearing. 2,439,284, Apr. 6.

Budd Company, The, assignee: *See*—
Eksergian, Carolus L., Temple, and Hawthorne.

Burlingame, Ernest D., Eggertsville, R. W. Carlson, Depew, M. G. Nicholson, Jr., Snyder, and M. C. Scott, Lancaster, assignors to Colonial Radio Corporation, Buffalo, N. Y. Protection of thyratron in impulse generating circuits. 2,438,962, Apr. 6.

Bussey, William H., Chicago, Ill., assignor, by mesne assignments, to R. L. Kahn, trustee. Amplifying coupling between a low resistance source and a high resistance circuit. 2,439,072, Apr. 6.

Butterfield, John P., assignor to Chrysler Corporation, Highland Park, Mich. Seal construction. 2,439,073, Apr. 6.

Buttrey, Ronald N., assignor to Cooke & Ferguson Limited, Openshaw, Manchester, England. Electric circuit breaker. 2,439,126, Apr. 6.

Caldwell, John R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose acetate fibers having wool dyeing properties and a spinning solution therefor. 2,439,074, Apr. 6.

Callear, Thomas E.: *See*—
Sun, Kuan-Han, and Callear.

Callison, Charles H., assignee, et al.: *See*—
Linstrom, Floyd T.

Cameron Iron Works, assignee: *See*—
Works, Madden T.

Camp, Eugene V., Atlanta, Ga. Highway traffic guard. 2,438,991, Apr. 6.

Campbell, Robert G., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Ice removing covering for aircraft. 2,439,037, Apr. 6.

Campbell, Thaddeus C., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio object locating system training device. 2,438,898, Apr. 6.

Carbide and Carbon Chemicals Corporation, assignee: *See*—
Boese, Albert B., Jr.
Feild, Theophilus A., Jr., Rugeley, and Petrokubi.

Carlson, Robert W.: *See*—
Burlingame, Ernest D., Carlson, Nicholson, and Scott.

Carnegie-Illinois Steel Corporation, assignee: *See*—
Dailey, William H., Jr., and Di Nucci.

Carnell, Paul H.: *See*—
Hovey, Roger S., and Carnell.

Cartter, William G., Monrovia, Calif. Overhead gas-fired radiator and reflector. 2,439,038, Apr. 6.

Casnati, Lola A., New York, N. Y. Sanitary holder for small articles. 2,439,335, Apr. 6.

Cass, William E., Schenectady, N. Y., assignor to General Electric Company. Preparation of tetrahalogenated benzenes and benzoic acids. 2,439,237, Apr. 6.

Castle, Carl H., assignor to The Sturgis Products Company, Sturgis, Mich. Method of tumbling barrel finishing and material and production thereof. 2,439,156, Apr. 6.

Celanese Corporation of America, assignee: *See*—
Jones, John E.

Cesareo, Orfeo: *See*—
Andrews, Ernest G., and Cesareo.

Chain Belt Company, assignee: *See*—
Hilkemeier, Louis G.

Champion Spark Plug Company, assignee: *See*—
Habicht, Louis A., and Vogel.

Chandler, Leslie O., assignee: *See*—
Keithley, Tim P., and Chandler.

Chavannes, Marc A., Genthod, Switzerland, assignor to American Ecla Corporation, Dover, Del. Making thin rubber films. 2,439,157, Apr. 6.

Chesus, Frank O.: *See*—
Richardson, Avery G., Chesus, and Thomas.

Chevigny, Paul G., and G. J. Lehmann, assignors to Federal Telephone and Radio Corporation, New York, N. Y. Electron discharge device. 2,438,899, Apr. 6.

Childers, Roscoe O., Olney, Ill., assignor to Baker Oil Tools, Inc., Vernon, Calif. Well cementing apparatus. 2,438,992, Apr. 6.

Christiansen, Andrew L., Willowbrook, Calif. Can transfer and orienting mechanism. 2,439,075, Apr. 6.

Chromium Corporation of America, assignee: *See*—
Bell, Henderson M., III.

Chrysler Corporation, assignee: *See*—
Butterfield, John P.

Clapp, Roger E., East Cambridge, Mass., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War. Wave guide mode transformer. 2,439,285, Apr. 6.

Clark, Charles C., Kenmore, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Copolymer of dichlorostyrene, butadiene-1,3 and piperylene. 2,439,076, Apr. 6.

Clark, Robert A., Jr., assignor to A. C. Nielsen Company, Chicago, Ill. Remote radio receiver tuning indicating apparatus. 2,439,201, Apr. 6.

Coe, Elvin L., Nitro, W. Va., assignor to American Viscose Corporation, Wilmington, Del. Producing medullated artificial filaments. 2,439,039, Apr. 6.

Cohen, Harry L., New York, assignor to S & S Corrugated Paper Machinery Co. Inc., Brooklyn, N. Y. Conveyor slat securement. 2,439,040, Apr. 6.

Colbar, Inc., assignee: *See*—
Munshower, Clarence F.

Collins, Leon L., Savannah, Ga. Safety soap and washcloth hanger. 2,439,238, Apr. 6.

Colonial Radio Corporation, assignee: *See*—
Burlingame, Ernest D., Carlson, Nicholson, and Scott.

Commerce, United States of America as represented by the Secretary of, assignee: *See*—
Peters, Chauncey G., Harris, Emerson, Cooter, and Neffien.

Coney, James D., Chicago, assignor to C. B. Albert, Sullivan, Ill. Adjustable connector for sliding members and the like. 2,439,078, Apr. 6.

Conner, Guy O., Cleveland Heights, Ohio. Forming machine. 2,439,077, Apr. 6.

Contardi, Nano F.: *See*—
Pernini, Henry M., and Contardi.

Cook, Elmer W.: *See*—
Dixon, James K., and Cook.

Cooke & Ferguson Limited, assignee: *See*—
Buttrey, Ronald N.

Cooke, William H., Liverpool, and J. C. Smart, Widnes, England, assignors to Imperial Chemical Industries Limited. Separating benzene hexachloride isomers. 2,438,900, Apr. 6.

Cooter, Irvin L.: *See*—
Peters, Chauncey G., Harris, Emerson, Cooter, and Neffien.

Coxe, Charles D., Bridgeport, Conn. Oriented polymeric sheath. 2,438,901, Apr. 6.

Crabtree, Leonard F., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Vote indicating system. 2,439,041, Apr. 6.

Crever, Frederick E., Scotia, N. Y., assignor to General Electric Company. Cabin supercharger regulator system. 2,439,239, Apr. 6.

Crews, John F.: *See*—
Meade, Reginald E., and Crews.

Crosby, David R., Haddonfield, N. J., assignor to Radio Corporation of America. Oscillation generator. 2,439,286, Apr. 6.

Cummings, Robert E., University Heights, assignor to Thompson Products, Inc., Cleveland, Ohio. Braced head dome valve. 2,439,240, Apr. 6.

Cunningham, David H., Haddonfield, and H. Belar, Palmyra, N. J., assignors to Radio Corporation of America. Magnetic field detector. 2,438,964, Apr. 6.

Cunningham, Firmin M.: *See*—
Kratoville, Frank M., and Cunningham.

Cunningham, George L., and R. S. Robinson, Niagara Falls, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of alkali metal alcoholates. 2,438,963, Apr. 6.

Curtis Pump Company, assignee: *See*—
Curtis, Russell R.
Curtis, Russell R., and Gates.

Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Pump valve construction. 2,439,242, Apr. 6.

Curtis, Russell R., and R. L. Gates, assignors to Curtis Pump Company, Dayton, Ohio. Pump assembly. 2,439,241, Apr. 6.

Daboll, Walter F., Greensboro, N. C., assignor to Watson-Williams Manufacturing Company, Millbury, Mass. Self-threading shuttle eye. 2,439,158, Apr. 6.

Dailey, William H., Jr., Library, and E. A. Di Nucci, Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corporation. Shaft and bearing cooling means. 2,439,127, Apr. 6.

Dalkowitz, Godfrey, Washington, D. C., assignor to American Safety Razor Corporation, Brooklyn, N. Y. Blade container. 2,439,243, Apr. 6.

Daly, Lawrence E., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Composition of butadiene-acrylonitrile copolymer and styrene-acrylonitrile copolymer. 2,439,202, Apr. 6.

Dalzen, Frederick R., assignee, trustee: *See*—
Overstedt, Ernest A.

Dalzen, Louella M., assignee, trustee: *See*—
Overstedt, Ernest A.

Dalzen, Russel, assignee, trustee: *See*—
Overstedt, Ernest A.

Dalzen Trust, assignee: *See*—
Overstedt, Ernest A.

Dasher, Paul J., Stow, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Self-sealing fuel tank. 2,438,965, Apr. 6.

Daven Company, The, assignee: *See*—
Doucette, Edmund.

Davidson, Isaac F., Portland, Oreg. Transmission. 2,439,079, Apr. 6.

Davis, James A., Scarsdale, assignor to The Texas Company, New York, N. Y. Utilizing gas mixtures in the alkylation of aromatic hydrocarbons. 2,439,080, Apr. 6.

Debelius, James G.: *See*—
Grzech, Albert S., and Debelius.

De Benneville, Peter L.: *See*—
Tryon, Sager, and de Benneville.

De Boer, Jan H., London, England, assignor to The Hartford National Bank and Trust Company, Hartford, Conn. Flashlight lamp. 2,438,993, Apr. 6.

De Havilland Aircraft Company, Limited, The, assignee: *See*—
Halford, Frank B.

Deloraine, Edmond M., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Pulse multiplex system employing fixed pulse-time displacement for signaling. 2,438,902, Apr. 6.

Deloraine, Edmond M., New York, and D. D. Greig, Forest Hills, assignors to Federal Telephone and Radio Corporation, New York, N. Y. Pulse communication system employing pulse frequency reduction for signaling. 2,438,903, Apr. 6.

De Oliensis, Gertrude, St. Louis, Mo. Combination outergarment. 2,439,128, Apr. 6.

De Rosa, Louis A., Staten Island, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Timing system. 2,438,904, Apr. 6.

Detroit Lubricator Company, assignee: *See*—
Dillman, Earnest J.

De Weese, Joseph C., Essex, assignor to The Glenn L. Martin Company, Middle River, Md. Fluid seal for fittings. 2,439,244, Apr. 6.

Dickey, Joseph B., and F. C. Duennebier, assignors to Eastman Kodak Company, Rochester, N. Y. Polymers of cyanoacrylic acid derivatives. 2,439,081, Apr. 6.

Dillinger, Joy F., Riverside, and C. C. Patton, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Fluxing method in soldering. 2,439,159, Apr. 6.

Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Thermostatic valve. 2,439,336, Apr. 6.

Di Nucci, Edward A.: *See*—
Dailey, William H., Jr., and Di Nucci.

Di Pietro, Carmelo V., Birmingham, Mich., assignor to Richardson Corporation, Rochester, N. Y. Method and apparatus for sterilizing glasses, dishes, or the like. 2,439,042, Apr. 6.

Divoll, Richard L., Concord, Mass., assignor to Bendix Aviation Corporation, Teterboro, N. J. Attitude gyro. 2,439,358, Apr. 6.

Dixon, James K., Riverside, Conn., and E. W. Cook, assignors to American Cyanamid Company, New York, N. Y. Production of aminopropionitriles. 2,439,359, Apr. 6.

Dominion Tar & Chemical Company, assignee: *See*—
Sturrock, Murray G., Lawe, and Kemp.

Donahue, John S., Brookline, Mass., and G. E. Strehan, Leonia, N. J.; said Strehan assignor to said Donahue. Building column. 2,439,129, Apr. 6.

Donicht, Harry L., R. F. Fischer, and E. B. Baldridge, Dayton, Ohio. Automatic compensating gun control system. 2,438,905, Apr. 6.

Doucette, Edmund, assignor to The Daven Company, Newark, N. J. Attenuator. 2,439,160, Apr. 6.

Douglas Aircraft Company, Inc., assignee: *See*—
Farr, Alton E.
Klemperer, Wolfgang B., and Pier.
Tuttle, Eugene F.

Dow Chemical Company, The, assignee: *See*—
Thayer, Gordon B., and Lowry.

Drew, E. F., & Co., Inc., assignee: *See*—
Barsky, George.

Drown, William L., Paxton, assignor to Norton Company, Worcester, Mass. Infeed for grinding machines. 2,439,360, Apr. 6.

Du Bois, George B., Radburn, N. J., assignor to Wright Aeronautical Corporation. Attaching means. 2,439,161, Apr. 6.

Duennebier, Fred C.: *See*—
Dickey, Joseph B., and Duennebier.

Du Mont, Allen B., Laboratories, Inc., assignee: *See*—
Pohle, Eric.

Dunn, James C., assignor, by mesne assignements, to Philco Corporation, Philadelphia, Pa. Resistance-capacitance type oscillator. 2,439,245, Apr. 6.

Du Pont, E. I., de Nemours & Company, assignee: *See*—
Ellingboe, Ellsworth K.
Gresham, William F.
Jacobson, Henning W.
Leekley, Robert M.
Lindsey, Richard V., Jr.

Durat, Hector, Corona, Long Island, N. Y. Valve grinding machine. 2,438,994, Apr. 6.

Eastman Kodak Company, assignee: *See*—
Caldwell, John R.
Dickey, Joseph B., and Duennebier.
Harvey, Douglass C.
Meyer, Lester W. A.
Porter, Henry D., Weissberger, and Gregory.
Salo, Martin, and Vivan.
Staehle, Henry C.
Sun, Kuan-Han, and Callear.
Tamblyn, John W., and Morey.
Teague, Walter D.
Thuline, Horace C., Parsons, and Waugh.
Weissberger, Arnold, and Porter.
Wilson, Charles V.

Eclipse Moulded Products Company, assignee: *See*—
Nash, James.
Edwards, Walter, Calgary, Alberta, Canada. Eraser holder. 2,439,162, Apr. 6.
Eltzen, Louis C., New York, N. Y. Viscosity instrument. 2,439,287, Apr. 6.
Eksergian, Carolus L., Detroit, R. B. Temple, Grosse Pointe Park, and E. P. Hawthorne, Detroit, Mich., assignors to The Budd Company, Philadelphia, Pa. Wheel. 2,438,966, Apr. 6.
Ellingboe, Ellsworth K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing beta-fluoroethyl thiolacetate. 2,439,203, Apr. 6.
Ellsworth, Harold D., Clinton, N. J., assignor to The Indium Corporation of America, New York, N. Y. Indium-gold article and method. 2,438,967, Apr. 6.
Elsas, William D., Kew Gardens, P. Lowengardt, Forest Hills, and A. Scheftel, New York, N. Y. Closure. 2,438,906, Apr. 6.
Embree, Harold K.: *See*—
Sholtis, John, Jr., and Embree.
Emerson, Walter B.: *See*—
Peters, Chauncey G., Harris, Emerson, Cooter, and Neffen.
Emerson, William S., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Para-acetylbenzyl compounds. 2,439,204, Apr. 6.
Emmey, Charles, and M. Katzenstein, New York, N. Y., assignors to Press-On Inc. Identifying goods and identifying labels used therewith. 2,439,082, Apr. 6.
Evans, Benjamin A., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making an endless belt. 2,439,043, Apr. 6.
Evans, Walter E., Warsaw, Ind. Object lifting and moving jack. 2,439,288, Apr. 6.
Evers, Harry G., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Remote control system. 2,439,205, Apr. 6.
Ex-Cell-O Corporation, assignee: *See*—
Seyferth, Harold N.
Fairey Aviation Company, Limited, The, assignee: *See*—
Hodson, Charles F.
Falconbridge Nickel Mines, Limited, assignee: *See*—
Gronningsaeter, Anton M.
Fanslow, Benjamin O., Rockville Centre, N. Y. Ear protector. 2,439,289, Apr. 6.
Farmer, Melvin M., Blue Island, Ill. Invalid transfer device. 2,439,163, Apr. 6.
Farr, Alton E., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Control surface lock for aircraft. 2,439,206, Apr. 6.
Feagin, Roy C., assignor to Austenal Laboratories, Incorporated, New York, N. Y. Thermoplastic composition. 2,439,207, Apr. 6.
Federal Telephone and Radio Corporation, assignee: *See*—
Chevigny, Paul G., and Lehmann.
Deloraine, Edmond M.
Deloraine, Edmond M., and Grieg.
De Rosa, Louis A.
Frankel, Sidney, and Silver.
Grieg, Donald D.
Knorr, Camillo A.
Kotterman, Chester A.
Labin, Emile, and Grieg.
Litton, Charles V.
Mahren, Arthur.
Richardson, Avery G., Chesus, and Thomas.
Warner, Arthur J.
Feild, Theophilus A., Jr., E. W. Rugeley, and J. L. Petrokubi, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Production of textile filaments, fibers, and yarns. 2,438,968, Apr. 6.
Ferrill, Thomas M., Jr., Hempstead, N. Y., assignor to The Sperry Corporation. Course softening system. 2,439,044, Apr. 6.
Fetterley, Guy H., Chippawa, Ontario, Canada, assignor to Norton Company, Worcester, Mass. Composition for igniter for rectifiers. 2,439,290, Apr. 6.
Feucht, Albert, Garfield Heights, Ohio, assignor, by mesne assignments, to Le Roi Company, Milwaukee, Wis. Lubricator. 2,438,969, Apr. 6.
Fielding, David T. E., Middleton Junction, England. Set shift parallel rule. 2,439,291, Apr. 6.
Firestone, Floyd A., Ann Arbor, Mich., assignor to United Aircraft Corporation, East Hartford, Conn. Surface and shear wave method and apparatus. 2,439,130, Apr. 6.
Firestone, Floyd A., Ann Arbor, Mich., assignor to United Aircraft Corporation, East Hartford, Conn. Resonance inspection method. 2,439,131, Apr. 6.
First Industrial Corporation, assignee: *See*—
Vacha, Fred P.
Fischer, Richard F.: *See*—
Donicht, Harry L., Fischer, and Baldridge.
Forney, Elbridge W., Canton, Ohio. Drying machine of the air circulating, rotary drum, and enclosing casing type. 2,438,995, Apr. 6.
Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Impact clutch. 2,439,337, Apr. 6.
Fox, Charles A., Oakland Village, assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical switch. 2,439,164, Apr. 6.
Fox, Philip, Bala, Pa. Jewel case. 2,439,045, Apr. 6.
Frankel, Sidney, Forest Hills, and M. Silver, assignors to Federal Telephone and Radio Corporation, New York, N. Y. Condenser discharge control circuit. 2,438,907, Apr. 6.
Frawley, Robert N.: *See*—
Grinstead, Carl E., and Frawley.
French, Elby E., assignor to O. K. Ko-Op Rubber Welding System, Denver, Colo. Tire repair device. 2,439,083, Apr. 6.
Fronmuller, Douglas: *See*—
Rowland, Ben W., and Brouillard.
Fuge, Harry B., and J. W. Momberg, Somerville, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Signal device for thermostatic switches. 2,439,338, Apr. 6.
Gates, Cecil B., assignee: *See*—
Bouffard, Joseph A., and Greemen.
Gates, Richard L.: *See*—
Curtis, Russell R., and Gates.
Gaubert, Rene J., assignor to Simplex Wrapping Machine Co., Oakland, Calif. Label or liner applying machine. 2,439,361, Apr. 6.
General Aniline & Film Corporation, assignee: *See*—
Heimbach, Newton.
General Electric Company, assignee: *See*—
Cass, William E.
Crever, Frederick E.
Gittings, William N.
Longfellow, Richard C.
Lord, Harold W.
Lum, Walter O.
Matricon, Marcel.
Paul, William E.
Silvester, Austin G.
General Electric Company, Limited, The, assignee: *See*—
Ransley, Charles E.
General Foods Corporation, assignee: *See*—
Ozai-Durrani, Ataullah K.
General Motors Corporation, assignee: *See*—
Almen, John O.
Bidwell, Joseph B., and Underwood.
Grinstead, Carl E., and Frawley.
General Spring Corporation, assignee: *See*—
Wood, Joseph K.
General Tire & Rubber, The, assignee: *See*—
Te Grotenhuis, Theodore A.
Gibbons, James, Company, The, assignee: *See*—
Middlestadt, William F.
Gibian, Emil F., Cleveland Heights, Ohio, assignor to Thompson Products, Inc. Pressure welding machine. 2,439,246, Apr. 6.
Gill, Franklin C., Flint, Mich. Method and means for adjusting contacts. 2,439,362, Apr. 6.
Gittings, William N., Oakmont, Pa., assignor to General Electric Company. Protective arrangement for translating devices. 2,439,247, Apr. 6.
Globe Slicing Machine Co., Inc., assignee: *See*—
Metzler, Charles L.
Glogau, Manfred L., Shorewood, assignor to Allen-Bradley Company, Milwaukee, Wis. Preset switch. 2,438,970, Apr. 6.
Gloyer, Walter, Port Washington, assignor to American Locomotive Company, New York, N. Y. Heat exchanger. 2,439,208, Apr. 6.
Golden, Roann, Oakland, Calif. Massage table. 2,439,292, Apr. 6.
Goodall-Sanford, Inc., assignee: *See*—
Wilson, Sydney S.
Goodall, William M., Oakhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse code modulation communication system. 2,438,908, Apr. 6.
Goodrich, B. F., Company, The, assignee: *See*—
Antonson, John O.
Campbell, Robert G.
Dasher, Paul J.
Evans, Benjamin A.
Sternad, Frank S.
Graham, Luell M.: *See*—
Wolf, Robert A.
Graves, Herbert C., Jr., West Chester, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Insulated reinforced circuit breaker contact bar. 2,439,084, Apr. 6.
Graves, Herbert C., Jr., West Chester, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Selective tripping of circuit breakers in a system. 2,439,165, Apr. 6.
Gray, George F.: *See*—
Pratt, Verneur E., and Gray.
Gray-Mills Corporation: *See*—
Morse, Normand W.
Greemen, John G.: *See*—
Bouffard, Joseph A., and Greemen.
Greene, Raymond J., Sebring, Ohio. Radiant oven and broiler burner. 2,438,996, Apr. 6.

Gregory, Eli E., Millington, N. J., assignor, by mesne assignments, to Gregory Motors, Inc., Brooklyn, N. Y. Electromotor. 2,439,248, Apr. 6.
Gregory Motors, Inc., assignee: *See*—
Gregory, Eli E.
Gregory, Walter A.: *See*—
Porter, Henry D., Weissberger, and Gregory.
Gresham, William F.: *See*—
Nalbach, John R., and Gresham.
Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymers of linear formals. 2,438,909, Apr. 6.
Grieg, Donald D.: *See*—
Deloraine, Edmond M., and Grieg.
Labin, Emile, and Grieg.
Grieg, Donald D., Forest Hills, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Pulse generator. 2,438,910, Apr. 6.
Grim, Forrest D., Allentown, Pa. Window sash control. 2,439,046, Apr. 6.
Grinstead, Carl E., and R. N. Frawley, assignors to General Motors Corporation, Detroit, Mich. Pressure indicator. 2,439,047, Apr. 6.
Griplock, Inc., assignee: *See*—
Sholtis, John, Jr., and Embree.
Grisanti, Amedeo D., Mount Vernon, N. Y. Trouser waist grip belt. 2,439,339, Apr. 6.
Gronningsaeter, Anton M., New York, N. Y., assignor to Falconbridge Nickel Mines, Limited, Toronto, Ontario, Canada. Recovering metal values from slags. 2,438,911, Apr. 6.
Grzech, Albert S., and J. G. Debellus, Baltimore, Md. Automatic antitip device. 2,439,085, Apr. 6.
Guanella, Gustav, Zurich, Switzerland, assignor to Radio Patents Corporation, New York, N. Y. Speech transmission system. 2,439,293, Apr. 6.
Habicht, Louis A., and H. H. Vogel, assignors to Champion Spark Plug Company, Toledo, Ohio. Gap gauge for spark plugs. 2,439,363, Apr. 6.
Halford, Frank B., assignor to The De Havilland Aircraft Company, Limited, Edgware, England. Controlling the temperature of gases. 2,438,998, Apr. 6.
Hall, Marchand B., assignor to Acme Visible Records, Inc., Chicago, Ill. Holder for cards and photographs. 2,438,997, Apr. 6.
Halsey, Arthur S., Washington, D. C., assignor to the United States of America, as represented by the Secretary of Navy. Torpedo director. 2,439,209, Apr. 6.
Hammond Instrument Company, assignee: *See*—
Hammond, Laurens.
Hammond, Laurens, and Hanert.
Hammond, Laurens, assignor to Hammond Instrument Company, Chicago, Ill. Steering control apparatus. 2,439,294, Apr. 6.
Hammond, Laurens, Chicago, and J. M. Hanert, Park Ridge, assignors to Hammond Instrument Company, Chicago, Ill. Speed responsive apparatus. 2,439,295, Apr. 6.
Hanert, John M.: *See*—
Hammond, Laurens, and Hanert.
Hanley, William W., Wetumka, Okla. Full view peep sight. 2,439,086, Apr. 6.
Hannifin Corporation, assignee: *See*—
Peterson, Victor W.
Hansen, William W., Garden City, N. Y., assignor to The Sperry Corporation. High-frequency filter structure. 2,438,913, Apr. 6.
Hansen, William W., Garden City, N. Y., assignor to The Sperry Corporation. Wave guide impedance transformer. 2,438,914, Apr. 6.
Hansen, William W., Garden City, N. Y., assignor to The Sperry Corporation. High-frequency terminating impedance. 2,438,915, Apr. 6.
Hansen, William W., and J. R. Woodyard, Garden City, and Morris Nelson, Kew Garden, N. Y., assignors to The Sperry Corporation. Impedance transformer. 2,438,912, Apr. 6.
Harding, Milo M.: *See*—
Bailey, Richard W., and Harding.
Harding, Milo, Co., assignor: *See*—
Bailey, Richard W., and Harding.
Harper, George M., Jr., assignee: *See*—
Webb, Byron H.
Harris, Forest K.: *See*—
Peters, Chauncey G., Harris, Emerson, Cooter & Neffen.
Hartford National Bank and Trust Company, The, assignee: *See*—
De Boer, Jan H.
Hartley, Emmett C., and H. E. Hull, assignors to The Parker Appliance Company, Cleveland, Ohio. Automatic means for clamping and deforming the ends of tubes. 2,438,999, Apr. 6.
Harvey, Douglass C., assignor to Eastman Kodak Company, Rochester, N. Y. Protective casing for enclosing photographic shutters to exclude moisture and dirt therefrom. 2,439,087, Apr. 6.
Harvey, Valentine P.: *See*—
Molins, Desmond W., Harvey, Mason, and Powell.
Hasenzahl, Herbert E., assignor to American Optical Company, Southbridge, Mass. Snap fastener. 2,439,000, Apr. 6.

Hatala, Raymond F., and A. Kimber, assignors to Anthony Company, Streator, Ill. Safety means for receptacles. 2,439,132, Apr. 6.
Havstad, Harald, Northport, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Work holding nest. 2,438,916, Apr. 6.
Hawkins, General A., Dallas, Tex. Electric soldering iron. 2,439,296, Apr. 6.
Hawthorne, Eugene P.: *See*—
Eksergian, Carolus L., Temple, and Hawthorne.
Hayes, Meyers and Hoagland: *See*—
Meyers, Eugene J.
Head, Adam W.: *See*—
Bowen, Rees T., Head, and Lesniak.
Heimbach, Newton, Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Photographic Silver-halide emulsions containing 1,3,4-triazaindolizine cyanine dyes. 2,439,210, Apr. 6.
Hendrickson, Severine, Templeton, assignor to Heywood-Wakefield Company, Gardner, Mass. Wheel construction. 2,439,340, Apr. 6.
Hennessey, James J., Montclair, N. J. Railway journal bearing. 2,439,297, Apr. 6.
Herkenhoff, Earl C.: *See*—
Booth, Robert B., and Herkenhoff.
Herr, Vincent A., Collinsville, Ill. Collar shaping device. 2,439,088, Apr. 6.
Heywood-Wakefield Company, assignee: *See*—
Hendrickson, Severine.
Hickman, Clarence N., Washington, D. C., assignor to the United of America, as represented by the Secretary of Navy. Submarine mine. 2,439,211, Apr. 6.
Hickman, Elie, Detroit, Mich. Bath cloth. 2,439,249, Apr. 6.
Hilkemeier, Louis G., West Allis, assignor to Chain Belt Company, Milwaukee, Wis. Transit concrete mixer. 2,439,250, Apr. 6.
Hill, C. V., & Company, Inc., assignee: *See*—
Hoffman, Cyrus F.
Hillier, James, Cranbury, N. J., assignor to Radio Corporation of America. Compound electron objective lens. 2,438,971, Apr. 6.
Hippard, Ralph M., Middleboro, Ky. Shuttle car. 2,439,001, Apr. 6.
Hlobil, Charles, Astoria, Long Island, N. Y. Moccasin with ornamental edging. 2,439,341, Apr. 6.
Hodson, Charles F., Burnham, assignor to The Fairey Aviation Company, Limited, Hayes, Middlesex, England. Control of rotating wing aircraft. 2,439,089, Apr. 6.
Hoertz, Norman: *See*—
Newton, John A., and Hoertz.
Hof, Rufus C., La Bolt, S. Dak. Power lever and engine using the same. 2,439,002, Apr. 6.
Hoffman, Cyrus F., assignor to C. V. Hill & Company, Inc., Trenton, N. J. Refrigerated display case. 2,438,972, Apr. 6.
Hoffman, Widof J., and O. P. Olson, Chicago, Ill. Dispensing toothbrush. 2,439,166, Apr. 6.
Hoover, Melvin P.: *See*—
Berning, Theodore J., and Hoover.
Hopeman Bros., Inc., assignee: *See*—
Bohnsack, John A.
Horan, Timothy F., New Haven, Conn. Casting reel. 2,439,298, Apr. 6.
Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Band guide. 2,439,251, Apr. 6.
Hotpoint Inc., assignee: *See*—
Sharp, John C.
Hovey, Roger S., Charleston, W. Va., and P. H. Carnell, Bartlesville, Okla., assignors to Phillips Petroleum Company. Production of halogenated hydrocarbons containing fluorine. 2,439,299, Apr. 6.
Howald, Werner, Zurich, Switzerland. Transmission mechanism. 2,439,003, Apr. 6.
Huber, Gustav, assignor to Kangol Wear Limited, Cleator, England. Flat single bed knitting machine. 2,439,300, Apr. 6.
Hudson, Thomas B., and J. D. Upham, assignors to Phillips Petroleum Company, Bartlesville, Okla. Isomerization of hydrocarbons. 2,439,301, Apr. 6.
Hudson, William J., Milwaukee, Wis. Pressure measuring apparatus. 2,439,342, Apr. 6.
Hull, Elizabeth H.: *See*—
Vanderscheer, James, and Hull.
Hull, Henry E.: *See*—
Hartley, Emmett C., and Hull.
Hultquist, Martin E., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Preparation of benzotetronic acid. 2,439,302, Apr. 6.
Hurley, Ralph L., Xenia, Ohio. Storage container for electric irons. 2,439,004, Apr. 6.
Hydraulic Control Engineering Company, assignee: *See*—
Stephens, William T.
I-T-E Circuit Breaker Company, assignee: *See*—
Graves, Herbert C., Jr.
Imperial Brass Manufacturing Company, The, assignee: *See*—
McIntosh, Robert D.
Imperial Chemical Industries Limited, assignee: *See*—
Cooke, William H., and Smart.
McGill, John H.
Wright, Harold R., and Allan.

Independent Pneumatic Tool Company, assignee: *See*—
Forss, Frithiof P.

Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Centerless grinder. 2,439,303, Apr. 6.

Indium Corporation of America, The, assignee: *See*—
Ellsworth, Harold D.

Industrial Patents Corporation, assignee: *See*—
Bloom, Oscar T.
McGinnis, Albert S., and Berry.
McKee, Harry H., Keefer, and McCue.

Infilco Incorporated, assignee: *See*—
Adelson, Samuel L.

Institute of Paper Chemistry, The, assignee: *See*—
Rowland, Ben W., and Fronmuller.

International Staple and Machine Company, assignee: *See*—
Schafroth, Werner.

Jackson, Marshal E., Kalamazoo, Mich. Decoy. 2,439,167, Apr. 6.

Jackson, William H., Johnstown, Pa. Aeroplane empennage. 2,439,304, Apr. 6.

Jacobson, Henning W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dithiadecane diester. 2,439,212, Apr. 6.

Jenkins, Francis J., Hurlstone Park, New South Wales, Australia. Combined table and electrically heated hot plates. 2,439,133, Apr. 6.

Jensen, Frants V., assignor to Jensen Specialties, Inc., Detroit, Mich. Oven with infrared lamp. 2,439,005, Apr. 6.

Jensen Specialties, Inc., assignee: *See*—
Jensen, Frants V.

Jerome, Arthur L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Coded track circuits for highway crossing signals. 2,439,006, Apr. 6.

Johnson, Clarence, South Euclid, Ohio, assignor to Bailey Meter Company. Fluid flow regulator. 2,438,973, Apr. 6.

Johnson, Theodore M., Burbank, and E. G. Reed, Los Angeles, Calif. **Movable base mounted** axially collapsing type tire removing device. 2,439,135, Apr. 6.

Johnson, William C., assignor to Pfister and Vogal Tanning Company, Milwaukee, Wis. Machine for brushing and cleaning plates. 2,439,305, Apr. 6.

Jones, David D., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Extruding apparatus. 2,438,974, Apr. 6.

Jones, George E., London, England. Clutch and brake mechanism. 2,439,134, Apr. 6.

Jones, John E., Spondon, near Derby, England, assignor, by mesne assignments, to Celanese Corporation of America. Alkyl cellulose stabilized with an N,N, dialkylated diamine. 2,438,975, Apr. 6.

Jordan, Clayton E., Prescott, Ariz. Pencil sharpener. 2,439,252, Apr. 6.

Kahn, Earl, Chicago, Ill. Toy bank. 2,439,136, Apr. 6.

Kahn, Robert L., trustee: *See*—
Bussey, William H.

Kall, Karl A., Montrose, Pa., assignor to Link Aviation, Inc. Constant speed propeller simulating means for aviation trainers. 2,439,168, Apr. 6.

Kamborian, Jacob S., West Newton, Mass. Apparatus for lasting footwear. 2,438,917, Apr. 6.

Kamborian, Jacob S., West Newton, Mass. Method of and apparatus for use in lasting footwear. 2,438,918, Apr. 6.

Kamborian, Jacob S., West Newton, Mass. Lasting shoes. 2,438,919, Apr. 6.

Kamborian, Jacob S., West Newton, Mass. Shoe counter. 2,438,920, Apr. 6.

Kamborian, Jacob S., West Newton, Mass. Retaining means for expansible lasts. 2,438,921, Apr. 6.

Kangol Wear Limited, assignee: *See*—
Huber, Gustav.

Katzenstein, Max: *See*—
Emmey, Charles, and Katzenstein.

Kearney, James R., Corporation, assignee: *See*—
Fox, Charles A.
Kratoville, Frank M., and Cunningham.

Keating, Harry C., Buffalo, N. Y. Electrical outlet box. 2,439,090, Apr. 6.

Keating, Harry C., Buffalo, N. Y. Electrical outlet box mounting. 2,439,091, Apr. 6.

Keefer, Herbert W.: *See*—
McKee, Harry H., Keefer, and McCue.

Keithley, Tim P., and L. O. Chandler, Middletown, Mo.; said Keithley assignor to said Chandler. Two-way cattle and hog feeder. 2,439,007, Apr. 6.

Kellem, James F., assignor of one-half to T. E. Meade, Vancouver, Wash. Drill stand and gauge. 2,439,008, Apr. 6.

Keller, Auguste V., Long Island City, assignor to Thompson's Ltd., New York, N. Y. Laminated plastic article. 2,439,137, Apr. 6.

Kemp, Woodrow E.: *See*—
Sturrock, Murray G., Lowe, and Kemp.

Kendrick, John F., Elizabeth, N. J. Self-locking nut. 2,439,253, Apr. 6.

Kern & Co. A. G., assignee: *See*—
Wild, Heinrich.

Kernan, William: *See*—
Mulligan, Wayne A., and Kernan.

Kimber, Arthur: *See*—
Hatala, Raymond F., and Kimber.

King, John W., and J. J. McNamee, assignors to Miles Park Machine & Tool, Inc., Cleveland, Ohio. Clamp. 2,439,364, Apr. 6.

Kispersky, John P.: *See*—
Seymour, Raymond B., and Kispersky.

Kispersky, John P., West La Fayette, Ind., and R. B. Seymour, Chattanooga, Tenn., assignors to Monsanto Chemical Company. Heat-resistant copolymer of styrene and parachloro-alpha methylstyrene. 2,439,213, Apr. 6.

Kite Aircraft Corporation, assignee: *See*—
Brantly, Newby O.

Kittredge, Raymond E., Binghamton, N. Y., assignor to Link Aviation, Inc. Training device. 2,439,169, Apr. 6.

Kjos, Earl, assignee: *See*—
Baker, James A.

Klemperer, Wolfgang B., Los Angeles, and E. H. Pier, West Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Computer. 2,439,365, Apr. 6.

Knorr, Camillo A., East Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Telephone set. 2,438,922, Apr. 6.

Kobischke, Herbert: *See*—
Wunsch, Guido, Weinkauff, Sadowski, and Kobischke.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Rectifier. 2,439,224, Apr. 6.

Kohrman, Hubert, Danbury, Conn. Apparatus for making artificial teeth. 2,439,138, Apr. 6.

Korff, Walter H., assignor to Lockheed Aircraft Corporation, Burbank, Calif. Tailless airplane. 2,439,048, Apr. 6.

Kotterman, Chester A., Livingston, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Making selenium elements. 2,438,923, Apr. 6.

Kramer, Alexander E., Hyattsville, Md., and V. F. Lucht, Washington, D. C. Muzzle closure device for guns. 2,438,924, Apr. 6.

Krantz, Hubert K., Rockville Centre, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetostrictive submarine signal transmitter or receiver. 2,438,925, Apr. 6.

Kratoville, Frank M., St. Louis, and F. M. Cunningham, Maplewood, assignors to James R. Kearney Corporation, St. Louis, Mo. Rolling machine. 2,439,170, Apr. 6.

Kreider, Benjamin R., Manheim, Pa. Wiping device for oil gauge rods. 2,439,171, Apr. 6.

Kropa, Edward L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Liquid copolymer of beta myrcene and para methyl styrene. 2,439,343, Apr. 6.

Kujawski, Barney, assignor to Thurner Engineering Company, Milwaukee, Wis. Flexible joint. 2,439,009, Apr. 6.

Kurti, Alexander: *See*—
Sanford, Roy S., and Kurti.

Labin, Emile, New York, and D. D. Grieg, Forest Hills, N. Y., assignors to Federal Telephone and Radio Corporation. Modulation means and method. 2,438,927, Apr. 6.

Labin, Emile, New York, and D. D. Grieg, Forest Hills, N. Y., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Cathode-ray tube pulse demodulator system. 2,438,928, Apr. 6.

Lacey, Leo: *See*—
Brown, Louis, and Lacey.

La Chapelle, Albert L., assignee, et al.: *See*—
La Chapelle, Euclid I.

La Chapelle, Beatrice H., assignee, et al.: *See*—
La Chapelle, Euclid I.

La Chapelle, Euclid I., Brockton, Mass., assignor of one-fourth to A. L. La Chapelle, one-fourth to B. H. La Chapelle, and one-fourth to R. E. La Chapelle. Shoe forepart bottom filler. 2,439,172, Apr. 6.

La Chapelle, Rachel E., assignee, et al.: *See*—
La Chapelle, Euclid I.

La Crosse Rubber Mills Company: *See*—
Larkin, Leo J., Regan, and Larkin.

Lacy Manufacturing Company, assignee: *See*—
Sandberg, William A.

Laidley, Clarence D., Los Angeles, Calif. Gasket. 2,439,306, Apr. 6.

Landis & Gyr, A. G., assignee: *See*—
Weber, Ernst, Pudelko, Bollmann, and Wermeille.

Lane, Maurice W.: *See*—
Bartelheim, Leland A., and Lane.

Lange, Edward H., Baltimore, Md. Portable collapsible power-distribution tower for electric lawn mowers. 2,439,010, Apr. 6.

Langmuir, David B., Englewood, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,439,173, Apr. 6.

Larkin, Gerald A.: *See*—
Larkin, Leo J., Regan, and G. A. Larkin.

Larkin, Leo J., J. J. Regan, and G. A. Larkin, assignors to La Crosse Rubber Mills Company, La Crosse, Wis. Vulcanizer. 2,439,011, Apr. 6.

Larson, Charles J., Warren, Minn. Brush attachment for mop handles. 2,439,174, Apr. 6.

Latta, Lynn H.: *See*—
Nuffer, Joseph H., and Latta.

Lautmann, Alfred J., Detroit, Mich. Rivet. 2,438,976, Apr. 6.

Lawe, Thomas: *See*—
Sturrock, Murray G., Lawe, and Kemp.

Leaf, Walter B., Denver, Colo. Foam suppressing apparatus. 2,438,929, Apr. 6.

Ledford, Hershel B., Dahlonega, Ga. Wheel and axle construction. 2,439,012, Apr. 6.

Lee, Russell: *See*—
Simpson, Thomas P., Lee, and Ray.

Leekley, Robert M., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Simultaneous dimerization and reduction. 2,439,308, Apr. 6.

Legatski, Harold R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovery and purification of cyclopentadiene. 2,439,307, Apr. 6.

Lehmann, Gerard J.: *See*—
Chevigny, Paul G., and Lehmann.

Lenske, Louis G., Los Angeles, Calif., now, by change of name, Gene Shelly. Shoulder pad. 2,438,930, Apr. 6.

Le Roi Company, assignee: *See*—
Feucht, Albert.

Lesko, John S., Bridgeport, Conn. Display rack. 2,439,049, Apr. 6.

Lesniak, Frank G.: *See*—
Bowen, Rees T., Head, and Lesniak.

Le Tourneau, R. G., Inc., assignee: *See*—
Le Tourneau, Robert G.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Power scoop. 2,439,130, Apr. 6.

Levin, Joseph H., Brooklyn, N. Y. Joint for air ducts and the like. 2,439,254, Apr. 6.

Lindsey, Richard V., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Copolymers of alpha, beta-ethylenically unsaturated phosphonic acid derivatives. 2,439,214, Apr. 6.

Link Aviation, Inc., assignee: *See*—
Kall, Karl A.
Kittredge, Raymond E.

Linstrom, Floyd T., assignor of one-third to G. B. Waldron and one-third to C. H. Callison, Denver, Colo. Apparatus for indicating pressure at a distance. 2,439,092, Apr. 6.

Litton, Charles V., Redwood City, Calif., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Variable condenser. 2,438,931, Apr. 6.

Lloyd, George G., assignor to Loftus Engineering Corporation, Inc., Pittsburgh, Pa. Industrial furnace and operating the same. 2,439,309, Apr. 6.

Lockheed Aircraft Corporation, assignee: *See*—
Korff, Walter H.

Loftus Engineering Corporation, Inc., assignee: *See*—
Lloyd, George G.

Longfellow, Richard C., Schenectady, N. Y., assignor to General Electric Company. Capacitor switch. 2,439,255, Apr. 6.

Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Timing circuit. 2,439,256, Apr. 6.

Lowengardt, Paul: *See*—
Elsas, William D., Lowengardt, and Scheftel.

Lower, Carl F., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,439,013, Apr. 6.

Lowry, Robert D.: *See*—
Thayer, Gordon B., and Lowry.

Lucht, Victor F.: *See*—
Kramer, Alexander E., and Lucht.

Luhrmann, George W., Cedar Brook, N. J. Apparatus for preparing finely divided fibre stock for fluid conveyance. 2,439,014, Apr. 6.

Lum, Walter O., Schenectady, N. Y., assignor to General Electric Company. Fuel atomizing nozzle. 2,439,257, Apr. 6.

Lund, Arthur D., Minneapolis, Minn., assignor to Solar Corporation, Milwaukee, Wis. Clothes-washing machine having reciprocating clothes receptacle with restricted passageway. 2,439,215, Apr. 6.

Lundquist, Wilton G., Hohokus, N. J., assignor to Wright Aeronautical Corporation. Valve gear. 2,439,175, Apr. 6.

M. P. P. (Products) Limited, assignee: *See*—
Willetts, Arthur K., and Rendle.

Mahren, Arthur, Long Island City, N. Y., assignor to Federal Telephone and Radio Corporation, East Newark, N. J. Testing cables. 2,438,932, Apr. 6.

Mallard, Logan L., Norfolk, assignor of one-half to B. M. Wolf, Norfolk County, Va. Connector. 2,439,176, Apr. 6.

Mallory, Henry R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Vibratory switching device for oscillographs. 2,439,050, Apr. 6.

Mallory, P. R. & Co., Inc., assignee: *See*—
Mallory, Henry R.
Slater, Ira M.

Mancuso, Frank M., Concord, Staten Island, N. Y. Detachable heel. 2,439,310, Apr. 6.

Manning, Lester C., assignor to R. L. Senter, Oklahoma City, Okla. Apparatus for dehydration of oil. 2,439,177, Apr. 6.

Marchand, Michelle, Flushing, N. Y. Illuminated ornament. 2,439,178, Apr. 6.

Markin, Louis, Chicago, Ill., assignor to Society Brand Clothes, Inc. Trousers. 2,438,933, Apr. 6.

Marsh, Walter H., Crafton, Pa., assignor to Rockwell Manufacturing Company. Temperature compensated meter. 2,438,934, Apr. 6.

Marsh, Walter H., Crafton, Pa., assignor to Rockwell Manufacturing Company. Temperature compensated meter. 2,438,935, Apr. 6.

Marshall Furnace Co., assignee: *See*—
Stout, Claude S.

Martin, Glenn L., Company, The, assignee: *See*—
De Weese, Joseph C.

Mason, George T., Glendale, assignor to Alfred A. Nathanson, North Hollywood, Calif. Combination lock. 2,439,140, Apr. 6.

Mason, James A.: *See*—
Molins, Desmond W., Harvey, Mason and Powell.

Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromechanical transducer. 2,438,936, Apr. 6.

Masonite Corporation, assignee: *See*—
Bowen, Rees T., Head and Lesniak.

Mathieson Alkali Works, Inc., The, assignee: *See*—
Clark, Charles C.
Cunningham, George L., and Robinson.

Matricon, Marcel, Paris, France, assignor to General Electric Company. Vacuum pump. 2,439,258, Apr. 6.

Maybery, Elbert, St. Louis, Mo. Snow skate. 2,439,311, Apr. 6.

McBee Company, The, assignee: *See*—
Welk, Nelson S.

McClelland, James B., Wilkinsburg, Pa. Metalworking machine. 2,439,015, Apr. 6.

McCormack, Arden J., Portland, Mich. Field pick up hay chopper. 2,439,259, Apr. 6.

McCue, William J.: *See*—
McKee, Harry H., Keefer and McCue.

McLaughlin, Leone, assignor to Wingfoot Corporation, Akron, Ohio. Self-sealing container. 2,439,366, Apr. 6.

McGill, John H., Manchester, England, assignor to Imperial Chemical Industries Limited. Flexible sheet material comprising a surface coating containing polyvinyl chlorides. 2,439,051, Apr. 6.

McGinnis, Albert S., and Harry Berry, Cairo, assignors to Industrial Patents Corporation, Chicago, Ill. Lint cleaning apparatus. 2,439,179, Apr. 6.

McGlaun, Jasper E., Shellman, Ga. Resilient wheel. 2,439,312, Apr. 6.

McIntosh, Robert D., River Forest, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Shutoff valve mechanism. 2,439,052, Apr. 6.

McKee, Harry H., Herbert W. Keefer, and William J. McCue, assignors to Industrial Patents Corporation, Chicago, Ill. Producing dried meat. 2,439,180, Apr. 6.

McLellan, David S., Longview, Wash., assignor to Reynolds Metals Company, Richmond, Va. Removing metallic iron from a fused alumina-cryolite composition. 2,439,216, Apr. 6.

McNamee, James J.: *See*—
King, John W. and McNamee.

Meade, Reginald E., and John F. Crews, Appleton, Wis., assignors to Western Condensing Company, San Francisco, Calif. Apparatus for heating sensitive materials. 2,439,260, Apr. 6.

Meade, Thomas E., assignee: *See*—
Kellem, James F.

Meagher, Ralph E., Watertown, Mass., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War. Electrical circuit. 2,439,313, Apr. 6.

Meehan, Howard M.: *See*—
Beardsley, Harry I. and Meehan.

Meidenbauer, Phillip E., Jr., assignor to Scott Aviation Corporation, Lancaster, N. Y. Breathing apparatus. 2,439,016, Apr. 6.

Meighan, William A., Portland, Oreg. Flat terminal fitting. 2,439,141, Apr. 6.

Metzler, Charles L., Palisades Park, N. J., assignor to Globe Slicing Machine Co. Inc., Stamford, Conn. Slice receiving mechanism for reciprocating carriage slicing machines. 2,438,937, Apr. 6.

Meyer, Lester W. A., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Thermoplastic compositions containing cellulose acetate butyrate. 2,439,093, Apr. 6.

Meyers, Eugene J., assignor to Hayes, Meyers and Hoagland, Los Angeles, Calif. Thermal timer for heating apparatus. 2,439,017, Apr. 6.

Middlestadt, William F., Baltimore, assignor to The James Gibbons Company, Relay, Md. Apparatus for melting plastic compositions. 2,439,367, Apr. 6.

Miles, George S., New York, N. Y., assignor to Bendix Aviation Corporation, Teterboro, N. J. Linear follow-up system. 2,439,094, Apr. 6.

Miles Park Machine & Tool, Inc., assignee: *See*—
King, John W. and McNamee.

Miller, Edward A., Milwaukee, Wis. Mechanical scrub brush. 2,439,344, Apr. 6.

Miller, Homer D., Canton, Ohio. Safety clip. 2,439,018, Apr. 6.

Minneapolis-Honeywell Regulator Company, assignee: *See*—
Wilson, John M.

Independent Pneumatic Tool Company, assignee: *See*—
Forss, Frithiof P.

Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Centerless grinder. 2,439,303, Apr. 6.

Indium Corporation of America, The, assignee: *See*—
Ellsworth, Harold D.

Industrial Patents Corporation, assignee: *See*—
Bloom, Oscar T.
McGinnis, Albert S., and Berry.
McKee, Harry H., Keefer, and McCue.

Infilco Incorporated, assignee: *See*—
Adelson, Samuel L.

Institute of Paper Chemistry, The, assignee: *See*—
Rowland, Ben W., and Fronmuller.

International Staple and Machine Company, assignee: *See*—
Schafroth, Werner.

Jackson, Marshal E., Kalamazoo, Mich. Decoy. 2,439,167, Apr. 6.

Jackson, William H., Johnstown, Pa. Aeroplane empennage. 2,439,304, Apr. 6.

Jacobson, Henning W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dithiadecane diester. 2,439,212, Apr. 6.

Jenkins, Francis J., Hurlstone Park, New South Wales, Australia. Combined table and electrically heated hot plates. 2,439,133, Apr. 6.

Jensen, Frants V., assignor to Jensen Specialties, Inc., Detroit, Mich. Oven with infrared lamp. 2,439,005, Apr. 6.

Jensen Specialties, Inc., assignee: *See*—
Jensen, Frants V.

Jerome, Arthur L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Coded track circuits for highway crossing signals. 2,439,006, Apr. 6.

Johnson, Clarence, South Euclid, Ohio, assignor to Bailey Meter Company. Fluid flow regulator. 2,438,973, Apr. 6.

Johnson, Theodore M., Burbank, and E. G. Reed, Los Angeles, Calif. Movable base mounted axially collapsing type tire removing device. 2,439,135, Apr. 6.

Johnson, William C., assignor to Prister and Vogal Tanning Company, Milwaukee, Wis. Machine for brushing and cleaning plates. 2,439,305, Apr. 6.

Jones, David D., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Extruding apparatus. 2,438,974, Apr. 6.

Jones, George E., London, England. Clutch and brake mechanism. 2,439,134, Apr. 6.

Jones, John E., Spondon, near Derby, England, assignor, by mesne assignments, to Celanese Corporation of America. Alkyl cellulose stabilized with an N,N, dialkylated diamine. 2,438,975, Apr. 6.

Jordan, Clayton E., Prescott, Ariz. Pencil sharpener. 2,439,252, Apr. 6.

Kahn, Earl, Chicago, Ill. Toy bank. 2,439,136, Apr. 6.

Kahn, Robert L., trustee: *See*—
Bussey, William H.

Kail, Karl A., Montrose, Pa., assignor to Link Aviation, Inc. Constant speed propeller simulating means for aviation trainers. 2,439,168, Apr. 6.

Kamborian, Jacob S., West Newton, Mass. Apparatus for lasting footwear. 2,438,917, Apr. 6.

Kamborian, Jacob S., West Newton, Mass. Method of and apparatus for use in lasting footwear. 2,438,918, Apr. 6.

Kamborian, Jacob S., West Newton, Mass. Lasting shoes. 2,438,919, Apr. 6.

Kamborian, Jacob S., West Newton, Mass. Shoe counter. 2,438,920, Apr. 6.

Kamborian, Jacob S., West Newton, Mass. Retaining means for expansible lasts. 2,438,921, Apr. 6.

Kangol Wear Limited, assignee: *See*—
Huber, Gustav.

Katzenstein, Max: *See*—
Emmey, Charles, and Katzenstein.

Kearney, James R., Corporation, assignee: *See*—
Fox, Charles A.
Kratoville, Frank M., and Cunningham.

Keating, Harry C., Buffalo, N. Y. Electrical outlet box. 2,439,090, Apr. 6.

Keating, Harry C., Buffalo, N. Y. Electrical outlet box mounting. 2,439,091, Apr. 6.

Keefer, Herbert W.: *See*—
McKee, Harry H., Keefer, and McCue.

Keithley, Tim P., and L. O. Chandler, Middletown, Mo.; said Keithley assignor to said Chandler. Two-way cattle and hog feeder. 2,439,007, Apr. 6.

Kellem, James F., assignor of one-half to T. E. Meade, Vancouver, Wash. Drill stand and gauge. 2,439,008, Apr. 6.

Keller, Auguste V., Long Island City, assignor to Thompson's Ltd., New York, N. Y. Laminated plastic article. 2,439,137, Apr. 6.

Kemp, Woodrow E.: *See*—
Sturrock, Murray G., Lowe, and Kemp.

Kendrick, John F., Elizabeth, N. J. Self-locking nut. 2,439,253, Apr. 6.

Kern & Co. A. G., assignee: *See*—
Wild, Heinrich.

Kernan, William: *See*—
Mulligan, Wayne A., and Kernan.

Kimber, Arthur: *See*—
Hatala, Raymond F., and Kimber.

King, John W., and J. J. McNamee, assignors to Miles Park Machine & Tool, Inc., Cleveland, Ohio. Clamp. 2,439,364, Apr. 6.

Kispersky, John P.: *See*—
Seymour, Raymond B., and Kispersky.

Kispersky, John P., West La Fayette, Ind., and R. B. Seymour, Chattanooga, Tenn., assignors to Monsanto Chemical Company. Heat-resistant copolymer of styrene and parachloro-alpha methylstyrene. 2,439,213, Apr. 6.

Kite Aircraft Corporation, assignee: *See*—
Brantly, Newby O.

Kittredge, Raymond E., Binghamton, N. Y., assignor to Link Aviation, Inc. Training device. 2,439,169, Apr. 6.

Kjos, Earl, assignee: *See*—
Baker, James A.

Klemperer, Wolfgang B., Los Angeles, and E. H. Pier, West Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Computer. 2,439,365, Apr. 6.

Knorr, Camillo A., East Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Telephone set. 2,438,922, Apr. 6.

Kobischke, Herbert: *See*—
Wunsch, Guido, Weinkauff, Sadowski, and Kobischke.

Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Rectifier. 2,439,224, Apr. 6.

Kohrman, Hubert, Danbury, Conn. Apparatus for making artificial teeth. 2,439,138, Apr. 6.

Korff, Walter H., assignor to Lockheed Aircraft Corporation, Burbank, Calif. Tailless airplane. 2,439,048, Apr. 6.

Kotterman, Chester A., Livingston, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Making selenium elements. 2,438,923, Apr. 6.

Kramer, Alexander E., Hyattsville, Md., and V. F. Lucht, Washington, D. C. Muzzle closure device for guns. 2,438,924, Apr. 6.

Krantz, Hubert K., Rockville Centre, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetostrictive submarine signal transmitter or receiver. 2,438,925, Apr. 6.

Kratoville, Frank M., St. Louis, and F. M. Cunningham, Maplewood, assignors to James R. Kearney Corporation, St. Louis, Mo. Rolling machine. 2,439,170, Apr. 6.

Kreider, Benjamin R., Manheim, Pa. Wiping device for oil gauge rods. 2,439,171, Apr. 6.

Kropa, Edward L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Liquid copolymer of beta myrcene and para methyl styrene. 2,439,343, Apr. 6.

Kujawski, Barney, assignor to Thurner Engineering Company, Milwaukee, Wis. Flexible joint. 2,439,009, Apr. 6.

Kurti, Alexander: *See*—
Sanford, Roy S., and Kurti.

Labin, Emile, New York, and D. D. Grieg, Forest Hills, N. Y., assignors to Federal Telephone and Radio Corporation. Modulation means and method. 2,438,927, Apr. 6.

Labin, Emile, New York, and D. D. Grieg, Forest Hills, N. Y., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Cathode-ray tube pulse demodulator system. 2,438,928, Apr. 6.

Lacey, Leo: *See*—
Brown, Louis, and Lacey.

La Chapelle, Albert L., assignee, et al.: *See*—
La Chapelle, Euclid I.

La Chapelle, Beatrice H., assignee, et al.: *See*—
La Chapelle, Euclid I.

La Chapelle, Euclid I., Brockton, Mass., assignor of one-fourth to A. L. La Chapelle, one-fourth to B. H. La Chapelle, and one-fourth to R. E. La Chapelle. Shoe forepart bottom filler. 2,439,172, Apr. 6.

La Chapelle, Rachel E., assignee, et al.: *See*—
La Chapelle, Euclid I.

La Crosse Rubber Mills Company: *See*—
Larkin, Leo J., Regan, and Larkin.

Lacy Manufacturing Company, assignee: *See*—
Sandberg, William A.

Laidley, Clarence D., Los Angeles, Calif. Gasket. 2,439,306, Apr. 6.

Landis & Gyr, A. G., assignee: *See*—
Weber, Ernst, Pudelko, Bollmann, and Wermeille.

Lane, Maurice W.: *See*—
Bartelheim, Leland A., and Lane.

Lange, Edward H., Baltimore, Md. Portable collapsible power-distribution tower for electric lawn mowers. 2,439,010, Apr. 6.

Langmuir, David B., Englewood, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,439,173, Apr. 6.

Larkin, Gerald A.: *See*—
Larkin, Leo J., Regan, and G. A. Larkin.

Larkin, Leo J., J. J. Regan, and G. A. Larkin, assignors to La Crosse Rubber Mills Company, La Crosse, Wis. Vulcanizer. 2,439,011, Apr. 6.

Larson, Charles J., Warren, Minn. Brush attachment for mop handles. 2,439,174, Apr. 6.

Latta, Lynn H.: *See*—
Nuffer, Joseph H., and Latta.

Lautmann, Alfred J., Detroit, Mich. Rivet. 2,438,976, Apr. 6.

Lawe, Thomas: *See*—
Sturrock, Murray G., Lawe, and Kemp.

Leaf, Walter B., Denver, Colo. Foam suppressing apparatus. 2,438,929, Apr. 6.

Ledford, Hershel B., Dahlonega, Ga. Wheel and axle construction. 2,439,012, Apr. 6.

Lee, Russell: *See*—
Simpson, Thomas P., Lee, and Ray.

Leekley, Robert M., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Simultaneous dimerization and reduction. 2,439,308, Apr. 6.

Legatski, Harold R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovery and purification of cyclopentadiene. 2,439,307, Apr. 6.

Lehmann, Gerard J.: *See*—
Chevigny, Paul G., and Lehmann.

Lenske, Louis G., Los Angeles, Calif., now, by change of name, Gene Shelly. Shoulder pad. 2,438,930, Apr. 6.

Le Roi Company, assignee: *See*—
Feucht, Albert.

Lesko, John S., Bridgeport, Conn. Display rack. 2,439,049, Apr. 6.

Lesniak, Frank G.: *See*—
Bowen, Rees T., Head, and Lesniak.

Le Tourneau, R. G., Inc., assignee: *See*—
Le Tourneau, Robert G.

Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Power scoop. 2,439,130, Apr. 6.

Levin, Joseph H., Brooklyn, N. Y. Joint for air ducts and the like. 2,439,254, Apr. 6.

Lindsey, Richard V., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Copolymers of alpha, beta-ethylenically unsaturated phosphonic acid derivatives. 2,439,214, Apr. 6.

Link Aviation, Inc., assignee: *See*—
Kail, Karl A.
Kittredge, Raymond E.

Linstrom, Floyd T., assignor of one-third to G. B. Waldron and one-third to C. H. Callison, Denver, Colo. Apparatus for indicating pressure at a distance. 2,439,092, Apr. 6.

Litton, Charles V., Redwood City, Calif., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Variable condenser. 2,438,931, Apr. 6.

Lloyd, George G., assignor to Loftus Engineering Corporation, Inc., Pittsburgh, Pa. Industrial furnace and operating the same. 2,439,309, Apr. 6.

Lockheed Aircraft Corporation, assignee: *See*—
Korff, Walter H.

Loftus Engineering Corporation, Inc., assignee: *See*—
Lloyd, George G.

Longfellow, Richard C., Schenectady, N. Y., assignor to General Electric Company. Capacitor switch. 2,439,255, Apr. 6.

Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Timing circuit. 2,439,256, Apr. 6.

Lowengardt, Paul: *See*—
Elsas, William D., Lowengardt, and Scheftel.

Lower, Carl F., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,439,013, Apr. 6.

Lowry, Robert D.: *See*—
Thayer, Gordon B., and Lowry.

Lucht, Victor F.: *See*—
Kramer, Alexander E., and Lucht.

Luhrmann, George W., Cedar Brook, N. J. Apparatus for preparing finely divided fibre stock for fluid conveyance. 2,439,014, Apr. 6.

Lum, Walter O., Schenectady, N. Y., assignor to General Electric Company. Fuel atomizing nozzle. 2,439,257, Apr. 6.

Lund, Arthur D., Minneapolis, Minn., assignor to Solar Corporation, Milwaukee, Wis. Clothes-washing machine having reciprocating clothes receptacle with restricted passageway. 2,439,215, Apr. 6.

Lundquist, Wilton G., Hohokus, N. J., assignor to Wright Aeronautical Corporation. Valve gear. 2,439,175, Apr. 6.

M. P. P. (Products) Limited, assignee: *See*—
Willetts, Arthur K., and Rendle.

Mahren, Arthur, Long Island City, N. Y., assignor to Federal Telephone and Radio Corporation, East Newark, N. J. Testing cables. 2,438,932, Apr. 6.

Mallard, Logan L., Norfolk, assignor of one-half to B. M. Wolf, Norfolk County, Va. Connector. 2,439,176, Apr. 6.

Mallory, Henry R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Vibratory switching device for oscillographs. 2,439,050, Apr. 6.

Mallory, P. R. & Co., Inc., assignee: *See*—
Mallory, Henry R.
Slater, Ira M.

Mancuso, Frank M., Concord, Staten Island, N. Y. Detachable heel. 2,439,310, Apr. 6.

Manning, Lester C., assignor to R. L. Senter, Oklahoma City, Okla. Apparatus for dehydration of oil. 2,439,177, Apr. 6.

Marchand, Michelle, Flushing, N. Y. Illuminated ornament. 2,439,178, Apr. 6.

Markin, Louis, Chicago, Ill., assignor to Society Brand Clothes, Inc. Trousers. 2,438,933, Apr. 6.

Marsh, Walter H., Crafton, Pa., assignor to Rockwell Manufacturing Company. Temperature compensated meter. 2,438,934, Apr. 6.

Marsh, Walter H., Crafton, Pa., assignor to Rockwell Manufacturing Company. Temperature compensated meter. 2,438,935, Apr. 6.

Marshall Furnace Co., assignee: *See*—
Stout, Claude S.

Martin, Glenn L., Company, The, assignee: *See*—
De Weese, Joseph C.

Mason, George T., Glendale, assignor to Alfred A. Nathanson, North Hollywood, Calif. Combination lock. 2,439,140, Apr. 6.

Mason, James A.: *See*—
Molins, Desmond W., Harvey, Mason and Powell.

Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromechanical transducer. 2,438,936, Apr. 6.

Masonite Corporation, assignee: *See*—
Bowen, Rees T., Head and Lesniak.

Mathieson Alkali Works, Inc., The, assignee: *See*—
Clark, Charles C.
Cunninghan, George L., and Robinson.

Matricon, Marcel, Paris, France, assignor to General Electric Company. Vacuum pump. 2,439,258, Apr. 6.

Maybery, Elbert, St. Louis, Mo. Snow skate. 2,439,311, Apr. 6.

McBee Company, The, assignee: *See*—
Welk, Nelson S.

McClelland, James B., Wilkinsburg, Pa. Metalworking machine. 2,439,015, Apr. 6.

McCormack, Arden J., Portland, Mich. Field pick up hay chopper. 2,439,259, Apr. 6.

McCue, William J.: *See*—
McKee, Harry H., Keefer and McCue.

McLaughlin, Leone, assignor to Wingfoot Corporation, Akron, Ohio. Self-sealing container. 2,439,366, Apr. 6.

McGill, John H., Manchester, England, assignor to Imperial Chemical Industries Limited. Flexible sheet material comprising a surface coating containing polyvinyl chlorides. 2,439,051, Apr. 6.

McGinnis, Albert S., and Harry Berry, Cairo, assignors to Industrial Patents Corporation, Chicago, Ill. Lint cleaning apparatus. 2,439,179, Apr. 6.

McGlaun, Jasper E., Shellman, Ga. Resilient wheel. 2,439,312, Apr. 6.

McIntosh, Robert D., River Forest, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Shutoff valve mechanism. 2,439,052, Apr. 6.

McKee, Harry H., Herbert W. Keefer, and William J. McCue, assignors to Industrial Patents Corporation, Chicago, Ill. Producing dried meat. 2,439,180, Apr. 6.

McLellan, David S., Longview, Wash., assignor to Reynolds Metals Company, Richmond, Va. Removing metallic iron from a fused alumina-cryolite composition. 2,439,216, Apr. 6.

McNamee, James J.: *See*—
King, John W. and McNamee.

Meade, Reginald E., and John F. Crews, Appleton, Wis., assignors to Western Condensing Company, San Francisco, Calif. Apparatus for heating sensitive materials. 2,439,260, Apr. 6.

Meade, Thomas E., assignee: *See*—
Kellem, James F.

Meagher, Ralph E., Watertown, Mass., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War. Electrical circuit. 2,439,313, Apr. 6.

Meehan, Howard M.: *See*—
Beardsley, Harry I. and Meehan.

Meidenbauer, Phillip E., Jr., assignor to Scott Aviation Corporation, Lancaster, N. Y. Breathing apparatus. 2,439,016, Apr. 6.

Meighan, William A., Portland, Oreg. Flat terminal fitting. 2,439,141, Apr. 6.

Metzler, Charles L., Palisades Park, N. J., assignor to Globe Slicing Machine Co. Inc., Stamford, Conn. Slice receiving mechanism for reciprocating carriage slicing machines. 2,438,937, Apr. 6.

Meyer, Lester W. A., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Thermoplastic compositions containing cellulose acetate butyrate. 2,439,093, Apr. 6.

Meyers, Eugene J., assignor to Hayes, Meyers and Hoagland, Los Angeles, Calif. Thermal timer for heating apparatus. 2,439,017, Apr. 6.

Middlestadt, William F., Baltimore, assignor to The James Gibbons Company, Relay, Md. Apparatus for melting plastic compositions. 2,439,367, Apr. 6.

Miles, George S., New York, N. Y., assignor to Bendix Aviation Corporation, Teterboro, N. J. Linear follow-up system. 2,439,094, Apr. 6.

Miles Park Machine & Tool, Inc., assignee: *See*—
King, John W. and McNamee.

Miller, Edward A., Milwaukee, Wis. Mechanical scrub brush. 2,439,344, Apr. 6.

Miller, Homer D., Canton, Ohio. Safety clip. 2,439,018, Apr. 6.

Minneapolis-Honeywell Regulator Company, assignee: *See*—
Wilson, John M.

Missien, Edward J.: *See*—
Weyandt, Carl S., and Missien.

Mitchell, Bert J., Dallas, Tex. Roof. 2,439,095, Apr. 6.

Molins, Desmond W., V. P. Harvey, J. A. Mason, and G. F. W. Powell, assignors to Molins Machine Company Limited, Deptford, London, England. Loading and firing mechanism for quick-firing guns. 2,439,142, Apr. 6.

Molins Machine Company, Limited, assignee: *See*—
Molins, Desmond W., Harvey, Mason and Powell.

Momberg, James W.: *See*—
Fuge, Harry B. and Momberg.

Monsanto Chemical Company, assignee: *See*—
Emerson, William S.
Kispersky, John P. and Seymour.
Seymour, Raymond B.
Seymour, Raymond B., and Kispersky.

Moore, George L., Detroit, Mich. Lubricating device. 2,439,053, Apr. 6.

Morey, Donald R.: *See*—
Tamblyn, John W. and Morey.

Morris, Rupert C., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Hydrocarbon-substituted thiacyclopentane-1,1-dioxide. 2,439,345, Apr. 6.

Morse, Normand W., Chicago, assignor, by mesne assignments, to Gray-Mills Corporation, Evanston, Ill. Key shafts and rotors and producing same. 2,439,019, Apr. 6.

Mosthof, Edwin, Orange, N. J. Model aeroplane. 2,4393,054, Apr. 6.

Mott, Edward E., Upper Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetostrictive supersonic transducer. 2,438,926, Apr. 6.

Mulligan, Wayne A., Utica, and W. Kernan, New Hartford, assignors to Skenandoa Rayon Corporation, Utica, N. Y. Apparatus for treating yarn packages with fluids. 2,439,314, Apr. 6.

Mullins Manufacturing Corporation, assignee: *See*—
Stanitz, Jacques.

Munchauer, Frederick E., assignor to Niagara Machine & Tool Works, Buffalo, N. Y. Machine tool. 2,439,368, Apr. 6.

Munshower, Clarence F., assignor to Colbar, Inc., Columbus, Ohio. Forced air circulation cooler for bottled beverages. 2,439,261, Apr. 6.

Naidor, George, Gouldsboro, Pa. Open heel shoe having a heel covering and making same. 2,439,217, Apr. 6.

Nalbach, John R., Oak Park, and W. F. Gresham, Chicago, Ill. Power operated mechanism. 2,439,262, Apr. 6.

Nash, James, assignor to Eclipse Moulded Products Company, Milwaukee, Wis. Parallel ruler and making the same. 2,439,346, Apr. 6.

Nathanson, Alfred A., assignee: *See*—
Mason, George T.

National Folding Box Company, Incorporated, assignee: *See*—
Williamson, M. I.

National Lead Company, assignee: *See*—
Worrall, George H.

National Pneumatic Company, assignee: *See*—
Parvin, Edward G.

Navy, United States of America as represented by the Secretary of the, assignee: *See*—
Halsey, Arthur S.
Hickman, Clarence N.

Neffen, Karl F.: *See*—
Peters, Chauncey G., Harris, Emerson, Cooter, and Neffen.

Nell, Burnice W., assignee, et al.: *See*—
Nell, Orville.

Nell, Johnnie E., assignee, et al.: *See*—
Nell, Orville.

Nell, Orville, assignor of one-fourth to J. E. Nell, Bridgeport, and one-fourth to B. W. Nell, Mount Carmel, Ill. Railway switch operating and locking means. 2,439,020, Apr. 6.

Nemeth, Stephan P., Chicago, Ill. Toy helicopter. 2,439,143, Apr. 6.

Nesbitt, William J.: *See*—
Wollin, Robert H.

New, Archibald A.: *See*—
Scott, Thomas R., and New.

Newhall, Carl A., Peabody, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sewing machine shuttle. 2,438,938, Apr. 6.

Newton, John A., and N. Hoertz, assignors to Thompson Products, Inc., Cleveland, Ohio. Seal construction. 2,439,315, Apr. 6.

Niagara Machine & Tool Works, assignee: *See*—
Munschauer, Frederick E.

Nicholson, Madison G., Jr.: *See*—
Burlingame, Ernest D., Carlson, Nicholson, and Scott.

Nicol, William H., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Condensation derivatives of rubber. 2,439,369, Apr. 6.

Nicoll, Frederick H., Princeton, N. J., assignor to Radio Corporation of America. Luminescent screen. 2,439,181, Apr. 6.

Nielsen, A. C., Company, assignee: *See*—
Clark, Robert A., Jr.

Norton Company, assignee: *See*—
Drown, William L.
Fetterley, Guy H.
Indge, Herbert S.

Nuffer, Joseph H., Toledo, Ohio, and L. H. Latta, Deerfield, Ill., assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Blower control device for suction cleaners. 2,439,182, Apr. 6.

O. K. Ko-Op Rubber Welding System, assignee: *See*—
French, Elby E.

Obergfell, Amanda, executrix: *See*—
Obergfell, Herbert F.

Obergfell, Herbert F., deceased, late of River Forest, Ill., by A. Obergfell, executrix, River Forest, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone substation set. 2,439,218, Apr. 6.

O'Connor, John C., Dayton, Ohio. Apparatus for transmitting intense vibrations for performing work. 2,439,219, Apr. 6.

Olson, Olaf P.: *See*—
Hoffman, Widof J.

Orton, Merritt K., assignor to American Seating Company, Grand Rapids, Mich. Retracting type theater chair. 2,439,370, Apr. 6.

Overstedt, Ernest A., assignor to L. M., W. R., and F. R. Dalzen, trustees, Dalzen Trust, Detroit, Mich. Grinding wheel dresser. 2,439,263, Apr. 6.

Ozai-Durrani, Ataullah K., Stuttgart, Ark., assignor to General Foods Corporation, New York, N. Y. Quick-cooking rice and making same. 2,438,939, Apr. 6.

Page, Herbert E., Pasadena, Calif. Hydraulic jack. 2,439,183, Apr. 6.

Parco Manufacturing Company, assignee: *See*—
Rhodes, Harry E.

Parker Appliance Company, The, assignee: *See*—
Hartley, Emmett C., and Hull.

Parsons, William F.: *See*—
Thuline, Horace C., Parsons, and Waugh.

Parvin, Edward G., Roselle, N. J., assignor to National Pneumatic Company, New York, N. Y. Magnetic flaw detector. 2,439,184, Apr. 6.

Patt, Conrad J., Chicago, Ill. Ladder attachment step. 2,439,185, Apr. 6.

Pattee, John R., assignor to The Bristol Company, Waterbury, Conn. Electric motor control system. 2,439,096, Apr. 6.

Patton, Charles C.: *See*—
Dillinger, Joy F., and Patton.

Paul, William E., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,439,264, Apr. 6.

Payne, F. S., Co., assignee: *See*—
Tarbox, Arthur M.

Peacock, Willie S., Atlanta, Ga. Crutch. 2,439,316, Apr. 6.

Pennoyer, Douglas H., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Range and azimuth simulating system for radar instruction. 2,438,940, Apr. 6.

Perkins, John, London, England. Device for sharpening drills. 2,439,144, Apr. 6.

Pernini, Henry M., Chicago, and Nano F. Contardi, Highland Park, Ill. Hot clamp. 2,439,347, Apr. 6.

Peters, Chauncey G., Calvert County, Md., F. K. Harris, Washington, D. C., W. B. Emerson, York County, Maine, I. L. Cooter, Arlington, Va., and K. F. Neffen, Elkins, W. Va., assignors to the United States of America as represented by the Secretary of Commerce. Diamond die production and the like. 2,438,941, Apr. 6.

Peterson, Victor W., Chicago, Ill., assignor to Hannifin Corporation. Cylinder honing. 2,439,317, Apr. 6.

Petrokubi, John L.: *See*—
Feild, Theophilus A., Jr., Rugeley, and Petrokubi.

Pfister and Vogel Tanning Company, assignee: *See*—
Johnson, William C.

Philco Corporation, assignee: *See*—
Dunn, James C.

Phillips Petroleum Company, assignee: *See*—
Hovey, Roger S., and Carnell.
Hudson, Thomas B., and Upham.
Logatski, Harold R.
Quigg, Harold T.
Robinson, Sam P.

Pier, Everett H.: *See*—
Klemperer, Wolfgang B., and Pier.

Pierce, Irving, Dallas, Tex. Undergarment. 2,439,097, Apr. 6.

Pieth, Peter: *See*—
Straub, Fritz, Brassel, and Pieth.

Pohle, Eric, Clifton, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Mechanical support for insulators. 2,439,186, Apr. 6.

Polk, Edwin H., U. S. Navy. Wing air slot. 2,438,942, Apr. 6.

Porcelli, Albert J., New York, N. Y. Sandblasting machine. 2,438,943, Apr. 6.

Porter, Henry D.: *See*—
Weissberger, Arnold, and Porter.

Porter, Henry D., and A. Weissberger, Rochester, N. Y., and W. A. Gregory, Oak Ridge, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Alkoxy pyrazolone couplers. 2,439,098, Apr. 6.

Porter, Louis M., Englewood, Colo. Incubator. 2,439,145, Apr. 6.

Powell, Gordon F. W.: *See*—
Molins, Desmond W., Harvey, Mason, and Powell.

Pratt, Verneur E., and G. F. Gray, Norwalk, Conn. Optical system for microfilm apparatus. 2,439,055, Apr. 6.

Press-On Inc., assignee: *See*—
Emmey, Charles, and Katzenstein.

Pudelko, Richard: *See*—
Weber, Ernst, Pudelko, Bollmann, and Wermeille.

Pullman-Standard Car Manufacturing Company, assignee: *See*—
Rothfuchs, Oscar E.

Quigg, Harold T., Bartlesville, Okla., assignor to Phillips Petroleum Company. Preparation of saturated hydrocarbons. 2,439,021, Apr. 6.

Quilter, John R. C., Woking, England. Parachute pack. 2,439,318, Apr. 6.

Radio Corporation of America, assignee: *See*—
Bedford, Alda V.
Blitz, Daniel.
Brown, George H.
Crosby, David R.
Cunningham, David H., and Belar.
Hillier, James.
Koch, Winfield R.
Langmuir, David B.
Nicoll, Frederick H.
Schade, Otto H.
Stewart, Welby E.

Radio Patents Corporation, assignee: *See*—
Guanella, Gustav.

Radio Transmission Equipment Limited: *See*—
Bailey, Christopher E. G.

Ransley, Charles E., Sudbury, assignor to The General Electric Company, Limited, London, England. Crystal contacts of which one element is silicon. 2,438,944, Apr. 6.

Rathbun, Harry R., Glen Ellyn, Ill. Teeth cleaning applicator. 2,439,056, Apr. 6.

Ray, Frederick E.: *See*—
Simpson, Thomas P., Lee, and Ray.

Reed, Edgar G.: *See*—
Johnson, Theodore M., and Reed.

Regan, John J.: *See*—
Larkin, Leo J., Regan, and Larkin.

Relson, Morris: *See*—
Hansen, William W., Woodyard, and Relson.

Rendle, Theodore: *See*—
Willetts, Arthur K., and Rendle.

Ressetar, Nicholas J., Oneida, N. Y. Guard device for lock mechanism. 2,439,099, Apr. 6.

Reynolds Metals Company, assignee: *See*—
McLellan, David S.

Rhodes, Harry E., Kent, assignor to Parco Manufacturing Company, Cuyahoga Falls, Ohio. Comb. 2,438,945, Apr. 6.

Richards, Arthur R., Kalamazoo, Mich. Orthopedic device. 2,439,100, Apr. 6.

Richardson, Avery G., Boonton, N. J., and F. O. Chesus and F. G. Thomas, Islip, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J. Radio direction finding system. 2,438,946, Apr. 6.

Richardson Corporation, assignee: *See*—
Di Pietro, Carmelo V.

Rieke, John W., and R. J. Shank, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic modulation and modulation correction circuits. 2,438,947, Apr. 6.

Riesz, Robert R., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulating system. 2,438,948, Apr. 6.

Roach, Earl M., assignor to Arvey Corporation, Chicago, Ill. Collapsible display frame. 2,439,022, Apr. 6.

Robinson, Richard S.: *See*—
Cunningham, George L., and Robinson.

Robinson, Sam P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon conversion process. 2,439,023, Apr. 6.

Rockwell Manufacturing Company, assignee: *See*—
Marsh, Walter H.

Rogers, Elizabeth H. H., Toronto, Ontario, Canada. Safety gown. 2,439,101, Apr. 6.

Roos, Delmar G., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Apparatus for flushing foreign matter from bearings. 2,439,187, Apr. 6.

Rosemeyer, Charles E., Seattle, Wash. Sanding device. 2,438,977, Apr. 6.

Rosen, Henri E., Brookline, Mass. Child's boot. 2,438,978, Apr. 6.

Rothfuchs, Oscar E., Michigan City, Ind., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Floor clip. 2,439,220, Apr. 6.

Rothweiler, Charles O., Milwaukee, Wis. Indicator adjustment for sextants. 2,439,102, Apr. 6.

Rowland, Ben W., and D. Fronmuller, assignors to The Institute of Paper Chemistry, Appleton, Wis. Silk treatment. 2,439,221, Apr. 6.

Ruebel, Harry N., Berlin, Md. Renewable valve seat. 2,439,024, Apr. 6.

Ruf, Casper A., assignee: *See*—
Settle, Samuel B.

Ruge, Arthur C., Cambridge, Mass., assignor to The Baldwin Locomotive Works. Load weighing device. 2,439,146, Apr. 6.

Rugeley, Edward W.: *See*—
Feild, Theophilus A., Jr., Rugeley, and Petrokubi.

Runcie, Walter O., Lima, Peru. Air pump attachment for sewing machines. 2,439,319, Apr. 6.

Ruppe, Peter B.: *See*—
Wyman, Thomas P., and Ruppe.

Russell, Fred J., Beverly Hills, assignor to Weiser Company, South Gate, Calif. Door or drawer latch. 2,439,057, Apr. 6.

Ryan, Lester R., Plymouth, Conn. Making hand tools. 2,439,058, Apr. 6.

S & S Corrugated Paper Machinery Co. Inc., assignee: *See*—
Cohen, Harry L.

Sadowski, Walter: *See*—
Wunsch, Guido, Weinkauff, Sadowski, and Kobischke.

Saffady, Thomas F., Detroit, assignor to Sav-Way Industries, Inc., Warren Township, Macomb County, Mich. Electric iron. 2,439,059, Apr. 6.

Saffady, Thomas F., Detroit, assignor to Sav-Way Industries, Inc., Warren Township, Macomb County, Mich. Electric iron. 2,439,060, Apr. 6.

Sage, Edwin R., Los Angeles, Calif. Tire pressure stabilizer. 2,439,188, Apr. 6.

Salo, Martin, and H. F. Vivian, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose ester melt-coating composition. 2,439,103, Apr. 6.

Sammons, Gordon W., Hagerstown, Md. Slide rule. 2,439,025, Apr. 6.

Sandberg, William A., assignor to Lacy Manufacturing Company, Los Angeles, Calif. Grounding system for gas tank welders. 2,439,371, Apr. 6.

Sandell, Henry K., assignor to Clarence E. Threedy, Chicago, Ill., as trustee. Amusement device. 2,439,104, Apr. 6.

Sanford, Roy S., and A. Kurti, Woodbury, assignors to The Autoyre Company, Incorporated, Oakville, Conn. Recoil absorber. 2,439,105, Apr. 6.

Sav-Way Industries, Inc., assignee: *See*—
Saffady, Thomas F.

Scalera, Mario, and R. E. Brouillard, Somerville, N. J., assignor to American Cyanamid Company, New York, N. Y. Pigment compositions. 2,439,222, Apr. 6.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Rectifier system. 2,439,223, Apr. 6.

Schafroth, Werner, Brookline, assignor to International Staple and Machine Company, Clifton Heights, Pa. Staple feeder. 2,439,189, Apr. 6.

Scheftel, Alexander: *See*—
Elsas, William D., Lowengardt, and Scheftel.

Schneider, Emmor V., assignor to The Alliance Manufacturing Company, Alliance, Ohio. Adjustable compensating turntable drive. 2,439,026, Apr. 6.

Schroeder, Leroy E., Elmwood Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electroplating rack. 2,439,190, Apr. 6.

Schroeder, William M., Wnukegan, Ill. Internal-combustion engine. 2,439,265, Apr. 6.

Schwartz, Fernand F., Santiago, Chile. Manufacture of colloidal sulphur. 2,439,147, Apr. 6.

Scott Aviation Corporation, assignee: *See*—
Meldenbauer, Phillip E., Jr.

Scott, Maxwell C.: *See*—
Burlingame, Ernest D., Carlson, Nicholson, and Scott.

Scott, Thomas R., and A. A. New, assignors to Standard Telephones and Cables Limited, London, England. Electric insulation composition of polyvinyl chloride and polyalkylene polysulfide. 2,438,949, Apr. 6.

Scrivener, Arthur, Birmingham, England. Workpiece feeding device for centerless grinding and like machines. 2,439,225, Apr. 6.

Senter, Ralph L., assignee: *See*—
Manning, Lester C.

Settle, Samuel B., assignor to C. A. Ruf, Parkersburg, W. Va. Fabricating tanks. 2,439,266, Apr. 6.

Seyferth, Harold N., East Detroit, assignor to Ex-Cell-O Corporation, Detroit, Mich. Grinding machine for operating upon workpieces. 2,439,106, Apr. 6.

Seymour, Raymond B.: *See*—
Kispersky, John P., and Seymour.

Seymour, Raymond B., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Copolymers of fumarodinitrile and alpha-substituted styrenes. 2,439,226, Apr. 6.

Seymour, Raymond B., and J. P. Kispersky, assignors to Monsanto Chemical Company, Dayton, Ohio. Ternary interpolymers of styrene maleic anhydride and acrylonitrile. 2,439,227, Apr. 6.

Shafer, Julius E., Chicago, Ill. Resiliently mounted bearing. 2,439,267, Apr. 6.

Shafer, Julius E., Chicago, Ill. Floating pressure cam. 2,439,268, Apr. 6.

Shafer, Julius E., Chicago, Ill. Bearing mounting. 2,439,269, Apr. 6.

Shank, Robert J.: *See*—
Rieke, John W., and Shank.

Sharp, John C., Glen Ellyn, Ill., assignor to Hotpoint, Inc. Heating system. 2,439,270, Apr. 6.

Shaver, James B., University Heights, Ohio. Ventilator. 2,439,271, Apr. 6.

Shell Development Company, assignee: *See*—
Morris, Rupert C.

Shelly, Gene, change of name: *See*—
Lenske, Louis G.

Shields, Willie A., Powderly, Ala. Garment bag applying and removing device. 2,439,148, Apr. 6.

Sholtis, John, Jr., Farrell, Pa., and H. K. Embree, Hamilton, Ontario, Canada, assignors to Griplock, Inc., Hoboken, N. J. Machine for making wire straps. 2,439,272, Apr. 6.

Short, Frank L., New York, N. Y. Frame and harness for dog baths. 2,438,979, Apr. 6.

Shur-Antenna-Mount Inc.: *See*—
Shur, John W.

Shur, John W., assignor to Shur-Antenna-Mount Inc., Sea Cliff, N. Y. Antenna mounting. 2,439,061, Apr. 6.

Shur, John W., assignor to Shur-Antenna-Mount Inc., Sea Cliff, N. Y. Antenna mounting bracket. 2,439,062, Apr. 6.

Shur, John W., assignor to Shur-Antenna-Mount Inc., Sea Cliff, N. Y. Bracket for mounting antenna masts. 2,439,063, Apr. 6.

Signal Engineering & Manufacturing Company, assignee: *See*—
Bean, Roscoe D.

Silver, Martin: *See*—
Frankel, Sidney, and Silver.

Silvester, Austin G., Danvers, Mass., assignor to General Electric Company. Turbo-jet engine for aircraft propulsion. 2,439,273, Apr. 6.

Simplex Wrapping Machine Co., assignee: *See*—
Gaubert, Rene J.

Simpson, George, Toronto, Ontario, Canada. Milk bottle cover. 2,439,320, Apr. 6.

Simpson, Thomas P., Woodbury, and R. Lee and F. E. Ray, Mantua, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for conversion of hydrocarbons. 2,439,348, Apr. 6.

Simpson, Thomas P., Woodbury, N. J., assignor to Socony-Vacuum Oil Company. Hydrocarbon conversion. 2,439,372, Apr. 6.

Simpson, William R., Jr.: *See*—
Witmyer, Harry M.

Singer Manufacturing Company, The, assignee: *See*—
Becker, Rudolph.
Fuge, Harry B., and Momberg.

Skenandon Rayon Corporation, assignee: *See*—
Mulligan, Wayne A., and Kernan.

Slater, Ira M., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Vibrator circuit. 2,439,107, Apr. 6.

Smart, James C.: *See*—
Cooke, William H., and Smart.

Smicker, Emma A., assignor to Blossom Products Corporation, Allentown, Pa. Slipover garment. 2,439,149, Apr. 6.

Smith, Carl H., Jr., Washington, D. C. Pulse frequency modulation. 2,438,950, Apr. 6.

Smith, Frederick H., Buffalo, N. Y. Internal-combustion engine. 2,439,150, Apr. 6.

Smith, Robert W., Brunswick, Maine. Lock nut. 2,439,191, Apr. 6.

Society Brand Clothes, Inc., assignee: *See*—
Markin, Louis.

Society of Chemical Industry in Basle, assignee: *See*—
Straub, Fritz, Brassel, and Pieth.

Socony-Vacuum Oil Company, Incorporated, assignee: *See*—
Simpson, Thomas P.
Simpson, Thomas P., Lee, and Ray.

Solar Corporation, assignee: *See*—
Lund, Arthur D.

Spector, Theodore, New York, N. Y. Wrist band or strap for watches. 2,439,274, Apr. 6.

Sperry Corporation, The, assignee: *See*—
Ferrill, Thomas M., Jr.
Hansen, William W.

Spinnler, Viktor, Zurich, Switzerland. Adjustable clamping fixture for work-benches. 2,439,151, Apr. 6.

Spotz, Donald R., Cleveland, Ohio, assignor to Thompson Products, Inc., Cleveland, Ohio. Piston type quick disconnect coupling. 2,439,275, Apr. 6.

Staehle, Henry C., assignor to Eastman Kodak Company, Rochester, N. Y. Coating with polyvinyl alcohol. 2,439,108, Apr. 6.

Standard Oil Development Company, assignee: *See*—
Baskin, Charles M.

Standard Telephones and Cables Limited, assignee: *See*—
Scott, Thomas R., and New.

Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Table top construction. 2,439,027, Apr. 6.

Starr, Merle A., Belmont, Mass., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War. Electrical circuit. 2,439,321, Apr. 6.

Stearns, Edwin I., Jr., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Flickering beam photometer. 2,439,373, Apr. 6.

Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Hydraulic overload-release device or cushion for presses. 2,438,951, Apr. 6.

Sternad, Frank S., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tool for manipulating rubber. 2,439,064, Apr. 6.

Stewart, Welby E., Indianapolis, Ind., assignor to Radio Corporation of America. Speed control by means of tuning forks. 2,439,065, Apr. 6.

Stockton, Mason: *See*—
Stockton, William A. and M.

Stockton, William A. and M., Willows, Calif. Feeder for hay balers. 2,439,152, Apr. 6.

Stout, Claude S., assignor to Marshall Furnace Co., Marshall, Mich. Air-heating furnaces with selectively controlled radiator structure. 2,439,109, Apr. 6.

Straub, Fritz, Kaiseraugst, and J. Brassel and P. Pieth, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyes from dihydroxy benzidine. 2,439,153, Apr. 6.

Strehan, George E.: *See*—
Donahue, John S., and Strehan.

Strike, George N., Los Angeles, Calif. Valve. 2,439,110, Apr. 6.

Sturgis Products Company, The, assignee: *See*—
Castle, Carl H.

Sturrock, Murray G., T. Lawe, and W. E. Kemp, assignors to Dominion Tar & Chemical Company, Limited, Montreal, Quebec, Canada. Diaryl paraffins and their production. 2,439,228, Apr. 6.

Sulzer Frères, Société Anonyme, assignee: *See*—
Wiesendanger, Fritz.

Sun, Kuan-Han, and T. E. Callear, assignors to Eastman Kodak Company, Rochester, N. Y. Silicoborate glass. 2,439,192, Apr. 6.

Swartout Company, The, assignee,: *See*—
Wiseman, Earl L.

Syntron Company, assignee: *See*—
Weyandt, Carl S., and Missien.

Tack, Carl E., and F. E. Bachman, assignors to American Steel Foundries, Chicago, Ill. Shock strut. 2,439,349, Apr. 6.

Tamblyn, John W., and D. R. Morey, assignors to Eastman Kodak Company, Rochester, N. Y. Fractional precipitation of cellulose butyrates. 2,439,111, Apr. 6.

Tarbox, Arthur M., Belmont, assignor to F. S. Payne Co., Cambridge, Mass. Automatic adjustment for elevator brakes. 2,439,350, Apr. 6.

Taylor, Eugene V., Chicago, Ill. Food grinder having a perforated disc, a presser plate, and a rotary knife. 2,439,028, Apr. 6.

Teague, Walter D., New York, assignor to Eastman Kodak Company, Rochester, N. Y. Two-film camera. 2,439,112, Apr. 6.

Te Grotenhuis, Theodore A., Olmsted Falls, assignor to The General Tire & Rubber Company, Akron, Ohio. Curing pneumatic tires. 2,438,952, Apr. 6.

Temple, Robert B.: *See*—
Eksergian, Carolus L., Temple, and Hawthorne.

Texas Company, The, assignee: *See*—
Davies, James A.

Thaden, Herbert V., assignor to Thaden Jordan Furniture Corporation, Roanoke, Va. Chair. 2,439,322, Apr. 6.

Thaden Jordan Furniture Corporation, assignee: *See*—
Thaden, Herbert V.

Thayer, Gordon B., Saginaw, and R. D. Lowry, Midland, assignors to The Dow Chemical Company, Midland, Mich. Plastic tube fitting. 2,439,351, Apr. 6.

Thiele, Hazel L., St. Louis, Mo. Basket liner. 2,439,276, Apr. 6.

Thieme, George B., Jamaica, assignor to Bendix Aviation Corporation, Brooklyn, N. Y. Valve controlling mechanism. 2,439,113, Apr. 6.

Thomas, Frank G.: *See*—
Richardson, Avery G., Cheaus, and Thomas.

Thompson, Albert E., administrator: *See*—
Thompson, Francis E.

Thompson, Francis E., deceased, late of Lawrence, by A. E. Thompson, administrator, Methuen, Mass. Lawn mower gear and locking device. 2,438,980, Apr. 6.

Thompson Products, Inc., assignee: *See*—
Cummings, Robert E.
Giblan, Emil F.
Newton, John A., and Hoertz.
Spotz, Donald R.

Thompson's Ltd., assignee: *See*—
Keller, Auguste V.

Threedy, Clarence E., assignee: *See*—
Sandell, Henry K.

Thuline, Horace C., W. F. Parsons, and G. P. Waugh, assignors to Eastman Kodak Company, Rochester, N. Y. Thermoplastic lens cement. 2,438,953, Apr. 6.

Thurner Engineering Company, assignee: *See*—
Kujawski, Barney.

Timken Roller Bearing Company, The, assignee: *See*—
Buckwalter, Tracy V.

Townes, Charles H., Mendham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic oscillator of the cavity resonator type. 2,438,954, Apr. 6.

Tryon, Sager, Long Island City, and P. La Roche de Benneville, New York, N. Y., assignors to Allied Chemical & Dye Corporation. Insecticide comprising monoalkylated diphenylene sulfides and using same. 2,438,955, Apr. 6.

Tuttle, Eugene F., North Hollywood, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Riveting machine. 2,439,323, Apr. 6.

Underwood, Arthur F.: *See*—
Bidwell, Joseph B., and Underwood.

Union Switch & Signal Company, The, assignee: *See*—
Jerome, Arthur L.
Lower, Carl F.

United Aircraft Corporation, assignee: *See*—
Firestone, Floyd A.

United Shoe Machinery Corporation: *See*—
Ashworth, Fred.
Newhall, Carl A.

United States Rubber Company, assignee: *See*—
Daly, Lawrence E.

Upham, John D.: *See*—
Hudson, Thomas B., and Upham.

Vacha, Fred P., Atlantic, Mass., assignor, by mesne assignments, to First Industrial Corporation, Wilmington, Del. Electrical apparatus collector conditioning. 2,439,114, Apr. 6.

Vanderlyn, Daniel F., Ellenville, and J. N. Vanderlyn, Kingston, N. Y. T. S. Vanderlyn, executor of the estate of D. F. Vanderlyn, deceased. Invalid lift. 2,439,066, Apr. 6.

Vanderlyn, Jay N.: *See*—
Vanderlyn, Daniel F. and J. N.

Vanderlyn, Tracy S., executor: *See*—
Vanderlyn, Daniel F. and J. N.

Vanderscheer, James, Ridgewood, and E. H. Hull, Allendale, N. J., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y. Rocky Mountain spotted fever diagnostic antigen and preparation of the same. 2,439,229, Apr. 6.

Vivian, Harold F.: *See*—
Salo, Martin, and Vivian.

Viviano, Salvatore, Richmond Heights, Mo. Support for drying paste products. 2,439,115, Apr. 6.

Vogel, Howard H.: *See*—
Habicht, Louis A., and Vogel.

Waldron, Gerald B., assignee, et al.: *See*—
Linstrom, Floyd T.

Walker, Howard, Baltimore County, Md., assignor to Bendix Aviation Corporation, New York, N. Y. High-frequency coil. 2,439,277, Apr. 6.

Walker, Robert M., Belmont, Mass., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War. Electrical circuit. 2,439,324, Apr. 6.

War, Government of the United States of America, as represented by the Secretary of, assignee: *See*—
Clapp, Roger E.
Meagher, Ralph E.
Starr, Merle A.
Walker, Robert M.

Warner, Arthur J., South Orange, assignor to Federal Telephone and Radio Corporation, Newark, N. J. High-frequency cable. 2,438,956, Apr. 6.

Waterman, William, Chicago, Ill. Automatic cutoff. 2,439,116, Apr. 6.

Waterman, William, Chicago, Ill. Automatic cutoff. 2,439,117, Apr. 6.

Waterman, William, Chicago, Ill. Automatic cutoff device. 2,439,118, Apr. 6.

Waters, Harry F., New York, N. Y. Packaging method. 2,438,981, Apr. 6.

Watson-Williams Manufacturing Company, assignee: *See*—
Daboll, Walter F.

Waugh, George P.: *See*—
Thuline, Horace C., Parsons, and Waugh.

Webb, Byron H., assignor of one-half to G. M. Harper, Jr., Chicago, Ill. Detachable calendar mechanism for clocks. 2,439,154, Apr. 6.

Weber, Ernst, Uster, R. Pudelko, Zug, C. Bollmann, Zurich-Albisrieden, and H. Wermeille, Zug, assignors to Landis & Gyr, A. G., Zug, Switzerland. Small motor, particularly synchronous fractional horsepower motor. 2,439,193, Apr. 6.

Weinkauff, Bruno: *See*—
Wunsch, Guido, Weinkauff, Sadowski, and Kobischke.

Welser Company, assignee: *See*—
Russell, Fred J.

Weissberger, Arnold: *See*—
Porter, Henry D., Weissberger, and Gregory.

Weissberger, Arnold, and H. D. Porter, assignors to Eastman Kodak Company, Rochester, N. Y. Open chain active methylene color couplers. 2,439,352, Apr. 6.

Welk, Nelson S., assignor to The McBee Company, Athens, Ohio. Combined card punching and slotting machine. 2,439,029, Apr. 6.

Welk, Nelson S., assignor to The McBee Company, Athens, Ohio. Key-punch slotting machine. 2,439,030, Apr. 6.

Wermeille, Henri: *See*—
Weber, Ernst, Pudelko, Bollmann, and Wermeille.

Western Condensing Company, assignee: *See*—
Meade, Reginad E., and Crews.

Western Electric Company, Incorporated, assignee: *See*—
Bartelheim, Leland A., and Lane.
Dillinger, Joy F., and Patton.
Jones, David D.
Schroeder, Leroy E.

Westinghouse Electric Corporation, assignee: *See*—
Bergstrom, Carl O.

Weyandt, Carl S., Homer City, and E. J. Missien, Indiana, assignors, to Syntron Company, Homer City, Pa. Intermittent current operated motor. 2,439,230, Apr. 6.

Whitehouse, Herbert G., Tipton, England. Universal joint coupling. 2,439,231, Apr. 6.

Wiesendanger, Fritz, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Governing arrangement with servomotor. 2,439,325, Apr. 6.

Wild, Heinrich, Kuttigen, assignor to the firm Kern & Co. A. G., Aarau, Switzerland. Stand with an adjustable reception-plate capable of being tipped over in every direction. 2,439,194, Apr. 6.

Wilkes, Claude E., Birmingham, Ala. Ignition lock. 2,439,155, Apr. 6.

Willetts, Arthur K., and T. Rendle, Histon, assignors, by mesne assignments, to M. P. P. (Products) Limited, Norwich, England. Production of mashed potato powder. 2,439,119, Apr. 6.

Williamson, Marshall L., assignor, by mesne assignments, to National Folding Box Company, Incorporated, New Haven, Conn. Container. 2,438,982, Apr. 6.

Willys-Overland Motors, Inc., assignee: *See*—
Roos, Delmar G.

Wilson, Charles V., assignor to Eastman Kodak Company, Rochester, N. Y. 1-nitro-3-alkylanthrapyridone compounds and their preparation. 2,439,120, Apr. 6.

Wilson, John M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control panel. 2,439,326, Apr. 6.

Wilson, Rosser L., Mahwah, N. J., assignor to American Brake Shoe Company, New York, N. Y. Speed control apparatus. 2,438,983, Apr. 6.

Wilson, Sydney S., assignor to Goodall-Sanford, Inc., Sanford, Maine. Stop motion for pile wire looms. 2,439,031, Apr. 6.

Wingfoot Corporation, assignee: *See*—
McLaughlin, Leone.
Nicol, William Howard.

Wiseman, Earl L., University Heights, assignor to The Swartout Company, Cleveland, Ohio. Smoke jack. 2,439,353, Apr. 6.

Witmyer, Harry M., and William R. Simpson, Jr., Manheim, Pa. Artificial limb. 2,439,195, Apr. 6.

Wolcott, Herbert, Columbia, Mo. Supervisory signal system for water softeners. 2,439,354, Apr. 6.

Wolf, Barry M., assignee: *See*—
Mallard, Logan L.

Wolf, Robert A., Eggertsville, and Luell M. Graham, Williamsville, assignors to Bell Aircraft Corporation, Wheatfield, N. Y. Pneumatic aircraft float. 2,439,196, Apr. 6.

Wollin, Robert H., assignor to W. J. Nesbitt, Milwaukee, Wis. Garment hanger. 2,439,355, Apr. 6.

Wood, Joseph K., assignor to General Spring Corporation, New York, N. Y. Support device. 2,439,067, Apr. 6.

Woodyard, John R.: *See*—
Hansen, William W., Woodyard and Relson.

Works, Madden T., assignor to Cameron Iron Works, Houston, Tex. Crossover flow device. 2,439,327, Apr. 6.

Worrall, George H., Kirkwood, Mo., assignor to National Lead Company, New York, N. Y. Soft lead solder. 2,439,068, Apr. 6.

Wright, Harold R., West Kilbride, and W. G. Allan, Saltcoats, Scotland, assignors to Imperial Chemical Industries Limited. Plastic detonating compositions. 2,439,328, Apr. 6.

Wright Aeronautical Corporation, assignee: *See*—
Du Bois, George B.
Lundquist, Wilton G.

Wünsch, Guido, B. Weinkauff, W. Sadowski, and H. Kobischke, Berlin, Germany; vested in the Attorney General of the United States. Rudder machine for automatic pilots. 2,438,957, Apr. 6.

Wurtele, Allan R., Mix, La. Harvester-loader. 2,439,278, Apr. 6.

Wykoff, Garrett J., Yorktown, Va. Sheathed knife fastening. 2,439,197, Apr. 6.

Wyman, Thomas P., Suffern, and P. B. Ruppe, Bronxville, N. Y. Industrial truck and trailer. 2,439,232, Apr. 6.

Yardeny, Michel N., New York, N. Y. Electric control apparatus for rapidly placing a load in any desired position. 2,439,329, Apr. 6.

Yingling, Frank B., Hamilton, Ohio. Spot welding apparatus. 2,439,233, Apr. 6.

Zander, Otto J., Huguenot, N. Y. Signal and searchlight shutter. 2,439,330, Apr. 6.

LIST OF DESIGN INVENTIONS

Applicator or similar article for beauty and health treatments. D. M. Ackerman. 149,159, Apr. 6.
Ash tray and glass holder, Combined. R. M. Stafford. 149,232, Apr. 6.
Bottle. H. Genske. 149,178, Apr. 6.
Box, Fly. K. D. Richards. 149,218, Apr. 6.
Box, Novelty. G. H. Jolley. 149,184, Apr. 6.
Bracelet or similar article. A. Philippe. 149,210, Apr. 6.
Brooch or similar article. N. E. Jansen. 149,183, Apr. 6.
Brooch or similar article. A. Katz. 149,186, Apr. 6.
Brooch or similar article. A. Philippe. 149,212–14, Apr. 6.
Brooch or similar article, Separable. A. Katz. 149,187, Apr. 6.
Brooch or similar article, Separable. A. Katz. 149,189, Apr. 6.
Brush for camera lens and container for cleaning fluid, Combined. R. F. Matthews. 149,201, Apr. 6.
Cabinet or the like, Radio. J. B. Platt. 149,216, Apr. 6.
Camera or similar article. W. D. Teague. 149,233, Apr. 6.
Chair, Folding. W. H. Bond, Jr. 149,161, Apr. 6.
Chair, Bathroom vanity. E. J. Lux. 149,197, Apr. 6.
Compressor. W. P. Peterson. 149,207, Apr. 6.
Container, Boxlike. W. A. Eaton. 149,174, Apr. 6.
Desk unit, Combination. H. I. Salsbury. 149,228, Apr. 6.
Doll. R. De Vries. 149,172, Apr. 6.
Earring or similar article. M. Chernow. 149,167–8, Apr. 6.
Earring or the like. M. Chernow. 149,169–70, Apr. 6.
Earring or similar article. A. Philippe. 149,211, Apr. 6.
Electric rectifier, Portable. D. Chapman. 149,166, Apr. 6.
Faucet unit. J. M Little and A. L. Thomssen. 149,196, Apr. 6.
Faucet unit. C. L. Otto. 149,206, Apr. 6.
Fish lure. K. D. Richards. 149,217, Apr. 6.
Fish lure, Artificial. E. P. Vaars. 149,238, Apr. 6.
Fixture, Sink. J. M. Little. 149,195, Apr. 6.
Fixture, Sink. A. L. Thomssen and J. M. Little. 149,234, Apr. 6.
Flashlight or like article. F. Schlotterbeck. 149,230, Apr. 6.
Frame, Picture. S. Maugham. 149,202, Apr. 6.
Front, Store. N. Sharaf. 149,231, Apr. 6.
Golf tee or similar article. J. W. Tutt. 149,237, Apr. 6.
Headlight, Bicycle. O. F. Ingle. 149,182, Apr. 6.
Holder, Napkin. B. Katsben, Sr. 149,185, Apr. 6.
Juicer, Fruit. A. L. Lynne. 149,199, Apr. 6.
Knife holder and towel rack, Combined. J. T. Generale. 149,177, Apr. 6.
Knob for kitchen utensils. R. F. Krause. 149,191, Apr. 6.
Milling machine. W. B. Dulaney. 149,173, Apr. 6.
Mixer, Tilting type concrete. G. A. Fleischmann. 149,176, Apr. 6.
Necklace or similar article. A. Katz. 149,188, Apr. 6.
Necklace or similar article. A. Philippe. 149,208–9, Apr. 6.
Necklace or similar article. A. Philippe. 149,215, Apr. 6.
Ornament, Desk. V. Brown. 149,163–4, Apr. 6.
Paperweight. G. Scherff. 149,229, Apr. 6.
Ring, Finger. F. P. Kinsley. 149,190, Apr. 6.
Saw, Meat. D. A. Meeker, G. B. Fox, and B. E. Sullenberger. 149,203, Apr. 6.
Shelf. L. Wolf. 149,239, Apr. 6.
Shelf for bathroom cabinet or similar article. W. Fanelli and C. A. Laystrom. 149,175, Apr. 6.
Shoe or similar article. R. Bodie and S. C. Bronson. 149,160, Apr. 6.
Shoe, Winter sport. F. C. Treat. 149,236, Apr. 6.
Skimmer, Cream. F. E. Hale. 149,181, Apr. 6.
Slipper or similar article. J. Gregg. 149,179–80, Apr. 6.
Stand, Coffee maker. J. Cohen. 149,171, Apr. 6.
Stand or similar article, Display. M. H. Newman. 149,205, Apr. 6.
Standard, Chair end. W. H. Bond, Jr. 149,162, Apr. 6.
Templet, Drafting. R. I. Martin. 149,200, Apr. 6.
Toilet seat, Child's foldable. L. C. Neufeld. 149,204, Apr. 6.
Top, Percolator. R. F. Krause. 149,192, Apr. 6.
Toy vanity. E. J. Lux. 149,198, Apr. 6.
Toy, Walking figure. S. Capillo. 149,165, Apr. 6.
Trimming or similar article, Embroidered. A. E. Riedel. 149,219–27, Apr. 6.
Trimming or similar article, Embroidered. H. Tobler. 149,235, Apr. 6.
Vehicle or similar article, Wheeled. E. Larralde. 149,193–4, Apr. 6.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 6TH DAY OF APRIL, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Absorber, Recoil. R. S. Sanford and A. Kurti. 2,439,105, Apr. 6.
Adjustable compensating turntable drive. E. V. Schneider. 2,439,026, Apr. 6.
Adjusting contacts. F. C. Gill. 2,439,362, Apr. 6.
Aeroplane empennage. W. H. Jackson. 2,439,304, Apr. 6.
Aeroplane, Model. E. Mosthof. 2,439,054, Apr. 6.
Airplane, Tailless. W. H. Korff. 2,439,048, Apr. 6.
Air pump attachment for sewing machines. W. O. Runcie. 2,439,319, Apr. 6.
Alkyl cellulose stabilized with an N,N,dialkylated diamine. J. E. Jones. 2,438,975, Apr. 6.
Amplifier, Balanced. D. Blitz. 2,438,960, Apr. 6.
Amplifying coupling between a low resistance source and a high resistance circuit. W. H. Bussey. 2,439,072, Apr. 6.
Amusement device. H. K. Sandell. 2,439,104, Apr. 6.
Antenna mounting. J. W. Shur. 2,439,061, Apr. 6.
Antenna mounting bracket. J. W. Shur. 2,439,062, Apr. 6.
Apparatus for contouring metal. N. O. Brantly. 2,439,234, Apr. 6.
Apparatus for dehydration of oil. L. C. Manning. 2,439,177, Apr. 6.
Apparatus for electroplating rings and discs. H. M. Bell, III. 2,438,885, Apr. 6.
Apparatus for flushing foreign matter from bearings. D. G. Roos. 2,439,187, Apr. 6.
Apparatus for heating sensitive materials. R. E. Meade and J. F. Crews. 2,439,260, Apr. 6.
Apparatus for indicating pressure at a distance. F. T. Linstrom. 2,439,092, Apr. 6.
Apparatus for lasting footwear. J. S. Kamborian. 2,438,917, Apr. 6.
Apparatus for making artificial teeth. H. Kohrman. 2,439,138, Apr. 6.
Apparatus for melting plastic compositions. W. F. Middlestadt. 2,439,367, Apr. 6.
Apparatus for preparing finely divided fibre stock for fluid conveyance. G. W. Luhrmann. 2,439,014, Apr. 6.
Apparatus for the control of highway crossing signals. C. F. Lower. 2,439,013, Apr. 6.
Apparatus for transmitting intense vibrations for performing work. J. C. O'Connor. 2,439,219, Apr. 6.
Apparatus for treating yarn packages with fluids. W. A. Mulligan and W. Kernan. 2,439,314, Apr. 6.
Applicator, Teeth cleaning. H. R. Rathbun. 2,439,056, Apr. 6.
Applying and removing device, Garment bag. W. A. Shields. 2,439,148, Apr. 6.
Arrangement for translating devices, Protective. W. N. Gittings. 2,439,247, Apr. 6.
Assembling arcuate terminal banks. L. A. Bartelheim and M. W. Lane. 2,438,959, Apr. 6.
Attaching means. G. B. Du Bois. 2,439,161, Apr. 6.
Attenuator. E. Doucette. 2,439,160, Apr. 6.
Attitude gyro. R. L. Divoll. 2,439,358, Apr. 6.
Automatic adjustment for elevator brakes. A. M. Tarbox. 2,439,350, Apr. 6.
Automatic antitip device. A. S. Grzech and J. G. Debelius. 2,439,085, Apr. 6.
Automatic braking device. H. W. Allen. 2,438,887, Apr. 6.
Automatic clamping and deforming the ends of tubes. E. C. Hartley and H. E. Hull. 2,438,999, Apr. 6.
Automatic compensating gun control system. H. L. Donicht, R. F. Fischer, and E. B. Baldridge. 2,438,905, Apr. 6.
Automatic cutoff. W. Waterman. 2,439,116–18, Apr. 6.
Azo dyes from dihydroxy benzidine. F. Straub, J. Brassel, and P. Pieth. 2,439,153, Apr. 6.
Bag applying and removing device, Garment. W. A. Shields. 2,439,148, Apr. 6.
Ball game. T. J. Berning and M. P. Hoover. 2,439,333, Apr. 6.
Bearing: *See*—
  Resiliently mounted bearing. — Railway journal bearing.
Bearing mounting. J. E. Shafer. 2,439,269, Apr. 6.
Bearing testing machine. J. B. Bidwell and A. F. Underwood. 2,439,035, Apr. 6.
Belt, Trouser waist grip. A. D. Grisanti. 2,439,339, Apr. 6.
Belts, Making endless. B. A. Evans. 2,439,043, Apr. 6.
Beta-fluoroethyl thiolacetate, Producing. E. K. Ellingboe. 2,439,203, Apr. 6.
Bitumen coated fibrous material, Making. C. M. Baskin 2,438,890, Apr. 6.
Blade container. G. Dalkowitz. 2,439,243, Apr. 6.
Blower control device for suction cleaners. J. H. Nuffer and L. H. Latta. 2,439,182, Apr. 6.
Boot, Child's. H. E. Rosen. 2,438,978, Apr. 6.
Booth, Telephone. H. I. Beardsley and H. W. Meehan. 2,438,891, Apr. 6.
Box: *See*—
  Electrical outlet box.
Braced head dome valve. R. E. Cummings. 2,439,240, Apr. 6.
Bracket: *See*—
  Antenna mounting bracket.
Bracket for mounting antenna masts. J. W. Shur. 2,439,063, Apr. 6.
Breathing apparatus. P. E. Meidenbauer, Jr. 2,439,016, Apr. 6.
Brush attachment for mop handles. C. J. Larson. 2,439,174, Apr. 6.
Cable: *See*—
  High-frequency cable.
Calender mechanism for clocks, Detachable. B. H. Webb. 2,439,154, Apr. 6.
Camera, Two-film. W. D. Teague. 2,439,112, Apr. 6.
Can transfer and orienting mechanism. A. L. Christiansen. 2,439,075, Apr. 6.
Capacitor switch. R. C. Longfellow. 2,439,255, Apr. 6.
Car: *See*—
  Shuttle car.
Card punching and slotting machine, Combined. N. S. Welk. 2,439,029, Apr. 6.
Carrier for aircraft delivery. L. Brown and L. Lacey. 2,439,236, Apr. 6.
Case: *See*—
  Jewel case. — Refrigerated display case.
Casing for enclosing photographic shutters to exclude moisture and dirt therefrom, Protective. D. C. Harvey. 2,439,087, Apr. 6.
Casting reel. T. F. Horan. 2,439,298, Apr. 6.
Cathode-ray tube pulse demodulator system. E. Labin and D. D. Grieg. 2,438,928, Apr. 6.
Cellulose acetate fibers having wool dyeing properties and a spinning solution therefor. J. R. Caldwell. 2,439,074, Apr. 6.
Cellulose ester melt-coating composition. M. Salo and H. F. Vivian. 2,439,103, Apr. 6.
Cement, Thermoplastic lens. H. C. Thuline, W. F. Parsons, and G. P. Waugh. 2,438,953, Apr. 6.
Centrifugal fan. C. O. Bergstrom. 2,439,124, Apr. 6.
Chair: *See*—
  Retracting type theater chair.
Chair. H. V. Thaden. 2,439,322, Apr. 6.
Chopper, Field pick up hay. A. J. McCormack. 2,439,259, Apr. 6.
Circuit: *See*—
  Condenser discharge control circuit. — Timing circuit.
  Electrical circuit. — Vibrator circuit.
  Servomotor control circuit.
Circuit breaker contact bar, Insulated reinforced. H. C. Graves, Jr. 2,439,084, Apr. 6.
Circuits for highway crossing signals, Coded track. A. L Jerome. 2,439,006, Apr. 6.
Clamp: *See*—
  Hot clamp.
Clamp. J. W. King and J. J. McNamee. 2,439,364, Apr. 6.
Clamping fixture for work-benches, Adjustable. V. Spinnler. 2,439,151, Apr. 6.
Clamping holder for screws, bolts, and the like. W. E. Billman. 2,438,989, Apr. 6.
Cleaning apparatus, Lint. A. S. McGinnis and H. Berry. 2,439,179, Apr. 6.
Cleaning machine, Surface. O. T. Bloom. 2,439,334, Apr. 6.
Clip: *See*—
  Floor clip. — Safety clip.
Closure. W. D. Elsas, P. Lowengardt, and A. Scheftel. 2,438,906, Apr. 6.
Cloth, Bath. E. Hickman. 2,439,249, Apr. 6.
Clothes-washing machine having reciprocating clothes receptacle with restricted passageway. A. D. Lund. 2,439,215, Apr. 6.
Clutch: *See*—
  Impact clutch.
Clutch and brake mechanism. G. E. Jones. 2,439,134, Apr. 6.

Coating with polyvinyl alcohol. H. C. Staehle. 2,439,108, Apr. 6.
Collapsible display frame. E. M. Roach. 2,439,022, Apr. 6.
Collar shaping device. V. A. Herr. 2,439,088, Apr. 6.
Color couplers, Open chain active methylene. A. Weissberger and H. D. Porter. 2,439,352, Apr. 6.
Column, Building. J. S. Donahue and G. E. Strehan. 2,439,129, Apr. 6.
Comb. H. E. Rhodes. 2,438,945, Apr. 6.
Combination lock. G. T. Mason. 2,439,140, Apr. 6.
Communication system employing pulse frequency reduction for signaling, Pulse. E. M. Deloraine and D. D. Grieg. 2,438,903, Apr. 6.
Communication system, Pulse code modulation. W. M. Goodall. 2,438,908, Apr. 6.
Composition for igniter for rectifiers. G. H. Fetterley. 2,439,290, Apr. 6.
Composition of butadiene-acrylonitrile copolymer and styrene-acrylonitrile copolymer. L. E. Daly. 2,439,292, Apr. 6.
Computer. W. B. Klemperer and E. H. Pier. 2,439,365, Apr. 6.
Condensation derivatives of rubber. W. H. Nicol. 2,439,369, Apr. 6.
Condenser: *See*—
  Variable condenser.
Condenser discharge control circuit. S. Frankel and M. Silver. 2,438,907, Apr. 6.
Connector. L. L. Mallard. 2,439,176, Apr. 6.
Connector for sliding members and the like, Adjustable. J. D. Coney. 2,439,078, Apr. 6.
Constant speed propeller simulating aviation trainers. K. A. Kail. 2,439,168, Apr. 6.
Container: *See*—
  Blade container.
  Crayon container.
  Self-sealing container.
Container. M. I. Williamson. 2,438,982, Apr. 6.
Container for electric irons, Storage. R. L. Hurley. 2,439,004, Apr. 6.
Control mechanism for related control of operated mechanisms. C. A. Arens. 2,439,356, Apr. 6.
Control of rotating wing aircraft. C. F. Hodson. 2,439,089, Apr. 6.
Control panel. J. M. Wilson. 2,439,326, Apr. 6.
Controlling the temperature of gases. F. B. Halford. 2,438,998, Apr. 6.
Conversion of hydrocarbons, Method and apparatus for. T. P. Simpson, R. Lee, and F. E. Ray. 2,439,348, Apr. 6.
Conveyor slat securement. H. L. Cohen. 2,439,040, Apr. 6.
Cooler for bottled beverages, Forced air circulation. C. F. Munshower. 2,439,261, Apr. 6.
Cooling means, Shaft and bearing. W. H. Dailey, Jr., and E. A. Di Nucci. 2,439,127, Apr. 6.
Copolymer of dichlorostyrene, butadiene-1,3 and piperylene. C. C. Clark. 2,439,076, Apr. 6.
Copolymers of alpha, beta-ethylenically unsaturated phosphonic acid derivatives. R. V. Lindsey, Jr. 2,439,214, Apr. 6.
Copolymers of fumarodinitrile and alpha-substituted styrenes. R. B. Seymour. 2,439,226, Apr. 6.
Counter, Shoe. J. S. Kamborian. 2,438,920, Apr. 6.
Couplers, Alkoxy pyrazolone. H. D. Porter, A. Weissberger, and W. A. Gregory. 2,439,098, Apr. 6.
Coupling: *See*—
  Piston type quick disconnect coupling.
  Universal joint coupling.
Coupling device. G. A. Borg. 2,439,199, Apr. 6.
Course softening system. T. M. Ferrill, Jr. 2,439,044, Apr. 6.
Cover: *See*—
  Milk bottle cover.
Crayon container. J. A. Bouffard and J. G. Greemen. 2,438,895, Apr. 6.
Crossover flow device. M. T. Works. 2,439,327, Apr. 6.
Crutch. W. S. Peacock. 2,439,316, Apr. 6.
Crystal contacts of which one element is silicon. C. E. Ransley. 2,438,944, Apr. 6.
Curing pneumatic tires. T. A. Te Grotenhuis. 2,438,952, Apr. 6.
Decoy. M. E. Jackson. 2,439,167, Apr. 6.
Delayed-action switch. G. W. Anderson. 2,439,069, Apr. 6.
Detector, Magnetic field. D. H. Cunningham and H. Belar. 2,438,964, Apr. 6.
Detector, Magnetic flaw. E. G. Parvin. 2,439,184, Apr. 6.
Device for sharpening drills. J. Perkins. 2,439,144, Apr. 6.
Diamond die production and the like. C. G. Peters, F. K. Harris, W. B. Emerson, I. L. Cooter, and K. F. Neffen. 2,438,941, Apr. 6.
Diaryl paraffins and their production. M. G. Sturrock, T. Lawe, and W. E. Kemp. 2,439,228, Apr. 6.
Display rack. J. S. Lesko. 2,439,049, Apr. 6.
Distillation column with top feed, Plural section. W. F. Barthel. 2,438,988, Apr. 6.
Dithiadecane diester. H. W. Jacobson. 2,439,212, Apr. 6.
Door or drawer latch. F. J. Russell. 2,439,057, Apr. 6.
Dried meat, Producing. H. H. McKee, H. W. Keefer, and W. J. McCue. 2,439,180, Apr. 6.
Drill stand and gauge. J. F. Kellem. 2,439,008, Apr. 6.
Drying machine of the air circulating, rotary drum, and enclosing casing type. E. W. Forney. 2,438,995, Apr. 6.
Duplicating machine. R. W. Bailey and M. M. Harding. 2,439,070, Apr. 6.
Ear protector. B. O. Fanslow. 2,439,289, Apr. 6.
Electric circuit breaker. R. N. Buttrey. 2,439,126, Apr. 6.
Electric control apparatus for rapidly placing a load in any desired position. M. N. Yardeny. 2,439,329, Apr. 6.
Electric iron. T. F. Saffady. 2,439,059–60, Apr. 6.
Electric motor control system. J. R. Pattee. 2,439,096, Apr. 6.
Electric soldering iron. G. A. Hawkins. 2,439,296, Apr. 6.
Electric switch. W. E. Paul. 2,439,264, Apr. 6.
Electrical apparatus collector conditioning. F. P. Vacha. 2,439,114, Apr. 6.
Electrical circuit. R. E. Meagher. 2,439,313, Apr. 6.
Electrical circuit. M. A. Starr. 2,439,321, Apr. 6.
Electrical circuit. R. M. Walker. 2,439,324, Apr. 6.
Electrical outlet box. H. C. Keating. 2,439,090, Apr. 6.
Electrical outlet box mounting. H. C. Keating. 2,439,091, Apr. 6.
Electrical switch. C. A. Fox. 2,439,164, Apr. 6.
Electrical translating materials and devices and making them. J. A. Becker. 2,438,892, Apr. 6.
Electromagnet. A. A. Ambrose. 2,438,985, Apr. 6.
Electromechanical transducer. W. P. Mason. 2,438,936, Apr. 6.
Electromotor. E. E. Gregory. 2,439,248, Apr. 6.
Electron discharge device. P. G. Chevigny and G. J. Lehmann. 2,438,899, Apr. 6.
Electron discharge device. D. B. Langmuir. 2,439,173, Apr. 6.
Electron objective lens, Compound. J. Hillier. 2,438,971, Apr. 6.
Electronic modulation and modulation correction circuits. J. W. Rieke and R. J. Shank. 2,438,947, Apr. 6.
Electroplating rack. L. E. Schroeder. 2,439,190, Apr. 6.
Engine: *See*—
  Internal-combustion engine.
Eraser holder. W. Edwards. 2,439,162, Apr. 6.
Extruding apparatus. D. D. Jones. 2,438,974, Apr. 6.
Fabricating tanks. S. B. Settle. 2,439,266, Apr. 6.
Fastener: *See*—
  Snap fastener.
Feeder: *See*—
  Staple feeder.
  Two-way cattle and hog feeder.
Feeder for hay balers. W. A. and M. Stockton. 2,439,152, Apr. 6.
Filler, Shoe forepart bottom. E. I. Le Chapelle. 2,439,172, Apr. 6.
Fish lure. F. M. Bell. 2,439,123, Apr. 6.
Fitting, Plastic tube. G. B. Thayer and R. D. Lowry. 2,439,351, Apr. 6.
Flashless propellant powder composition. G. Barsky. 2,439,281, Apr. 6.
Flashlight lamp. J. H. de Boer. 2,438,993, Apr. 6.
Flat single bed knitting machine. G. Huber. 2,439,300, Apr. 6.
Flexible joint. B. Kujawski. 2,439,009, Apr. 6.
Flexible sheet material comprising a surface coating containing polyvinyl chlorides. J. H. McGill. 2,439,051, Apr. 6.
Float valve. T. G. Beckett. 2,439,282, Apr. 6.
Floating pressure cam. J. E. Shafer. 2,439,268, Apr. 6.
Floor clip. O. E. Rothfuchs. 2,439,220, Apr. 6.
Flotation of iron with organic acid and petroleum sulfonate. R. B. Booth and E. C. Herkenhoff. 2,439,200, Apr. 6.
Fluid flow regulator. C. Johnson. 2,438,973, Apr. 6.
Fluid seal for fittings. J. C. De Weese. 2,439,244, Apr. 6.
Fluxing method in soldering. J. F. Dillinger and C. C. Patton. 2,439,159, Apr. 6.
Foam suppressing apparatus. W. B. Leaf. 2,438,929, Apr. 6.
Forming machine. G. O. Conner. 2,439,077, Apr. 6.
Forming porous artificial masses. O. A. Battista. 2,439,034, Apr. 6.
Frame: *See*—
  Collapsible display frame.
Frame and harness for dog baths. F. L. Short. 2,438,979, Apr. 6.
Full view peep sight. W. W. Hanley. 2,439,086, Apr. 6.
Furnace and operating the same, Industrial. G. G. Lloyd. 2,439,309, Apr. 6.
Furnace with selectively controlled radiator structure, Air-heating. C. S. Stout. 2,439,109, Apr. 6.
Gamma-acetyl pimelic acid and diesters thereof. A. B. Boese, Jr. 2,438,961, Apr. 6.
Garment, Slipover. E. A. Smicker. 2,439,149, Apr. 6.
Garment hanger. R. H. Wollin. 2,439,355, Apr. 6.
Gasket. C. D. Laidley. 2,439,306, Apr. 6.
Gauge for spark plugs, Gap. L. A. Habicht and H. H. Vogel. 2,439,363, Apr. 6.

Gear: *See*—
  Valve gear.
Gear and locking device, Lawn mower. F. E. Thompson. 2,438,980, Apr. 6.
Generator: *See*—
  Oscillation generator.
  Pulse generator.
Gin, Pole. J. A. Baker. 2,439,122, Apr. 6.
Glass, Silicoborate. K.-H. Sun and T. E. Callear. 2,439,192, Apr. 6.
Governing arrangement with servomotor. F. Wiesendanger. 2,439,325, Apr. 6.
Gown, Safety. E. H. H. Rogers. 2,439,101, Apr. 6.
Grill, Broiler. I. K. Bennett. 2,439,283, Apr. 6.
Grinder, Centerless. H. S. Indge. 2,439,303, Apr. 6.
Grinder having a perforated disc, a presser plate, and a rotary knife, Food. E. V. Taylor. 2,439,028, Apr. 6.
Grinding machine for operating upon workpieces. H. N. Seyferth. 2,439,106, Apr. 6.
Grinding wheel dresser. E. A. Overstedt. 2,439,263, Apr. 6.
Grounding system for gas tank welders. W. A. Sandberg. 2,439,371, Apr. 6.
Guard device for lock mechanism. N. J. Ressetar. 2,439,099, Apr. 6.
Guide, Band. L. Hornbostel. 2,439,251, Apr. 6.
Handle for knives, hatchets, etc., Detachable. L. H. Basham. 2,439,071, Apr. 6.
Hanger: *See*—
  Garment hanger.
  Safety soap and washcloth hanger.
Harvester-loader. A. R. Wurtele. 2,439,278, Apr. 6.
Heat exchanger. W. Glover. 2,439,208, Apr. 6.
Heat-resistant copolymer of styrene and parachloro-alpha methylstyrene. J. P. Kispersky and R. B. Seymour. 2,439,213, Apr. 6.
Heating system. J. C. Sharp. 2,439,270, Apr. 6.
Heel, Detachable. F. M. Mancuso. 2,439,310, Apr. 6.
High-frequency cable. A. J. Warner. 2,438,956, Apr. 6.
High-frequency coil. H. Walker. 2,439,277, Apr. 6.
High-frequency filter structure. W. W. Hansen. 2,438,913, Apr. 6.
High-frequency terminating impedance. W. W. Hansen. 2,438,915, Apr. 6.
Highway traffic guard. E. V. Camp. 2,438,991, Apr. 6.
Holder: *See*—
  Eraser holder.
  Welding rod holder.
Holder for cards and photographs. M. B. Hall. 2,438,997, Apr. 6.
Holder for small articles, Sanitary. L. A. Casnati. 2,439,335, Apr. 6.
Honing, Cylinder. V. W. Peterson. 2,439,317, Apr. 6.
Hot clamp. H. M. Pernini and N. F. Contardi. 2,439,347, Apr. 6.
Hydraulic jack. H. E. Page. 2,439,183, Apr. 6.
Hydraulic overload-release device or cushion for presses. W. T. Stephens. 2,438,951, Apr. 6.
Hydrocarbon conversion. T. P. Simpson. 2,439,372, Apr. 6.
Hydrocarbon conversion process. S. P. Robinson. 2,439,023, Apr. 6.
Hydrocarbon-substituted thiacyclopentane-1,1-dioxide. R. C. Morris. 2,439,345, Apr. 6.
Hydrocarbons, Preparation of saturated. H. T. Quigg. 2,439,021, Apr. 6.
Ice removing covering for aircraft. R. G. Campbell. 2,439,037, Apr. 6.
Identifying goods and identifying labels used therewith. C. Emmey and M. Katzenstein. 2,439,082, Apr. 6.
Ignition lock. C. E. Wilkes. 2,439,155, Apr. 6.
Impact clutch. F. P. Forss. 2,439,337, Apr. 6.
Impedance transformer. W. W. Hansen, J. R. Woodyard, and M. Reison. 2,438,912, Apr. 6.
Impedance transformer, Wave guide. W. W. Hansen. 2,438,914, Apr. 6.
Incubator. L. M. Porter. 2,439,145, Apr. 6.
Indicator: *See*—
  Pressure indicator.
  Vibration actuated indicator.
Indicator adjustment for sextants. C. O. Rothweiler. 2,439,102.
Indium-gold article and method. H. D. Ellsworth. 2,438,967, Apr. 6.
Infeed for grinding machines. W. L. Drown. 2,439,360, Apr. 6.
Insecticide comprising mono-alkylated diphenylene sulfides and using same. S. Tryon and P. L. de Benneville. 2,438,955, Apr. 6.
Insulation composition of polyvinyl chloride and polyalkylene polysulfide, Electric. T. R. Scott and A. A. New. 2,439,949, Apr. 6.
Intermittent current operated motor. C. S. Weyandt and E. J. Missien. 2,439,230, Apr. 6.
Internal-combustion engine. W. M. Schroeder. 2,439,265, Apr. 6.
Internal-combustion engine. F. H. Smith. 2,439,150, Apr. 6.
Invalid transfer device. M. M. Farmer. 2,439,163, Apr. 6.
Iron: *See*—
  Electric iron.
  Electric soldering iron.
Isomerization of hydrocarbons. T. B. Hudson and J. D. Upham. 2,439,301, Apr. 6.
Jack: *See*—
  Hydraulic jack.
  Smoke jack.
  Object lifting and moving jack.
Jewel case. P. Fox. 2,439,045, Apr. 6.
Joint: *See*—
  Flexible joint.
Joint for air ducts and the like. J. H. Levin. 2,439,254, Apr. 6.
Key punch slotting machine. N. S. Welk. 2,439,030, Apr. 6.
Key shafts and rotors and producing same. N. W. Morse. 2,439,019, Apr. 6.
Knife fastening, Sheathed. G. J. Wykoff. 2,439,197, Apr. 6.
Label or liner applying machine. R. J. Gaubert. 2,439,361, Apr. 6.
Ladder attachment step. C. J. Patt. 2,439,185, Apr. 6.
Laminated plastic article. A. V. Keller. 2,439,137, Apr. 6.
Lamp: *See*—
  Flashlight lamp.
  Oven with infrared lamp.
Lasting footwear, Method of and apparatus for use in. J. S. Kamborian. 2,438,918, Apr. 6.
Lasting shoes. J. S. Kamborian. 2,438,919, Apr. 6.
Latch: *See*—
  Door or drawer latch.
Lens holding means for semirimless tension spectacle mountings. S. E. Bouchard. 2,439,357, Apr. 6.
Lift, Invalid. D. F. and J. N. Vanderlyn. 2,439,066, Apr. 6.
Limb, Artificial. H. M. Witmyer and W. R. Simpson, Jr. 2,439,195, Apr. 6.
Linear follow-up system. G. S. Miles. 2,439,094, Apr. 6.
Liner, Basket. H. L. Thiele. 2,439,276, Apr. 6.
Liquid copolymer of beta myrcene and para methyl styrene. E. L. Kropa. 2,439,343, Apr. 6.
Load weighing device. A. C. Ruge. 2,439,146, Apr. 6.
Loading and firing mechanism for quick-firing guns. D. W. Molins, V. P. Harvey, J. A. Mason, and G. F. W. Powell. 2,439,142, Apr. 6.
Lock: *See*—
  Combination lock.
  Ignition lock.
Lock for aircraft, Control surface. A. E. Farr. 2,439,206, Apr. 6.
Lock keeper, Adjustable. J. A. Bohnsack. 2,439,036, Apr. 6.
Locomotive eccentric crankpin bearing. T. V. Buckwalter. 2,439,284, Apr. 6.
Loop forming and twisting means, Wire-end. E. M. Adams. 2,438,984, Apr. 6.
Looper-actuating mechanisms for sewing machines. R. Becker. 2,439,332, Apr. 6.
Lubricator. A. Feucht. 2,438,969, Apr. 6.
Lubricating device. G. L. Moore. 2,439,053, Apr. 6.
Luminescent screen. F. H. Nicoll. 2,439,181, Apr. 6.
Machine for brushing and cleaning plates. W. C. Johnson. 2,439,305, Apr. 6.
Machine for making belts and straps. M. M. and H. M. Balsam. 2,439,280, Apr. 6.
Machine for making wire straps. J. Sholtis, Jr., and H. K. Embree. 2,439,272, Apr. 6.
Machine tool. F. E. Munschauer. 2,439,368, Apr. 6.
Magnetostrictive submarine signal transmitter or receiver. H. K. Krantz. 2,438,925, Apr. 6.
Magnetostrictive supersonic transducer. E. E. Mott. 2,438,926, Apr. 6.
Manufacture of alkali metal alcoholates. G. L. Cunningham and R. S. Robinson. 2,438,963, Apr. 6.
Manufacture of colloidal sulphur. F. F. Schwartz. 2,439,147, Apr. 6.
Massage table. R. Golden. 2,439,292, Apr. 6.
Mechanical scrub brush. E. A. Miller. 2,439,344, Apr. 6.
Metallic iron from a fused alumina-cryolite composition, Removing. D. S. McLellan. 2,439,216, Apr. 6.
Metalworking machine. J. B. McClelland. 2,439,015, Apr. 6.
Meter: *See*—
  Temperature compensated meter.
Milk bottle cover. G. Simpson. 2,439,320, Apr. 6.
Mixer: *See*—
  Transit concrete mixer.
Moccasin with ornamental edging. C. Hlobil. 2,439,341, Apr. 6.
Modulating system. R. R. Riesz. 2,438,948, Apr. 6.
Modulation means and method. E. Labin and D. D. Grieg. 2,438,927, Apr. 6.
Modulation, Pulse frequency. C. H. Smith, Jr. 2,438,950, Apr. 6.
Motor: *See*—
  Intermittent current operated motor.
  Small motor, particularly synchronous fractional horse power motor.
Mounting: *See*—
  Antenna mounting.
  Bearing mounting.
  Electrical outlet box mounting.
Multiple press loading and/or unloading apparatus. R. T. Bowen, A. W. Head, and F. G. Lesniak. 2,438,896, Apr. 6.

Multiplex system employing fixed pulse-time displacement for signaling, Pulse. E. M. Deloraine. 2,438,902, Apr. 6.
Muzzle closure device for guns. A. E. Kramer and V. F. Lucht. 2,438,924, Apr. 6.
Nozzle, Fuel atomizing. W. O. Lum. 2,439,257, Apr. 6.
Nozzle, Shot blasting. J. O. Almen. 2,439,032, Apr. 6.
Nut, Lock. R. W. Smith. 2,439,191, Apr. 6.
Nut, Self-locking. J. F. Kendrick. 2,439,253, Apr. 6.
Object lifting and moving jack. W. E. Evans. 2,439,288, Apr. 6.
1-nitro-3-alkylanthrapyridone compounds and their preparation. C. V. Wilson. 2,439,120, Apr. 6.
Optical system for microfilm apparatus. V. E. Pratt and G. F. Gray. 2,439,055, Apr. 6.
Ornament, Illuminated. M. Marchand. 2,439,178, Apr. 6.
Orthopedic device. A. R. Richards. 2,439,100, Apr. 6.
Oscillation generator. D. R. Crosby. 2,439,286, Apr. 6.
Oscillator, Resistance-capacitance type. J. C. Dunn. 2,439,245, Apr. 6.
Oscillator of the cavity resonator type, Electronic. C. H. Townes. 2,438,954, Apr. 6.
Outergarment, Combination. G. de Oliensis. 2,439,128, Apr. 6.
Oven and broiler burner, Radiant. R. J. Greene. 2,438,996, Apr. 6.
Oven with infrared lamp. F. V. Jensen. 2,439,005, Apr. 6.
Pack, Parachute. J. R. C. Quilter. 2,439,318, Apr. 6.
Packaging method. H. F. Waters. 2,438,981, Apr. 6.
Pad: *See*—
  Shoulder pad.
Para-acetylbenzyl compounds. W. S. Emerson. 2,439,204, Apr. 6.
Photographic silver-halide emulsions containing 1,3,4-triazaindolizine cyanine dyes. N. Heimbach. 2,439,210, Apr. 6.
Photometer, Flickering beam. E. I. Stearns, Jr. 2,439,373, Apr. 6.
Pigment compositions. M. Scalera and R. E. Brouillard. 2,439,222, Apr. 6.
Piston type quick disconnect coupling. D. R. Spotz. 2,439,275, Apr. 6.
Plastic detonating compositions. H. R. Wright and W. G. Allan. 2,439,328, Apr. 6.
Plating contact surfaces of magnetic reeds. J. T. L. Brown. 2,438,897, Apr. 6.
Pneumatic aircraft float. R. A. Wolf and L. M. Graham. 2,439,196, Apr. 6.
Polymers of cyanoacrylic acid derivatives. J. B. Dickey and F. C. Duennebier. 2,439,081, Apr. 6.
Polymers of linear formals. W. F. Gresham. 2,438,909, Apr. 6.
Portable collapsible power-distribution tower for electric lawnmowers. E. H. Lange. 2,439,010, Apr. 6.
Power lever and engine using the same. R. C. Hof. 2,439,002, Apr. 6.
Power operated mechanism. J. R. Nalbach and W. F. Gresham. 2,439,262, Apr. 6.
Precipitation of cellulose butyrates, Fractional. J. W. Tamblyn and D. R. Morey. 2,439,111, Apr. 6.
Preparation of benzotetronic acid. M. E. Hultquist. 2,439,302, Apr. 6.
Preparation of tetrahalogenated benzenes and benzoic acids. W. E. Cass. 2,439,237, Apr. 6.
Preset switch. M. L. Glogau. 2,438,970, Apr. 6.
Pressure indicator. C. E. Grinstead and R. N. Frawley. 2,439,047, Apr. 6.
Pressure measuring apparatus. W. J. Hudson. 2,439,342, Apr. 6.
Pressure welding machine. E. F. Gibian. 2,439,246, Apr. 6.
Producing medullated artificial filaments. E. L. Coe. 2,439,039, Apr. 6.
Production of aminopropionitriles. J. K. Dixon and E. W. Cook. 2,439,359, Apr. 6.
Production of derivatives of 3-substituted 2,4 diketones. A. B. Boese, Jr. 2,438,894, Apr. 6.
Production of halogenated hydrocarbons containing fluorine. R. S. Hovey and P. H. Carnell. 2,439,299, Apr. 6.
Production of mashed potato powder. A. K. Willetts and T. Rendle. 2,439,119, Apr. 6.
Production of textile filaments, fibers, and yarns. T. A. Feild, Jr., E. W. Rugeley, and J. L. Petrokubi. 2,438,968, Apr. 6.
Protector: *See*—
  Ear protector.
Protection of thyratron in impulse generating circuits. E. D. Burlingame, R. W. Carlson, M. G. Nicholson, Jr., and M. C. Scott. 2,438,962, Apr. 6.
Pulse generator. D. D. Grieg. 2,438,910, Apr. 6.
Pump: *See*—
  Vacuum pump.
Pump assembly. R. R. Curtis and R. L. Gates. 2,439,241, Apr. 6.
Quick-cooking rice and making same. A. K. Ozai-Durrani. 2,438,939, Apr. 6.
Rack: *See*—
  Display rack. Electroplating rack.
Rack. E. Belmont. 2,438,886, Apr. 6.
Radiator and reflector, Overhead gas-fired. W. G. Cartter. 2,439,038, Apr. 6.
Radio direction finding system. A. G. Richardson, F. O. Chesus, and F. G. Thomas. 2,438,946, Apr. 6.
Radio navigational aid. C. E. G. Bailey. 2,438,987, Apr. 6.
Radio object detector training device. E. C. Andrews and O. Cesareo. 2,438,888, Apr. 6.
Radio object locating system training device. T. C. Campbell. 2,438,898, Apr. 6.
Railway journal bearing. J. J. Hennessy. 2,439,297, Apr. 6.
Range and azimuth simulating system for radar instruction. D. H. Pennoyer. 2,438,940, Apr. 6.
Reactance compensation system. G. H. Brown. 2,439,235, Apr. 6.
Recovering metal values from slags. A. M. Gronningsaeter. 2,438,911, Apr. 6.
Recovery and purification of cyclopentadiene. H. R. Legatski. 2,439,307, Apr. 6.
Rectifier. W. R. Koch. 2,439,224, Apr. 6.
Rectifier system. O. H. Schade. 2,439,223, Apr. 6.
Reel: *See*—
  Casting reel.
Refrigerated display case. C. F. Hoffman. 2,438,972, Apr. 6.
Regulator: *See*—
  Fluid flow regulator.
Regulator system, Cabin supercharger. F. E. Crever. 2,439,239, Apr. 6.
Remote control system. H. G. Evers. 2,439,205, Apr. 6.
Remote radio receiver tuning indicating apparatus. R. A. Clark, Jr. 2,439,201, Apr. 6.
Renewable valve seat. H. N. Ruebel. 2,439,024, Apr. 6.
Resilient wheel. J. E. McGlaun. 2,439,312, Apr. 6.
Resiliently mounted bearing. J. E. Shafer. 2,439,267, Apr. 6.
Resonance inspection method. F. A. Firestone. 2,439,131, Apr. 6.
Retaining expansible lasts. J. S. Kamborian. 2,438,921, Apr. 6.
Retracting type theater chair. M. K. Orton. 2,439,370, Apr. 6.
Rivet. A. J. Lautmann. 2,438,976, Apr. 6.
Riveting machine. E. F. Tuttle. 2,439,323, Apr. 6.
Rocky Mountain spotted fever diagnostic antigen and preparation of the same. J. Vanderscheer and E. H. Hull. 2,439,229, Apr. 6.
Rolling machine. F. M. Kratoville and F. M. Cunningham. 2,439,170, Apr. 6.
Roof. B. J. Mitchell. 2,439,095, Apr. 6.
Rudder machine for automatic pilots. G. Wünsch, B. Weinkauff, W. Sadowski, and H. Kobischke. 2,438,957, Apr. 6.
Rule, Set shift parallel. D. T. E. Fielding. 2,439,291, Apr. 6.
Rule, Slide. G. W. Sammons. 2,439,025, Apr. 6.
Ruler and making the same, Parallel. J. Nash. 2,439,346, Apr. 6.
Safety clip. H. D. Miller. 2,439,018, Apr. 6.
Safety means for receptacles. R. F. Hatala and A. Kimber. 2,439,132, Apr. 6.
Safety soap and washcloth hanger. L. L. Collins. 2,439,238, Apr. 6.
Sandblasting machine. A. J. Porcelli. 2,438,943, Apr. 6.
Sanding device. C. E. Rosemeyer. 2,438,977, Apr. 6.
Sharpener, Saw-tooth. B. R. Andrus. 2,439,279, Apr. 6.
Scoop, Ice-cream. G. N. Bolinger. 2,439,125, Apr. 6.
Scoop, Power. R. G. Le Tourneau. 2,439,139, Apr. 6.
Screen: *See*—
  Luminescent screen.
Seal construction. J. P. Butterfield. 2,439,073, Apr. 6.
Seal construction. J. A. Newton and N. Hoertz. 2,439,315, Apr. 6.
Seat: *See*—
  Renewable valve seat.
Selective tripping of circuit breakers in a system. H. C. Graves, Jr. 2,439,165, Apr. 6.
Selenium elements, Making. C. A. Kotterman. 2,438,923, Apr. 6.
Self-sealing container. L. McLaughlin. 2,439,366, Apr. 6.
Self-sealing fuel tank. P. J. Dasher. 2,438,965, Apr. 6.
Separating benzene hexachloride isomers. W. H. Cooke and J. C. Smart. 2,438,900, Apr. 6.
Servomotor control circuit. A. V. Bedford. 2,439,198, Apr. 6.
Sharpener, Pencil. C. E. Jordan. 2,439,252, Apr. 6.
Sheath, Oriented polymeric. C. D. Coxe. 2,438,901, Apr. 6.
Shoe having a heel covering and making same, Open heel. G. Naidor. 2,439,217, Apr. 6.
Shoe machine. F. Ashworth. 2,438,986, Apr. 6.
Shoulder pad. L. G. Lenske. 2,438,930, Apr. 6.
Shutoff valve mechanism. R. D. McIntosh. 2,439,052, Apr. 6.
Shutter, Signal and searchlight. O. J. Zander. 2,439,330, Apr. 6.
Shuttle car. R. M. Hippard. 2,439,001, Apr. 6.
Shuttle eye, Self-threading. W. F. Daboll. 2,439,158, Apr. 6.
Shuttle, Sewing machine. C. A. Newhall. 2,438,938, Apr. 6.

Signal device for thermostatic switches. H. B. Fuge and J. W. Momberg. 2,439,338, Apr. 6.
Signal system for refrigerators, Warning. R. D. Bean. 2,439,331, Apr. 6.
Silk treatment. B. W. Rowland and D. Fronmuller. 2,439,221, Apr. 6.
Simultaneous dimerization and reduction. R. M. Leckley. 2,439,308, Apr. 6.
Skate, Snow. E. Maybery. 2,439,311, Apr. 6.
Slice receiving mechanism for reciprocating carriage slicing machines. C. L. Metzler. 2,438,937, Apr. 6.
Slot, Wing air. E. H. Polk. 2,438,942, Apr. 6.
Small motor, particularly synchronous fractional horsepower motor. E. Weber, R. Pudelko, C. Bollmann, and H. Wermelile. 2,439,193, Apr. 6.
Smoke jack. E. L. Wiseman. 2,439,353, Apr. 6.
Snap fastener. H. E. Hasenzahl. 2,439,000, Apr. 6.
Solder, Soft lead. G. H. Worrall. 2,439,068, Apr. 6.
Speed control apparatus. R. L. Wilson. 2,438,983, Apr. 6.
Speed control by means of tuning forks. W. E. Stewart. 2,439,065, Apr. 6.
Speed responsive apparatus. L. Hammond and J. M. Hanert. 2,439,295, Apr. 6.
Spot welding apparatus. F. B. Yingling. 2,439,233, Apr. 6.
Stabilizer, Tire pressure. E. R. Sage. 2,439,188, Apr. 6.
Stand with an adjustable reception-plate capable of being tipped over in every direction. H. Wild. 2,439,194, Apr. 6.
Staple feeder. W. Schafroth. 2,439,189, Apr. 6.
Steering control apparatus. L. Hammond. 2,439,294, Apr. 6.
Sterilizing glasses, dishes, or the like, method and apparatus. C. V. Di Pietro. 2,439,042, Apr. 6.
Stop motion for pile wire looms. S. S. Wilson. 2,439,031, Apr. 6.
Strut, Shock. C. E. Tack and F. E. Bachman. 2,439,349, Apr. 6.
Submarine mine. C. N. Hickman. 2,439,211, Apr. 6.
Supervisory signal system for water softeners. H. Wolcott. 2,439,354, Apr. 6.
Support device. J. K. Wood. 2,439,067, Apr. 6.
Support for drying paste products. S. Viviano. 2,439,115, Apr. 6.
Support for insulators, Mechanical. E. Pohle. 2,439,186, Apr. 6.
Surface and shear wave method and apparatus. F. A. Firestone. 2,439,130, Apr. 6.
Switch: *See*—
  Capacitor switch. Electrical switch.
  Delayed-action switch. Preset switch.
Switch operating and locking means, Railway. O. Nell. 2,439,020, Apr. 6.
Switching device for oscillographs, Vibratory. H. R. Mallory. 2,439,050, Apr. 6.
Table: *See*—
  Massage table.
Table and electrically heated hot plates, Combined. F. J. Jenkins. 2,439,133, Apr. 6.
Table top construction. J. Stanitz. 2,439,027, Apr. 6.
Tank: *See*—
  Self-sealing fuel tank.
Telemetering actuator, Rate of flow. S. L. Adelson. 2,439,121, Apr. 6.
Telephone set. C. A. Knorr. 2,438,922, Apr. 6.
Telephone substation set. H. F. Obergfell. 2,439,218, Apr. 6.
Temperature compensated meter. W. H. Marsh. 2,438,934–5, Apr. 6.
Terminal fitting, Flat. W. A. Meighan. 2,439,141, Apr. 6.
Ternary interpolymers of styrene, maleic anhydride and acrylonitrile. R. B. Seymour and J. P. Kispersky. 2,439,227, Apr. 6.
Testing cables. A. Mahren. 2,438,932, Apr. 6.
Thermoplastic composition. R. C. Feagin. 2,439,207, Apr. 6.
Thermoplastic compositions containing cellulose acetate butyrate. L. W. A. Meyer. 2,439,093, Apr. 6.
Thermostatic valve. E. J. Dillman. 2,439,336, Apr. 6.
Thin rubber films, Making. M. A. Chavannes. 2,439,157, Apr. 6.
Timer for heating apparatus, Thermal. E. J. Meyers. 2,439,017, Apr. 6.
Timer for internal-combustion engines. T. R. Arden. 2,438,889, Apr. 6.
Timing circuit. H. W. Lord. 2,439,256, Apr. 6.
Timing system. L. A. de Rosa. 2,438,904, Apr. 6.
Tire removing device, Movable base mounted axially collapsing type. T. M. Johnson and E. G. Reed. 2,439,135, Apr. 6.
Tire repair device. E. E. French. 2,439,083, Apr. 6.
Tire, Vaned. J. O. Antonson. 2,439,033, Apr. 6.
Tool: *See*—
  Machine tool.
Tool for manipulating rubber. F. S. Sternad. 2,439,064, Apr. 6.
Tools, Making hand. L. R. Ryan. 2,439,058, Apr. 6.
Toothbrush, Dispensing. W. J. Hoffman and O. P. Olson. 2,439,166, Apr. 6.
Torpedo director. A. S. Halsey. 2,439,209, Apr. 6.
Toy bank. E. Kahn. 2,439,136, Apr. 6.
Toy helicopter. S. P. Nemeth. 2,439,143, Apr. 6.
Training device. R. E. Kittredge. 2,439,169, Apr. 6.
Transit concrete mixer. L. G. Hilkemeier. 2,439,250, Apr. 6.
Translating device. C. A. Bieling. 2,438,893, Apr. 6.
Transmission. I. F. Davidson. 2,439,079, Apr. 6.
Transmission mechanism. W. Howald. 2,439,003, Apr. 6.
Transmission system, Speech. G. Guanella. 2,439,293, Apr. 6.
Trousers. L. Markin. 2,438,933, Apr. 6.
Truck and trailer, Industrial. T. P. Wyman and P. B. Ruppe. 2,439,232, Apr. 6.
Tumbling barrel finishing and material and production thereof. C. H. Castle. 2,439,156, Apr. 6.
Turbo-jet engine for aircraft propulsion. A. G. Silvester. 2,439,273, Apr. 6.
Two-way cattle and hog feeder. T. P. Keithley and L. O. Chandler. 2,439,007, Apr. 6.
Undergarment. I. Pierce. 2,439,097, Apr. 6.
Universal joint coupling. H. G. Whitehouse. 2,439,231, Apr. 6.
Utilizing gas mixtures in the alkylation of aromatic hydrocarbons. J. A. Davies. 2,439,080, Apr. 6.
Vacuum pump. M. Matricon. 2,439,258, Apr. 6.
Valve: *See*—
  Braced head dome valve. Thermostatic valve.
  Float valve.
Valve. G. N. Strike. 2,439,110, Apr. 6.
Valve construction, Pump. R. R. Curtis. 2,439,242, Apr. 6.
Valve controlling mechanism. G. B. Thieme. 2,439,113, Apr. 6.
Valve gear. W. G. Lundquist. 2,439,175, Apr. 6.
Valve grinding machine. H. Durat. 2,438,994, Apr. 6.
Variable condenser. C. V. Litton. 2,438,931, Apr. 6.
Ventilator. J. B. Shaver. 2,439,271, Apr. 6.
Vibration actuated indicator. E. Abrahamson. 2,438,958, Apr. 6.
Vibrator circuit. I. M. Slater. 2,439,107, Apr. 6
Viscosity instrument. L. C. Eltzen. 2,439,287, Apr. 6.
Vote indicating system. L. F. Crabtree. 2,439,041, Apr. 6.
Vulcanizer. L. J., G. A. Larkin, and J. J. Regan. 2,439,011, Apr. 6.
Wave guide mode transformer. R. E. Clapp. 2,439,285, Apr. 6.
Welding rod holder. P. Brown. 2,438,990, Apr. 6.
Well cementing apparatus. R. O. Childers. 2,438,992, Apr. 6.
Wheel: *See*—
  Resilient wheel.
Wheel. C. L. Eksergian, R. B. Temple, and E. P. Hawthorne. 2,438,966, Apr. 6.
Wheel and axle construction. H. B. Ledford. 2,439,012, Apr. 6.
Wheel construction. S. Hendrickson. 2,439,340, Apr. 6.
Window sash control. F. D. Grim. 2,439,046, Apr. 6.
Wiping device for oil gauge rods. B. R. Kreider. 2,439,171, Apr. 6.
Work holding nest. H. Havstad. 2,438,916, Apr. 6.
Workpiece feeding device for centerless grinding and like machines. A. Scrivener. 2,439,225, Apr. 6.
Wrist band or strap for watches. T. Spector. 2,439,274, Apr. 6.

CLASSIFICATION OF PATENTS

ISSUED APRIL 6, 1948

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number=class, second number=subclass, third number=patent number

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This list shows the correct classification of those patents wherein the classification given in the patent head has been changed.

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U. S. GOVERNMENT PRINTING OFFICE: 1948

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

BAIN ET AL.
v.
HASSELSTROM ET AL.

No. 5364. Decided November 29, 1947. Petition for rehearing January 27, 1948

[— F.2d —; 76 USPQ 306]

1. INTERFERENCE—MOTION TO DISSOLVE ON GROUND APPLICATION IS ABANDONED—RULE 77 CONSTRUED.

Where an application stands under rejection at the time the Examiner suggests a claim for the purpose of interference, and where, at the time the claim was copied, the six months period for responding to the rejection had not expired, but the interference was not declared until after the expiration of the six months period, and no response to the rejection was made, *Held* that the application is not abandoned.

2. SAME—PRIORITY—QUESTION OF ABANDONMENT ANCILLARY THERETO.

The question of abandonment is ancillary to priority, and where it is held that the application in interference is not abandoned, an award of priority was proper.

APPEAL from the Patent Office. Interference No. 81,577.

AFFIRMED.

Charles E. Carney (*A. Ponack* of counsel) for Bain et al.

Herbert H. Porter and *Mason & Porter* for Hasselstrom et al.

W. W. Cochran (*E. L. Reynolds* of counsel) for the Commissioner of Patents.

GARRETT, *P. J.*:

This is an appeal from the decision of the Board of Interference Examiners of the United States Patent Office, holding that the question of abandonment of an application alleged to exist on the part of appellees, is ancillary to the question of priority, and, upon finding that appellees had not abandoned it, awarding them priority.

A single count which originated in the Bain et al. application is involved. It reads:

> The process of producing stabilized abietyl compounds which comprises heating abietyl compounds with up to about 10 percent of sulfur at a temperature above 200 degrees C.

The case was submitted before us upon a stipulation of facts agreed to by counsel for the respective parties and approved by the Commissioner of Patents, the decision of the Primary Examiner denying appellants' motion to dissolve and the decision of the Board upholding that of the Examiner and awarding priority to appellees being attached to such stipulation.

It may be said that at one time the interference included a third party who was the "juniormost" party but he was eliminated before the Examiner upon an order to show cause.

The facts are not in dispute and only questions of law require decision.

Apparently there have been no court decisions in cases involving a state of facts analogous to that existing here, but there have been numerous decisions by tribunals of the Patent Office, and some of these are hereinafter reviewed.

We may state at this point that because of what we conceived to be the importance of the case upon the question of practice we requested the Commissioner of Patents (counsel for the respective parties being consulted at the hearing before us and expressing their approval) to cause a brief to be filed as amicus curiae discussing the issues. Such brief was duly filed and we hereinafter allude to it again.[1]

The application of Hasselstrom et al., Serial No. 402,562, for patent on "Art of Stabilizing Rosin" was filed July 15, 1941, and the application of Bain et al., Serial No. 431,835, for patent on "Abietyl Compounds" was filed February 21, 1942. So the latter is the junior application.

On December 14, 1943, the Primary Examiner entered a letter in the proceedings relating to the Hasselstrom et al. application denying all of the claims then in the application upon grounds unnecessary to be recited here. To this rejection Hasselstrom et al. made no response, nor did they take any other action as to those particular claims within the six months period fixed by the statute. See 4894 R. S. (35 U. S. C. sec. 37) as amended by the act of August 7, 1939, 53 Stat. 1264, the pertinent provisions of which read:

> All applications for patents * * * upon failure of an applicant to prosecute the same within six months or such shorter time, not less than thirty days or any extension thereof, as shall be fixed by the Commissioner of Patents in writing to the applicant after any action therein, of which notice shall have been given to the applicant * * * shall be regarded as abandoned by the parties thereto unless it be shown to the satisfaction of the Commissioner of Patents that such delay was unavoidable * * *.

Paragraph 3 of rule 77 of the Patent Office which is based upon the foregoing statute provides:

> In no case can any extension be granted which will carry the date on which response to an action is due beyond six months from the date of the action.

[1] We herewith express our appreciation to the Commissioner and to the Solicitor for the Patent Office who prepared the brief.

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Paragraph 4 of rule 77 provides:

Whenever action upon an application is suspended upon request of an applicant, and whenever an applicant is requested to put his case in condition for interference, the period of six months running against the application shall be considered as beginning at the date of the last official action preceding such actions.

The six months period fixed by the statute during which appellees took no action with respect to the claims involved in the rejection of December 14, 1943, expired about June 14, 1944, and, as to those claims there was never any effort made by appellees either before or after the latter date to have further action upon them.

However, on April 22, 1944, some seven weeks before the expiration of the six months statutory period, the Primary Examiner suggested the involved count to Hasselstrom et al. for purposes of interference, and on May 24, 1944, some three weeks before the expiration of the six months period, they copied the claim. The Primary Examiner states in his decision that it was made "within the time limit set by the letter suggesting the claim."

The interference was declared July 4, 1944, some twenty days after the expiration of the six months period following the rejection letter of December 14, 1943.

Preliminary statements were duly filed, Hasselstrom et al. alleged conception in August 1940, with reduction to practice in September 1940. Bain et al. alleged both conception and reduction to practice in July 1941. The stipulation states:

No motions were brought to amend said interference and no motions to dismiss for unpatentability over the prior art or for lack of right to make the count were filed against either Hasselstrom et al. or Bain et al.

It appears, however, that on September 21, 1944, which was during the motion period following the declaration of interference, Bain et al. moved to dissolve on the ground, as stated in the decision of the Board, "that there had been such informality or irregularity in declaring the interference that it would preclude the proper determination of the question of priority of invention."

The Board said further:

Specifically, the party Bain et al. alleged that the application of the party Hasselstrom et al. had become abandoned for failure to file a responsive amendment to the Office action of December 14, 1943.

In a decision rendered February 1, 1945, the Primary Examiner, after citing and discussing different authorities, held that the Hasselstrom et al. application had not been abandoned and denied the motion of Bain et al. to dissolve, but, of course, made no award of priority.

No testimony was taken by either party and on February 17, 1945, Bain et al. entered a motion that the case be set down for hearing by the Board of Interference Examiners under rule 130 of the Patent Office, on the following question:

• • • Whether the application of the party Hasselstrom and Brennan had become in fact abandoned at the time the interference was declared, and that therefore no interference can actually exist.

It was alleged, "The question is ancillary to priority," *Dalton et al.* v. *Wilson*, 1913 C. D. 197, 193 O. G. 1018, and *Dalton et al.* v. *Wilson*, 44 App. D. C. 249; 1916 C. D. 142, 224 O. G. 741, being cited.

The Board of Interference Examiners delivered an elaborate opinion wherein numerous prior decisions of tribunals of the Patent Office were analyzed and reviewed.

It is our view that the decision correctly states the law applicable to the controversy and the reasons underlying the conclusion reached, and as such we commend it (and the decision of the Primary Examiner as well) to those interested for guidance in the practice.

The amicus curiae brief filed in response to our request by the Solicitor for the Patent Office, after stating in substance that the decision of the Board conformed in principle to a decision of the Commissioner rendered in 1902 and followed since, states:

• • • It would appear that this interpretation of the rule, which has been followed for forty-five years, should not be disturbed now, unless it is found to be wholly without rational basis, which does not appear to be the case (*Allen* v. *U. S. ex rel. Lowry et al.*, 26 App. D. C. 8, 1905 C. D. 643).

Patent Office rule 171 provides that "Prosecution of an application to save it from abandonment must include such proper action as the condition of the case may require." What such action is, is largely a matter of Patent Office practice and the Patent Office tribunals are, ordinarily, in the best position to determine whether any particular response by the applicant meets the requirements of the case.

We think the statement is reasonable and sound, and that in cases of this nature, great weight properly attaches to the Patent Office practice, but aside from that, as has been indicated, we regard the position of the Board as being sound in law.

In view of the comprehensive discussion by the Board, we deem prolonged comment on our part unnecessary.

[1] We are of opinion that the Primary Examiner's rejection, on December 14, 1943, of all the claims then in the case was an official action to which it was necessary for Hasselstrom et al. to make response if they desired further to prosecute the application. (If the Examiner's decision at that time was marked final—a matter not appearing from the record—the response ordinarily would have been an appeal to the Board of Appeals if they desired further to prosecute.) Upon the facts here shown such response was required within six months after December 14, 1943, but not before that date.

So, at the time (April 22, 1944) the Examiner, in conformity with his statutory duty, suggested the claim found in the Bain et al. application to Hasselstrom et al. for the purpose of interference, and at the time (May 24, 1944) the latter copied it, their application was alive and pending.

As is stated in substance in the brief filed by the Solicitor for the Patent Office as amicus curiae, there can be no doubt that if the present interference had been declared within a period of six months after December 14, 1943, there would be no basis for considering the application of Hasselstrom et al. abandoned.

Upon both reason and authority we are convinced that the fact that the interference was not declared until more than six months after December 14, 1943, does not affect the legal situation upon the matter of abandonment. The leading case is that styled *Coulson* v. *Callender and Callender* (apparently the style should be reversed), reported in 1902 C. D. 395, and in 101 O. G. 1607. The facts in that case are summarized in the Commissioner's decision as follows:

The record shows that Coulson's claims were rejected on April 22, 1901, and without any response from him having been received the Examiner on April 21, 1902, wrote a letter under rule 96 suggesting to him claims which had been allowed to Callender and Callender. This letter was within the year allowed by law, and the applicant promptly thereafter presented the suggested claims. He presented them on April 28, which was more than one year after the letter of April 22, 1901, and he did not take action in reference to the requirements in that letter.

It should be noted that the statutory limitation in effect at that time was one year instead of the six months period applicable in the present case.

The Commissioner (Allen) stated further:

If the Examiner had not written his letter of April 21, 1902, the delay beyond April 22d would undoubtedly have resulted in the abandonment of the application in the absence of a showing that it was unavoidable. The question is: Did that letter prevent the abandonment of the application on April 22, 1902?

He then declared that the Examiner's letter suggesting the claim for interference was not a mere notice to comply with requirements previously made as contemplated by the provision of rule 77 (now expressed in paragraph 4 of that rule as hereinbefore quoted) but that the letter "*contained entirely new requirements, which necessitated a new consideration and decision by the applicant as to the action which he should take*" [italics supplied] and held, "New action being required of him, it would clearly not be just to hold him bound by the time limit fixed as to a different requirement."

Accordingly, the Commissioner affirmed the Examiner's decision, refusing to dissolve the interference, motion for which had been made by *Callender et al.*, supra, upon substantially the same grounds as those presented by Bain et al. in the instant case.

It will be observed that there are two distinctions between the facts of that case and those of the instant case, viz: (*a*) the letter suggesting the claims to Coulson was not written until just one day before the date of expiration of the period within which he was required to respond to the previous rejection of his earlier claims, and (*b*) he did not copy those suggested until a few days after the expiration of that period. In the instant case the claim was both suggested and copied some weeks before the expiration of the six months period. In a sense, appellees here are in an even more favorable situation than Coulson was in the *Coulson* case, supra.

Another published decision in point is that of *Ex parte Kohn et al.*, 1932 C. D. 9, 421 O. G. 853, wherein First Assistant Commissioner Kinnan said:

Where claims are suggested to an applicant for interference purposes such action is deemed, as held in the above referred to *Coulson* v. *Callender et al.* decision, a *new action in the case.* In effect such action is an offer to the applicant of the allowance of claims for his invention if presented in the suggested form and if he can prove he is the prior inventor. The provisions of rule 77 are not deemed to extend to actions in cases in which claims are suggested for interference provided of course such claims are presented within the designated period. [Italics supplied.]

In that decision the Assistant Commissioner also took note of the decision of Commissioner Allen in *Ex parte Hess*, 1907 C. D. 58, 126 O. G. 3041, which has been cited by Bain et al. in the instant case, and pointed out the distinction between it and the *Coulson* case, supra, saying:

The distinction between the decision in the *Coulson* v. *Callender et al.* case and that in *Ex parte Hess*, above referred to, should not be overlooked. In the former case the claims suggested were made within the period granted, while in the latter case the suggested claims were not made within the period granted nor indeed had they been made eight months later when the year following the previous office action on the merits of the case expired.

Certified copies of four unpublished or manuscript decisions have been brought to our attention by counsel, but the facts in the cases are so different frm those in the case at bar that we do not think that a review of them would add anything of value to this decision, so far as the legal question relative to abandonment itself is concerned, but in one of them, *Ellis* v. *Smidth*, Interference No. 78,644, the decision by Assistant Commissioner Van Arsdale said to be recorded in volume 165 p. 508, reiterates the rule stated in numerous decisions of tribunals of the Patent Office, some of which are cited in the decision, to the effect that the question of abandonment is clearly ancillary to priority.

Some at least of the cases cited by Bain et al., as well as some of those cited by Hasselstrom et al. were cited before the Board and amply discussed in the Board's decision. Each of them is clearly distinguishable as to the facts from the case at bar, and from the prior cases of *Coulson* v. *Callender et al.* supra, and *Ex parte Kohn et al.*, supra, and the Board sufficiently pointed out such distinction.

[2] We agree that there was no abandonment of the Hasselstrom et al. application and that the question of abandonment is ancillary to priority, making an award of priority proper. Upon the facts here appearing, no award of priority could be made to appellants.

The decision of the Board of Interference Examiners is affirmed.

AFFIRMED.

On Petition for Rehearing

GARRETT, *P. J.*:

Following our decision in this case, rendered November 29, 1947, appellants filed a petition for rehearing which has been considered. The reasoning and argument accompanying the petition for rehearing are substantially the same as those presented originally, but, in view of the fact that our decision seems to be of interest and of probable importance upon a question of procedure, some further observations on our part are deemed appropriate.

Appellants reiterate the contention originally made to the effect that it was incumbent upon appellees to make response to the Examiner's action on December 14, 1943, rejecting all the claims then in appellees' application. It will be observed that we held it was necessary if they desired to further

prosecute the application. The persistent argument by counsel for appellants on this point, might justify the conclusion that counsel thought appellees were charged by the statute with the duty of responding whether or not they desired to prosecute the case further. Such is not our view. All that the statute says is that where there is a failure to respond within six months, or less if a shorter time is fixed by the Commissioner, the application "shall be regarded as abandoned," unless the Commissioner finds that the delay was unavoidable.

The gravamen of appellants' position, it seems to us, is actually to be found in the contention that the suggestion to appellees of the claim, which became the count in issue, by the Examiner, on April 22, 1944, did not constitute an Office action within the meaning of the word "action" as used in sec. 4894 R. S. (35 U. S. C. § 37) as amended, the pertinent part of which is quoted in our original decision of November 29, 1947. Counsel for appellants made that contention originally and reiterate it quite emphatically in the petition for rehearing, citing *Ex parte Hess*, 1907 C. D. 58, 126 O. G. 3041, and *Ex parte Larner*, 1929 C. D. 18, 381 O. G. 743.

In the statement accompanying the petition for rehearing we find the following:

> The *Coulson* v. *Collender et al.* and Kohn et al. cases hold a letter suggesting claims is an action. The Hess and Larner cases hold that a letter suggesting claims is not an action.

The immediately foregoing assertion is largely responsible for our action in writing this statement supplementing our original decision.

Appellants obviously have misunderstood those decisions. Neither the Hess case, supra, nor the Larner case, supra, holds that a letter of an Examiner suggesting claims for interference purposes (the occasion of the suggestion in both those cases and in the instant case) is not an action.

On the contrary, it is clear that in both instances the Commissioner held the suggestions to be actions. In the Hess case, supra, the applicant failed because he did not make timely response to what was an action. In the Larner case, supra, while the applicant did not make timely response, it appeared that his failure to do so was occasioned by an omission of final action by the Examiner which led the Commissioner to hold that the delay was unavoidable within the sense of the statutory language of sec. 4894 R. S., "unless it be shown to the satisfaction of the Commissioner of Patents that such delay was unavoidable."

Appellees here had until approximately June 14, 1944, to make response to the Examiner's rejection of December 14, 1943, no shorter time having been fixed by the Commissioner. The claim which became the count here involved was suggested to them by the Examiner, in conformity with his official duty, April 22, 1944, and copied by them May 24, 1944. Their application was alive and pending on the latter date and their failure to make any response to the rejection of December 14, 1943, had no effect with respect to the interference count.

The petition for rehearing is denied.

U. S. Court of Customs and Patent Appeals

HUNTINGTON LABORATORIES, INC.
v.
ONYX OIL AND CHEMICAL COMPANY
No. 5369. Decided January 6, 1948
[165 F.2d 454; 76 USPQ 319]

1. TRADE-MARK—APPEAL—POINT ARGUED BUT NOT INCLUDED IN REASONS OF APPEAL.
   Where in appellant's brief it is alleged that appellee's use of its mark was not established by the stipulated statement of facts introduced for appellee, nor otherwise than by the allegation of use as stated in appellee's application, but there is no allegation of error in this point in the reasons of appeal, *Held* that it is not incumbent upon us to consider it simply upon the brief.
2. SAME—OPPOSITION.
   The statement in the oath accompanying appellee's application as to use was not challenged in appellant's notice of opposition, and, so far as the record here shows, nothing occurred which made it incumbent upon appellee to furnish any further evidence of use than was furnished in the oath to the application.
3. SAME—SAME—DOMINANT PART OF MARK—SECONDARY MEANING.
   A word or syllable may constitute the dominant part of a trade-mark without having acquired a secondary meaning and a word or syllable which has acquired a secondary meaning does not thereby necessarily become the dominant part of a mark.
4. SAME—SAME—DESCRIPTIVENESS—"SAN."
   The notation "San" has never been regarded as a descriptive term, though it evidently bears some relation to the word "sanitary" and like words, and it is admittedly suggestive when applied to appellant's products, disinfectants, and deodorants.
5. SAME—SUGGESTIVE MARKS—SECONDARY MEANING.
   It has never been deemed necessary in order to establish the validity of a suggestive mark to show that it had a secondary meaning.
6. SAME—OPPOSITION—"DERMA-SAN" AND "ONYXSAN."
   Where the prefixes "Derma" and "Onyx" differ widely in appearance, pronunciation, spelling and meaning and where except for the suffix there is not the remotest resemblance between "Derma-San" and "Onyxsan," *Held* that there is no likelihood of confusion growing out of the concurrent use of the marks, and that the decision of the Commissioner dismissing the opposition is affirmed.

APPEAL from the Patent Office. Opposition No. 23,278.

AFFIRMED.

Ralph G. Lockwood, Dwight B. Galt and *Elmer L. Goldsmith* for Huntington.

Kenneth H. Murray, Murray and Parker and *Albert M. Parker* for Onyx.

GARRETT, *P. J.*:

This is an appeal from the decision rendered by the First Assistant Commissioner of Patents, the late Honorable Leslie M. Frazer, affirming the decision of the Examiner of Interferences in a trade-mark registration opposition proceeding, *Huntington Laboratories, Inc.*, v. *Onyx Oil and Chemical Co.*, 69 USPQ 440.

On January 4, 1944, appellee filed its application for registration under the Trade-Mark Registration Act of February 20, 1905, of the word "ONYXSAN" for use as a trade-mark for "a quaternary ammonium antiseptic compound for pharmaceutical purposes." The application alleged continuous use

"since March 1938," and was verified by oath of the president of the company.

On April 12, 1944, appellant filed notice of opposition, the notice being in conventional form and embracing the customary allegation respecting appellant's belief that it would be damaged by the registration sought by appellee, and, as stated by the Assistant Commissioner, relied "upon one registered mark and three that are unregistered. The registered mark is 'Derma-San' for 'disinfectant.' The unregistered marks are 'Deo-San,' applied to an 'odorless defactor'; 'Minto-San,' applied to a 'mint formaldehyde spray'; and 'Cabinet-San,' applied to a 'bedside cabinet deodorant'." The Derma-San mark was registered September 13, 1932, upon an application filed May 16, 1932. Use of the mark was alleged "since January 2, 1932." "Deo-San" is alleged to have been used "since 1938"; "Minto-San * * * since 1930"; and "Cabinet-San * * * since 1936."

Neither party took depositions, but both introduced stipulated evidence. In that on behalf of appellant there is included a list of twenty-nine hyphenated marks stated to have been used by it on different of its products. In twenty-six of these "San" constitutes the suffix; in one the prefix; and two have the prefix "Sana." Ten of those having the suffix "San" are stated to have been registered. Those hereinbefore named relied upon by appellant are included in the list.

In the brief before us appellant devotes considerable space to two allegations which were not referred to in either the decision of the Examiner of Interferences or that of the First Assistant Commissioner, and only one of them is mentioned in the reasons of appeal to us.

[1], [2] The allegation not covered by the reasons of appeal is to the effect that appellee's use of "Onyxsan" was not established by the stipulated statement of facts introduced for appellee, nor otherwise than by the allegation of use as stated in appellee's application. Since there is no allegation of error on this point, it is not incumbent upon us to consider it simply upon the brief, but it is not amiss to say that the statement in the oath accompanying appellee's application as to use "since March 1938" was not challenged in appellant's notice of opposition, and, so far as the record here shows, nothing occurred which made it incumbent upon appellee to furnish any further evidence of use than was furnished in the oath to the application.

The second allegation which was not discussed by either of the tribunals of the Patent Office is that the term "San" has acquired a secondary meaning. The failure of the Examiner of Interferences to find this was assigned as error in the appeal to the Commissioner, but, as has been indicated, the First Assistant Commissioner did not discuss it nor pass upon it. In the first of the reasons of appeal to us it is alleged:

> The Commissioner erred in not holding that, as to the particular goods, opposer's extensive use of the suffix "SAN" for many years in association with *prefixes descriptive of the goods*, has established in "SAN" a secondary meaning wherein it constitutes the predominant part of opposer's trade-marks as opposer's family name denoting source of origin. * * *. [Italics supplied.]

We note that the allegation of error by the Examiner of Interferences did not embrace any statement that appellant's prefixes used with "San" are "descriptive of the goods," such as is embraced in the reasons of appeal to us. Other than as there suggested, there is nothing in the record to indicate that appellant's prefixes have been regarded as being other than suggestive.

It will be noted that the allegation in the reason of appeal quoted to the effect that appellant's use of the syllable "San" has established a secondary meaning for it, is coupled with the clause reading "wherein it constitutes the predominant part of opposer's trade-marks * * *."

It is not altogether clear to us whether it was the intention of counsel for appellant to express the view that in order to be held the dominant part of appellant's mark "San" must be held to have acquired a secondary meaning. The brief is not as definite upon that point as could be wished, but upon the whole we think it was probably not so intended. However, lest we may have misunderstood counsel's argument in this regard, we may say that we do not think a secondary meaning for "SAN" has been established by appellant's use of it, or otherwise. There was included in the stipulated evidence on behalf of appellee a list of 45 marks (taken from the records of the Patent Office) registered to others than appellant consisting of words having the suffix "San," several of these being hyphenated. A number of them bear registration dates prior to the first use of "San" shown by appellant, and others indicate concurrent use. The products for which they were registered are not named on the list, but the prefixes of many of them suggest goods of the same general class as the products of appellant. The registrations were not introduced for the purpose of questioning the validity or scope of appellant's registration, but for the sole purpose of showing that appellant had not established a secondary meaning for the term, and we think they properly may be looked to upon that point, although they could not be considered on the question of validity.

[3] Aside from this, we think it would not be a matter of any consequence upon the question of what constitutes the dominant part of appellant's mark if it were established that "SAN" has a secondary meaning as applied to appellant's goods. A word or syllable may constitute the dominant part of a trade-mark without having acquired a secondary meaning and a word or syllable which has acquired a secondary meaning does not thereby necessarily become the dominant part of a mark.

[4], [5] So far as we know, the notation "San" has never been regarded as a descriptive term. Evidently it bears some relation to the word "Sanitary" and like words. As such, it is admittedly suggestive when applied to appellant's products, and it may be said that, so far as we are advised, it has never been deemed necessary in order to establish the

validity of a suggestive mark to show that it had a secondary meaning. Indeed, an effort to show that a word has acquired a secondary meaning carries with it an implication that such a word is regarded by its proponent as being either descriptive or geographic or as having some quality which would normally preclude its registration as a trade-mark.

The brief on behalf of appellant asserts:

> The Commissioner and court have heretofore held that "San" ["a" and "n" printed with small capitals in text] comprises the predominant part of said trade-marks, indicating the source of origin.

It is pointed out that the Assistant Commissioner in the case of *Huntington Laboratories, Inc.* v. *Mathieson Alkali Works*, 517 O. G. 823, 46 USPQ 388, held that "Aqua-San" and "Lustra-San" were likely to be confused with appellant's marks "Liqua-San," "Auto-San," and "Derma-San." It will be noted that the latter is one of the marks which appellant pleads in its notice of opposition here. The Assistant Commissioner there indicated a belief that "San" predominated.

In his decision in the instant case the Assistant Commissioner referred to his decision in the case so cited and stated his reasons for differentiating the two, saying:

> But the present applicant's mark, "Onyxsan," is not hyphenated; nor is it in any sense suggestive of applicant's goods. It differs in appearance from each of opposer's marks, and when considered as a whole does not resemble either of them in sound or significance. Cf. *Syncromatic Air Conditioning Corporation* v. *Williams Oil-O-Matic Heating Corporation*, 27 CCPA 1010, 109 F.2d 784.

In this case he expressed no view as to "San" predominating.

Appellant also cites the case of *The Hygienic Products Company* v. *Huntington Laboratories, Inc.*, 54 USPQ 111, wherein Assistant Commissioner of Patents Van Arsdale affirmed the decision of the Examiner of Interferences holding the notation "Sana-Porce" (mark of the Huntington Laboratories, Inc.) for a porcelain cleaner in powder form used on porcelain coated sinks, wash basins, and the like, to be unregistrable over the Hygienic Products Company's mark "Sani-Flush," used upon a cleanser for the same kind of articles. No question as to descriptiveness of the respective marks taken as a whole, or of any portion of them, was there raised, nor was there any finding as to what was regarded as the dominant part of the mark. It was simply held that, notwithstanding the difference in the prefixes, the suffixes "Sana" and "Sani" were so similar that their concurrent use upon goods of the same descriptive properties would be likely to result in confusion.

Another case (seemingly a proceeding to cancel) referred to in appellant's brief, styled *Huntington Laboratories, Inc.* (appellant in the instant case) v. *Hillyard Chemical Company*, apparently involved "Velva-San" and appellant's registered mark "Liqua-San." The brief states that "Velva-San" was canceled. There is, however, no citation of any publication in which the decision may be found. We assume that it was a manuscript decision of some tribunal of the Patent Office which has not been printed. There is nothing said of it in the brief which indicates that it would be helpful in the decision of the instant case.

The decision most emphasized by appellant before us is that of this court in the case of *Hygienic Products Co.* v. *Huntington Laboratories, Inc,* (appellant here and hereinafter so referred to), 31 CCPA (Patents) 773, 139 F.2d 508, 60 USPQ 205, 559 O. G. 709.

There appellant made application for registration of the notation "Toilet-San" as a trade-mark for a preparation designed for use as a cleansing powder for water-closet bowls and the like, the prefix "Toilet" being disclaimed in the application. Hygienic Products Company opposed the registration, alleging ownership of the registered trade-mark "Sani-Flush" for goods of the same descriptive properties. The Examiner of Interferences dismissed the notice of opposition and the Commissioner (speaking through Assistant Commissioner Van Arsdale) affirmed his decision. 54 USPQ 112. Upon appeal we reversed the Commissioner's decision (a comprehensive opinion being written by LENROOT, *J.*, and BLAND, *J.*, dissenting) and denied the registration sought.

Nothing was there said as to appellant's suffix, "San," having acquired a secondary meaning, but it was held to be the dominant portion of the particular mark of appellant—"Toilet-San"—there involved. A careful study of our decision in that case will, we think, convince the reader that our holding as to the dominance of the suffix, grew out of the fact that the prefix "Toilet" was admittedly descriptive with respect to the goods there involved. In that particular instance, as is asserted in substance in the brief for appellee, the suffix actually was the only registrable portion of the mark.

Of course, there was no holding in that case to the effect that "San" constituted the dominant part of any mark of appellant other than the one there involved, and we do not regard that case as being controlling in the instant case.

For the purpose of this case we may disregard the three unregistered marks specified in appellant's notice of opposition and compare only "DERMA-SAN" with appellee's mark "ONYXSAN."

Derma is a word found in the lexicographies, the meaning of which, according to Webster's New International Dictionary, is "The sensitive layer of the skin beneath the epidermis." "San" relates to "sanitary" which is defined by the same authority: "* * * Of or pertaining to health; designed to secure or preserve health * * *." So, "Derma-San" applied to a disinfectant implies or suggests that the preparation is suitable for use in preserving or restoring the health of the skin. The definitions given by other lexicographers examined are the same in purport and need not be quoted.

The term "Onyx," comprising the first two syllables of appellee's mark is apparently purely arbitrary as applied to appellee's product. Funk & Wagnalls Standard Dictionary defines it as a particular variety of quartz consisting of layers of different colors, etc. Webster's New International Dictionary gives as definitions "a claw, finger nail, a veined gem * * *." It also gives: "3. *Med.* A collection of pus in the anterior chamber of the eye, resembling a finger nail." There is nothing in the record which indicates that appellee's quaternary ammonium antiseptic compound is used in the treatment of such eye infection. The stipulated evidence on appellee's behalf shows that appellee has used quite a number of trade-marks embracing "Onyx," in some as a prefix and in others as a suffix, presumably for a variety of products.

We take it that the suffix "San" has the same meaning in the marks of both parties. So, in appellee's case it suggests that the preparation on which "ONYXSAN" is used is sanitary—that is suitable for use in preserving or restoring health.

[6] It is obvious that except for the suffix there is not the remotest resemblance between the marks here placed in issue. Furthermore, both the prefix and the suffix of appellant's pleaded marks are suggestive (indeed in the case of "Derma-San" it might be argued that the prefix is descriptive) while the prefix of appellee's mark is arbitrary and apparently without suggestiveness as to the goods upon which it is used. It would be difficult to find marks, the prefixes of which differ more widely in appearance, pronunciation, spelling, and meaning than those of appellant and that of appellee.

We are convinced that there is no likelihood of confusion growing out of the concurrent use of the contesting marks, nor do we think appellant has acquired rights in the suffix "San" which places him in position to prevent its use by others with suffixes which do not render the mark as a whole confusing.

The decision appealed from is affirmed.

AFFIRMED.

BLAND, *J.*, sat during the argument of this case, but resigned before the opinion was prepared.

U. S. Court of Customs and Patent Appeals

APOLLO SHIRT COMPANY

v.

THE ENRO SHIRT COMPANY, INC.

No. 5372. Decided January 6, 1948

[165 F.2d 469; 76 USPQ 329]

1. TRADE-MARKS—CANCELLATION—GOODS OF THE SAME DESCRIPTIVE PROPERTIES.

   Although appellant's registered mark "Sportmaster" is for use on men's dress, work, or undershirts, the prefix "Sport" in appellant's trade-mark is merely descriptive of the goods upon which its mark is used, and therefore, the trade-mark "Sportmaster" on the goods upon which the mark is used, includes sport shirts.

2. SAME—SAME—CONFUSING SIMILARITY—"SPORTMASTER" AND "SPORTSTER"

   Since it is well known in the commerce of the United States, of which the court may take judicial notice, that so-called "sport shirts," "undershirts," "work shirts" and "dress shirts" are sold in the same stores to the general public, and since such goods possess the same descriptive properties, *Held* that the marks "Sportmaster" and "Sportster" are confusingly similar, and the decision of the Commissioner sustaining appelee's petition for cancellation is affirmed.

3. SAME—CANCELLATION OR OPPOSITION PROCEEDINGS—MARKS SHOULD BE CONSIDERED IN THEIR ENTIRETIES.

   We have frequently held in opposition and cancellation proceedings that trade-marks should be considered in their entireties and that the public should not be required to dissect or analyze trade-marks in order to avoid confusion as to the origin of the goods.

APPEAL from the Patent Office. Cancellation No. 4375.

AFFIRMED.

Mock & Blum (*Asher Blum* and *Charles R. Allen* of counsel) for Apollo.

Edward A. Brand for Enro.

HATFIELD, *J.*:

This is an appeal in a trade-mark cancellation proceeding from the decision of the Commissioner of Patents, 69 USPQ 443, affirming the decision of the Examiner of Interferences sustaining appellee's petition for the cancellation of appellant's registered trade-mark "SPORTMASTER" for use on "men's dress, work, and under shirts."

Appellant's mark, registration No. 336,803, was registered July 21, 1936, under the Trade-Mark Act of February 20, 1905, on an application filed March 9, 1936.

Appellee's petition for cancellation of appellant's registered trade-mark was filed March 22, 1944, and was based upon the use of the trade-mark "SPORTSTER," registered June 15, 1926, on an application filed April 1, 1925, registration No. 214,199, for use upon sport shirts.

No testimony was introduced by either of the parties, and the only evidence in the case consists of the trade-mark registrations of the parties. Although counsel for appellant gave notice under rule 154(*c*) of the Rules of Practice in the United States Patent Office that they would rely at final hearing in the Patent Office on various trade-mark registrations, they are not in the record before us and no reason is given in the brief of counsel for appellant as to the purpose of introducing them.

It is not questioned here by counsel for appellant that the goods of the parties possess the same descriptive properties, and the sole issue in the case is whether the respective marks of the parties are confusingly similar, within the purview of section 5 of the Trade-Mark Act of February 20, 1905.

The petition for cancellation of appellant's mark was filed by appellee under section 13 of the Trade-Mark Act of February 20, 1905, and it is not claimed here by counsel for either of the parties that the Trade-Mark Act of July 5, 1946 (effective July 5, 1947), has any application to the issues here involved, although the appeal was pending in this court on the effective date of that act.

The Examiner of Trade-Mark Interferences and the Commissioner of Patents concurred in holding that the registered marks of the parties were confusingly similar; that appellant was not entitled to use its mark on its goods on the date of its application for registration; and that, therefore, its registration should be canceled.

It is contended here by counsel for appellant that the cumulative differences in the respective marks of the parties and of the goods upon which they are used are such that the concurrent use of the respective marks by the parties would not be likely to cause confusion in trade, and that appellee is not injured by appellant's registration of its mark. In support of that statement, it is argued by counsel for appellant that the dominant feature of appellant's registered mark "SPORTMASTER" is the suffix "MASTER"; that the dominant feature of appellee's mark is the suffix "TER"; that the prefix "SPORTS" in appellee's mark is merely the plural of the prefix "SPORT" in appellant's mark; that the prefix "SPORT" or "SPORTS" is merely descriptive of the goods of each of the parties; that the suffix "MASTER" in appellant's mark and the suffix "TER" in appellee's mark being the dominant features of the respective marks, are the only portions of the involved marks which indicate origin of the respective goods of the parties; and that the suffix "MASTER" in appellant's mark is sufficiently distinguishable from the suffix "TER" in appellee's mark so that confusion as to the origin of the respective goods of the parties would not be likely to occur.

Counsel for appellant quoted, evidently with approval, the following statement from the decision of the Commissioner, which reads:

> I agree with respondent [appellant] that the word "sport," as applied to wearing apparel generally, and to shirts particularly, is descriptive. The dictionaries so indicate. In consequence, neither of the marks in question is dominated thereby.

[1] It would seem to be evident, from the argument of counsel for appellant that although appellant's registered mark "SPORTMASTER" is for use on "men's dress, work, and under shirts," the prefix "SPORT" in appellant's trade-mark is merely descriptive of the goods upon which its mark is used, and that, therefore, the trade-mark "SPORTMASTER" on the goods upon which the mark is used, includes sport shirts, or that in the natural extension of its business, appellant contemplates the use of the trade-mark "SPORTMASTER" on sport shirts.

As hereinbefore noted, each of the tribunals of the Patent Office concluded that considering the marks in their entireties, and the goods upon which they were used, the marks were confusingly similar and that appellee would be injured by the use of appellant's mark on its goods.

[2] It is well known in the commerce of the United States, of which the court may take judicial notice, that so-called "sport shirts," "undershirts," "work shirts," and "dress shirts" are sold in the same stores to the general public, so the question presented is whether, considering the goods of the parties and their respective marks, confusion in trade would be likely to occur by the concurrent use of the marks of the parties on their goods.

We are of opinion, as were the tribunals of the Patent Office, that the marks are confusingly similar and that appellee would likely be injured by the use of the registered mark "SPORTMASTER" on shirts possessing the same descriptive properties as those on which appellee uses its mark "SPORTSTER." It clearly appears that the last four letters of the marks end in the letters "STER" and that the only difference is that appellant's mark has the letters "MA" which do not appear in appellee's mark. It is true that neither of the parties is entitled to the exclusive use of the word "SPORT" as a trade-mark, as it is merely descriptive of the goods upon which the mark is used by each of the parties.

We have given careful consideration to the arguments presented here by counsel for appellant, and the cases cited upon which they rely, but are unable to hold that the trade-mark "SPORTMASTER" for use on appellant's goods is not confusingly similar to the trade-mark "SPORTSTER" as used by appellee on its goods, and that appellee would not likely be injured by the use of the trade-mark "SPORTMASTER."

[3] We have frequently held in opposition and cancellation proceedings that trade-marks should be considered in their entireties, and that the public should not be required to dissect or analyze trade-marks in order to avoid confusion as to the origin of goods. It is unnecessary that we cite decisions in support of those statements.

After careful consideration we are of opinion that the tribunals of the Patent Office reached the right conclusion. Accordingly, the decision of the Commissioner of Patents is affirmed.

AFFIRMED.

BLAND, *J.*, sat during the argument of this case, but resigned before the opinion was prepared.

PATENT SUITS

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,876,833, 2,024,420, 2,166,717, E. Benedek, Pump; 2,000,271, same, Variable delivery pump or motor; 2,074,205, same, Fluid pressure generator; 2,159,245, same, Variable displacement pump or motor; 2,159,244, same, Hydraulic pump or motor, filed Mar. 1, 1948, D. C., S. D. Ohio, W. Div., Doc. 929, *E. K. Benedek* v. *Hydro-Power, Inc., et al.*

1,908,845, R. S. Hopkins Apparatus for handling discrete documents; 1,957,889, Hopkins & Hughey, Photographic recording apparatus; 2,039,697, O. Wittel, Footage indicator for photographic apparatus; Des. 118,949, A. E. Schubert, Photographic viewing apparatus, D. C., W. D. N. Y., Doc. 2964, *Eastman Kodak Co.* v. *Remington Rand, Inc.* Judgment dismissing complaint on consent Feb. 25, 1948.

1,957,889. (See 1,908,845.)

1,970,761, H. H. McVicar, Whipstock, filed Feb. 11, 1948. D. C., E. D. Tex. (Tyler), Doc. 967, *H. H. McVicar et al.* v. *Comac Deflecting Tool Co.*

2,000,271. (See 1,876,833.) 2,024,420. (See 1,876,833.)

2,029,491, W. G. Lane, Gun-type formation tester; 2,092,337, L. Spencer, Formation testing apparatus, D. C., S. D. Calif. (Los Angeles), Doc. 5295–WM, *M. O. Johnston Oil Field Service Corp.* v. *Lane-Wells Co.* Claims 7–9, inclusive, and 11–14, inclusive, of 2,029,491 held valid; claims 1–5, inclusive, 7, 9, 10, 18, 28 of 2,092,337 held invalid; injunction restraining defendant from claiming infringement Feb. 26, 1948.

2,039,697. (See 1,908,845.)

2,058,034, J. A. Prochiette, Nailing machine, filed Feb. 26, 1948, D. C., N. D. Calif., S. Div., Doc. 27930–R, *J. A. Prochiette* v. *Holt Mfg. Co.*

2,074,205. (See 1,876,833.) 2,082,730. (See 2,258,573.)

2,092,337. (See 2,029,491.)

2,099,973, L. M. de Corlieu, Life-saving and swimming propelling device; 2,321,009, O. P. Churchill, Swim-fin, D. C., S. D. Calif., C. Div., Doc. 6957–Y, *O. P. Churchill* v. *D. F. Eddy et al.* Dismissed without prejudice Mar. 1, 1948.

2,124,625, J. R. Marvin, Land leveler, D. C., S. D. Calif. (Los Angeles), Doc. 5785–WM, *Marvin Landplane Co.* v. *Pacific Supply et al.* Patent held valid and infringed, injunction Feb. 20, 1948.

2,143,194, G. L. Holzapfel, Carburetion apparatus for internal combustion engines, filed Feb. 26, 1948, D. C., S. D. Calif. (Los Angeles), Doc. 8011–PH, *W. P. Mealey* v. *American Liquid Gas Corp.*

2,159,244. (See 1,876,833.) 2,159,245. (See 1,876,833.)

2,159,500. (See 2,258,573.) 2,166,717. (See 1,876,833.)

2,192,479, J. P. Nissen, Implement for applying fluid and semi-paste material; 2,426,453, W. H. Huenergardt, Fountain pen, supplemental complaint filed Mar. 2, 1948, D. C., N. D. Ill., E. Div., Doc. 47c265, *Reynolds Pen Co.* v. *Marshall Field & Co.*

2,212,174. (See 2,258,573.)

2,236,778, Des. 121,016, B. A. Mitchell, Bed lamp, D. C., N. D. Ill., E. Div., Doc. 47c814, *Mitchell Mfg. Co.* v. *Eagle Electric Mfg. Co., Inc.* Cause dismissed with prejudice by stipulation Mar. 2, 1948.

2,258,573, A. A. Johnson, Manifolding pack; 2,082,730, C. W. Brenn, Manifolding device; 2,159,500, 2,212,174, same, Manifolding, filed Jan. 27, 1948, D. C., N. D. Ill., E. Div., Doc. 48c114, *Autographic Register Co.* v. *Uarco, Inc.*

2,292,628, B. W. Fry, Coin collector; 2,326,673, Patzer & Tratsch, Coin chute, D. C., N. D. Ill., E. Div., Doc. 45c1618, *National Slug Rejectors, Inc.*, v. *A. B. T. Mfg. Corp.* "Complaint and counterclaim dismissed for want of equity July 5, 1946, claim 21 held valid and infringed; defendant enjoined Mar. 3, 1948."

2,300,842, F. H. Leslie, Louver for slant roofs, D. C., N. D. Ill., E. Div., 47c1700, *F. H. Leslie* v. *Standard Steel Cabinet Co.* Consent decree, injunction Mar. 4, 1948.

2,321,009. (See 2,099,973.) 2,326,673. (See 2,292,628.)

2,346,932, H. Mays, Supporting apparatus, filed Mar. 6, 1948, D. C., N. D. Ohio, E. Div., Doc. 25454, *H. Mays* v. *MacKenzie Muffler Co., Inc.*

2,346,995, R. C. Palmer et al., Zinc-calcium resinate and process of making same, filed Mar. 4, 1948, D. C. Del., Doc. 1103, *Brown Oil & Chemical Corp.* v. *Newport Industries, Inc.*

2,367,585, 2,392,245, 2,394,453, K. Z. Huszar, Rod mill, D. C., S. D. Ohio, W. Div., Doc. 1251, *Cincinnati Chemical Works, Inc.*, v. *K. Z. Huszar.* Decree holding patents invalid and awarding declaratory judgment to plaintiff (notice Mar. 5, 1948).

2,392,245. (See 2,367,585.) 2,394,453. (See 2,367,585.)

2,426,453. (See 2,192,479.)

2,433,657, M. Flaig, Resiliently expansible multi-sectional metallic bands, filed Feb. 13, 1948, D. C., S. D. N. Y., Doc. 44/770, *Bruner-Ritter, Inc., et al.* v. *Benrus Watch Co., Inc.*

Des. 118,949. (See 1,908,845.)

Des. 121,016. (See 2,236,778.)

T. M. 386,889, W. O. Geyer, Ground glass joints, stoppers and stop-cocks for glass chemical apparatus, etc., D. C., N. D. Ill., E. Div., Doc. 47c974, *Scientific Glass Apparatus Co., Inc.*, v. *Daylite Vacuum Products Co., et al.* Judgment dismissing complaint for want of equity, trade-mark held not infringed Feb. 26, 1948.

NOTICES

Classification Order No. 24

February 12, 1948

The following transfer is ordered to take effect Monday, February 16, 1948:

Class 84, Music, from Division 5 to Division 10.

THOMAS F. MURPHY,
Assistant Commissioner of Patents.

Classification Order No. 25

March 8, 1948

The following transfer is ordered to take effect immediately:

Class 224, Package and Article Carriers, from Division 4 to Division 24.

THOMAS F. MURPHY,
Assistant Commissioner of Patents.

Adjudicated Patents

(C. C. A. Ill.) Ernst patent, Reissue No. 18,287, for control mechanisms for hydraulic motors, claims 1, 2, 8, 19, 20, and 22 *Held* invalid. *Hydraulic Press Mfg. Co.* v. *Williams, White & Co.*, 165 F.2d 489; 76 USPQ—.

(C. C. A. Ill.) Ernst patent, Reissue No. 19,694, for control mechanisms for hydraulic motors, claims 1, 10, 19, 20, 27, and 36 *Held* invalid. *Id.*

Disclaimers

2,398,499.—*Andrew V. Haeff*, Washington, D. C. ELECTRON DISCHARGE DEVICE. Patent dated Apr. 16, 1946. Disclaimer filed Mar. 9, 1948, by the assignee, *Radio Corporation of America.*

Hereby disclaims claims 1, 4, and 7 of said patent.

2,399,223.—*Andrew V. Haeff*, East Orange, N. J. ELECTRON DISCHARGE DEVICE. Patent dated Apr. 30, 1946. Disclaimer filed Mar. 9, 1948, by the assignee, *Radio Corporation of America.*

Hereby disclaims claims 1, 5, 12, 41, 44, and 45 of said patent.

REGISTER OF PATENTS AVAILABLE FOR LICENSING OR SALE

(The "Groups" appearing after the patent abstracts are based on the Standard Industrial Classification Manual, Vol. I, Manufacturing Industries, Executive Office of the President, Bureau of the Budget)

Pat. 2,432,354. HOLLOW BUILDING WALL. Patented Dec. 9, 1947. This invention relates to a hollow building wall for the circulation of air therethrough. Prefabricated metallic panels are used, the door and window frames secured in place at time of fabrication of panels. After the panels are erected, brick or stone veneer is added. Air spaces are provided between the joists. A large conduit extends through the foundation wall. One end, extending exteriorly of building close to the ground, is provided with a damper for controlling the admission of air. The other end is centrally placed in basement for the delivery of incoming air. Air is circulated underneath the floor structure and upwardly through the walls to attic, where ventilators are provided in roof for exit of the air. For winter use the damper is closed, and warm air from basement circulated through walls and attic. (Owner) Clyde Temple, Redfork Station, Box 31, Tulsa, Okla. Groups 32—51; 33—81. Reg. No. 9,447.

Pat. 2,433,553. SPEED RESPONSIVE CONTROLLED ONE-WAY ENGAGING CLUTCH. Patented Dec. 30, 1947. A free-wheeling clutch for helicopters which automatically connects the rotor with the drive shaft when the speed of the engine passes a predetermined value and disconnects when either the motor speed falls too low or the rotor speed greatly exceeds that of the engine. It comprises a driving disk, and a driven ring around the disk, with rollers between, which are forced against the ring by cam surfaces on the disk. Cooperating shoulders hold the rollers at low points on the cam surfaces out of driving contact with the ring. Centrifugally operated means move with the disk to release the shoulders from the rollers above a definite speed of the drive shaft so the rollers can be forced by the cam high points into driving contact with the ring. (Owner) Carl Paul Heintze, Clocks Blvd., Amityville, Long Island, N. Y. Group 35—66. Reg. No. 9,448.

Pat. 2,387,016. MAGNETIC POLARITY CHANGING CIRCUIT. Patented Oct. 16, 1945. In contrast to conventional field flux paths generally used, the exciting flux in this motor is supplied to the armature from a magnetic spider having alternate magnetic poles, and without the necessity of current switching devices. The outer frame of the motor is of aluminum or other non-magnetic material, the flux-carrying spider, U-shaped polar units, and armature being made of magnetic material. A change in polarity is produced by a relatively small rotation of the spider, which shifts the poles of the spider and reverses the rotation of the armature. The spider may be moved by a handle or by means of remote control. (Owner) Helen J. Hall, % Electronics Enterprises, 1619 Shatto St., Los Angeles 14, Calif. Group 36—19. Reg. No. 9,449.

Pat. 2,433,952. SAFETY PARACHUTE. Patented Jan. 6, 1948. A parachute for bringing an airplane down safely in the event of engine trouble or damage to the aircraft. A parachute is provided in a box placed forwardly of an upstanding tube from the fuselage. The box is covered by a curtain having one end attached to a spring-operated roller. A pull line passes around a wheel at upper end of tube, runs downwardly through the tube, passes around a wheel at bottom of the tube, and moves forwardly for connection with a rotatable drum operated by a crank. The other end of the line connects with sleeve of tube for elevating the lifting hook, which lifts the parachute from the box. (Owner) Samuel J. Hines, 1908 Mason St., Alexandria 12, La. Group 37—21. Reg. No. 9,450.

Pat. 2,320,440. BOTTLE CARRIER. Patented June 1, 1943. Opposite ends of a blank of cardboard are folded inwardly to form a base of double thickness and a handhold of double thickness extending centrally upwardly from the base. On opposite sides of the handhold the base is provided with rows of holes which are of restricted diameter at their outer ends. A removable keeper in the form of a narrow strip of cardboard is slid inwardly between the folds of the base. When keeper is in one position, arcuate notches in its edges register with the holes to permit bulbous heads of bottles to be placed upwardly through the holes. The keeper is then slid inwardly so that the unnotched portions of its edges will wedgingly force and retain the necks of the bottles outwardly in the restricted portions of the holes. When the carrier is lifted, the bottles are suspended therefrom. (Owners) Charles H. Kruea and Dorella A. Kruea, 49 Indiana Ave., Fort Thomas, Ky. Group 26—61—66. Reg. No. 9,451.

Pat. 2,231,886. METHOD OF PRESERVING DRESSED AND DRAWN FOWL. Patented Feb. 18, 1941. Groups 20—15; 35—84. Reg. No. 9,452.

Pat. 2,309,046. APPARATUS FOR PRESERVING DRESSED AND DRAWN FOWL. Patented Jan. 19, 1943. Groups 20—15; 35—84. Reg. No. 9,453.

These two patents describe the preservation of dressed and drawn fowl by refrigeration. In Patent 2,231,886 a long paraffined paper tube is passed through the carcass of a fowl which has been cleaned. The legs and wings of the fowl are trussed and the cleaned cavity is filled with water. The fowl is placed in apparatus described in Patent 2,309,046, which includes inlet and outlet connections to refrigerating apparatus and a mold, a portion of which is contoured to the shape of the normal breast of a fowl. Projecting ends of the paper tube are coupled to the refrigerating apparatus and brine pumped through the tube to freeze the water in the cavity. Suction is then applied to drain the tube, which is then uncoupled so that the carcass may be taken to a hardening room and frozen dry. The ends of the tube are turned in to seal the air passage and the fowl glazed by dipping the carcass into cold water until a coating of ice forms. The carcass is then wrapped in an airtight bag and maintained in cold storage. A fowl processed according to the method outlined is ready for cooking without further cleaning or dressing as soon as the block of ice is melted or removed with the paper freezing tube. (Owner) John N. Crider, R. D. 1, Shippensburg, Pa.

Pat. 2,433,017. DIAPER GARMENT. Patented Dec. 23, 1947. This garment consists of a shirt and an oblong diaper fastened together without pins and applied without turning the infant to which the garment is being fitted. The shirt has buttonholes at each side of its lower edge to receive fasteners of the head-and-socket type inserted in pairs at the corners of a multi-ply diaper composed of moisture-absorbing fabric. The diaper is attached to the shirt so that the diaper corners overlap. Provision is made for stockings to be fastened to the diaper in the same manner as the shirt. (Owners) Rose Morby Romanowski and Stanley Romanowski, 1021 College St., Nanticoke, Pa. Group 23—41—99. Reg. No. 9,454.

Pat. 2,226,065. FISH LURE. Patented Dec. 24, 1940. Lure has a tapering plastic body and metal head in which are embedded a swivel line-attaching eye at the forward end and a swivel hook-attaching portion at the rear end. When pulled through the water, rotary movement of the lure is produced by laterally projecting curved fins. (Owner) George Mesaros, 225 East Price St., Linden, N. J. Groups 39—49; 40. Reg. No. 9,455.

Pat. 2,433,058. CIRCULAR CUTTING AND EJECTING DIE. Patented Dec. 23, 1947. Die has two main portions: an open cylindrical piece or cutter and an ejector. The lower end of the piece is frusto-conical in shape and forms a cutting edge, a sleeve being freely mounted on a shoulder above the edge. The upper edge of the cutter is threaded to the head of a die shank inserted in a drill press. A knurled collar is also threaded to the shank, the lower face of the collar providing a recess for an annular ring connected to guide rods slidable in the shank head and attached to the ejector head. The collar is gripped to effect movement of the ejector so that circular elements punched from sheet material are discharged without distortion upon retraction of the die. The sleeve engages the edge of the opening of punched material, lessening friction between the upper portion of the die and the punched openings. (Owner) George Mesaros, 225 East Price St., Linden, N. J. Groups 33—51; 35—43. Reg. No. 9,456.

Pat. 2,188,989. SNOW REMOVER. Patented Feb. 6, 1940. Snow remover, adapted to be detachably connected to the rear end of a truck, will automatically scoop up snow and convey it into truck body. The remover comprises an elongated trough having a pair of wheels at its rear end and clamps on its forward end for connection to the tail gate of a truck so that the remover will trail the truck in slanting position. A conveyor inside trough is operated when the wheels revolve. An arcuate structure attached to the rear end of the trough consists of a combined bladed scoop, a guide trough, and guide flange. The scoop is arched over one wheel in fender-like fashion and extends laterally beyond the wheel close to the ground with the mouth of scoop facing forwardly. Snow entering the scoop is directed by the guide trough and flange in a curved path to the lower end of the conveyor, which delivers it into truck body. (Owner) August F. Werner, 20005 Woodcrest Drive, Detroit 24, Mich. Group 38—11. Reg. No. 9,457.

Pat. 2,432,080. DEVICE FOR FORMING HELICAL COILS. Patented Dec. 9, 1947. Device may be used to form coil springs of either the closed or compression type. It includes a disc having a series of holes extending substantially circumferentially around a central point (for receiving mandrels of different diameters) and a circular spacing plate of smaller diameter centrally mounted at one side of the disc. The peripheral surface of this plate, which barely clears any inserted mandrel, gradually increases in diameter from a narrow thin leading edge to a trailing edge of maximum thickness for determining coil pitch. The plate may be rotatably adjusted to bring any selected peripheral edge portion next to the mandrel so that such selected edge will fit between and space adjacent coils of wire being wound on the mandrel to form a spring of desired pitch. When it is desired to form closed coil springs, a notch in the plate where the leading and trailing edges meet is brought next to the mandrel. The plate is also longitudinally adjustable to accommodate wire of different gauge. (Owner) Charles Anthony, 5537 Hunter St., Philadelphia 31, Pa. Group 33—49. Reg. No. 9,458.

Pat. 2,427,843. BOILER TUBE SLITTER. Patented Sept. 23, 1947. A tool for slitting boiler tubes lengthwise and removing them from their header plates. The cutting blade is pivotally mounted on a cylindrical carrier block and projects laterally from one side. As the tool travels along inside of tube under the impact of a pneumatic hammer to which it is coupled, it cuts a recess in wall of tube and turns the removed material inwardly. At the conclusion of a cutting operation tool is withdrawn and the tube collapsed and removed from header plate. (Owner) Horace F. Dugger, Dora, Ala. Groups 33—51; 35—42. Reg. No. 9,459.

Pat. 2,338,702. GARMENT HANGER. Patented Jan. 11, 1944. Hanger has an extensible and contractible hanger bar carrying a pair of spring clips (with finger-like jaws) from which trousers are suspended by the cuffs. Top looped section of hanger, which supports a coat, is formed from a single piece of resilient wire having its ends connected to the outer ends of hanger bar. The loop section (which is wound at its center to form a coil spring) normally urges the bar into extended position so that the spring clips will move away from each other to stretch the cuffs. Ends of loop may be collapsed to contract hanger bar sufficiently to permit attachment of clips to cuffs. A foldable suspension hook is attached to the coil spring. Modification is shown. (Owner) John J. Cavanagh, 1 Walnut St., Farmingdale, Long Island, N. Y. Groups 33—49; 40. Reg. No. 9,460.

Pat. 2,066,238. GAME DEVICE. Patented Dec. 29, 1936. Miniature playing cards may be arranged within this pocket-sized holder for solitaire and like games. The holder is a sheet metal frame having vertical end and side walls enclosing a central and several transverse partitions which form open-ended pockets or compartments. Each of the pockets is bordered on three sides by a top flange and is provided with a spring-urged follower plate which moves upwardly to contact the flanged top so that cards are yieldingly held in place and easily slidable in an outward direction. Crossword puzzles, anagrams, and other games may be worked in the holder, its handy size making it ideal for use while traveling. (Owner) Walter T. Supina, P. O. Box 16, Penns Park, Pa. Group 39—41. Reg. No. 9,461.

Pat. 2,432,596. AMUSEMENT TARGET. Patented Dec. 16, 1947. A target in the form of a wooden comic figure with a mouth that opens and serves as a target for balls thrown therein. The mouth is provided with upper and lower doors in the form of teeth pivoted to head portion and operable by pulleys. When a ball strikes upper door, it swings door upwardly, and a striker attached thereto rings a bell attached to head portion. Modifications shown. (Owner) John Goodill Tindale, 223 North 4th St., Iola, Kans. Group 39—41. Reg. No. 9,462.

Pat. 2,328,913. SUPPORT RACK FOR CARTONS OF BOTTLES OR THE LIKE. Patented Sept. 7, 1943. A floor rack for storing and displaying a number of cartons of soft drinks or the like in such a manner that the advertising on the cartons is visible. Reinforced horizontal hanger bars are supported between pairs of arms which extend upwardly at an angle from a pair of uprights which support the rack. Spaced double hooks are provided on the hanger bars from which the cartons, having elongated hand-hole openings, are suspended. The bar is notched between the hooks for easy hanging or removal of the cartons. Modifications shown. (Owners) Charles H. Kruea and Edwin H. Creutz, 49 Indiana Ave., Fort Thomas, Ky. Group 25—41. Reg. No. 9,463.

Pat. 2,433,915. CHILD'S UNDERSHIRT. Patented Jan. 6, 1948. This undershirt slips on arms and wraps around child from front to back and crosses in the back. Tapered ends are brought forward through slots under each arm and fastened in the front as a belt. (Owner) Mrs. Olive L. Long, Route 2, Box 444, Mesa, Ariz. Groups 22—45; 23—41. Reg. No. 9,464.

Des. Pat. 135,934. DESIGN FOR A COMBINED ASH TRAY AND SAFETY MATCH HOLDER. Patented July 6, 1943. Substantially oval tray, flattened at one end, provides a well for ashes at one side, opposite which is a long slot centered between a pair of smaller wells (for used matches or a similar purpose). The slot has overhanging shoulders for firmly holding a box or book of matches. (Owner) Michael Mayer. Address correspondence to William Isler, 416 Leader Bldg., Cleveland 14, Ohio. Groups 32—29; 40. Reg. No. 9,465.

Pat. 2,433,141. HAIR CURLER. Patented Dec. 23, 1947. Collapsible rubber curler is small so that a number of them may be placed on scalp. The curler has a solid base (with a slot in one side) connected to a rigid ventilated cap by a collapsible bellows. Strands of hair are wound around the bellows to form a curl. Curler is then collapsed and held so until curl sets. When collapsed, flange of cap rests on base and encloses curl. To hold curler collapsed, a rubber band having a locking ball near its lower end is provided. The band extends downwardly through a hole in the cap with its lower end secured to base. With curler collapsed, band and ball are pulled upwardly and then moved laterally so that the ball will overlie a restricted slot in cap. In a modification a coil spring covered with fabric is used instead of the rubber bellows. (Owner) Mina M. McPherson, Box 358, Anchorage, Alaska. Groups 30—31—32; 39—91. Reg. No. 9,466.

Pat. 2,430,912. GRASS TAMPING ATTACHMENT FOR LAWN MOWERS. Patented Nov. 18, 1947. Device is used for tamping grass cuttings in a conventional type of grass catcher which trails mower. It consists of a swinging arm having a tamper blade on its lower end and a yoke on its upper end. The arm, near its center, is pivotally connected to one end of a push-pull rod. An operating lever has its lower end pivotally connected to the opposite end of the rod. To attach device to mower, the center of the lever and the yoke are each pivotally connected to one leg of the usual U-shaped mower handle. The free end of the lever curves rearwardly and downwardly, terminating in a lateral semi-circular hand-grip which will snap down over the transverse mower hand-grip to maintain tamper blade elevated well above grass catcher. Releasing and manipulating lever actuates tamper blade to sweep cuttings in catcher toward the rear and tamp them. (Owner) Carl G. Christian, Box 201, La Salle, Colo. Group 35—22—69. Reg. No. 9,467.

Pat. 2,225,133. ARTICLE CONTAINER. Patented Dec. 17, 1940. Cardboard carton for radio tubes is made up of an inner and outer shell, so constructed that a tube may be tested without removing it from the carton. The tube is completely enclosed except that the top and base terminals project through openings provided at each end. The carton features a tongue portion on the outer shell which is inserted through a pair of slits on the inner shell and stapled. This enables the inner shell to have limited sliding movement for testing purposes and yet retain the tube safe from damage or substitution. (Owner) Henry Silver. Address correspondence to Harry Langsam, 12 South 12th St., Philadelphia 7, Pa. Group 26—61. Reg. No. 9,468.

Pat. 2,345,594. AUTOMATIC WINDOW SASH OPERATING MECHANISM. Patented Apr. 4, 1944. This patent describes a concealed automatic window-raising and -lowering mechanism. A plunger rod centered on the bottom rail of a window sash is connected through reduction gearing to a reversible motor housed in the wall under the sill. The motor is operated by a double and single throw switch, the latter normally closed. The switches are automatically operable by a pair of projections on the plunger rod, the lower projection operating the double throw switch to reverse the motor only when the sash is fully raised. The upper projection, which is vertically adjustable on the rod (to allow the sash to be raised to a selected height) operates both switches to stop the motor only when the sash is fully lowered. The mechanism may be timed by adjusting the switches. (Owner) C. C. Gardner, 605 Forest City Bank Bldg., Rockford, Ill. Group 36—19. Reg. No. 9,469.

Pat. 2,433,133. PORTABLE AND COLLAPSIBLE STAND FOR CAMERAS. Patented Dec. 23, 1947. A stand for cameras which are used for reproducing maps, documents, etc. Also useful as a projecting stand for portable moving- or still-picture projectors, reading projectors, and the like. The stand consists of two upright grill-like frames inclined toward each other at the top. Each frame has four longitudinally extending bars connected by cross bars at top and bottom, with the two intermediate longitudinal bars of each frame having telescoping extensions at their upper ends for supporting a camera between the frames. A sheet of pliable material is provided at base of frames for supporting the article to be copied. Adjustable reflectors and lights are mounted on the inner side of each frame for illuminating the article being copied. The stand is constructed of light metal, wood, or plastic and is easily collapsible to fit into a carrying case. (Owner) Henry K. Lindsey, 2290 Liliha St., Honolulu, T. H. Group 39—12. Reg. No. 9,470.

TRADE-MARKS

OFFICIAL GAZETTE, APRIL 6, 1948

[VOL. 609. NO. 1]

ACT OF 1905

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication. As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Marks published for opposition under the act of 1946 follow the 1905 publications.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 510,860. PETROLEUM SPECIALTIES COMPANY, St. Louis, Mo. Filed Oct. 14, 1946.

PetroResin

The word "Res'n" is disclaimed apart from the mark.

FOR POLYMERIZED OLEFINIC HYDROCARBONS OF GENERALLY CYCLIC NATURE FOR GENERAL USE IN THE INDUSTRIAL ARTS.

Claims use since July 13, 1945.

Ser. No. 513,385. BOSTON WOVEN HOSE & RUBBER COMPANY, Cambridge, Mass. Filed Nov. 29, 1946.



The words "Boston Woven Hose and Rubber Company" are disclaimed apart from the mark as shown.

FOR PLASTIC MATERIAL IN THE FORM OF RIGID, SEMI-RIGID, AND FLEXIBLE SHEETS, AND CONTINUOUS EXTRUSION PLASTIC STRIPS FOR FABRICATION INTO VARIOUS MANUFACTURED ARTICLES.

Claims use since Oct. 26, 1946.

Ser. No. 522,832. EAGLE-OTTAWA LEATHER COMPANY, Grand Haven, Mich. Filed May 22, 1947.

LAST EZY TUFTOE

FOR LEATHER.

Claims use since January 1946.

Ser. No. 522,979. ANGLO AMERICAN LEATHER CO., INC., Newark, N. J. Filed May 24, 1947.

Glamé

FOR PROCESSED SKINS AND LEATHER.

Claims use since May 1, 1947.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 516,067. PHILIP FLORIN, INC., New York, N. Y. Filed Jan. 21, 1947.



FOR WALLETS.

Claims use since June 1939.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 482,777. ADVANCO LABORATORIES, INCORPORATED, Saginaw, Mich. Filed Apr. 30, 1945.



The words "Keep Slick and Clean With" are disclaimed apart from the mark as shown.
FOR CLEANING AND WASHING COMPOUND.
Claims use since Apr. 3, 1945.

Ser. No. 493,687. THE IRWIN-NEWMAN PRODUCTS CORP., Brooklyn, N. Y. Filed Dec. 21, 1945.



All the wording except "Fasuds" is disclaimed, except in connection with the mark shown. The representation of the woman shown in the drawing is merely fanciful. This pictorial feature showing the woman using the goods is disclaimed except in combination with the rest of the mark as shown.
FOR SOAPLESS CLEANING POWDER.
Claims use since October 1945.

Ser. No. 511,472. HELP, INC., Chicago, Ill. Filed Oct. 25, 1946.



The drawing is lined for blue, red and yellow.
FOR GENERAL HOUSEHOLD CLEANING PREPARATION WITH INCIDENTAL WATER SOFTENING PROPERTIES IN POWDER OR LIQUID FORM.
Claims use since Sept. 15, 1925.

Ser. No. 525,419. SUN OIL COMPANY, Philadelphia, Pa. Filed July 1, 1947.

SUNOCO

FOR CHROME CLEANER, DRY CLEANING FLUID, SPARK PLUG ABRASIVE AND CLEANING SAND, CHEMICALLY TREATED POLISHING CLOTH.
Claims use since Apr. 18, 1944.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 500,430. U. S. INDUSTRIAL CHEMICALS, INC., New York, N. Y. Filed Apr. 17, 1946.

SIL-O-SIL

FOR ORGANO-SILICON COMPOUNDS HAVING A GENERAL UTILITY IN THE INDUSTRIAL ARTS.
Claims use since Mar. 31, 1944.

Ser. No. 500,910. SPLENDOR LTD., Nottingham, England. Filed Apr. 25, 1946.

SPLENDOR BRAND

The word "Brand" is disclaimed apart from the mark.
FOR MEDICATED FOOT OINTMENTS AND FOOT POWDERS.
Claims use since 1936.

Ser. No. 501,314. DOMINICK F. DE ANGELIS, doing business as De Angelis Pharmacal Co., Brooklyn, N. Y. Filed May 2, 1946.

B-STRON

The letter "B" is disclaimed apart from the mark as a whole.
FOR MEDICINAL TABLETS CONTAINING STRONTIUM BROMIDE AND THIAMIN CHLORIDE FOR USE AS A MILD SEDATIVE, FOR SIMPLE NERVOUSNESS, IRRITABILITY, AND OCCASIONAL INSOMNIA.
Claims use since Apr. 20, 1946.

Ser. No. 501,699. VERMEX COMPANY OF AMERICA, Glendale, Calif. Filed May 8, 1946.

VERMEX

FOR INSECTICIDES.
Claims use since November 1940.

Ser. No. 501,871. ALMA I. RAULLERSON, Albany, N. Y. Filed May 10, 1946.

ELODIA

FOR HAIR PREPARATION FOR THE STIMULATION OF THE SCALP AND THE PREVENTION OF FALLING HAIR AND DANDRUFF.
Claims use since December 1944.

Ser. No. 503,389. MATO REESE INC., Chicago, Ill. Filed June 6, 1946.

THE GLASS MENAGERIE

FOR TOILET PREPARATIONS — NAMELY, COLOGNE, PERFUMES, BATH CRYSTALS, BATH OILS, AND BUBBLE BATH.
Claims use since Apr. 23, 1946.

Ser. No. 508,969. BOYLE AND COMPANY, Los Angeles, Calif. Filed Sept. 13, 1946.

Tansan

FOR SUN TAN LOTION.
Claims use since Apr. 23, 1946.

Ser. No. 509,624. EMELIE B. ALLARD, Ottawa, Ontario, Canada. Filed Sept. 24, 1946.



The signature is a facsimile of the signature of the applicant. No claim is made to the words "Vie" and "Life." The portrait is that of Emelie B. Allard.
FOR REMEDY FOR THE SCALP AND FOR THE HAIR, USED FOR THE TREATMENT OF DANDRUFF, AND PROMOTING ITS GROWTH.
Claims use since June 1, 1938.

Ser. No. 510,139. FRANK VON, doing business as Vonett Sales Company, Los Angeles, Calif. Filed Oct. 2, 1946.

PET-A-GREE

FOR SHAMPOO FOR DOGS.
Claims use since Mar. 14, 1936.

Ser. No. 512,788. IRENE MARQUIS, doing business as Del-Mar Products, Oakland, Calif. Filed Nov. 18, 1946.



The portrait is fanciful.
FOR HAIR SHAMPOO AND CREAM LOTION HAIR DRESSING.
Claims use since May 1946.

Ser. No. 513,134. P. A. LABORATORIES, INC., South Bend, Ind. Filed Nov. 23, 1946.

P.A.

FOR UNDERARM PERSPIRATION DEODORANT.
Claims use since Nov. 12, 1946.

Ser. No. 513,543. R. T. VANDERBILT COMPANY, INC., New York, N. Y. Filed Nov. 30, 1946.

VeeCote

FOR PYROPHYLLITE OR TALC USED AS AN INGREDIENT OF COSMETICS, SUCH AS FACE, BODY, AND TALCUM POWDERS.
Claims use since Nov. 8, 1946.

Ser. No. 514,569. JEROME A. STIFFMAN, doing business as Green Hornet Drug Company, Lansdowne, Md. Filed Dec. 19, 1946.

Green Hornets



FOR MEDICINAL TABLETS USED IN THE TREATMENT OF SIMPLE COLDS, NEURALGIA, AND HEADACHES.
Claims use since Nov. 15, 1946.

Ser. No. 514,846. JOHN A. RAY, doing business as The Cool-Amp Co., Portland, Oreg. Filed Dec. 26, 1946.

COOL-AMP

The color lining on the drawing represents brown.
FOR POWDER FOR SILVER PLATING ELECTRICAL BUS BARS, CONNECTORS, AND THE LIKE.
Claims use since July 26, 1946.

Ser. No. 514,856. SVENSKA AKTIEBOLAGET "RATIN," Stockholm, Sweden. Filed Dec. 26, 1946.

RATININ

FOR PREPARATION FOR THE EXTERMINATION OF RATS.
Claims use since 1907.

Ser. No. 518,316. OXFORD LABORATORIES, INCORPORATED, Dayton, Va. Filed Feb. 28, 1947.

Rescolin

FOR GUAIACOL CARBONATE WITH VITAMINS FOR THE TREATMENT OF SYMPTOMS ASSOCIATED WITH COLDS AND GRIP.
Claims use since June 15, 1946.

Ser. No. 519,297. SERAN COMPANY, INC., Springfield, Mass. Filed Mar. 19, 1947.

SERAN

FOR SHAMPOO, SKIN CREAM AND LOTION, PERFUME, LIPSTICK, NAIL POLISH, MOUTH WASH, TOOTH POWDER, DEODORANT.
Claims use since Jan. 7, 1947.

Ser. No. 520,414. PYROXYLIN PRODUCTS, INC., Chicago, Ill. Filed Apr. 9, 1947.

PROX-PEEL

No request is hereby made to register the word "Peel" apart from the mark as shown.
FOR FAMILY OF COATING COMPOSITIONS MADE FROM SEVERAL FILM-FORMING BASES FOR APPLICATION AS MELTS, OR IN SOLUTION FORM IN VOLATILE SOLVENT, FOR PROVIDING ADHERENT TRANSPARENT-TO-OPAQUE PROTECTIVE COATS READILY PEELABLE AS A TOUGH FILM FOR REMOVAL TO EXPOSE THE PROTECTED SURFACE.
Claims use since Feb. 7, 1944.

Ser. No. 520,664. JOHN H. WOOD COMPANY, Philadelphia, Pa., assignor to Skinner Manufacturing Company, Omaha, Nebr., a corporation of Nebraska. Filed Apr. 14, 1947.

NIL

FOR DEODORANT IN PASTE OR SEMI-PASTE FORM FOR APPLICATION TO THE HUMAN BODY.
Claims use since June 5, 1915.

Ser. No. 522,084. TRIO CHEMICAL WORKS, INC., Brooklyn, N. Y. Filed May 8, 1947.

KLEER-X

FOR PINE DISINFECTANT.
Claims use since January 1941.

Ser. No. 523,295. F. C. TURNER, doing business as Agricultural Chemical Mills, Marion, Ill. Filed May 29, 1947.

Gardener's Friend

No claim is made to the word "Gardener's" apart from the mark as shown.
FOR GARDEN INSECTICIDES, BOTH SPRAYING AND DUSTING.
Claims use since Apr. 1, 1944.

Ser. No. 524,690. STEPHEN A. CONDREY, Wilmington, Mass. Filed June 24, 1947.

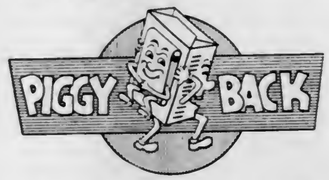
STEPCO PACKS

No claim is made to the word "Packs" apart from the mark.
FOR POULTICES IN THE FORM OF POROUS BAGS CONTAINING FLAXSEED.
Claims use since May 17, 1947.

CLASS 9

EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES

Ser. No. 507,925. NOVIL-T COMPANY, North Hampton, N. H. Filed Aug. 23, 1946.



The vertical color lining on the circular disk symbolizes red and the horizontal color lining on the rectangular area symbolizes blue.
FOR MATCHES.
Claims use since Apr. 9, 1946.

CLASS 10

FERTILIZERS

Ser. No. 519,500. EMMERT R. WILSON, doing business as The M16 Products Co., Stockton, N. J. Filed Mar. 24, 1947.

M16

FOR FERTILIZERS.
Claims use since June 1945.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 505,854. PANETTES COMPANY, Pittsburgh, Pa. Filed July 18, 1946.

Panettes

FOR THIN METAL OR FOIL LINERS SERVING TO LINE COOKING UTENSILS.
Claims use since June 26, 1946.

Ser. No. 514,339. GEORGE F. HADDICAN, Delano, Calif. Filed Dec. 15, 1946.

HADCO

FOR CAST IRON PIPE FITTINGS—NAMELY, Y's, T's, BENDS, SANITARY T's, TAPPED T's, ADAPTERS, AND COMBINATIONS.
Claims use since Oct. 15, 1946.

Ser. No. 519,706. ULTRA SLIDE FASTENER CORP., New York, N. Y. Filed Mar. 27, 1947.

ULTRA

The representation of the goods is disclaimed apart from the mark.
FOR SEPARABLE FASTENERS OF THE SLIDER CONTROLLED TYPE.
Claims use since Jan. 15, 1947.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 499,446. TENSALUM CORPORATION, Franklin Park, Ill., assignor to Kurt R. Schnellhardt, Ingleside, Ill. Filed Apr. 1, 1946.

TENSALUM

FOR ALUMINUM ALLOYS—NAMELY, ALLOYS USED FOR GREEN SAND CASTING, HIGH PRESSURE CASTING, DIE CASTING, PERMANENT MOLD CASTING, EXTRUDED BARS, WIRES AND STRUCTURAL SHAPES, ROLLED SHEETS AND STRIPS, AND FOR WELDING, FORGING, STAMPING, SPINNING, DRAWING AND TUBING.
Claims use since Aug. 21, 1945.

Ser. No. 513,746. LANSDOWNE STEEL & IRON COMPANY, Morton, Pa. Filed Dec. 5, 1946.

LANSCO

FOR METAL FORGINGS.
Claims use since September 1927.

Ser. No. 517,078. NASSAU SMELTING & REFINING COMPANY, INCORPORATED, New York, N. Y. Filed Feb. 6, 1947.

NHE

FOR COPPER INGOTS, COPPER INGOT BARS, COPPER WIRE BARS, AND COPPER ANODES OF ELECTROLYTIC QUALITY.
Claims use since September 1932.

CLASS 15

OILS AND GREASES

Ser. No. 484,194. COMMERCE PETROLEUM COMPANY, Chicago, Ill. Filed June 6, 1945.

SOL-PRO

FOR FUEL OIL FOR HEATING PURPOSES.
Claims use since Feb. 1, 1945.

CLASS 19

VEHICLES

Ser. No. 511,649. IRVING SIMON, doing business as Alltex Products Company, New York, N. Y. Filed Oct. 28, 1946.

NATIONAL

FOR VEHICULAR BRAKE BLOCKS.
Claims use since May 1, 1935.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 505,747. GORDON SPECIALTIES COMPANY, Chicago, Ill. Filed July 17, 1946.

ANTEN -A- CATOR

FOR APPARATUS FOR REMOTELY INDICATING AND CONTROLLING THE POSITION OF ROTATABLE ANTENNAS.
Claims use since June 14, 1946.

Ser. No. 505,748. GORDON SPECIALTIES COMPANY, Chicago, Ill. Filed July 17, 1946.

ROTO-BEAM

The word "Beam" is disclaimed apart from the mark.
FOR ROTATABLE ANTENNAS.
Claims use since June 14, 1946.

Ser. No. 508,844. FLOODBEEM FLASHLIGHT COMPANY, Detroit, Mich. Filed Sept. 11, 1946.

Floodbeem

FOR FLASHLIGHTS.
Claims use since Aug. 5, 1945.

Ser. No. 517,185. CRYSTAL RESEARCH LABORATORIES, INCORPORATED, Hartford, Conn. Filed Feb. 8, 1947.

AmpliMuse

FOR ELECTRON TUBE AMPLIFYING UNITS FOR AMPLIFYING MUSIC FROM MUSICAL INSTRUMENTS, GUITARS, PIANOS, ORGANS, PHONOGRAPHS, AND FOR USE IN PUBLIC ADDRESS SYSTEMS, AND FOR AMPLIFYING SOUND GENERALLY.
Claims use since Jan. 31, 1947.

Ser. No. 523,203. FUSITE CORPORATION, Cincinnati, Ohio, Filed May 28, 1947.

HERMETICAN

The word "Can" is disclaimed except in the connection shown.
FOR MOISTURE PROOF PROTECTIVE CASINGS USED TO RECEIVE ELECTRICAL APPARATUS AND EQUIPMENT SUCH AS CONDENSERS, ETC.
Claims use since Jan. 1, 1946.

Ser. No. 525,949. RADIO CORPORATION OF AMERICA, New York, N. Y. Filed July 3, 1947.

RCA

FOR ARTICLES COMPOSED WHOLLY OR IN PART OF NATURAL AND/OR SYNTHETIC RUBBER SOLD AS PARTS FOR AND AS REPLACEMENT PARTS OF RADIO, TELEVISION, ELECTRONIC AND SOUND PRODUCTS—NAMELY, BUSHINGS, BUMPERS, GROMMETS, TIRES, CUSHIONS, PADS, SHOCK MOUNTINGS, SPACERS, GASKETS, DAMPING BLOCKS FOR PHONOGRAPH PICK-UPS, CAPS FOR ELECTRICAL PHONOGRAPH TURNTABLE SPINDLES TO PREVENT SLIPPAGE, MASKING CUSHIONS FOR CATHODE RAY TUBES, FLEXIBLE COUPLINGS FOR PHONOGRAPH TURNTABLES AND MOTOR SPINDLES, COMBINATION PLUNGER FOR ACTUATING SWITCHES AND REST FOR PHONOGRAPH PICK-UPS, COVERS FOR HOOKS MOUNTED ON DRIVE-IN THEATRE LOUDSPEAKERS TO PREVENT SCRATCHING OF METAL CAR DOORS, RINGS FOR MICROPHONES, TIPS FOR MOTOR SPINDLES, SUCTION CUPS FOR AUTO RECEIVER AND PORTABLE RECEIVER ANTENNAS, EAR CUSHIONS OR CAPS FOR SOUND POWERED TELEPHONES.

Claims use on bushings, bumpers, and damping blocks for phonograph pick-ups since January 1935; on grommets since September 1939; on tires since October 1940; on cushions, pads and shock mountings since January 1939; on spacers since June 1940; on gaskets since December 1940; on caps for electrical phonograph turntable spindles to prevent slippage since March 1938; on masking cushions for cathode ray tubes since April 1939; on flexible couplings for phonograph turntables and motor spindles since December 1938; on combination plunger for actuating switches and rest for phonograph pick-ups since November 1939; on covers for hooks mounted on drive-in theatre loudspeakers to prevent scratching of metal car doors since September 1944; on rings for microphones since May 1940; on tips for motor spindles since March 1942; on suction cups for auto receiver and portable receiver antennas since the spring of 1935; and on ear cushions or caps for sound powered telephones since June 1942.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 496,022. ZADEK FELDSTEIN CO., INC., New York, N. Y. Filed Feb. 5, 1946.

Snow Baby

The word "Baby" is disclaimed.
FOR TOY RATTLES, DOLLS, TOY CHAINS AND TOY NECKLACES, TOY HOOP ELEMENTS HOLDING BEADS AND SMALLER HOOPS.
Claims use since March 1942.

Ser. No. 496,188. CHARLES L. YANCEY, Norristown, Pa. Filed Feb. 7, 1946.

Terrapool

FOR COMBINATION POOL AND CROQUET GAME.
Claims use since Aug. 1, 1944.

Ser. No. 500,901. SAXON TOY CORPORATION, Brooklyn, N. Y. Filed Apr. 25, 1946.

roll-lite

FOR ROULETTE AND PUT AND TAKE GAME.
Claims use since Mar. 1, 1946.

Ser. No. 505,529. STONY BROOK INDUSTRIES, Old Saybrook, Conn. Filed July 12, 1946.

Stony Brook

FOR FISHING RODS, FISHING TIP-UPS, AND FISHING REELS.
Claims use since May 1, 1946.

Ser. No. 509,010. MELVILLE KEIM, Chicago, Ill. Filed Sept. 13, 1946.

DAKOTA

FOR HUNTERS' BELTS WITH ATTACHMENTS FOR CARRYING SHELLS AND SMALL GAME.
Claims use since Aug. 14, 1946.

Ser. No. 522,515. BAYSHORE INDUSTRIES, INC., Elkton, Md. Filed May 16, 1947.



The human figures disclosed in the drawing are fanciful. The word "Ball" and the representation of a ball are disclaimed.
FOR ROUND PLAY BALL HAVING A REMOVABLE, INFLATABLE BLADDER AND A WATERPROOF COVER OR CASING.
Claims use since Feb. 26, 1947.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 496,632. KNAPP-MONARCH COMPANY, St. Louis, Mo., assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Delaware. Filed Feb. 15, 1946.

INSECTOMIZER

FOR INSECTICIDE DISPENSERS, OF BOTH THE FILLED AND UNFILLED RECEPTACLE TYPE.
Claims use since Oct. 3, 1945.

Ser. No. 497,867. LAPP INSULATOR COMPANY, INC., Leroy, N. Y. Filed Mar. 8, 1946.

WILSON PULSAFEEDER

The word "Wilson" is disclaimed.
FOR ELECTRICALLY DRIVEN POSITIVE DISPLACEMENT PROPORTIONING PUMPS OF THE HYDRAULICALLY OPERATED DIAPHRAGM TYPE FOR PUMPING LIQUID CHEMICALS.
Claims use since June 1941.

Ser. No. 510,933. THE BRADFORD MACHINE TOOL CO., Cincinnati, Ohio. Filed Oct. 16, 1946.

METALMASTER

FOR LATHES, DRILLS, BUFFERS, AND GRINDERS.
Claims use since Feb. 6, 1942.

Ser. No. 512,911. JESSE R. JOHNSON, doing business as Ray Tool Co., Gowanda, N. Y. Filed Nov. 20, 1946.

UTILITY BROADCASTER

No claim is made to the word "Broadcaster" apart from the mark shown.
FOR APPARATUS FOR DISTRIBUTING SEED, BAIT AND FERTILIZERS.
Claims use since Apr. 15, 1946.

Ser. No. 520,189. LOUIS SEAMAN, doing business as "California Reverse Stitch Co.," Los Angeles, Calif. Filed Apr. 4, 1947.

CAL-REV

FOR REVERSE STITCHER FOR ATTACHING TO SEWING MACHINES FOR THE PURPOSE OF CHANGING THE STITCHING MECHANISM.
Claims use since Feb. 28, 1947.

Ser. No. 525,173. AMERICAN BEAUTY FLORIST, INC., New York, N. Y. Filed June 30, 1947.

Tony Silas

The mark is a facsimile signature of the president of the applicant corporation.
FOR DESK TYPE STAPLING MACHINES USED, IN THE MAIN, BY FLORISTS.
Claims use since May 2, 1947.

Ser. No. 525,178. AUTOMATIC WIRE GOODS MFG. CO. INC., New York, N. Y. Filed June 30, 1947.

"MIDGET"

FOR MIXER STRAINERS WHICH ARE HOUSEHOLD KITCHEN TOOLS FOR SIFTING FLOUR AND STRAINING VEGETABLE PULP AND FOR STRAINING LIQUIDS GENERALLY; EACH OF SAID MIXER STRAINERS COMPRISING A WIRE MESH BOWL WITH LATERALLY EXTENDING HANDLE TO HOLD THE SAME IN HAND OVER A POT, AND ALSO HAVING A SHEET METAL VANE ROTATABLY POSITIONED IN THE BOWL AND MANUALLY TURNED BY A HANDLE.
Claims use since May 28, 1947.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 507,127. THE HOUSE OF VISION-BELGARD-SPERO INC., also doing business as House of Vision, and Belgard-Spero, Inc., Chicago, Ill. Filed Aug. 9, 1946.

SNVISALENS

No claim is made to that portion of the mark consisting of the syllable "Lens" apart from the mark as shown.
FOR CONTACT LENSES.
Claims use since Oct. 1, 1944.

Ser. No. 518,463. THE KALART COMPANY INC., Stamford, Conn. Filed Mar. 4, 1947.

KALABRAK

FOR BRACKETS FOR SYNCHRONIZERS, RANGE FINDERS AND BATTERY CASES AS USED FOR PHOTOGRAPHIC PURPOSES.
Claims use since Feb. 25, 1947.

Ser. No. 525,423. SUN OIL COMPANY, Philadelphia, Pa. Filed July 1, 1947.

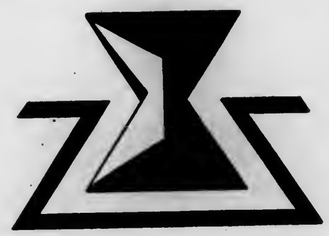
SUNOCO

FOR STORAGE BATTERY HYDROMETERS; AUTOMOBILE THERMOSTATS; PNEUMATIC TIRE GAUGES; SUN GLASSES AND SPARK PLUG TESTING MACHINES.
Claims use since Mar. 28, 1947.

CLASS 27

HOROLOGICAL INSTRUMENTS

Ser. No. 515,172. E. GUBELIN, INC., New York, N. Y., assignor to Gubelin International Corporation, New York, N. Y., a corporation of New York. Filed Jan. 2, 1947.



FOR WATCHES, WATCH CASES AND WATCH MOVEMENTS, CLOCKS, CLOCK CASES AND CLOCK MOVEMENTS.
Claims use since 1927.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Ser. No. 500,295. ETABLISSEMENTS ZUCCOLO, ROCHET, MAILLET & CIE, ROCHET & MAILLET, Annecy, France. Filed Apr. 16, 1946.

ELASTICO

FOR LINKS FOR METAL BRACELETS FOR WRIST WATCHES AND OTHER JEWELRY.
Claims use since 1937.

Ser. No. 503,627. CAMPBELL ROBINSON BATCHELLER, doing business as Robinwood, New York, N. Y. Filed June 11, 1946.

ROBINWOOD

FOR EARRINGS, CUFF-LINKS, BRACELETS, NECKLACES AND ORNAMENTAL PINS.
Claims use since Sept. 9, 1941.

Ser. No. 505,935. WYOMING VALLEY MANUFACTURING CO., West Pittston Borough, Pa. Filed July 19, 1946.

Mar-Lene

FOR VANITIES AND CIGARETTE CASES MADE OF PRECIOUS METAL.
Claims use since May 1, 1946.

Ser. No. 523,967. HOME DECORATORS, INC., Newark, N. Y. Filed June 11, 1947.

STATELY

FOR STERLING SILVER FLAT TABLEWARE.
Claims use since May 5, 1947.

Ser. No. 524,003. ONEIDA LTD., Sherrill and Oneida, N. Y. Filed June 11, 1947.

PACIFIC

FOR SILVERPLATED FLAT TABLEWARE.
Claims use since 1921.

Ser. No. 524,004. ONEIDA LTD., Sherrill and Oneida, N. Y. Filed June 11, 1947.

Paramount

FOR SILVERPLATED FLAT TABLEWARE.
Claims use since 1933.

Ser. No. 524,005. ONEIDA LTD., Sherrill and Oneida, N. Y. Filed June 11, 1947.

PARK LANE

FOR SILVERPLATED FLAT TABLEWARE.
Claims use since 1936.

Ser. No. 524,006. ONEIDA LTD., Sherrill and Oneida, N. Y. Filed June 11, 1947.

PENDANT

FOR SILVERPLATED FLAT TABLEWARE.
Claims use since 1941.

Ser. No. 524,008. ONEIDA LTD., Sherrill and Oneida, N. Y. Filed June 11, 1947.

SENECA

FOR SILVERPLATED FLAT TABLEWARE.
Claims use since 1928.

Ser. No. 524,011. ONEIDA LTD., Sherrill and Oneida, N. Y. Filed June 11, 1947.

THOR

FOR SILVERPLATED FLAT TABLEWARE.
Claims use since 1933.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Ser. No. 518,025. MODGLIN COMPANY, INC., Los Angeles, Calif. Filed Feb. 24, 1947.



FOR HAIR BRUSHES, NAIL BRUSHES, AND TOOTH-BRUSHES.
Claims use since Jan. 10, 1947.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 519,955. THE HOME-O-NIZE CO., Muscatine, Iowa. Filed Apr. 1, 1947.

Home-O-Nize
HOME CONVENIENCES

Applicant disclaims any exclusive rights in the words "Home Conveniences" and "Home" apart from the mark.
FOR METAL FURNITURE—NAMELY, CARD FILING CASES AND KITCHEN UTILITY CABINETS.
Claims use since Feb. 8, 1947.

Ser. No. 522,670. SLUMBER BEDDING & MATTRESS CO., INC., doing business as Slumber Bedding Co. Inc., New York, N. Y. Filed May 19, 1947.

Bedmaster



The drawing is lined to represent the colors orange and red.
FOR BOX SPRINGS, MATTRESSES, FOLDING COTS AND STUDIO COUCHES.
Claims use since Apr. 8, 1943.

Ser. No. 523,882. ALLIED VENETIAN BLIND CORPORATION, Tallapoosa, Ga. Filed June 10, 1947.

ALLIED Venetian BLIND CORP.

No claim is made to the exclusive use of the words "Venetian Blind," and "Corp.," apart from the mark as shown.
FOR VENETIAN BLINDS.
Claims use since Jan. 1, 1947.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 479,869. DUCON COMPANY, Brooklyn, N. Y. Filed Feb. 16, 1945.

DUST CONTROL SYSTEMS AND EQUIPMENT
THE DUCON CO.
NEW YORK

Applicant disclaims the words "Dust Control Systems and Equipment," also the words "The Co.," and the words "New York," apart from the mark.
FOR AIR WASHING, CENTRIFUGAL DUST COLLECTING AND AIR FILTERING APPARATUS.
Claims use since Aug. 1, 1940.

Ser. No. 513,537. ORAZIO SALVO, doing business as Rainbow Lamp Shade Company, New York, N. Y. Filed Nov. 30, 1946.

RAINBOW

The stippling indicates shading only.
FOR LAMP SHADES.
Claims use since Nov. 1, 1936.

Ser. No. 518,237. MAGIKITCH'N EQUIPMENT CORPORATION, Quakertown, Pa. Filed Feb. 27, 1947.

MAGIKITCH'N

Applicant disclaims exclusive rights in the word "Kitch'n" apart from the mark.
FOR GAS-HEATED TOASTERS, BROILERS, GRILLS, STOVES, WAFFLE IRONS, AND OVENS.
Claims use since September 1936.

Ser. No. 519,864. HARVEY E. CULLEY, doing business as Heatcraft Company, Louisville, Ky. Filed Mar. 31, 1947.

HEATCRAFT

The representation of a flame burner is disclaimed.
FOR INDUSTRIAL AND DOMESTIC GAS, COAL AND OIL-FIRED HEATING EQUIPMENT—NAMELY, STOKERS, OIL BURNERS, GAS BURNERS, AND COAL, OIL AND GAS FURNACES AND BLOWERS.
Claims use since Jan. 1, 1947.

Ser. No. 520,633. KRES-KNO OIL BURNER MANUFACTURING COMPANY, INC., Palisades Park, N. J. Filed Apr. 14, 1947.

POW-R-MATIC

FOR OIL BURNERS FOR DOMESTIC AND INDUSTRIAL USE.
Claims use since Apr. 12, 1939.

Ser. No. 522,198. SELAS CORPORATION OF AMERICA, Philadelphia, Pa. Filed May 10, 1947.

GRADIATION

FOR GAS DISTRIBUTION APPARATUS; FLUID FUEL BURNERS FOR INDUSTRIAL USES AND PARTS THEREFOR; INDUSTRIAL HEATING EQUIPMENT ELEMENTS USING GASEOUS FUEL—NAMELY, FURNACES, KILNS, OVENS, DRYERS, LEHRS, AND HEAT TREATING MACHINES FOR USE IN HEATING METAL BODIES, FOR HARDENING AND ANNEALING PURPOSES AND PREPARATORY TO FORGING AND OTHER METAL WORKING OPERATIONS, AND PARTS OF SAID ELEMENTS.
Claims use since Apr. 3, 1947.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 509,415. THE B. F. GOODRICH COMPANY, Akron, Ohio, and New York, N. Y. Filed Sept. 20, 1946.

Koroseal

FOR MACHINE BELTING AND CONVEYOR BELTING, HOSE, TUBING, EXTRUDED SEALING STRIPS, SHEET PACKING, MOLDED GASKETS, AND RESILIENT ARTIFICIAL SPONGE SEALING STRIPS, ALL MADE FROM OR CONTAINING PLASTIC RESILIENT SYNTHETIC MATERIAL.
Claims use since 1934 on the mark "Koroseal," and since 1939 on the mark as shown.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Ser. No. 519,528. WM. KRATT CO., Union, N. J. Filed Mar. 25, 1947.

Arist ○ Kratt

Applicant disclaims the surname "Kratt" apart from the mark.
FOR HARMONICAS.
Claims use since Feb. 24, 1947.

Ser. No. 522,400. CECILLE MUSIC COMPANY, INC., New York, N. Y. Filed May 15, 1947.

Republic

FOR MECHANICALLY GROOVED PHONOGRAPH RECORDS.
Claims use since Apr. 3, 1947.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 521,249. FACTUAL SURVEYS, New York, N. Y. Filed Apr. 24, 1947.

VOTE·METER

The word "Vote" is disclaimed.
FOR ARTICLES CONTRIBUTED TO NEWSPAPERS AND MAGAZINES IN THE FORM OF EDITORIAL COLUMNS, GRAPHS AND CHARTS.
Claims use since Jan. 5, 1947.

CLASS 39

CLOTHING

Ser. No. 468,109. BROWN DURRELL CO., Boston, Mass., and New York, N. Y. Filed Mar. 9, 1944. Under section 5b of the act of 1905 as amended in 1920.

Gordon

Applicant is the owner of the trade-mark "Gordon Gloves" shown in Registration No. 58,915, dated Dec. 25, 1906, renewed, effected under the ten-year proviso.
FOR POLO SHIRTS AND SLIPS.
Claims use since 1938 on slips; and since February 1944 on polo shirts.

Ser. No. 502,948. PERCY COHEN, INC., New York, N. Y. Filed May 29, 1946.

La Quinta

FOR MEN'S AND BOYS' POLO SHIRTS.
Claims use since May 10, 1946.

Ser. No. 504,341. DAVIS & CATTERALL, New York, N. Y., and Passaic, N. J. Filed June 21, 1946.

Whimsy

FOR LADIES' SCARVES AND HANDKERCHIEFS.
Claims use since June 13, 1946.

Ser. No. 515,224. GEORGE-WALLY, New York, N. Y. Filed Jan. 3, 1947.

George Wally

FOR HABERDASHERY—NAMELY, HATS, OUTER AND UNDERSHIRTS, UNDERWEAR, PAJAMAS, SWEATERS, LOUNGING JACKETS, LOUNGING ROBES, NECKTIES, SOCKS, SUSPENDERS, GARTERS, AND APPAREL BELTS, ALL FOR MEN.
Claims use since Mar. 1, 1932.

Ser. No. 516,739. H. C. STAUFFER, doing business as West Point Hosiery Company, West Point, Pa. Filed Jan. 31, 1947.

LE PARC

FOR WOMEN'S HOSIERY.
Claims use since March 1941.

Ser. No. 522,715. THE BERGER BROTHERS COMPANY, New Haven, Conn. Filed May 20, 1947.

Trixiann

FOR CORSETS, GIRDLES, AND BRASSIÈRES.
Claims use since Apr. 2, 1947.

Ser. No. 522,716. THE BERGER BROTHERS COMPANY, New Haven, Conn. Filed May 20, 1947.

Trixilee

FOR CORSETS, GIRDLES, AND BRASSIÈRES.
Claims use since Apr. 2, 1947.

Ser. No. 525,489. KABO CORSET COMPANY, Chicago, Ill. Filed July 1, 1947.

Kabo

FOR CORSETS, GIRDLES, FOUNDATIONS, BRASSIÈRES, CORSELETS, BANDEAUX, COMBINATIONS, COMPOSED OF GIRDLES AND PANTIES AND GIRDLES AND BRASSIÈRES.
Claims use since Jan. 1, 1942.

Ser. No. 525,600. H. A. JAMES, New York, N. Y. Filed July 2, 1947.

TEXITE

FOR MEN'S AND BOYS' KNIT POLO SHIRTS, KNIT PAJAMAS, KNIT T-SHIRTS, KNIT ATHLETIC SHIRTS, AND KNIT "JOCKEY" SHORTS.
Claims use since Jan. 13, 1947.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 507,283. VIRGINIA S. GRAHAM, doing business as Wave Kiss Manufacturing Company, Beverly Hills, Calif. Filed Aug. 12, 1946.

WAVE-KISS

The word "Wave" is disclaimed apart from the mark.
FOR NON-ELECTRIC HAIR WAVERS.
Claims use since May 14, 1946.

CLASS 41

CANES, PARASOLS, AND UMBRELLAS

Ser. No. 515,404. VELMA BIRDSONG, North Sacramento, Calif. Filed Jan. 8, 1947.



The representation of the umbrella is hereby disclaimed apart from the mark shown.

FOR UMBRELLA COVERINGS IN FINISHED FORM.

Claims use since Mar. 7, 1946.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 463,760. PEPPERELL MANUFACTURING COMPANY, Boston, Mass. Filed Sept. 29, 1943.

Abbotsford

FOR BLANKETS WOVEN FROM COTTON, WOOL, RAYON OR OTHER FIBRES, OR A COMBINATION OF COTTON, WOOL, RAYON OR OTHER FIBRES; AND SHEETS.

Claims use since Mar. 14, 1932, on blankets; and since Feb. 21, 1943, on sheets.

Ser. No. 501,208. ROSS & ROBERTS, INC., West Haven, Conn. Filed Apr. 30, 1946.

AMERIFILM

FOR TRANSPARENT OR TRANSLUCENT VINYL PLASTIC FILM SOLD IN SHEET FORM FOR MAKING UP APRONS, SHOWER CURTAINS, BABY PANTS, TABLE COVERS, AND VARIOUS OTHER ITEMS.

Claims use since Apr. 26, 1946.

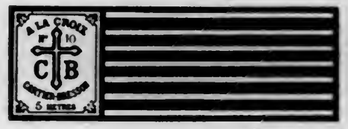
Ser. No. 502,096. ANGLO FABRICS COMPANY, INC., New York, N. Y. Filed May 15, 1946.

FASHONA

FOR WOOLEN AND WORSTED SUITINGS AND OVERCOATINGS IN THE PIECE.

Claims use since Feb. 4, 1946.

Ser. No. 509,740. J. THIRIEZ PERE & FILS & CARTIER-BRESSON, SOCIETE A RESPONSABILITE LIMITEE, Lille, France. Filed Sept. 25, 1946.



The words "Cartier-Bresson," "No. 10," and "5 Metres" are disclaimed.

FOR PIECE GOODS IN THE FORM OF COTTON LACE.

Claims use since 1882.

Ser. No. 512,937. EDWIN Y. STROUD, New York, N. Y. Filed Nov. 20, 1946.



The exclusive use of the phrase "Made in Ireland" and the word "Tweed" are disclaimed.

FOR OVERCOATINGS AND OTHER PIECE GOODS MADE OF WOOL AND SOLD BY THE PIECE, YARD, OR BOLT.

Claims use since January 1946.

Ser. No. 519,290. PACIFIC MILLS, Boston, Mass., and New York, N. Y. Filed Mar. 19, 1947.

"CRAFTPOINT"

FOR WOOLEN FABRICS IN THE PIECE.

Claims use since Mar. 10, 1947.

Ser. No. 519,291. PACIFIC MILLS, Boston, Mass, and New York, N. Y. Filed Mar. 10, 1947.

"DELAPOINT"

FOR WOOLEN FABRICS IN THE PIECE.

Claims use since Mar. 10, 1947.

Ser. No. 522,543. HERBERT J. HERIBERT, New York, N. Y. Filed May 16, 1947.

HERIBOL

FOR PLASTIC FILM SOLD BY THE ROLL OR BY THE YARD FOR USE IN MAKING RAINCOATS, TABLE CLOTHS, DRAPERIES, AND THE LIKE.

Claims use since Jan. 12, 1945.

CLASS 43

THREAD AND YARN

Ser. No. 504,056. MANOR MANUFACTURING CO. LIMITED, Yeadon, Leeds, England. Filed June 17, 1946.

RONAM

FOR KNITTING WOOLS.

Claims use since Dec. 6, 1943.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 517,175. AMERICAN OPTICAL COMPANY, Southbridge, Mass. Filed Feb. 8, 1947.

CEPLEX

FOR ARTIFICIAL EYES.

Claims use since Oct. 14, 1946.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 489,415. BERTHA M. PROE, doing business as Hobo King Tavern, Northfield, Ohio. Filed Oct. 4, 1945.

Hobo King

Applicant is the owner of registration No. 389,616.

FOR DINNER CONSISTING OF SPECIALLY PREPARED CHICKEN, FRENCH FRIED POTATOES, TOMATO WEDGES, OLIVES, AND BUTTERED BREAD STICKS, PACKAGED AND SOLD TO THE TRADE AS SUCH.

Claims use since June 1939.

Ser. No. 498,455. RAHR MALTING CO., Manitowoc, Wis. Filed Mar. 18, 1946.



The lining is for shading only.

FOR MALT IN BULK AND IN 100-POUND BAGS.

Claims use since Jan. 4, 1946.

Ser. No. 498,583. ANTOINE CHIRIS COMPANY, INC., New York N. Y. Filed Mar. 20, 1946.



FOR OLIVE OIL, VANILLA BEANS, TONKA BEANS, AND FLAVORING EXTRACTS FOR FOOD FLAVORING PURPOSES.

Claims use since Mar. 1, 1911.

Ser. No. 498,685. HARRY CHANG, doing business as Lantern Food Products Co., San Francisco, Calif. Filed Mar. 21, 1946.

珍 MEE JING 味

Assuming the word "Mee" and the Chinese character at the right to be interpreted as or translated to mean "Taste" when used alone, said word and Chinese character are disclaimed apart.

FOR PREPARED FOOD SEASONINGS CONTAINING WHEAT PROTEIN, TAPIOCA, OKRA, SPICES, SALT, AND LACTOSE.

Claims use since Nov. 27, 1945.

Ser. No. 514,024. G. M. C. FOODS CO., New York, N. Y. Filed Dec. 11, 1946.

GMC

FOR CANNED FRUITS—NAMELY, PEACHES, APRICOTS, GRAPEFRUIT SECTIONS AND FRUIT COCKTAIL; CANNED VEGETABLES—NAMELY, PEAS, STRING BEANS, CORN, POTATOES AND MIXED VEGETABLES; CANNED FRUIT JUICES—NAMELY, GRAPEFRUIT JUICE, ORANGE JUICE AND BLENDED ORANGE AND GRAPEFRUIT JUICE; CANNED APPLE SAUCE; CANNED TOMATO JUICE.

Claims use since Apr. 25, 1946.

Ser. No. 516,034. PASTENE & CO., INC., New York, N. Y. Filed Jan. 20, 1947.

Ovis

FOR CHEESE.

Claims use since during the month of March 1925.

Ser. No. 521,652. EVANS MILLING COMPANY, Indianapolis, Ind. Filed May 1, 1947.



FOR CORNMEAL.

Claims use since 1903.

Ser. No. 524,332. JOHN MORRELL & CO., Ottumwa, Iowa. Filed June 17, 1947.

E-Z-SERVE

FOR CHEESE AND CANNED DEVILED HAM.

Claims use since Aug. 3, 1946.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 519,426. WEINMAN BROTHERS, INC., Chicago, Ill. Filed Mar. 21, 1947.

PLASTI-FORM

The word "Form" is disclaimed apart from the mark shown.

FOR A MOLDED SHEET-PLASTIC SHELL IN FACSIMILE OF A PORTION OF A THREE-DIMENSIONAL ARTICLE OR ITS CONTAINER, SAID SHELL INTENDED TO BE AFFIXED TO A BASE OR BACKGROUND SO AS TO ILLUSTRATE THE REPRESENTED ARTICLE OR ITS CONTAINER IN SCULPTURED RELIEF THEREON FOR ADVERTISING AND DISPLAY PURPOSES.

Claims use since Jan. 5, 1947.

ACT OF 1946

The following trade-marks are published in compliance with section 12(a) of the Trade-Mark Act of 1946. Notice of opposition under section 13 may be filed within thirty days of this publication. See Rules 20.1 to 20.5. As provided by section 31 of said act, a fee of twenty-five dollars must accompany each notice of opposition.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 529,375. NATHAN HAFT, doing business as Malibu Bags, Los Angeles, Calif. Filed July 24, 1947.

TROT-ABOUT GAL



FOR LADIES' UTILITY BAGS.

Claims use since June 18, 1947.

Ser. No. 534,239. BUXTON, INCORPORATED, Springfield, Mass. Filed Sept. 12, 1947.

KEYoTAINER

Applicant claims ownership of registrations Nos. 153,132 and 202,838.

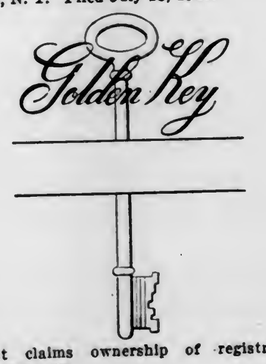
FOR KEY CASES.

Claims use since 1925.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 528,624. THE GREAT AMERICAN TEA COMPANY, New York, N. Y. Filed July 15, 1947.



Applicant claims ownership of registrations Nos. 220,795 and 244,325.

FOR SOAP FLAKES.

Claims use since June 14, 1924.

CLASS 5

ADHESIVES

Ser. No. 534,026. CHAS. A. KRAUSE MILLING CO., Milwaukee, Wis. Filed Sept. 10, 1947.

KEMTAC

FOR DRY CORN FLOUR PASTE.

Claims use since June 1926.

Ser. No. 534,347. ROCKWELL MANUFACTURING COMPANY, Pittsburgh, Pa. Filed Sept. 12, 1947.



Applicant claims ownership of registrations Nos. 428,477, 428,478, and 428,699.

FOR STICK GLUE FOR SECURING ABRASIVE DISCS TO BACK UP DISCS AND LIQUID CEMENT FOR SECURING ABRASIVE GRANULES TO IRREGULAR BASE SURFACES FOR MANUFACTURING ABRASIVE FORMS.

Claims use since Dec. 13, 1945.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 510,172. HEYDEN CHEMICAL CORPORATION, New York, N. Y. Filed July 17, 1947.

CRYSTALLOSE

FOR SACCHARIN, THE SODIUM SALT OF SACCHARIN AND SIMILAR CHEMICAL COMPOUNDS FOR SWEETENING, EDULCORATING AND MEDICINAL PURPOSES.

Claims use since Nov. 8, 1894.

Ser. No. 514,685. F. E. BOOTH COMPANY, INC., San Francisco, Calif. Filed Oct. 6, 1947.

IMPREGN-AID

FOR VITAMIN A AND D SUPPLEMENT FOR POULTRY AND ANIMAL FEEDS.
Claims use since Nov. 19, 1946.

Ser. No. 515,156. BUCKMAN LABORATORIES, INC., Memphis, Tenn. Filed Aug. 20, 1947.

BSM-11

FOR GENERAL PRESERVATIVES, DISINFECTANTS AND CONTROLLERS OF BACTERIA, MOLD AND SLIMES IN GENERAL AND IN PARTICULAR FOR THE PULP, PAPER AND TANNING INDUSTRIES.
Claims use since Nov. 1, 1945.

Ser. No. 516,932. MEAD JOHNSON & COMPANY, Evansville, Ind. Filed July 5, 1947.

Casec

Applicant claims ownership of registration No. 149,683.
FOR CALCIUM CASEINATE PREPARATION USED TO CORRECT DIARRHEA AND COLIC IN INFANTS AND TO RAISE THE PROTEIN CONTENT OF FOOD MIXTURES.
Claims use since June 1, 1920.

Ser. No. 519,949. THE HARROWER LABORATORY, INC., Glendale, Calif. Filed Oct. 1, 1947.

MUCOTIN

FOR ANTACID ADSORBENT USED FOR TEMPORARY RELIEF OF GASTRIC HYPERACIDITY.
Claims use since Mar. 3, 1947.

Ser. No. 523,152. WRIGHT & LAWRENCE LABORATORIES, INC., Chicago, Ill. Filed Oct. 1, 1947.

HYANILID

FOR OINTMENT FOR THE TREATMENT OF RINGWORM.
Claims use since Oct. 3, 1946.

Ser. No. 526,988. H. M. SINCLAIR, JR., trustee for the partnership, The Sinclair Manufacturing Company, Toledo, Ohio. Filed July 5, 1947.

BIG 4 FOUR

FOR LYE.
Claims use since Jan. 1, 1932.

Ser. No. 529,335. AMERICAN CYANAMID COMPANY, New York, N. Y. Filed July 24, 1947.

MET-FOL-B

Applicant disclaims the letter "B" apart from the mark.
FOR FOLIC ACID DERIVATIVE.
Claims use since July 15, 1947.

Ser. No. 529,336. AMERICAN CYANAMID COMPANY, New York, N. Y. Filed July 24, 1947.

AN-FOL-A

Applicant disclaims the letter "A" apart from the mark.
FOR FOLIC ACID DERIVATIVE.
Claims use since July 15, 1947.

Ser. No. 530,200. HEATBATH CORPORATION, Indian Orchard, Mass. Filed Aug. 1, 1947.

DURA-BLACK

No registration rights are claimed for the word "Black" apart from the mark as a whole.
FOR CHEMICALS USED FOR BLACKENING COPPER AND COPPER BASED ALLOYS.
Claims use since June 6, 1947.

Ser. No. 530,337. ROUX LABORATORIES, INC., New York, N. Y. Filed Aug. 2, 1947.

ROUMINE

Applicant claims ownership of registration No. 413,541.
FOR ANILINE DYESTUFFS, CERTIFIED COLORINGS, SOLVENTS, WETTING AGENTS, ACIDS, ALKALIES, GUMS, WAXES, SIZING MATERIALS, OILS, METALLIC SALTS, ORGANIC PIGMENTS AND ESSENTIAL OILS, FOR USE IN THE MANUFACTURE OF HAIR COLORINGS, COSMETICS, AND TOILET PREPARATION.
Claims use since July 3, 1941.

Ser. No. 530,338. ROUX DISTRIBUTING CO., INC., New York, N. Y. Filed Aug. 2, 1947.

Roulac

Applicant claims ownership of registration No. 378,492.
FOR NAIL ENAMEL, NAIL ENAMEL THINNER, CREAM NAIL ENAMEL REMOVER, HAND LOTION, LUBRICATING CREAM, WHITENING CREAM, BLEACHING CREAM, LIQUID HAND CREAM, CREAM NAIL ENAMEL, CUTICLE REMOVER, CUTICLE SOFTENER, AND MANICURE OIL.
Claims use since Apr. 5, 1939.

Ser. No. 531,940. PARK & TILFORD, New York, N. Y. Filed Aug. 20, 1947.

HIGH HEELS

FOR LIPSTICKS, FACE POWDER, ROUGES, PERFUMES, TOILET WATER, FACE CREAMS AND HAND LOTIONS.
Claims use since July 10, 1947.

Ser. No. 533,566. E. F. HOUGHTON & Co., Philadelphia, Pa. Filed Sept. 5, 1947.

HOUGHTO-WAX

No claim is made to the word "Wax" apart from the mark.
FOR TEXTILE SIZING AGENTS.
Claims use since Jan. 23, 1945.

Ser. No. 533,571. E. F. HOUGHTON & Co., Philadelphia, Pa. Filed Sept. 5, 1947.

BINDTEX

FOR TEXTILE SIZING AND FINISHING AGENT.
Claims use since May 20, 1946.

Ser. No. 533,573. E. F. HOUGHTON & Co., Philadelphia, Pa. Filed Sept. 5, 1947.

RANIL

FOR WATER REPELLENT TEXTILE FINISHINGS.
Claims use since Dec. 5, 1945.

Ser. No. 536,552. SHARP & DOHME, INCORPORATED, Philadelphia, Pa. Filed Oct. 2, 1947.

IDINESS

FOR PREPARATION USEFUL TO INFLUENCE THE BASAL METABOLIC RATE AND IN THE TREATMENT OF CASES OF DEFECTIVE THYROID FUNCTIONING.
Claims use since Sept. 15, 1947.

Ser. No. 537,073. ODORA COMPANY, INC., New York, N. Y. Filed Oct. 7, 1947.

MOTHOLATOR

Applicant claims ownership of registration No. 281,832.
FOR PREPARATION FOR REPELLING AND EXTERMINATING MOTHS.
Claims use since Sept. 20, 1930.

Ser. No. 537,835. SHARP & DOHME, INCORPORATED, Philadelphia, Pa. Filed Oct. 14, 1947.

DEBESE

FOR PREPARATION USEFUL IN THE TREATMENT AND PREVENTION OF METABOLIC DEFICIENCIES, PARTICULARLY A PREPARATION USEFUL IN THE TREATMENT OF OBESITY.
Claims use since Oct. 6, 1947.

Ser. No. 538,623. ELMO SALES CORPORATION, Philadelphia, Pa. Filed Oct. 22, 1947.

NUCEL

FOR FACIAL CREAMS.
Claims use since Oct. 8, 1947.

Ser. No. 538,660. PHYSICIANS' DRUG & SUPPLY CO., Philadelphia, Pa. Filed Oct. 22, 1947.

FERROVITE

FOR TABLETS FOR USE AS A HEMATINIC.
Claims use since Dec. 9, 1940.

Ser. No. 538,701. B. ALTMAN & CO., New York, N. Y. Filed Oct. 23, 1947.

MEADOWBROOK

FOR EAU DE COLOGNE, TOILET POWDER, TOILET CREAM AND SHAMPOO.
Claims use since Oct. 3, 1947.

Ser. No. 539,193. MONSANTO CHEMICAL COMPANY, St. Louis, Mo. Filed Oct. 27, 1947.

SANTOQUIN

FOR CHEMICAL TOXICANTS FOR USE AS FUNGICIDES, PRESERVATIVES, AND INSECTICIDES.
Claims use since Sept. 30, 1947.

Ser. No. 539,194. MONSANTO CHEMICAL COMPANY, St. Louis, Mo. Filed Oct. 27, 1947.

HONOCIDE

FOR HERBICIDES.
Claims use since Oct. 15, 1947.

Ser. No. 540,756. JEAN U. KORÉE, New York, N. Y. Filed Dec. 10, 1947.

NEOCILLIN

FOR MEDICINAL PREPARATION CONTAINING PENICILLIN.
Claims use since Nov. 7, 1947.

Ser. No. 541,209. SMITH, KLINE & FRENCH LABORATORIES, Philadelphia, Pa. Filed Nov. 14, 1947.

ESKACILLIN

FOR ANTIBIOTIC.
Claims use since Oct. 24, 1947.

CLASS 7

CORDAGE

Ser. No. 529,977. GENERAL PRINTED STRING COMPANY, Milwaukee, Wis. Filed July 30, 1947.

TY-TONE

No claim is made to the word "Ty" apart from the mark as shown.
FOR COTTON TAPE FOR PACKAGE TYING.
Claims use since in the summer of 1936.

Ser. No. 534,049. PLYMOUTH CORDAGE COMPANY, Plymouth and North Plymouth, Mass. Filed Sept. 10, 1947.

SLEVELAY

FOR ROPE COMPOSED MAINLY OF SPUN YARNS BUT HAVING AN ANNULAR INTERMEDIATE COURSE OF UNSPUN FIBRE.
Claims use since November 1937.

CLASS 9

EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES

Ser. No. 535,046. JOSTAM MANUFACTURING CO., Peotone, Ill. Filed Sept. 19, 1947.

ANTI-FLINCH

FOR SHOTGUN AND RIFLE RECOIL PADS.
Claims use since Mar. 13, 1915.

CLASS 11

INKS AND INKING MATERIALS

Ser. No. 530,082. INTERCHEMICAL CORPORATION, New York, N. Y. Filed July 31, 1947.

SENATE

FOR TYPEWRITER RIBBON AND CARBON PAPER.
Claims use since June 25, 1947.

Ser. No. 530,084. INTERCHEMICAL CORPORATION, New York, N. Y. Filed July 31, 1947.

CAPITOL

FOR TYPEWRITER RIBBON AND CARBON PAPER.
Claims use since June 25, 1947.

Ser. No. 532,915. DAVIDSON MANUFACTURING CORPORATION, Chicago, Ill. Filed Aug. 30, 1947.

Davidson

FOR DRAWING INK; OPAQUE, A GRAPHIC MATERIAL IN THE NATURE OF AN INK FOR BLOCKING OUT UNDESIRED PORTIONS OF A PHOTOGRAPHIC NEGATIVE; AND DEVELOPING INK THAT IS APPLIED TO AN EXPOSED PHOTOGRAPHIC PLATE TO MAKE THE IMAGE VISIBLE TO THE EYE AND TO CREATE A GREASY BASE ON THE IMAGE PORTION OF THE PLATE TO WHICH THE LITHOGRAPHIC INK WILL ADHERE.
Claims use since Nov. 20, 1940.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 527,799. TALON, INC., Meadville, Pa. Filed July 5, 1947.

TALON

Applicant claims ownership of registrations Nos. 243,746, 250,113, 270,090, 270,773, 271,179, 271,679, 273, 995, 319,009, and 415,418.
FOR CHAINS OF ALL DESCRIPTIONS USED IN CONNECTION WITH SLIDE FASTENERS.
Claims use since Oct. 28, 1933.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 529,072. MARSH STEEL CORPORATION, North Kansas City, Mo. Filed July 21, 1947.



The words "Steel Corporation" and the map of the United States are disclaimed. The shading in the drawing is lined to represent the colors red and blue.
FOR STEEL, IRON AND ALLOY METAL IN THE FORM OF STRIPS, BARS, SHEETS AND SHAPES.
Claims use since Apr. 1, 1946.

Ser. No. 530,073. FARRELL-CHEEK STEEL COMPANY, Sandusky, Ohio. Filed July 31, 1947.



FOR STEEL CASTINGS.
Claims use since Jan. 1, 1920.

CLASS 15

OILS AND GREASES

Ser. No. 528,463. THE GREAT AMERICAN TEA COMPANY, New York, N. Y. Filed July 12, 1947.

Golden Key

Applicant claims ownership of registration No. 235,757.
FOR MACHINE LUBRICATING OIL.
Claims use since January 1925.

CLASS 17

TOBACCO PRODUCTS

Ser. No. 536,686. AUGUSTUS J. GOLDEN, Baltimore, Md. Filed Oct. 3, 1947.

NEWCOMER

FOR CIGARS.
Claims use since 1904.

CLASS 19

VEHICLES

Ser. No. 497,943. LIGHTHOUSE TRAILER INC., Chicago, Ill. Filed July 5, 1947.

LIGHTHOUSE TRAILERS

No claim is made to the word "Trailers."
FOR HOUSE TRAILERS.
Claims use since January 1939.

Ser. No. 507,262. LAHER SPRING AND TIRE CORPORATION, Oakland, Calif. Filed Nov. 4, 1947.

Laher

FOR AUTOMOTIVE EQUIPMENT AND ACCESSORIES—NAMELY, LEAF SPRINGS AND BUMPERS.
Claims use since June 1, 1923.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 499,186. AJAX ELECTRIC COMPANY, INC., Philadelphia, Pa. Filed Aug. 26, 1947.



The portrait is the left semi-profile head and bust of Ajax the Mythical God of the Forge and Foundry, a be-whiskered, moustached, bushy haired man with Grecian nose, lifted face and defiant eyes—dressed in skin hat, and apron. The word "Ajax" is lettered where the right arm would meet the bust and a flash of lightning passes from upper left to lower right behind the portrait at chin level.
FOR ELECTRIC FURNACES.
Claims use since Mar. 1, 1931.

Ser. No. 517,876. THE TELEOPTIC COMPANY, Racine, Wis. Filed Aug. 28, 1947.

Road King

No claim is made to the word "Road."
FOR ELECTRIC DRIVING LIGHTS FOR AUTOMOBILES.
Claims use since 1937.

Ser. No. 518,631. THE TELEOPTIC COMPANY, Racine, Wis. Filed Aug. 28, 1947.

Stop-King

No claim is made to the word "Stop," except in the association shown.
FOR ELECTRIC STOP LIGHTS FOR ROAD VEHICLES.
Claims use since Feb. 26, 1947.

Ser. No. 529,362. CHICAGO ELECTRIC MANUFACTURING COMPANY, Chicago, Ill. Filed July 24, 1947.

Handybreeze

FOR ELECTRIC FANS.
Claims use since 1931.

Ser. No. 529,363. CHICAGO ELECTRIC MANUFACTURING COMPANY, Chicago, Ill. Filed July 24, 1947.

Handyhot

FOR ELECTRIC COFFEE MAKERS.
Claims use since May 1947.

Ser. No. 531,094. CAROLINA INDUSTRIAL PLASTICS CORP., Mount Airy, N. C. Filed Aug. 12, 1947.

CHEMCLAD

FOR INSULATED WIRE.
Claims use since April 1946.

Ser. No. 531,396. UNITED STATES RUBBER COMPANY, New York, N. Y. Filed Aug. 14, 1947.

AMBASSADOR

FOR STORAGE BATTERIES.
Claims use since May 22, 1947.

Ser. No. 531,397. UNITED STATES RUBBER COMPANY, New York, N. Y. Filed Aug. 14, 1947.

PRESIDENT

FOR STORAGE BATTERIES.
Claims use since May 22, 1947.

Ser. No. 531,398. UNITED STATES RUBBER COMPANY, New York, N. Y. Filed Aug. 14, 1947.

DIPLOMAT

FOR STORAGE BATTERIES.
Claims use since May 22, 1947.

Ser. No. 532,040. THE MAGNAVOX COMPANY, Fort Wayne, Ind. Filed Aug. 21, 1947.

Duette

FOR RADIO RECEIVING SETS AND RADIO PHONOGRAPH COMBINATION SETS, INCLUDING CABINETS THEREFOR.
Claims use since December 1937.

Ser. No. 532,041. THE MAGNAVOX COMPANY, Fort Wayne, Ind. Filed Aug. 21, 1947.

Provincial

FOR RADIO RECEIVING SETS AND RADIO PHONOGRAPH COMBINATION SETS, INCLUDING CABINETS THEREFOR.
Claims use since November 1946.

Ser. No. 532,144. THE MAGNAVOX COMPANY, Fort Wayne, Ind. Filed Aug. 22, 1947.

Regency Symphony

FOR RADIO RECEIVING SETS AND RADIO PHONOGRAPH COMBINATION SETS, INCLUDING CABINETS THEREFOR.
Claims use since April 1941.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 510,515. HENRY HOTZE & SONS COMPANY, St. Louis, Mo. Filed Aug. 20, 1947.

HOT Z

Applicant claims ownership of registration No. 194,458.
FOR GOLF BAGS AND BOWLING BAGS.
Claims use since 1923.

Ser. No. 513,481. UNITED STATES RUBBER COMPANY, New York, N. Y. Filed Aug. 20, 1947.

T-56

FOR RUBBER TAPES OR THREAD FOR POWERING MODEL AIRCRAFT.
Claims use since Oct. 29, 1946.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 527,568. AUTOGRAPHIC REGISTER COMPANY, Hoboken, N. J. Filed July 5, 1947.

AUTOGRAPHIC

Applicant claims ownership of registration No. 289,443.
FOR TYPEWRITER-PAPER SUPPORTS IN THE FORM OF CONTAINERS OR BOXES CARRYING PAPER IN ROLLED OR FOLDED FORM TO BE LED OVER THE TABLE OF THE TYPEWRITER AND ATTACHMENTS IN THE FORM OF ALIGNING DEVICES AND PAPER LIFTING DEVICES MOUNTED ON THE TYPEWRITER.
Claims use since Oct. 1, 1926.

Ser. No. 528,332. BEEBE BROS. INC., Seattle, Wash. Filed July 11, 1947.

Little Cut-Up

Applicant claims ownership of registration No. 279,453.
FOR JIG SAWS.
Claims use since Aug. 1, 1930.

Ser. No. 528,467. THE GREAT AMERICAN TEA COMPANY, New York, N. Y. Filed July 12, 1947.



No claim is made to the word "Blades." Applicant claims ownership of registration No. 311,703.
FOR RAZOR BLADES.
Claims use since Sept. 25, 1933.

Ser. No. 539,589. ADAMS PLASTICS CO., INC., Holyoke, Mass. Filed Dec. 4, 1947.



No claim is made to the representation of the goods.
FOR HANDLES FOR CUTLERY, KITCHEN UTENSILS AND HOUSEWARES.
Claims use since Feb. 1, 1945.

Ser. No. 540,008. PLOMB TOOL COMPANY, Los Angeles, Calif. Filed Feb. 2, 1948.

PROTO

FOR WRENCHES—NAMELY, PLIERS, AND WRENCHES AND SOCKETS.
Claims use since Jan. 23, 1948.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 528,010. MINNEAPOLIS-HONEYWELL REGULATOR COMPANY, Minneapolis, Minn. Filed July 5, 1947.

FURNACESTAT

Applicant claims ownership of registration No. 178,429.
FOR TEMPERATURE CONTROLLING INSTRUMENTS IN THE FORM OF THERMOSTATS.
Claims use since July 1, 1922.

Ser. No. 538,586. GILMORE L. TILBROOK, doing business as The Rythmeter Company, Virginia Beach, Va. Filed Jan. 7, 1948.

PLANNED PARENTHOOD

FOR PRINTED DATA CHART IN THE NATURE OF A CALENDAR HAVING AN ADJUSTABLE INDICATOR FOR SELECTION OF DATA USEFUL IN DETERMINING THE PERIODS OF FERTILITY AND GESTATION OF WOMEN.
Claims use since November 1937.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Ser. No. 529,457. GLADWIN, LIMITED, Sheffield, England. Filed July 25, 1947.

Embassy

Applicant claims ownership of registration No. 226,262.
FOR SILVER AND ELECTRO-PLATED WARE—TO WIT, METAL WARE PLATED WITH PRECIOUS METALS AND COMPRISING THE FOLLOWING NAMED ARTICLES: ASH TRAYS, ASPARAGUS HOLDERS, BREAD HOLDERS, BUFFET STANDS, BUTTER HOLDERS, CAKE STANDS, CASSEROLES, CHAFING DISHES, CHAMPAGNE CUPS, COCKTAIL SHAKERS AND STANDS, COCOTTES, COFFEE SERVICE ARTICLES, CONDIMENT SETS, CRUETS, DISH WARMERS, FOOD DISHES, EGG CUPS, ENTREE DISHES, EPERGNES, FINGER BOWLS, FLOWER VASES, AND STANDS, FRUIT DISHES AND STANDS, GLASS HOLDERS, CARVING STANDS, HEATING STANDS, HORS D'OEUVRES STANDS, AND DISHES, ICE CONTAINERS, ICE CREAM BUCKETS, JUGS, MARMALADES, MENU HOLDERS, MUFFIN DISHES, MATCH STANDS, MUSTARD POTS, NAPKIN RINGS, NUT CRACKERS, PASTRY SERVERS, PECHE MELBA GOBLETS, PICKLE FRAMES, PLATES, SANDWICH STANDS AND TONGS, SAUCE BOTTLE STANDS, SERVING DISHES, SOUFFLE MOULDS, SPONGE RACKS, STEAK DISHES, STRAW HOLDERS, SUGAR BASINS, SUGAR DREDGERS AND SHAKERS, SUNDAE CUPS, SWEETMEAT DISHES, SIPHON HOLDERS, TEA SERVICES, TERRACE STANDS, TODDY GLASS HOLDERS, TIER STANDS, TOAST RACKS, TOOTHPICK STANDS, TRAYS, URNS, VEGETABLE DISHES, WARMERS, WINE SERVICE ARTICLES AND OTHER ARTICLES OF SIMILAR CHARACTER FOR TABLE AND HOUSEHOLD USE.
Claims use since January 1920.

Ser. No. 530,080. HERBERT & POHS, INC., New York, N. Y. Filed July 31, 1947.

bergère

FOR JEWELRY, NOT INCLUDING WATCHES—NAMELY, CLIPS, PINS, NECKLACES, BRACELETS, AND EARRINGS.
Claims use since July 18, 1947.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Ser. No. 536,908. LACTONA INCORPORATED, St. Paul, Minn. Filed Oct. 6, 1947.

Peg O My Heart

FOR THREE PIECE BRUSH AND COMB SET.
Claims use since Sept. 15, 1947.

Ser. No. 537,933. OXZYN COMPANY, Clifton, N. J. Filed Oct. 15, 1947. Under section 2f of the act of 1946.

Valmont

Applicant claims ownership of registration No. 177,821.
FOR POWDER PUFFS.
Claims use since Oct. 29, 1919.

Ser. No. 539,197. MURPHYSBORO GROCERY COMPANY, Murphysboro, Ill. Filed Oct. 27, 1947.



FOR BROOMS.
Claims use since Aug. 28, 1928.

Ser. No. 540,246. BOYLE-MIDWAY INC., Jersey City, N. J. Filed Nov. 6, 1947. Under section 2f of the act of 1946.

Old English

FOR WAX APPLIERS AND DUST AND POLISH MOPS.
Claims use since 1932 on wax appliers; and since Sept. 30, 1937, on dust and polish mops.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 526,772. EMPIRE FURNITURE MANUFACTURING COMPANY, Clinton, Mass. Filed July 5, 1947.

Bondchrome

FOR DINING CHAIRS AND TABLES, AND KITCHEN CHAIRS AND TABLES.
Claims use since May 22, 1947.

Ser. No. 531,030. THOMAS M. GRANER, Chico, Calif. Filed Aug. 11, 1947.

Venetianettes

FOR VENETIAN BLINDS.
Claims use since June 10, 1947.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 529,908. RONALD J. MCKINNON, Bedford Hills, N. Y. Filed July 29, 1947.

MINUS-PRESSURE

FOR VACUUM STEAM HEATING SYSTEM.
Claims use since July 10, 1947.

Ser. No. 531,189. BARBER-COLMAN COMPANY, Rockford, Ill. Filed Aug. 13, 1947.

SIGHT-TITE

FOR VENTILATING GRILLES.
Claims use since Feb. 9, 1937.

Ser. No. 531,260. THE TORRINGTON MANUFACTURING COMPANY, Torrington, Conn. Filed Aug. 13, 1947.

AIROTOR

Applicant claims ownership of registration No. 369,512.
FOR CENTRIFUGAL BLOWER WHEELS.
Claims use since Feb. 24, 1939.

Ser. No. 531,577. COPPUS ENGINEERING CORPORATION, Worcester, Mass. Filed Aug. 16, 1947.

VENTAIR

FOR CENTRIFUGAL BLOWERS AND EXHAUSTERS FOR VENTILATING PURPOSES.
Claims use since Feb. 1, 1925.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 527,376. WILKENING MANUFACTURING COMPANY, Philadelphia, Pa. Filed July 5, 1947.

precisioneered

FOR PISTON RINGS AND PISTON RING EXPANDERS.
Claims use since March 1943.

Ser. No. 534,893. JOHNSON BELTING COMPANY, INC., New York, N. Y. Filed Sept. 18, 1947. Under section 2 (f) of the act of 1946.

AMERICA

Applicant claims ownership of registration No. 201,797.
FOR LEATHER BELTING.
Claims use since August 1911.

Ser. No. 535,042. JOHNSON BELTING COMPANY, INC., New York, N. Y. Filed Sept. 19, 1947. Under section 2 (f) of the act of 1946.

SUTTON

Applicant claims ownership of registration No. 202,611.
FOR LEATHER BELTING.
Claims use since March 1924.

Ser. No. 535,043. JOHNSON BELTING COMPANY, INC., New York, N. Y. Filed Sept. 19, 1947. Under section 2 (f) of the act of 1946.

NIAGARA

Applicant claims ownership of registration No. 207,731.
FOR LEATHER BELTING.
Claims use since August 1911.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Ser. No. 513,670. M. A. MILLER MANUFACTURING CO., Chicago, Ill. Filed Aug. 18, 1947.

CARILLON DYNAMIC

FOR PHONOGRAPH NEEDLES.
Claims use since Nov. 23, 1946.

CLASS 37

PAPER AND STATIONERY

Ser. No. 506,351. SENGBUSCH SELF-CLOSING INKSTAND COMPANY, Milwaukee, Wis. Filed Aug. 26, 1947. Under section 2 (f) of the act of 1946.

Sengbusch

Applicant claims ownership of registrations Nos. 132,242, 132,520, and 231,346.
FOR INKWELLS, SANITARY MOISTENERS FOR GUMMED SURFACES, SPONGE CUPS, DESK FILES, AND WRITING PENS AND DESK SETS (THE LATTER COMPRISING A PEN SUPPORT AND A PEN WITH OR WITHOUT AN ASSOCIATED INKWELL).
Claims use since Apr. 21, 1903, on inkwells; since June 1, 1915, on sanitary moisteners for gummed surfaces; since November 1923, on sponge cups; since March 1924, on desk files; and since May 27, 1927, on writing pens and desk sets.

Ser. No. 528,210. KIMBERLY-CLARK CORPORATION, Neenah, Wis. Filed July 9, 1947. Under section 2 (f) of the act of 1946.

Levelcoat

FOR PRINTING PAPERS.
Claims use since Jan. 1, 1941.

Ser. No. 529,989. HOWARD PAPER MILLS, INC., Dayton, Ohio. Filed July 30, 1947.

DAYTONIA

FOR BOND PAPER AND LEDGER PAPER.
Claims use since 1935.

Ser. No. 529,990. HOWARD PAPER MILLS, INC., Dayton, Ohio. Filed July 30, 1947.

OVATION

FOR BOND PAPER AND PAPER ENVELOPES.
Claims use since March 1936 on paper; and since October 1936 on envelopes.

Ser. No. 529,995. HOWARD PAPER MILLS, INC., Dayton, Ohio. Filed July 30, 1947.

DISCOVERY

Applicant claims ownership of registration No. 320,894.
FOR BOND PAPER AND PAPER ENVELOPES.
Claims use since December 1935 on bond paper; and since July 1, 1936, on paper envelopes.

Ser. No. 529,996. HOWARD PAPER MILLS, INC., Dayton, Ohio. Filed July 30, 1947.

WORKWELL

FOR BOND PAPER, MIMEOGRAPH PAPER AND PAPER ENVELOPES.
Claims use since March 1939 on bond paper and mimeograph paper; and since October 1936 on paper envelopes.

Ser. No. 529,999. HOWARD PAPER MILLS, INC., Dayton, Ohio. Filed July 30, 1947.

WYTEK

Applicant claims ownership of registration No. 294,422.
FOR BOND PAPER, LEDGER PAPER, OFFSET PAPER AND PAPER ENVELOPES.
Claims use since 1928 on ledger paper; since February 1937 on offset and bond paper; and since October 1936 on paper envelopes.

Ser. No. 530,003. HOWARD PAPER MILLS, INC., Dayton, Ohio. Filed July 30, 1947.

COSMOPOLITAN

FOR BOND PAPER AND LEDGER PAPER.
Claims use since May 1933.

Ser. No. 531,086. BRIGHTWATER PAPER COMPANY, Dover, Del., and Adams, Mass. Filed Aug. 12, 1947.

DECADE

Applicant claims ownership of registration No. 413,559.
FOR WRITING PAPER (BOND, VELLUM AND LEDGER).
Claims use since December 1934.

Ser. No. 531,087. BRIGHTWATER PAPER COMPANY, Dover, Del., and Adams, Mass. Filed Aug. 12, 1947.

BRIGHTWATER

Applicant claims ownership of registrations Nos. 365,632, 365,633, 414,294, 416,480, and 417,841.
FOR WRITING PAPER (BOND, VELLUM AND LEDGER).
Claims use since Sept. 1, 1933.

Ser. No. 531,088. BRIGHTWATER PAPER COMPANY, Dover, Del., and Adams, Mass. Filed Aug. 12, 1947.

LYNFLAX

Applicant claims ownership of registration No. 416,480.
FOR WRITING PAPER (BOND, VELLUM AND LEDGER).
Claims use since December 1935.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 530,422. THE NEW YORKER MAGAZINE, INC., formerly known as the F-R Publishing Corporation, New York, N. Y. Filed Aug. 4, 1947.

ONCE A LADY ALWAYS A LADY DEPARTMENT

No claim is made to the word "Department."
FOR MAGAZINE COLUMN.
Claims use since Aug. 21, 1943.

Ser. No. 530,423. THE NEW YORKER MAGAZINE, INC., formerly known as the F-R Publishing Corporation, New York, N. Y. Filed Aug. 4, 1947.

DEPARTMENT OF ELEGANCE

The word "Department" is disclaimed.
FOR MAGAZINE COLUMN.
Claims use since Apr. 9, 1938.

Ser. No. 534,679. SCHOLASTIC CORPORATION, New York, N. Y. Filed Sept. 16, 1947.

Senior Scholastic

Applicant claims ownership of registrations Nos. 273,405, 311,740, and 396,008.
FOR PERIODICAL.
Claims use since Mar. 8, 1943.

Ser. No. 535,252. MID-CONTINENT AIRLINES, INC., Kansas City, Mo. Filed Sept. 22, 1947.

Wing Tips

FOR PUBLICATIONS IN THE FORM OF A MAGAZINE PUBLISHED MONTHLY.
Claims use since April 1944.

Ser. No. 535,599. THE PALM BROTHERS DECALCOMANIA COMPANY, Cincinnati, Ohio. Filed Sept. 24, 1947.

TRUCLAS

FOR DECALCOMANIAS.
Claims use since May 1936.

Ser. No. 536,692. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill. Filed Oct. 3, 1947.

INTERNATIONAL HARVESTER
WORLD

Applicant claims ownership of registration No. 127,955.
FOR MONTHLY PERIODICAL.
Claims use since Sept. 1, 1946.

CLASS 39
CLOTHING

Ser. No. 507,875. AMERICAN LADY CORSET CO., Detroit, Mich. Filed Sept. 2, 1947.

Figur-matic

No claim is made to the word "Figur."
FOR CORSETS, GIRDLES, BRASSIÈRES, BANDEAUX, GARTER BELTS, AND VARIOUS COMBINATIONS THEREOF.
Claims use since Aug. 19, 1946.

Ser. No. 527,379. PIONEER SUSPENDER COMPANY, Philadelphia, Pa. Filed July 5, 1947. Under section 2 (f) of the act of 1946.

FEATHERWEIGHT

Applicant claims ownership of registrations Nos. 77,056 and 306,541.
FOR GARTERS, BRACES, AND SUSPENDERS.
Claims use since Oct. 1, 1909, on garters; and since July 15, 1932, on braces and suspenders.

Ser. No. 528,717. SID GREENBERG, INC., New York, N. Y. Filed July 16, 1947.

"Joan Art"

FOR LADIES' LINGERIE—NAMELY, SLIPS, PANTIES, NIGHTGOWNS, AND BLOUSES.
Claims use since July 10, 1944.

Ser. No. 529,168. KNOTHE BROTHERS CO. INC., New York, N. Y. Filed July 22, 1947.

THE CLUB

Applicant claims ownership of registration No. 176,026 (renewed).
FOR GARTERS, WAIST BELTS AND SUSPENDERS.
Claims use since Jan. 18, 1923, on garters; since Feb. 7, 1923, on belts; and since Mar. 19, 1923, on suspenders.

Ser. No. 529,170. KNOTHE BROTHERS CO. INC., New York, N. Y. Filed July 22, 1947.

BACHELOR

Applicant claims ownership of registration No. 161,191, renewed.
FOR PAJAMAS.
Claims use since Nov. 2, 1921.

Ser. No. 529,172. KNOTHE BROTHERS CO. INC., New York, N. Y. Filed July 22, 1947.

EXPANSO

Applicant claims ownership of registrations Nos. 357,542 and 411,128.
FOR MEN'S, WOMEN'S, BOYS' AND GIRLS' PAJAMAS, SHORTS, UNDERWEAR, BELTS FOR OUTERWEAR, SUSPENDERS AND GARTERS.
Claims use since July 26, 1944, on pajamas, shorts and underwear; and since Dec. 17, 1937, on belts for outerwear, suspenders and garters.

Ser. No. 529,173. KNOTHE BROTHERS CO. INC., New York, N. Y. Filed July 22, 1947.

Old Hundred

Applicant claims ownership of registrations Nos. 357,548 and 419,458.
FOR PAJAMAS, BELTS FOR OUTERWEAR, GARTERS, SUSPENDERS AND ROBES.
Claims use since Dec. 10, 1937, on pajamas, belts for outerwear, garters, and suspenders; and since Mar. 13, 1940, on robes.

Ser. No. 529,176. KNOTHE BROTHERS CO. INC., New York, N. Y. Filed July 22, 1947.

HYACINTH

Applicant claims ownership of registration No. 294,727.
FOR MEN'S AND BOYS' PAJAMAS, UNDERWEAR, DRESS AND NEGLIGEE SHIRTS, MUFFLERS AND DRESSING GOWNS.
Claims use since June 10, 1931, on pajamas; since June 19, 1931, on dressing gowns; since June 27, 1931, on underwear; since Nov. 9, 1931, on mufflers; and since Dec. 23, 1931, on shirts.

Ser. No. 529,273. KNOTHE BROTHERS CO. INC., New York, N. Y. Filed July 23, 1947.

SNOOZERS

Applicant claims ownership of registration No. 332,602.
FOR PAJAMAS AND SLEEPING GARMENTS.
Claims use since Aug. 1, 1935.

Ser. No. 529,816. PALOMINO SPORTSWEAR COMPANY, Los Angeles, Calif. Filed July 28, 1947.

Wrangler

FOR MEN'S SPORT SHIRTS.
Claims use since Feb. 5, 1947.

Ser. No. 529,906. MARSHALL FIELD & COMPANY, Chicago, Ill. Filed July 29, 1947.

PHOTOGS

FOR MEN'S, WOMEN'S, AND CHILDREN'S JACKETS AND APRONS.
Claims use since Apr. 28, 1947.

Ser. No. 529,957. BESCO SHIRT COMPANY, INC., Elizabeth, N. J. Filed July 30, 1947.

Besco

FOR MEN'S AND BOYS' SHIRTS FOR OUTER WEAR.
Claims use since Mar. 1, 1947.

Ser. No. 531,070. BENJAMIN WARSHAUER, Stockton, Calif. Filed Aug. 11, 1947.

Star Makers
NEW YORK

The words "New York" are disclaimed.
FOR WOMEN'S SHOES.
Claims use since July 1, 1945.

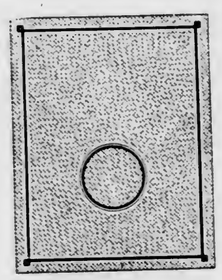
CLASS 40
FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 520,065. SPINNERIN YARN CO., INC., New York, N. Y., assignor to Spinnerin Yarn Co., Inc., South Hackensack, N. J., a corporation of New Jersey. Filed Oct. 6, 1947.

SPINNERIN

FOR STAMPED GOODS FOR RUG MAKING.
Claims use since Mar. 6, 1947.

Ser. No. 527,941. THE WILSON FASTENER COMPANY Cleveland, Ohio, assignor to Talon, Inc., Meadville, Pa., a corporation of Pennsylvania. Filed July 5, 1947.



The drawing is conventionally lined for orange, the full black lines representing black, and the full white lines representing white. Applicant claims ownership of registration No. 351,916.
FOR SNAP FASTENERS.
Claims use since June 28, 1916.

Ser. No. 535,244. LASKO STRAP COMPANY, New York, N. Y. Filed Sept. 22, 1947.

MOLDETTE

FOR LEATHER WRIST WATCH STRAPS.
Claims use since Aug. 15, 1947.

Ser. No. 535,245. LASKO STRAP COMPANY, New York, N. Y. Filed Sept. 22, 1947.

MAJORETTE

FOR WRIST WATCH STRAPS MADE OF LEATHER OR PLASTIC.
Claims use since Aug. 15, 1947.

Ser. No. 535,574. JACK LICHT, doing business as Curvex Shoulder Pad Company, Los Angeles, Calif. Filed Sept. 24, 1947.

CURVEX

FOR SHOULDER PADS.
Claims use since Oct. 17, 1944.

Ser. No. 536,258. I. B. KLEINERT RUBBER COMPANY, INC., New York, N. Y. Filed Sept. 30, 1947.

BUTTERFLY

FOR DRESS SHIELDS.
Claims use since Sept. 23, 1947.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 532,008. FONTAINE CONVERTING WORKS, INC., New York, N. Y. Filed Aug. 21, 1947.



GENUINE PLASTICIZED CREASE RESISTANT FINISH

The words "Genuine Plasticized Crease Resistant Finish" are disclaimed.
FOR TEXTILE FABRICS IN THE PIECE, OF WOOL, WORSTED, COTTON, RAYON, PROTEIN FIBRES AND MIXTURES THEREOF.
Claims use since May 1, 1944.

Ser. No. 533,115. AMERICAN WOOLEN COMPANY, New York, N. Y. Filed Sept. 3, 1947.

Scarsdale

FOR WOOL BLANKETS.
Claims use since Jan. 17, 1947.

Ser. No. 533,399. CARLETON SCHALLER & CO., INC., New York, N. Y. Filed Sept. 4, 1947.

BLUE GRASS

FOR LINEN, COTTON AND RAYON TABLECLOTHS, NAPKINS, DOILIES, AND SCARVES.
Claims use since August 1947.

Ser. No. 536,647. SIMTEX MILLS, DIVISION OF SIMMONS COMPANY, New York, N. Y. Filed Oct. 3, 1947.

NILEEN

FOR TABLECLOTHS AND NAPKINS.
Claims use since Sept. 11, 1947.

CLASS 43

THREAD AND YARN

Ser. No. 533,142. THE CLARK THREAD COMPANY, Wilmington, Del., and Clarksdale, Ga. Filed Sept. 3, 1947.

TRU-SEAM

Applicant claims ownership of registration No. 290,958.
FOR THREAD.
Claims use since July 16, 1946.

Ser. No. 534,034. THE LINEN THREAD CO., INC., New York, N. Y. Filed Sept. 10, 1947.

SHURSEAM

FOR THREAD.
Claims use since October 1940.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 499,539. WILLIAM J. CHARTERS, Des Moines, Iowa. Filed July 12, 1947.

CHAR-STIM

FOR DENTAL STIMULATING INSTRUMENTS.
Claims use since Mar. 1, 1946.

Ser. No. 526,916. THE DRESCH LABORATORIES COMPANY, Toledo, Ohio. Filed July 5, 1947.



The words "Maximum," "Capillarity" and "Denture" are disclaimed.
FOR SPECIALLY TREATED DENTURES TO GIVE MAXIMUM CAPILLARITY BETWEEN THE TISSUE AND THE DENTURE.
Claims use since Apr. 3, 1947.

Ser. No. 527,878. TALON, INC., Meadville, Pa. Filed July 5, 1947.

TALON

Applicant claims ownership of registration No. 243,746.
FOR CUFFS FOR USE WITH SPHYGMOMANOMETERS AND SURGICAL STOCKINGS.
Claims use since July 1, 1947.

Ser. No. 528,980. A. S. ALOE COMPANY, St. Louis, Mo. Filed July 21, 1947.

SUPER-TEX

FOR SURGEONS' GLOVES.
Claims use since January 1939.

Ser. No. 529,186. MILLERS FORGE MFG. CORP., New York, N. Y. Filed July 22, 1947.

MILLERS FORGE

The word "Forge" is disclaimed.
FOR MANICURE IMPLEMENTS—NAMELY, NAIL FILES, NAIL CLIPS, NAIL NIPPERS, NAIL SCISSORS, TWEEZERS, BLACKHEAD REMOVERS, CUTICLE PUSHERS, CUTICLE SCISSORS, CUTICLE NIPPERS, BABY NAIL SCISSORS, AND MUSTACHE SCISSORS.
Claims use since June 30, 1944.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 518,989. STATE BRAND CREAMERIES, INC., Mason City, Iowa. Filed Oct. 9, 1947.

Corn Country

Applicant claims ownership of registration No. 317,967.
FOR CHEDDAR CHEESE SANDWICH SPREAD.
Claims use since Aug. 7, 1934.

Ser. No. 526,892. CHELSEA MILLING COMPANY, Chelsea, Mich. Filed July 5, 1947.

"JIFFY"

Applicant claims ownership of registration No. 147,681.
FOR BISCUIT MIX, DOUGHNUT MIX, PIE CRUST, HOT ROLL MIX AND BREAD MIX.
Claims use since September 1930 on biscuit mix; since September 1934 on doughnut mix; since April 1944 on pie crust; and since May 29, 1947 on hot roll mix and bread mix.

Ser. No. 532,018. THE GREAT ATLANTIC AND PACIFIC TEA COMPANY, New York, N. Y. Filed Aug. 21, 1947.

Cavalcade

Applicant claims ownership of registration No. 324,427.
FOR CANDY.
Claims use since Oct. 20, 1934.

Ser. No. 540,832. LAVERNE ORANGE ASSOCIATION, La Verne, Calif. Filed Nov. 12, 1947.

BEGONIA

FOR FRESH CITRUS FRUITS.
Claims use since 1910.

CLASS 47

WINES

Ser. No. 527,697. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed July 5, 1947.

Coast to Coast

Applicant claims ownership of registration No. 379,762.
FOR WINES.
Claims use since July 17, 1934.

CLASS 55

SERVICES

Ser. No. 528,499. MORSE SIGNAL DEVICES AND ALARM COMPANY, Cleveland, Ohio. Filed July 12, 1947.

M S D

FOR BURGLAR-ALARM SERVICE.
Claims use since July 1, 1934.

TRADE-MARK REGISTRATIONS GRANTED

ACT OF 1905

APRIL 6, 1948

437,887. GRIDDLE CAKE MIX CONTAINING WHEAT FLOUR, SOYBEAN FLOUR, ETC. NUTRISOY COMPANY, New York, N. Y., assignor to Reinhold P. Schmitt.
Filed May 20, 1943. Serial No. 460,781. PUBLISHED DECEMBER 30, 1947. Class 46.

437,888. BIRD FEEDERS, CONTAINING BIRD FEED. JOYCE P. HYDE, doing business as Hyde Bird Feeder Co., Somerville, Mass.
Filed March 3, 1944. Serial No. 467,943. PUBLISHED DECEMBER 30, 1947. Class 50.

437,889. WHISKEY. ALLIED IMPORTING COMPANY, San Francisco, Calif., assignor to Delphine Salazar, doing business as World-Wide Importing Company, Albuquerque, N. Mex.
Filed September 26, 1944. Serial No. 474,616. PUBLISHED JANUARY 13, 1948. Class 49.

437,890. GLASS TUMBLERS, GLASS TABLEWARE, AND GLASS KITCHEN WARE NOT INCLUDING GLASS BOTTLES AND JARS. THE FEDERAL GLASS COMPANY, Columbus, Ohio.
Filed December 6, 1944. Serial No. 477,266. PUBLISHED DECEMBER 16, 1947. Class 33.

437,891. MAILING WRAPPER. E. H. RODEN, doing business as Pull-The-String Mailing Wrapper Co., Chicago, Ill.
Filed March 1, 1945. Serial No. 480,389. PUBLISHED JANUARY 13, 1948. Class 37.

437,892. NON-METALLIC CONTAINER CLOSURES, ETC. MACALASTER BICKNELL COMPANY, Cambridge, Mass.
Filed March 7, 1945. Serial No. 480,600. PUBLISHED JANUARY 6, 1948. Class 50.

437,893. AFTER SHAVE LOTION. LUDWIG SCHERK, INC., New York, N. Y.
Filed April 24, 1945. Serial No. 482,554. PUBLISHED MARCH 26, 1946. Class 6.

437,894. ELECTRIC FOOT SWITCHES. BURKE & JAMES, INC., Chicago, Ill.
Filed June 7, 1945. Serial No. 484,235. PUBLISHED JANUARY 6, 1948. Class 21.

437,895. ELECTRIC WELDING TORCHES AND PARTS THEREOF. THE LINDE AIR PRODUCTS COMPANY, New York, N. Y.
Filed June 29, 1945. Serial No. 485,226. PUBLISHED JANUARY 13, 1948. Class 21.

437,896. GREEN COFFEE. TITO ABBO JUNIOR Y HERMANOS, Maracaibo, Venezuela.
Filed July 19, 1945. Serial No. 485,976. PUBLISHED JANUARY 13, 1948. Class 46.

437,897. SYNTHETIC RUBBER IN LIQUID AND SHEET FORM ADAPTED FOR FABRICATING A WIDE VARIETY OF COMMERCIAL ARTICLES. RUTEX, INC., North Bergen, N. J.
Filed August 7, 1945. Serial No. 486,874. PUBLISHED DECEMBER 23, 1947. Class 1.

437,898. CIGARETTE CASES. CLEEVELANDT CORPORATION, New York, N. Y.
Filed August 10, 1945. Serial No. 486,984. PUBLISHED DECEMBER 4, 1945. Class 8.

437,899. BOILERS FIRED BY GUN TYPE OIL BURNERS. HARVEY-WHIPPLE, INCORPORATED, Springfield, Mass.
Filed September 7, 1945. Serial No. 488,089. PUBLISHED DECEMBER 30, 1947. Class 34.

437,900. SIGNS AND DISPLAYS USED FOR ADVERTISING PURPOSES IN WHICH ELECTRIC LIGHTS ARE NOT A COMPONENT THEREOF, AND WHICH ARE AT LEAST PARTIALLY MADE OF PLASTIC MATERIAL. GEMLOID CORPORATION, Elmhurst, N. Y.
Filed October 29, 1945. Serial No. 490,648. PUBLISHED DECEMBER 30, 1947. Class 50.

437,901. RADIO RECEIVING SETS, RADIO TRANSMITTING SETS, COMBINED RADIO RECEIVING SETS WITH PHONOGRAPHS, ELECTRIC HIGH-FREQUENCY DI-ELECTRIC HEATING UNITS AND ELECTRIC HIGH-FREQUENCY MAGNETIC INDUCTION HEATING UNITS FOR INDUSTRIAL USES, ETC. AIRCRAFT AND MECHANICAL PRODUCTIONS, LIMITED, High Wycombe, Great Britain, now by change of name Airmec Limited.
Filed November 9, 1945. Serial No. 491,303. PUBLISHED JANUARY 13, 1948. Class 21.

437,902. MATZOS. THE B. MANISCHEWITZ COMPANY, Jersey City, N. J., and Cincinnati, Ohio.
Filed November 19, 1945. Serial No. 491,866. PUBLISHED JANUARY 13, 1948. Class 46.

437,903. ANTISEPTIC OINTMENT PREPARATION FOR THE TREATMENT OF CUTS AND SKIN IRRITATIONS. DOLLAR & PATTON, Gloversville, N. Y.
Filed December 11, 1945. Serial No. 493,053. PUBLISHED JANUARY 13, 1946. Class 6.

437,904. WOOD PULL TOYS, WOOD ACTION TOYS, WOOD TAKE-A-PART TOYS, AND WOOD CONSTRUCTION TOYS, THE TOYS BEING ASSEMBLED AND EMPLOYING MOVABLE AND DETACHABLY COUPLED PARTS. HARDWOOD TOY MANUFACTURING CORPORATION, New York, N. Y.
Filed December 12, 1945. Serial No. 493,119. PUBLISHED JANUARY 6, 1948. Class 22.

437,905. TOY HOBBY HORSES. ALBERT LOGAN WAIT, JR., doing business as Wait Manufacturing Co., Tulsa, Okla.
Filed December 21, 1945. Serial No. 493,704. PUBLISHED DECEMBER 9, 1947. Class 22.

437,906. JUMPING STICKS. THE FOULK ENGINEERING COMPANY, Cincinnati, Ohio.
Filed January 12, 1946. Serial No. 494,667. PUBLISHED JANUARY 6, 1948. Class 22.

437,907. WRITING PAPER IN BOXES AND OTHERWISE, CARDBOARD, WRAPPING PAPER PRINTED AND UNPRINTED, BLANK PAPER SEALS AND TAGS AND WALLPAPER. FREDART STATIONERY COMPANY, New York, N. Y.
Filed February 2, 1946. Serial No. 495,876. PUBLISHED JANUARY 13, 1948. Class 37.

437,908. COMBINATION GAS AND STEAM COOKING STOVES. THE VENDO COMPANY, Kansas City, Mo.
Filed February 4, 1946. Serial No. 496,002. PUBLISHED DECEMBER 16, 1947. Class 34.

437,909. COMBINATION GAS AND STEAM COOKING STOVES. THE VENDO COMPANY, Kansas City, Mo.
Filed February 11, 1946. Serial No. 496,413. PUBLISHED DECEMBER 16, 1947. Class 34.

437,910. LAMP SHADES. JACOB W. BLESHMAN, doing business as Bleshman Lamp and Shade Co., Philadelphia, Pa.
Filed February 15, 1946. Serial No. 496,602. PUBLISHED JANUARY 6, 1948. Class 34.

437,911. DEEP WATER FISH TRAWLS AND ACCESSORIES AND SUPPLIES THEREFOR—TO WIT, HAND REEL, BRAIDED BRONZE WIRE, SOFT SOLID COPPER WIRE, "PEARL" WABBLERS, "SETH GREEN" RIG, SOCKET HARNESS ROD AND REEL OUTFIT. DEEP RIG TROUT REEL CO., Rochester, N. Y.
Filed February 19, 1946. Serial No. 496,896. PUBLISHED JANUARY 6, 1948. Class 22.

437,912. MOLDED AND CAST, NATURAL AND SYNTHETIC, RESIN AND PLASTIC BASES, BACKINGS, SUPPORTS AND SHADE FRAMES FOR FLOOR, TABLE, BRIDGE, AND BOUDOIR LAMPS AND LIGHTING FIXTURES. IMPERIAL MOLDED PRODUCTS CORPORATION, Chicago, Ill.
Filed February 23, 1946. Serial No. 497,102. PUBLISHED JANUARY 6, 1948. Class 34.

437,913. EDUCATIONAL SETS—NAMELY, TOY WOODEN CUBULAR COUNTING BLOCKS AND TOY WOODEN BEADS; TOY CLAY MODELING SETS; TOY CONSTRUCTION UNITS—NAMELY, CUBULAR COUNTING BLOCKS, WOODEN BALLS, ETC. CREATO PRODUCTS COMPANY, Chicago, Ill.
Filed February 28, 1946. Serial No. 497,374. PUBLISHED DECEMBER 2, 1947. Class 22.

437,914. BLOCKS AND PIECES TO BE ASSEMBLED TO SIMULATE VARIOUS OBJECTS AND STRUCTURES EITHER REAL OR FANCIFUL. JÓZSEF KUNA, Oxford, England.
Filed March 1, 1946. Serial No. 497,483. PUBLISHED JANUARY 6, 1948. Class 22.

437,915. SELF LUMINOUS WASHERS OF TRANSPARENT PLASTIC MATERIAL ADAPTED TO BE ATTACHED TO AN ELECTRIC LIGHT PANEL FOR THE PURPOSE OF LOCATING THE ELECTRIC LIGHT SWITCH IN THE DARK, BUTTONS AND WASHERS. WILLIAM H. SCHUTTE, North Hollywood, Calif.
Filed March 8, 1946. Serial No. 497,882. PUBLISHED JANUARY 13, 1948. Class 50.

437,916. GOLF CLUBS AND DIRECTION INDICATING ATTACHMENTS FOR GOLF CLUBS. CARL F. FORSELL, doing business as The Putting Eye Company, Rockford, Ill.
Filed March 15, 1946. Serial No. 498,278. PUBLISHED JANUARY 6, 1948. Class 22.

437,917. FLY ROD CASES AND PLASTIC CASES FOR HOLDING PLAYING CARDS, POKER CHIPS AND DICE. THE JORUS COMPANY, Evanston and Chicago, Ill.
Filed March 18, 1946. Serial No. 498,423. PUBLISHED DECEMBER 9, 1947. Class 22.

437,918. EQUIPMENT FOR DEHUMIDIFICATION AND/OR AIR STERILIZATION EMPLOYING TRIETHYLENE GLYCOL AS THE SOLUTION, SAID EQUIPMENT INCLUDING MOISTURE ABSORBERS, SOLUTION CONCENTRATORS, HEAT EXCHANGERS, AND SOLUTION HEATERS. ROGERS DIESEL AND AIRCRAFT CORPORATION, New York, N. Y.
Filed March 23, 1946. Serial No. 498,861. PUBLISHED DECEMBER 23, 1947. Class 34.

437,919. INSULATED PICNIC JUGS AND INSULATED PICNIC BOXES. POLORON PRODUCTS, INC., New Rochelle, N. Y.
Filed March 26, 1946. Serial No. 499,003. PUBLISHED JANUARY 13, 1948. Class 2.

437,920. SYNTHETIC RESINOUS MATERIAL IN THE FORM OF SHEETS, RODS, TUBING, CORD, AND TAPE RESISTANT TO THE ACTION OF ELECTROPLATING AND CLEANING SOLUTIONS FOR VARIOUS USES IN THE INDUSTRIAL ARTS. UNITED CHROMIUM, INCORPORATED, New York, N. Y.
Filed March 27, 1946. Serial No. 499,088. PUBLISHED JANUARY 6, 1948. Class 1.

437,921. METAL GLOBES AND REFLECTORS AND COMBINATION GLASS AND METAL GLOBES AND REFLECTORS. THE MILLER COMPANY, Meriden, Conn.
Filed April 1, 1946. Serial No. 499,425. PUBLISHED DECEMBER 23, 1947. Class 34.

437,922. ATTENUATORS, FIXED RESISTORS, SLIDER RESISTORS, POWER RESISTORS, POWER RHEOSTATS, BALLAST RESISTORS, GLASS INSULATED RESISTORS, ETC. CLAROSTAT MFG. CO. INC., Brooklyn, N. Y.
Filed April 2, 1946. Serial No. 499,484. PUBLISHED DECEMBER 23, 1947. Class 21.

437,923. COLLAPSIBLE SCAFFOLDS. LAWRENCE AUNE, Clitherall, Minn.
Filed April 5, 1946. Serial No. 499,687. PUBLISHED JANUARY 13, 1948. Class 50.

437,924. SCOTCH WHISKY. MACDONALD & MUIR LIMITED, Leith, Scotland.
Filed April 5, 1946. Serial No. 499,724. PUBLISHED DECEMBER 23, 1947. Class 49.

437,925. CARDBOARD EASELS FOR HOLDING SMALL PICTURES; STATIONERY—NAMELY, WRITING PAPER AND ENVELOPES; BOOK MARKERS, PENCILS, LETTER OPENERS, AND BLANK STAMP BOOKS. BRETHREN IN THE CHRIST PUBLICATION BOARD, INC., doing business as Christian Light Press, Elizabethtown, Pa.
Filed April 12, 1946. Serial No. 500,050. PUBLISHED DECEMBER 30, 1947. Class 37.

437,926. PORTABLE BARBECUE USING SOLID FUEL. THE RANCH HOUSE, Fort Worth, Tex.
Filed April 12, 1946. Serial No. 500,127. PUBLISHED DECEMBER 30, 1947. Class 34.

437,927. PORTABLE BARBECUE USING SOLID FUEL. THE RANCH HOUSE, Fort Worth, Tex.
Filed April 12, 1946. Serial No. 500,128. PUBLISHED DECEMBER 30, 1947. Class 34.

437,928. COAL MINING AND VENTILATING FANS. JOY MANUFACTURING COMPANY, Pittsburgh, Pa.
Filed April 19, 1946. Serial No. 500,543. PUBLISHED DECEMBER 23, 1947. Class 34.

437,929. WHIRLING TOY. PAUL A. DRUMMOND, doing business as Drummond Specialty Company, Wauwatosa, Wis.
Filed May 1, 1946. Serial No. 501,242. PUBLISHED DECEMBER 2, 1947. Class 22.

437,930. PAPER PRODUCTS—NAMELY, ALBUMS, SCRAP BOOKS, PRICE TICKETS HAVING BLANK LINES TO BE FILLED IN, AND SIGN MATERIALS CONSISTING OF GUMMED CUT-OUT LETTERS AND NUMERALS MADE FROM PAPER AND CARDBOARD. THE HOLES-WESWAY CO., St. Cloud, Minn.
Filed May 1, 1946, Serial No. 501,252. PUBLISHED JANUARY 13, 1948. Class 37.

437,931. PYROPHORIC CIGAR AND CIGARETTE LIGHTERS. BERNARD-MURRAY CO., Brooklyn, N. Y.
Filed May 9, 1946. Serial No. 501,709. PUBLISHED DECEMBER 30, 1947. Class 34.

437,932. FOOD PRODUCTS—NAMELY, BONED PHEASANT, PHEASANT A LA NEWBERG, SMOKED PHEASANT, SMOKED DUCK MALLARD, SMOKED WILD TURKEY, SMOKED TURKEY, SMOKED CAPON, SMOKED GUINEA HEN, WILD RICE, DRESSED WHOLE PHEASANT, SMOKED TURKEY PATE, SMOKED PHEASANT PATE, AND SMOKED SEASONING SALT. MAX MCGRAW, doing business as Fin 'n Feather Club, Dundee, Ill.
Filed May 9, 1946. Serial No. 501,751. PUBLISHED JANUARY 6, 1948. Class 46.

437,933. DARTS, DART FLIGHTS, DART CANES, DART CASES, DART BOARDS, DART BOARD SPIDERS AND NUMBER RINGS, CHESSMEN, CHESS BOARDS, ETC. UNICORN PRODUCTS LIMITED, London, England.
Filed May 17, 1946. Serial No. 502,355. PUBLISHED JANUARY 6, 1948. Class 22.

437,934. POULTRY FEEDERS, PORTABLE FOUNTS FOR STOCK AND POULTRY, PORTABLE TANKS FOR WATERING STOCK, HOG AND STOCK FEEDERS, AND BROODERS. HILLTOP FARM FEED CO., Minneapolis, Minn.
Filed June 3, 1946. Serial No. 503,204. PUBLISHED JUNE 17, 1947. Class 50.

437,935. STEAM GARMENT FINISHER. NEW WAY CO., INC., St. Paul, Minn.
Filed June 14, 1946. Serial No. 503,924. PUBLISHED JANUARY 13, 1948. Class 24.

437,936. CANNED CITRUS JUICES—NAMELY, BLENDED GRAPEFRUIT AND ORANGE JUICE FOR FOOD PURPOSES. SEVEN SEAS TRADING CORP., Los Angeles, Calif.
Filed June 17, 1946. Serial No. 504,073. PUBLISHED DECEMBER 9, 1947. Class 46.

437,937. THERMOPLASTIC RESIN IN LIQUID AND GRANULAR FORM HAVING A GENERAL UTILITY IN THE INDUSTRIAL ARTS. THE MATHIESON ALKALI WORKS, New York, N. Y.
Filed June 28, 1946. Serial No. 504,777. PUBLISHED DECEMBER 23, 1947. Class 1.

437,938. GAME PLAYED WITH CARDS. STERLING OFFSET COMPANY, New York, N. Y.
Filed July 3, 1946. Serial No. 505,081. PUBLISHED DECEMBER 23, 1947. Class 22.

437,939. NON-ALCOHOLIC MALTLESS BEVERAGES—NAMELY, SOFT DRINKS. TOOTLE BEVERAGE COMPANY, St. Joseph, Mo.
Filed July 8, 1946. Serial No. 505,266. PUBLISHED DECEMBER 23, 1947. Class 45.

437,940. OPTICAL FRAMES, LENSES, AND OPHTHALMIC MOUNTINGS. MORRIS JACOBY, New York, N. Y.
Filed July 9, 1946. Serial No. 505,304. PUBLISHED JANUARY 6, 1948. Class 26.

437,941. WATER HEATERS AND PARTS AND ACCESSORIES THEREOF, IDENTIFIED AS FOLLOWS: WATER HEATERS USING NATURAL, MANUFACTURED AND BOTTLED GAS AND LIQUIFIED PETROLEUM GASES FOR FUEL, ETC. CHARLES F. WOODMANSEE, doing business as Automatic Water Heater Sales Co., San Francisco, Calif.
Filed July 17, 1946. Serial No. 505,787. PUBLISHED JANUARY 6, 1948. Class 34.

437,942. OIL FIRED BOILERS. THE LUDLOW WELDING CO. INC., New York, N. Y.
Filed July 20, 1946. Serial No. 505,967. PUBLISHED DECEMBER 30, 1947. Class 34.

437,943. TOY ANIMALS. THE FLYING TIGERS (AMERICAN VOLUNTEER GROUP—CHINESE AIR FORCE) INCORPORATED, New York, N. Y.
Filed July 22, 1946. Serial No. 506,024. PUBLISHED JANUARY 6, 1948. Class 22.

437,944. NEWSPAPER FEATURE COLUMN. TENNESSEAN NEWSPAPERS, INC., Nashville, Tenn.
Filed July 22, 1946. Serial No. 506,066. PUBLISHED JANUARY 13, 1948. Class 38.

437,945. TOY SPINNING TOPS. COPAR INDUSTRIES, Detroit, Mich.
Filed July 24, 1946. Serial No. 506,158. PUBLISHED DECEMBER 2, 1947. Class 22.

437,946. DOLLS. INTERNATIONAL DOLL COMPANY, INC., Philadelphia, Pa.
Filed July 31, 1946. Serial No. 506,601. PUBLISHED DECEMBER 2, 1947. Class 22.

437,947. DOLLS. ALBERT M. DANZIG, New York, N. Y.
Filed August 1, 1946. Serial No. 506,650. PUBLISHED JANUARY 6, 1948. Class 22.

437,948. COMIC STRIP. THE BASTIAN-BLESSING COMPANY, Chicago, Ill.
Filed August 6, 1946. Serial No. 506,914. PUBLISHED DECEMBER 30, 1947. Class 38.

437,949. FEATURE COLUMN IN A PUBLICATION. THE BASTIAN-BLESSING COMPANY, Chicago, Ill.
Filed August 6, 1946. Serial No. 506,915. PUBLISHED DECEMBER 30, 1947. Class 38.

437,950. LADIES' AND GIRLS' SWIM SUITS, HATS AND NECKTIES AND LADIES', GIRLS', AND INFANTS' SCARFS, HOSIERY, AND SHAWLS. JUANITA MANUFACTURING CO. INC., New York, N. Y.
Filed August 7, 1946. Serial No. 507,006. PUBLISHED DECEMBER 30, 1947. Class 39.

437,951. FISH LURES. WHOPPER-STOPPER BAIT COMPANY, Sherman, Tex.
Filed August 9, 1946. Serial No. 507,177. PUBLISHED DECEMBER 2, 1947. Class 22.

437,952. CAST ALUMINUM NON-ELECTRIC COOKWARE—NAMELY, KETTLES, TEA KETTLES, PRESERVING KETTLES, TRIPLICATE KETTLE SETS, COFFEE POTS, ROASTERS, TURKEY ROASTERS, FRENCH ROASTERS, DUTCH OVENS, CASSEROLES, SAUCE PANS, BOILERS, DOUBLE BOILERS, OMELET PANS, SKILLETS, FRY PANS, DOUBLE FRY PANS, FRENCH FRYERS, GRIDDLES, BREAKFAST GRILLS, TEAPOTS, AND STEAK PLATTERS. ADVANCE ALUMINUM CASTINGS CORP., Chicago, Ill.
Filed August 12, 1946. Serial No. 507,227. PUBLISHED JANUARY 13, 1948. Class 13.

437,953. CARTONS MADE FROM PAPER OR CARDBOARD FOR PACKING COMESTIBLES. YORKVILLE PAPER CO. INC., New York, N. Y.
Filed August 14, 1946. Serial No. 507,451. PUBLISHED JANUARY 13, 1948. Class 2.

437,954. DOLLS, TOY ANIMALS, FOOTBALLS AND SOFTBALLS. VICTORY MANUFACTURING COMPANY, Philadelphia, Pa.
Filed August 17, 1946. Serial No. 507,606. PUBLISHED DECEMBER 2, 1947. Class 22.

437,955. FRESH VEGETABLES. T. J. MATULICH, doing business as T. J. Matulich Co., Watsonville, Calif.
Filed August 21, 1946. Serial No. 507,738. PUBLISHED JANUARY 13, 1948. Class 46.

437,956. PERFUMES AND TOILET WATERS. PARFUMS VERLAYNE, SOCIÉTÉ A RESPONSABILITÉ LIMITÉE, Paris, France.
Filed August 22, 1946. Serial No. 507,840. PUBLISHED AUGUST 12, 1947. Class 6.

437,957. SHAMPOOS, PERMANENT WAVING SOLUTIONS, AND HAIR CREME. BAHR'S, INC., doing business as Creme De Mist Laboratories, Sioux Falls, S. Dak.
Filed August 23, 1946. Serial No. 507,878. PUBLISHED JANUARY 13, 1948. Class 6.

437,958. FROZEN CONFECTIONS AND POWDERED CONCENTRATES FOR MAKING THE SAME. JOE LOWE CORPORATION, New York, N. Y.
Filed August 28, 1946. Serial No. 508,163. PUBLISHED JANUARY 13, 1948. Class 46.

437,959. CRUDE COAL TAR. JOHN D. FARBER, doing business as Briggs Bituminous Composition Co., Philadelphia, Pa.
Filed August 31, 1946. Serial No. 508,373. PUBLISHED DECEMBER 30, 1947. Class 1.

437,960. LIPSTICK. KAY DAUMIT, INC., Chicago, Ill., assignor to Kathryn, Inc., Chicago, Ill., a corporation of Illinois.
Filed September 3, 1946. Serial No. 508,422. PUBLISHED JULY 15, 1947. Class 6.

437,961. PULL-TOYS WITH HOPPING ACTION. UNITED MANUFACTURERS, INC., New York, N. Y.
Filed September 3, 1946. Serial No. 508,455. PUBLISHED DECEMBER 2, 1947. Class 22.

437,962. GRANULATED MAGNETIC IRON OXIDE FOR USE IN THE PRODUCTION OF MAGNETIC CORES AND SHIELDS AND AS A MAGNETIC MATERIAL FOR THE PRODUCTION OF TAPES, WIRES, AND OTHER DEVICES IN MAGNETIC SOUND RECORDING. FOOTE MINERAL COMPANY, Philadelphia, Pa.
Filed September 4, 1946. Serial No. 508,471. PUBLISHED DECEMBER 23, 1947. Class 21.

437,963. OIL FIRED BOILERS. THE LUDLOW WELDING CO. INC., Yonkers, N. Y.
Filed September 7, 1946. Serial No. 508,662. PUBLISHED DECEMBER 30, 1947. Class 34.

437,964. APPARATUS FOR ELECTRICALLY RECORDING SOUND UPON WIRE AND/OR FOR ELECTRICALLY REPRODUCING SOUND FROM WIRE GENERALLY REFERRED TO AS WIRE RECORDERS AND REPRODUCERS, AND PARTS FOR SUCH APPARATUS. MOLDED INSULATION COMPANY, Philadelphia, Pa.
Filed September 26, 1946. Serial No. 509,784. PUBLISHED DECEMBER 23, 1947. Class 21.

437,965. APPARATUS FOR ELECTRICALLY RECORDING SOUND UPON WIRE AND/OR FOR ELECTRICALLY REPRODUCING SOUND FROM WIRE, GENERALLY REFERRED TO AS WIRE RECORDERS AND REPRODUCERS, AND PARTS FOR SUCH APPARATUS. MOLDED INSULATION COMPANY, Philadelphia, Pa.
Filed September 26, 1946. Serial No. 509,785. PUBLISHED DECEMBER 23, 1947. Class 21.

437,966. AIRPLANES. PIPER AIRCRAFT CORPORATION, Lock Haven, Pa.
Filed October 1, 1946. Serial No. 510,025. PUBLISHED NOVEMBER 25, 1947. Class 19.

437,967. TENNIS AND BADMINTON RACKETS. BENTLEY-WILSON INC., Camden, N. Y.
Filed October 3, 1946. Serial No. 510,157. PUBLISHED DECEMBER 23, 1947. Class 22.

437,968. WATERPROOF PYROPHORIC LIGHTERS FOR IGNITING FIRES OUT OF DOORS. COMMODITIES CORPORATION OF OHIO, Cleveland, Ohio.
Filed October 9, 1946. Serial No. 510,484. PUBLISHED DECEMBER 30, 1947. Class 34.

437,969. COMPOSITION USED AS A COOLANT AND LUBRICANT IN THE DRAWING, STAMPING, AND MANIPULATION OF METALS. GLYCO PRODUCTS CO. INC., Brooklyn, N. Y.
Filed October 11, 1946. Serial No. 510,678. PUBLISHED DECEMBER 9, 1947. Class 6.

437,970. ELECTRIC TOASTER FOR RESTAURANTS, HOTELS AND THE LIKE. SAVORY EQUIPMENT, INC., Newark, N. J.
Filed October 12, 1946. Serial No. 510,804. PUBLISHED DECEMBER 23, 1947. Class 21.

437,971. DRY ELECTROLYTIC CAPACITORS. SOLAR MANUFACTURING CORPORATION, New York, N. Y., and elsewhere.
Filed October 15, 1946. Serial No. 510,901. PUBLISHED JANUARY 6, 1948. Class 21.

437,972. PERFUMES, TOILET WATERS, COLD CREAMS, DEODORANTS, FACE POWDERS, ROUGES, LIP STICKS, NAIL POLISH, LEG LOTIONS, BATH SALTS, HAIR TONICS, POMADES, HAIR OILS, AND SHAMPOOS. COUNT DORELIS, LTD., New York, N. Y.
Filed October 16, 1946. Serial No. 510,938. PUBLISHED JANUARY 13, 1948. Class 6.

437,973. ARTIFICIAL TEETH IN VARIOUS FORMS. PETER ROTHWELL, doing business as Rothwell Ceramic Laboratories, Buffalo, N. Y.
Filed October 17, 1946. Serial No. 511,039. PUBLISHED JANUARY 13, 1948. Class 44.

437,974. CORN STARCH FOR FOOD PURPOSES. CORN PRODUCTS REFINING COMPANY, New York, N. Y.
Filed October 18, 1946. Serial No. 511,068. PUBLISHED JANUARY 13, 1948. Class 46.

437,975. BUBBLE SOLUTION AND DEVICE FOR MAKING BUBBLES ESPECIALLY DESIGNED FOR AMUSEMENT PURPOSES. FAIRY DEW COMPANY, Boston, Mass.
Filed October 18, 1946. Serial No. 511,075. PUBLISHED DECEMBER 23, 1947. Class 22.

437,976. BAIT CASTING FISHING LINES. NORWICH LINE COMPANY, INC., Norwich, N. Y.
Filed October 22, 1946. Serial No. 511,284. PUBLISHED JANUARY 6, 1948. Class 22.

437,977. DINNER AND KITCHEN WARE—TO WIT, PLATES, CUPS, SAUCERS, SOUP AND GRAVY BOWLS, MEAT PLATTERS, VEGETABLE SERVICE DISHES, PITCHERS, DRINKING VESSELS, ALL FORMED AS MOULDED PLASTIC ARTICLES. CLARENCE POOL, doing business as Hydropack, Los Angeles, Calif.
Filed August 19, 1946. Serial No. 511,434. PUBLISHED JANUARY 13, 1948. Class 2.

437,978. MALTS FOR BREWERY PURPOSES. ERIC BRIESS, New York, N. Y.
Filed October 26, 1946. Serial No. 511,536. PUBLISHED DECEMBER 23, 1947. Class 48.

437,979. WOVEN TEXTILE FABRIC OF RAYON AND COTTON, SOLD BY THE BOLT. JANSHAW FABRICS INC., New York, N. Y.
Filed October 29, 1946. Serial No. 511,684. PUBLISHED JANUARY 13, 1948. Class 42.

437,980. PERFUMES, TOILET WATERS, ROUGE, LIPSTICK, AND FACE CREAMS. PARFUMS VERCHERE (PARFUMS JEROME) SOCIÉTÉ À RESPONSABILITÉ LIMITÉE, Paris, France.
Filed October 30, 1946. Serial No. 511,756. PUBLISHED AUGUST 26, 1947. Class 6.

437,981. TOY AND EDUCATIONAL BLOCKS. EMMETT MANUFACTURING COMPANY, Emmett, Idaho.
Filed November 1, 1946. Serial No. 511,867. PUBLISHED JANUARY 6, 1948. Class 22.

437,982. FISHING LINES. NORWICH LINE COMPANY, INC., Norwich, N. Y.
Filed November 13, 1946. Serial No. 512,526. PUBLISHED JANUARY 6, 1948. Class 22.

437,983. FISHING RODS, FISHING ROD BAGS, AND FISHING ROD CASES. PEPPER FISHING ROD AND TACKLE CORPORATION, Rome, N. Y.
Filed November 19, 1946. Serial No. 512,858. PUBLISHED DECEMBER 2, 1947. Class 22.

437,984. ELECTRICAL MEASURING INSTRUMENTS, SPECIFICALLY APPARATUS FOR DETERMINING THE VOLTAGE AT WHICH ELECTRICAL INSULATION BREAKS DOWN, INSTRUMENTS FOR MEASURING THE RESISTANCE OF ELECTRICAL GROUNDING CONNECTION TO THE EARTH, ETC. ASSOCIATED RESEARCH, INCORPORATED, Chicago, Ill.
Filed November 22, 1946. Serial No. 513,017. PUBLISHED JANUARY 6, 1948. Class 26.

437,985. SUN GLASSES, EYE GLASSES, GOGGLES, AND FRAMES AND LENSES FOR SUN GLASSES AND EYE GLASSES. ZENITH OPTICAL MFG. CO., Chicago, Ill.
Filed November 22, 1946. Serial No. 513,091. PUBLISHED SEPTEMBER 9, 1947. Class 26.

437,986. GAMES PLAYED WITH BOARDS AND MOVABLE GAME PIECES. ALFRED L. BARRETT, doing business as Hogi-Boka Creations, Staten Island, N. Y.
Filed November 25, 1946. Serial No. 513,155. PUBLISHED JANUARY 6, 1948. Class 22.

437,987. POWDERED DEODORANT. CHICHESTER CHEMICAL CO., Philadelphia, Pa.
Filed November 26, 1946. Serial No. 513,236. PUBLISHED JANUARY 6, 1948. Class 6.

437,988. COPY HOLDERS USEABLE BY STENOGRAPHERS AND OTHERS. BANKERS BOX COMPANY, Chicago, Ill.
Filed December 6, 1946. Serial No. 513,797. PUBLISHED DECEMBER 30, 1947. Class 37.

437,989. LIQUID LEVEL GAUGES. WINFRED S. KRUEGER, doing business as Krueger Sentry Gauge Co., Green Bay, Wis.
Filed December 7, 1946. Serial No. 513,890. PUBLISHED JANUARY 6, 1948. Class 26.

437,990. GASOLINE BURNING COOKING STOVES. AMERICAN GAS MACHINE COMPANY, Albert Lea, Minn.
Filed December 13, 1946. Serial No. 514,164. PUBLISHED DECEMBER 30, 1947. Class 34.

437,991. METAL STRAINERS INTENDED PRIMARILY FOR FRUIT JUICES AND THE LIKE. CALIFORNIA FRUIT GROWERS EXCHANGE, Los Angeles, Calif.
Filed December 17, 1946. Serial No. 514,408. PUBLISHED JANUARY 13, 1948. Class 13.

437,992. ELECTRIC LAMP SHADES. SIGMUND J. SCHWARTZ, doing business as The Fotolampshade Mfg. Co., Brooklyn, N. Y.
Filed December 17, 1946. Serial No. 514,435. PUBLISHED JANUARY 6, 1948. Class 21.

437,993. GAME OF SKILL IN WHICH A GOLF BALL IS DRIVEN INTO SCORING RECEPTACLES WITH A GOLF CLUB. MIKE D. MAY, Durham, N. C.
Filed December 19, 1946. Serial No. 514,550. PUBLISHED JANUARY 6, 1948. Class 22.

437,994. TUMBLERS, WINE GLASSES, WATER GLASSES, BOWLS, DISHES, JUGS, VASES, TRAYS, DECANTERS, AND GLASSES FOR SERVING BEVERAGES, LIQUORS AND LIQUEURS. AKTS. HOLMEGAARDS GLASVÆRK, Copenhagen, Denmark.
Filed December 20, 1946. Serial No. 514,585. PUBLISHED JANUARY 6, 1948. Class 33.

437,995. POWDERED DEHYDRATED BANANA FLOUR, ETC. WILLIAM P. KESEL, doing business as W. P. Kesel, New York, N. Y.
Filed December 20, 1946. Serial No. 514,610. PUBLISHED JANUARY 13, 1948. Class 46.

437,996. WRAPPING PAPER. THE ANCHOR PAPER COMPANY, Cincinnati, Ohio.
Filed December 28, 1946. Serial No. 514,929. PUBLISHED DECEMBER 30, 1947. Class 37.

437,997. STORAGE BATTERIES. NICKEL CADMIUM BATTERY CORPORATION, Easthampton, Mass.
Filed December 31, 1946. Serial No. 515,126. PUBLISHED JANUARY 6, 1948. Class 21.

437,998. MINIATURE PORCELAIN BOXES, TRAYS, AND DISHES TO HOLD AUXILIARY ITEMS. ELFINWARE, INC., New York, N. Y.
Filed January 2, 1947. Serial No. 515,166. PUBLISHED JANUARY 13, 1948. Class 30.

437,999. MINIATURE SOCKET FOR ELECTRONIC TUBES. HUGH H. EBY, INC., Philadelphia, Pa.
Filed January 4, 1947. Serial No. 515,263. PUBLISHED JANUARY 6, 1948. Class 21.

438,000. ACRYLIC DENTURE BASE MATERIALS; ACRYLIC REPAIR MATERIAL FOR DENTURES; ACRYLIC TRAY MATERIAL FOR MAKING IMPRESSION TRAYS, ETC. THE MOTLOID COMPANY, INC., Chicago, Ill.
Filed January 9, 1947. Serial No. 515,510. PUBLISHED JANUARY 13, 1948. Class 44.

438,001. MEDIUM SALT, SAUSAGE SEASONING COMPOSED PRINCIPALLY OF SALT, SUGAR, AND SPICES, AND PREPARATIONS FOR CURING MEATS COMPOSED PRINCIPALLY OF SALT AND SUGAR AND SPICES. THE CAREY SALT CO., Hutchinson, Kans.
Filed January 10, 1947. Serial No. 515,535. PUBLISHED DECEMBER 23, 1947. Class 46.

438,002. CANNED VEGETABLES AND CANNED FRUITS. D. & D. FOODS COMPANY, Wenatchee, Wash.
Filed January 11, 1947. Serial No. 515,611. PUBLISHED DECEMBER 23, 1947. Class 46.

438,003. LIQUID LEVEL INDICATORS. PENBERTHY INJECTOR COMPANY, Detroit, Mich.
Filed January 13, 1947. Serial No. 515,678. PUBLISHED JANUARY 13, 1948. Class 26.

438,004. PERFUMES AND TOILET WATERS. ETABLISSEMENTS RIGAUD, INC., New York, N. Y.
Filed January 14, 1947. Serial No. 515,706. PUBLISHED JANUARY 13, 1948. Class 6.

438,005. CORN CHIPS. JEFFREY FOOD PRODUCTS CORP., Philadelphia, Pa., assignor, by mesne assignments, to Jack Friedman.
Filed January 14, 1947. Serial No. 515,715. PUBLISHED DECEMBER 23, 1947. Class 46.

438,006. INSTRUMENTS FOR TESTING ELECTRONIC TUBES AND INSTRUMENTS FOR TESTING BOTH ELECTRONIC TUBES AND RADIO RECEIVER CIRCUITS AND OTHER ELECTRONIC AND ELECTRICAL CIRCUITS. PRECISION APPARATUS COMPANY, INC., Elmhurst, Long Island, N. Y.
Filed January 15, 1947. Serial No. 515,790. PUBLISHED JANUARY 6, 1948. Class 26.

438,007. CHEWING GUM. AMERICAN CHEWING PRODUCTS CORP., Newark, N. J.
Filed January 21, 1947. Serial No. 516,049. PUBLISHED SEPTEMBER 23, 1947. Class 46.

438,008. SUN GLASSES. AMERICAN SPECTACLE CO., INC., New York, N. Y.
Filed January 24, 1947. Serial No. 516,246. PUBLISHED JANUARY 6, 1948. Class 26.

438,009. THERMO-RESPONSIVE CONTROL APPARATUS FOR CONTROLLING THE TEMPERATURE OF THE COOLING MEDIUM IN ENGINE COOLING SYSTEMS, THERMOSTATS, AND PARTS THEREOF. GRAY MARINE MOTOR COMPANY, Detroit, Mich.
Filed January 24, 1947. Serial No. 516,273. PUBLISHED JANUARY 6, 1948. Class 26.

438,010. CONVERSION GAS BURNERS FOR USE IN HOUSEHOLD HEATING APPARATUS. KEN-JOY MFG., INC., Milwaukee, Wis.
Filed January 24, 1947. Serial No. 516,294. PUBLISHED DECEMBER 30, 1947. Class 34.

438,011. WALLPAPER AND WRAPPING PAPER. FOLLY COVE DESIGNERS, Gloucester and Annisquam, Mass.
Filed January 27, 1947. Serial No. 516,407. PUBLISHED JANUARY 6, 1948. Class 37.

438,012. PIPE COUPLINGS FOR BRITTLE PIPES, SUCH AS ASBESTOS CEMENT PIPE USED FOR THE TRANSPORTATION OF WATER, SALT WATER, SEWAGE, ETC. VICTAULIC COMPANY OF AMERICA, New York, N. Y.
Filed January 28, 1947. Serial No. 516,515. PUBLISHED JANUARY 13, 1948. Class 13.

438,013. INSTRUCTION BOOKS OR HANDBOOKS. THE SEA CADETS OF AMERICA, Milwaukee, Wis.
Filed January 29, 1947. Serial No. 516,584. PUBLISHED JANUARY 13, 1948. Class 38.

438,014. OIL FILL AND VENT COVERS, AND OIL FIRED STEAM AND HOT WATER BOILERS. PREISINGER & SVABEK ENGINEERING CO., INC., Chicago, Ill.
Filed January 31, 1947. Serial No. 516,722. PUBLISHED DECEMBER 30, 1947. Class 34.

438,015. VINYL RESIN COATED PIECE GOODS OF MOHAIR, WOOLEN, SILK, COTTON, LINEN, RAYON, NYLON AND PROTEIN FIBRES, AND OF MIXTURES THEREOF, SOLD IN BOLT. GOODALL-SANFORD, INC., Sanford, Maine.
Filed February 1, 1947. Serial No. 516,767. PUBLISHED DECEMBER 30, 1947. Class 42.

438,016. FABRICS SOLD BY THE PIECE, YARD, OR BOLT TO BE USED FOR MAKING MEN'S NECKWEAR, MADE WHOLLY OF NYLON. GOODMAN & GREENHUT, New York, N. Y.
Filed February 1, 1947. Serial No. 516,769. PUBLISHED DECEMBER 23, 1947. Class 42.

438,017. FELTED MATERIAL IN SHEET FORM MADE PRINCIPALLY OF RUBBER, FOR USE AS AN UNDERLAY FOR CARPETS OR OTHER FLOOR COVERINGS, AND AS A SOLE FOR SHOES. VOL CREPE LIMITED, Glossop, England.
Filed February 3, 1947. Serial No. 516,881. PUBLISHED DECEMBER 23, 1947. Class 50.

438,018. LIGHT REFLECTORS ADAPTED TO BE SECURED TO CLOTHING OR THE LIKE. GEORGE S. DE CHANT, doing business as De Chant Manufacturing & Sales Company, Norristown, Pa.
Filed February 5, 1947. Serial No. 516,964. PUBLISHED DECEMBER 30, 1947. Class 50.

438,019. GROUND PAPRIKA, GROUND CINNAMON, GROUND CLOVES, GROUND GINGER, GROUND CHILI POWDER, GROUND MUSTARD, GROUND BLACK PEPPER, GROUND WHITE PEPPER, GROUND RED PEPPER, GROUND NUTMEG, AND GROUND ALLSPICE. NATIONAL TEA CO., Chicago, Ill.
Filed February 5, 1947. Serial No. 516,994. PUBLISHED DECEMBER 30, 1947. Class 46.

438,020. GOLF CLUBS. SPORTING GOODS, INC., Springfield, Mass, assignor to The Springfield Company.
Filed February 8, 1947. Serial No. 517,210. PUBLISHED JANUARY 6, 1948. Class 22.

438,021. DISPOSABLE BEDDING OF PAPER MADE OF CHEMICALLY LIBERATED FIBERS HIGH IN CELLULOSIC CONTENT—NAMELY, DISPOSABLE PAPER BED SHEETING, ETC. EDWARD E. POOR, JR., doing business as Amherst Blanket Co., Passaic, N. J.
Filed February 12, 1947. Serial No. 517,338. PUBLISHED JANUARY 13, 1948. Class 37.

438,022. PYROPHORIC CIGARETTE LIGHTERS. THE DRUM COMPANY, INC., Bristol, Pa.
Filed February 13, 1947. Serial No. 517,409. PUBLISHED DECEMBER 30, 1947. Class 34.

438,023. GRASS AND FIELD SEED. GERMAIN SEED AND PLANT CO., Los Angeles, Calif.
Filed February 14, 1947. Serial No. 517,472. PUBLISHED DECEMBER 30, 1947. Class 1.

438,024. PREPARATION FOR USE IN TREATMENT OF ECZEMA, ARTHRITIC RHEUMATISM, ITCHING, CHILLS, BLOOD POISON, IRRITATIONS OF THE SKIN, BURNS, BRUISES, ATHLETE'S FOOT, RABBIT FEVER, AND ASTHMA. ANDREW SPIROS, Hot Springs, Ark.
Filed February 18, 1947. Serial No. 517,746. PUBLISHED SEPTEMBER 16, 1947. Class 6.

438,025. ELECTRICAL HEATERS—NAMELY, SPACE HEATERS. ELDON M. WALKER, doing business as Walker Hydraulic Table Company, Decatur, Ill.
Filed February 21, 1947. Serial No. 517,937. PUBLISHED JANUARY 6, 1948. Class 21.

438,026. COIN ACTUATED AMUSEMENT GAMES. DAVID D. LEVITT, Buffalo, N. Y.
Filed February 24, 1947. Serial No. 518,015. PUBLISHED JANUARY 6, 1948. Class 22.

438,027. MAGNETIC SEPARATORS FOR SEPARATING MAGNETIC MATERIAL FROM NONMAGNETIC MATERIAL, SPOUT MAGNETS, MAGNETIC CLUTCHES FOR COUPLING AND UNCOUPLING DIFFERENT PORTIONS OF MACHINERY, ETC. STEARNS MAGNETIC MFG. CO., Milwaukee, Wis.
Filed February 24, 1947. Serial No. 518,056. PUBLISHED JANUARY 6, 1948. Class 21.

438,028. MONTHLY PERIODICAL, A MAGAZINE ISSUED MONTHLY DEVOTED LARGELY TO EASTERN PHILOSOPHY AND ALLIED SUBJECTS IN ANCIENT CIVILIZATIONS AND MODERN TIMES. THE GOLDEN LOTUS PRESS, Philadelphia, Pa.
Filed February 28, 1947. Serial No. 518,292. PUBLISHED JANUARY 13, 1948. Class 38.

438,029. GINGER BREAD, HONEY, CAKES, BISCUITS, CANDY, AND PASTRY. SOCIETE ANONYME DES ETABLISSEMENTS GRINGOIRE, Pithiviers, France.
Filed March 1, 1947. Serial No. 518,369. PUBLISHED JANUARY 13, 1948. Class 46.

438,030. GINGER BREAD. SOCIETE ANONYME DES ETABLISSEMENTS GRINGOIRE, Pithiviers, France.
Filed March 1, 1947. Serial No. 518,370. PUBLISHED JANUARY 13, 1948. Class 46.

438,031. APERITIF LIQUEUR. RAWLINGS & SONS, (LONDON) LIMITED, London, England.
Filed March 4, 1947. Serial No. 518,482. PUBLISHED JANUARY 6, 1948. Class 49.

438,032. LADIES', MISSES', AND CHILDREN'S SUITS, WRAPS, DRESSES, CLOAKS, AND COATS. SORORITY FROCKS, INC., New York, N. Y.
Filed March 4, 1947. Serial No. 518,488. PUBLISHED DECEMBER 30, 1947. Class 39.

438,033. HECTOGRAPH TRANSFER MOISTENING FLUID, FOR USE IN DUPLICATING MACHINES. COPY-PLUS, INC., Milwaukee, Wis.
Filed March 7, 1947. Serial No. 518,660. PUBLISHED JANUARY 13, 1948. Class 11.

438,034. PENCIL SHARPENERS. WILLIAM R. JALOF, doing business as Plastic Products Co., Los Angeles, Calif.
Filed March 7, 1947. Serial No. 518,682. PUBLISHED DECEMBER 30, 1947. Class 37.

438,035. WOMEN'S, MISSES' AND JUNIOR MISSES' SLIPS, NIGHTGOWNS, PAJAMAS, PANTIES, PETTICOATS, AND BED JACKETS. BEAU-ART LINGERIE CO. INC., New York, N. Y.
Filed March 11, 1947. Serial No. 518,811. PUBLISHED JANUARY 6, 1948. Class 39.

438,036. REPAIR AND RENOVATING CHEST SOLD AS A UNIT CONTAINING PAINTS, PAINT BRUSHES, VARNISHES, PUTTY, PUTTY KNIFE, NAILS, SCREWS, BOLTS, BRADS, SCREW DRIVER, CLAW HAMMER, PADLOCKS, HINGES, HASPS, AND OTHER MISCELLANEOUS ITEMS OF HARDWARE. DURO CONSTRUCTION CORP., New York, N. Y.
Filed March 19, 1947. Serial No. 519,265. PUBLISHED DECEMBER 23, 1947. Class 50.

438,037. TOILET CREAMS FOR THE SKIN AND FACE. MAURICE LAVRIL, Saint-Aquilin-de-Pacy S/Eure, Eure, France.
Filed March 19, 1947. Serial No. 519,276. PUBLISHED JANUARY 13, 1948. Class 6.

438,038. DOLLS. VOGUE DOLLS, INC., Medford, Mass.
Filed March 19, 1947. Serial No. 519,304. PUBLISHED JANUARY 6, 1948. Class 22.

438,039. MALTLESS SOFT DRINKS. WILLIAM M. BATEMAN, doing business as Jungle Juice Products Company. Cleburne, Texas.
Filed March 20, 1947. Serial No. 519,310. PUBLISHED DECEMBER 23, 1947. Class 45.

438,040. FOUNTAIN PENS. SKATER MANUFACTURING CO. INC., New York, N. Y.
Filed March 20, 1947. Serial No. 519,350. PUBLISHED JANUARY 13, 1948. Class 37.

438,041. BREWING SYRUP. A. M. HERRMANN INC., New York, N. Y.
Filed March 22, 1947. Serial No. 519,443. PUBLISHED DECEMBER 23, 1947. Class 48.

438,042. TENNIS BALLS. THE HUNGARIAN RUBBER GOODS FACTORY LIMITED, Budapest, Hungary.
Filed March 26, 1947. Serial No. 519,582. PUBLISHED JANUARY 6, 1948. Class 22.

438,043. FERTILIZER. NACO FERTILIZER COMPANY, New York, N. Y.
Filed March 26, 1947. Serial No. 519,615. PUBLISHED JANUARY 13, 1948. Class 10.

438,044. WOMEN'S AND MISSES' COTTON WASH DRESSES. LUV-LEE FROCKS, INC., New York, N. Y.
Filed March 28, 1947. Serial No. 519,757. PUBLISHED DECEMBER 30, 1947. Class 39.

438,045. SYNTHETIC POLYVINYL CHLORIDE RESINS. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio.
Filed March 29, 1947. Serial No. 519,817. PUBLISHED JANUARY 6, 1948. Class 1.

438,046. BRANDY. ELLENA BROTHERS, Etiwanda, Calif.
Filed March 31, 1947. Serial No. 519,867. PUBLISHED DECEMBER 23, 1947. Class 49.

438,047. ELASTIC SURGICAL GOODS—NAMELY, ELASTIC SURGICAL ABDOMINAL SUPPORTS, AND SURGICAL ELASTIC STOCKINGS. CARL H. GEBAUER, Chicago, Ill.
Filed April 2, 1947. Serial No. 520,026. PUBLISHED JANUARY 13, 1948. Class 44.

438,048. ALCOHOLIC COCKTAILS. SCHENLEY DISTRIBUTORS, INC., New York, N. Y.
Filed April 4, 1947. Serial No. 520,186. PUBLISHED DECEMBER 23, 1947. Class 49.

438,049. BARBECUE SAUCE. ADAM SCOTT, Goldsboro, N. C.
Filed April 4, 1947. Serial No. 520,188. PUBLISHED DECEMBER 30, 1947. Class 46.

438,050. CANNED DOG AND CAT FOOD. TIMBERSON CANNING CO., INC., Martville, N. Y.
Filed April 5, 1947. Serial No. 520,240. PUBLISHED DECEMBER 30, 1947. Class 46.

438,051. DOLLS. VANITY DOLL COMPANY, INC., Brooklyn, N. Y.
Filed April 5, 1947. Serial No. 520,244. PUBLISHED JANUARY 6, 1948. Class 22.

438,052. DOLLS AND DOLLS' DRESSES. MAJESTIC DOLL & TOY CORP., New York, N. Y.
Filed April 9, 1947. Serial No. 520,407. PUBLISHED JANUARY 6, 1948. Class 22.

438,053. COIN OPERATED RADIO AND TELEVISION RECEIVING SETS, AND PARTS THEREOF. TELECOIN CORPORATION, New York, N. Y.
Filed April 14, 1947. Serial No. 520,656. PUBLISHED JANUARY 6, 1948. Class 21.

438,054. GREETING CARDS. WHITE & WYCKOFF MFG. CO., Holyoke, Mass.
Filed April 14, 1947. Serial No. 520,662. PUBLISHED JANUARY 13, 1948. Class 38.

438,055. FERTILIZER. NACO FERTILIZER COMPANY, New York, N. Y.
Filed April 4, 1947. Serial No. 520,781. PUBLISHED JANUARY 13, 1948. Class 10.

438,056. MINIATURE AUTOMOBILES. FLEET PRODUCTS INC., New York, N. Y.
Filed April 16, 1947. Serial No. 520,800. PUBLISHED JANUARY 6, 1948. Class 22.

438,057. COAL. PAYNE COAL COMPANY, INC., Wilkes-Barre, Pa.
Filed April 19, 1947. Serial No. 521,027. PUBLISHED JANUARY 6, 1948. Class 1.

438,058. ELECTRIC RADIO, PHONOGRAPH AND TELEVISION RECEIVING SETS. COLMA BUILT RADIO COMPANY, Chicago, Ill.
Filed April 23, 1947. Serial No. 521,176. PUBLISHED JANUARY 13, 1948. Class 21.

438,059. CHEWING TOBACCO. R. C. OWEN COMPANY, Gallatin, Tenn.
Filed April 24, 1947. Serial No. 521,277. PUBLISHED JANUARY 13, 1948. Class 17.

438,060. NATURAL-LEAF TWIST TOBACCO. R. C. OWEN COMPANY, Gallatin, Tenn.
Filed April 24, 1947. Serial No. 521,283. PUBLISHED JANUARY 13, 1948. Class 17.

438,061. CELLOPHANE CHRISTMAS STOCKINGS. STAR BAND CO. INC., New York, N. Y.
Filed April 24, 1947. Serial No. 521,294. PUBLISHED JANUARY 6, 1948. Class 22.

438,062. BALL POINT PENS AND FOUNTAIN PENS. JACK GALTER, Chicago, Ill., assignor to Diversey Machine Works, Inc., Chicago, Ill., a corporation of Illinois.
Filed April 25, 1947. Serial No. 521,321. PUBLISHED DECEMBER 9, 1947. Class 37.

438,063. ELECTRIC SOLDERING IRONS. HEXACON ELECTRIC COMPANY, Roselle Park, N. J.
Filed April 25, 1947. Serial No. 521,332. PUBLISHED JANUARY 6, 1948. Class 21.

438,064. ELECTRIC LAMP SHADES. PAULINE H. HUMPHREYS, doing business as Sharp's Point Studio, Salisbury, Md.
Filed April 28, 1947. Serial No. 521,450. PUBLISHED JANUARY 6, 1948. Class 21.

438,065. SYNTHETIC RESINS IN SOLID FORM FOR USE IN SOLID OR SOLUTION FORM IN MOLDING, CASTING AND EXTRUDING A WIDE VARIETY OF ARTICLES OF MANUFACTURE RANGING FROM FLEXIBLE TO RIGID AND INCLUDING INDUSTRIAL AND HOUSEHOLD GOODS SUCH AS IMPLEMENT PARTS, ETC. MONSANTO CHEMICAL COMPANY, St. Louis, Mo.
Filed April 28, 1947. Serial No. 521,457. PUBLISHED DECEMBER 30, 1947. Class 1.

438,066. BEVERAGE GLASSES. EARL W. NEWTON, Chicago, Ill.
Filed April 28, 1947. Serial No. 521,459. PUBLISHED JANUARY 13, 1948. Class 33.

438,067. CHINAWARE—NAMELY, CHINA DISHES, CHINA CUPS, CHINA BOWLS, CHINA SAUCERS AND CHINA PITCHERS. CAROLINE R. FAJANS, New York, N. Y.
Filed April 30, 1947. Serial No. 521,573. PUBLISHED DECEMBER 16, 1947. Class 30.

438,068. ARTIFICIAL FISHING LURES. GEORGE & SON MFG. CO., Fresno, Calif.
Filed May 1, 1947. Serial No. 521,660. PUBLISHED JANUARY 6, 1948. Class 22.

438,069. PEANUT BUTTER. BEN-HUR PRODUCTS, INC., Los Angeles, Calif.
Filed May 3, 1947. Serial No. 521,787. PUBLISHED DECEMBER 30, 1947. Class 46.

438,070. FLAVORED GELATIN DESSERT PREPARATION. JUNIOR FOOD PRODUCTS CO. INC., Tyrone, Pa.
Filed April 22,1947. Serial No. 521,845. PUBLISHED JANUARY 13, 1948. Class 46.

438,071. WHISKEY. DENEBEIM DISTILLING COMPANY, Kansas City, Mo.
Filed May 5, 1947. Serial No. 521,861. PUBLISHED JANUARY 13, 1948. Class 49.

438,072. GREETING CARDS SOLD IN CELLOPHANE PACKAGES. HALL BROTHERS, INC., Kansas City, Mo.
Filed May 5, 1947. Serial No. 521,880. PUBLISHED DECEMBER 16, 1947. Class 38.

438,073. FOOTBALLS, BASEBALL GLOVES, GOLFBALLS, BASEBALL BATS, SOFTBALL BATS, FISHING REELS, ROLLER SKATES, TENNIS RACKETS, BASEBALLS, SOFTBALL GLOVES, ETC. SHAPIRO DISTRIBUTING CO., Newburgh, N. Y.
Filed May 6, 1947. Serial No. 521,962. PUBLISHED JANUARY 6, 1948. Class 22.

438,074. FOOD CONDIMENT CONSISTING OF VINEGAR, MOLASSES, SOY, ANCHOVIES, LIMES, SPICES, AND OTHER FLAVORINGS. GLASER, CRANDELL CO., Chicago, Ill.
Filed May 6, 1947. Serial No. 521,993. PUBLISHED DECEMBER 23, 1947. Class 46.

438,075. ELECTRICALLY ILLUMINATED ADVERTISING DISPLAY SIGNS. THE OHIO ADVERTISING DISPLAY COMPANY, Cincinnati, Ohio.
Filed May 6, 1947. Serial No. 521,994. PUBLISHED JANUARY 6, 1948. Class 21.

438,076. VITRIFIED CHINAWARE—NAMELY, DINNERWARE. NILOAK POTTERY & TILE COMPANY, Little Rock, Ark.
Filed May 6, 1947. Serial No. 521,996. PUBLISHED JANUARY 13, 1948. Class 30.

438,077. DRY EGG COMPOSITION INCLUDING MILK SOLIDS AND EDIBLE FAT FOR USE IN BAKING AND COOKING. NORTHWEST EGG MIX COMPANY, Owatonna, Minn.
Filed May 8, 1947. Serial No. 522,092. PUBLISHED DECEMBER 30, 1947. Class 46.

438,078. FRESH VEGETABLES—NAMELY, TOMATOES. D. F. MCBRIDE, doing business as McBride Produce Company, Weslaco, Tex.
Filed May 12, 1947. Serial No. 522,253. PUBLISHED DECEMBER 30, 1947. Class 46.

438,079. THERMOPLASTIC MATERIALS IN GRANULE AND POWDER FORM FOR MAKING PLASTIC ARTICLES BY INJECTION MOLDING AND EXTRUSION. OMNI PRODUCTS CORPORATION, New York, N. Y.
Filed May 14, 1947. Serial No. 522,392. PUBLISHED JANUARY 6, 1948. Class 1.

438,080. CARTOON WHICH APPEARS IN NEWSPAPERS AND MAGAZINES. SCOTT BROWN, Mansfield, Ohio.
Filed May 15, 1947. Serial No. 522,405. PUBLISHED DECEMBER 16, 1947. Class 38.

438,081. FRESH VEGETABLES. W. D. LAW, doing business as Justice Produce Company, McAllen, Tex.
Filed May 19, 1947. Serial No. 522,662. PUBLISHED DECEMBER 30, 1947. Class 46.

438,082. BEER, MALT BEVERAGES, AND ALE. THE BURGER BREWING CO., Cincinnati, Ohio.
Filed May 21, 1947. Serial No. 522,783. PUBLISHED DECEMBER 16, 1947. Class 48.

438,083. FRESH VEGETABLES. ELMORE AND STAHL, also doing business as Sunsilt Farms, Pharr, Tex.
Filed May 24, 1947. Serial No. 523,011. PUBLISHED JANUARY 13, 1948. Class 46.

438,084. FEED FOR LIVESTOCK AND POULTRY, THE PRINCIPAL INGREDIENTS BEING WHEAT FEED AND GROUND WHEAT SCREENINGS. SCHREIBER MILLING AND GRAIN COMPANY, St. Joseph, Mo.
Filed May 26, 1947. Serial No. 523,016. PUBLISHED JANUARY 13, 1948. Class 46.

438,085. CANNED FISH—NAMELY, TUNA. PEOPLE'S PACKING CORPORATION, San Diego, Calif.
Filed May 26, 1947. Serial No. 523,037. PUBLISHED JANUARY 13, 1948. Class 46.

438,086. COLLAPSIBLE ARTIFICIAL CHRISTMAS TREES. ANTHONY TISCIONE, Brooklyn, N. Y.
Filed May 27, 1947. Serial No. 523,093. PUBLISHED DECEMBER 23, 1947. Class 50.

438,087. CANNED RIPE OLIVES. WYANDOTTE OLIVE GROWERS ASSOCIATION, Oroville, Calif.
Filed May 27, 1947. Serial No. 523,150. PUBLISHED DECEMBER 2, 1947. Class 46.

438,088. PIEZO ELECTRIC CRYSTALS AND HOLDERS FOR THE SAME. REEVES HOFFMAN CORPORATION, Carlisle, Pa.
Filed June 3, 1947. Serial No. 523,476. PUBLISHED DECEMBER 23, 1947. Class 21.

438,089. SOLUTION OF ACETYLSALICYLIC ACID FOR USE IN THE TREATMENT AND RELIEF OF COLDS, HEADACHES, NEURALGIAS, MUSCULAR ACHES AND PAINS AND ANALOGOUS AILMENTS, AS A GARGLE AND FOR OTHER INDICATED USES. A. G. TYLER, INC., New York, N. Y.
Filed June 3, 1947. Serial No. 523,492. PUBLISHED JANUARY 6, 1948. Class 6.

438,090. GAS RANGES, GAS SPACE HEATERS AND GAS WATER HEATERS, ALL OF WHICH ARE NON-ELECTRIC. FUELANE CORPORATION, Liberty, N. Y.
Filed June 7, 1947. Serial No. 523,774. PUBLISHED DECEMBER 30, 1947. Class 34.

438,091. ALE. HAFFENREFFER & CO. INC., Boston, Mass.
Filed June 11, 1947. Serial No. 523,964. PUBLISHED JANUARY 13, 1948. Class 48.

438,092. ALE. HAFFENREFFER & CO. INC., Boston, Mass.
Filed June 11, 1947. Serial No. 523,965. PUBLISHED DECEMBER 23, 1947. Class 48.

438,093. LOUVERS FOR FLUORESCENT LIGHTING FIXTURES. DAY-BRITE LIGHTING, INC., St. Louis, Mo.
Filed June 12, 1947. Serial No. 524,059. PUBLISHED DECEMBER 23, 1947. Class 21.

438,094. FRESH VEGETABLES. L. E. BAILEY, Centerville, Calif.
Filed June 13, 1947. Serial No. 524,102. PUBLISHED DECEMBER 30, 1947. Class 46.

438,095. PAPER COATED WITH POLYVINYLIDINE CHLORIDE, ETC. THE DECORA CORPORATION, Fort Edward, N. Y.
Filed June 13, 1947. Serial No. 524,112. PUBLISHED JANUARY 6, 1948. Class 37.

438,096. RESILIENT BUTTONS MADE OF FELT, RUBBER OR THE LIKE FOR SUPPORTING GLASS ON A DESK OR TABLE. GLAZIERS' TOOL MFG. CORP., Chicago, Ill.
Filed June 13, 1947. Serial No. 524,129. PUBLISHED JANUARY 6, 1948. Class 50.

438,097. CANDY—NAMELY, CHOCOLATES. C. H. BROWN, doing business as C. C. Brown's, Hollywood, Calif.
Filed June 16, 1947. Serial No. 524,230. PUBLISHED DECEMBER 30, 1947. Class 46.

438,098. SALAD DRESSINGS. ELIZABETH JANKOVITZ, doing business as Lady Elizabeth Products, Woodside, Long Island, N. Y.
Filed June 19, 1947. Serial No. 524,468. PUBLISHED DECEMBER 23, 1947. Class 46.

438,099. LADDERS. WILLIAM MCKINLEY BAIRD, Chicago, Ill.
Filed June 21, 1947. Serial No. 524,591. PUBLISHED DECEMBER 30, 1947. Class 50.

438,100. ELECTRICAL APPARATUS—NAMELY, PORTABLE ELECTRIC LAMPS, FLOOR LAMPS, DESK LAMPS, TABLE LAMPS AND PORTABLE LAMP SHADES. MUTUAL-SUNSET LAMP MANUFACTURING CO., INC., New York, N. Y.
Filed June 21, 1947. Serial No. 524,614. PUBLISHED JANUARY 6, 1948. Class 21.

438,101. FLOWER BULBS. BEAR HOLLOW CALADIUM FARM, Lake Placid, Fla.
Filed June 30, 1947. Serial No. 525,185. PUBLISHED DECEMBER 30, 1947. Class 1.

438,102. DYED LAMB FUR. BEAUTY LAMBS, INC., New York N. Y.
Filed June 30, 1947. Serial No. 525,186. PUBLISHED DECEMBER 30, 1947. Class 1.

438,103. SMOKING TOBACCO. IRVIN A. ROSE, doing business as Cleveland Tobacco Company, Cleveland, Ohio.
Filed June 30, 1947. Serial No. 525,250. PUBLISHED JANUARY 13, 1948. Class 17.

438,104. CANDY. E. A. HOFFMAN CANDY CO. INC., Los Angeles, Calif.
Filed July 1, 1947. Serial No. 525,325. PUBLISHED DECEMBER 9, 1947. Class 46.

438,105. HOPS AND LUPULIN. E. CLEMENS HORST Co., San Francisco, Calif.
Filed July 1, 1947. Serial No. 525,328. PUBLISHED DECEMBER 23, 1947. Class 1.

438,106. PLUG CUT CHEWING TOBACCO. P. LORILLARD COMPANY, New York, N. Y.
Filed July 1, 1947. Serial No. 525,344. PUBLISHED JANUARY 13, 1948. Class 17.

438,107. SHOE HEEL BRACES, SHOE NAILS, SHOE TOE PLATES, SHOE HEEL PLATES, AND SHOE DANCE TAPS. ADLER BROS. LACE CORP., New York, N. Y.
Filed July 3, 1947. Serial No. 525,754. PUBLISHED JANUARY 13, 1948. Class 13.

438,108. PAPER TABLETS AND ENVELOPES. WESTERN TABLET & STATIONERY CORPORATION, Dayton Ohio.
Filed July 3, 1947. Serial No. 525,997. PUBLISHED DECEMBER 23, 1947. Class 37.

438,109. PAPER TABLETS. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,005. PUBLISHED JANUARY 6, 1948. Class 37.

438,110. PAPER TABLETS. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,006. PUBLISHED JANUARY 6, 1948. Class 37.

438,111. LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,024. PUBLISHED JANUARY 6, 1948. Class 37.

438,114. PAPER TABLETS. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,085. PUBLISHED DECEMBER 23, 1947. Class 37.

438,113. INDEX CARDS OR GUIDES. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,086. PUBLISHED DECEMBER 23, 1947. Class 37.

438,114. PAPER TABLETS. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,088. PUBLISHED DECEMBER 23, 1947. Class 37.

438,115. PAPER TABLETS. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,093. PUBLISHED DECEMBER 23, 1947. Class 37.

438,116. PAPER TABLETS, AND LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP WRAPPED PACKAGES, BOXES, OR BANDED; WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,100. PUBLISHED DECEMBER 2, 1947. Class 37.

438,117. LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,111. PUBLISHED JANUARY 6, 1948. Class 37.

438,118. LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,112. PUBLISHED JANUARY 6, 1948. Class 37.

438,119. LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,117. PUBLISHED JANUARY 6, 1948. Class 37.

438,120. PAPER TABLETS; LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED; ENVELOPES, INDEX CARDS OR GUIDES AND SCRAP BOOKS, PHOTOGRAPH OR AUTOGRAPH ALBUMS AND REFILLS THEREFOR. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,123. PUBLISHED JANUARY 13, 1948. Class 37.

438,121. LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,130. PUBLISHED JANUARY 13, 1948. Class 37.

438,122. LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,138. PUBLISHED JANUARY 13, 1948. Class 37.

438,123. PAPETERIES, I. E., STATIONERY COMPRISING ENVELOPES AND/OR PAPER EITHER FLAT OR FOLDED PUT UP IN BOXES, PORTFOLIOS, OR BANDED PACKAGES. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio
Filed July 3, 1947. Serial No. 526,164. PUBLISHED DECEMBER 23, 1947. Class 37.

438,124. FRESH DECIDUOUS FRUITS. GEO. D. BROWN & SON, INC., also doing business as Chelan Falls Orchards, Chelan Falls, Wash.
Filed July 4, 1947. Serial No. 526,196. PUBLISHED DECEMBER 23, 1947. Class 46.

438,125. FRESH DECIDUOUS FRUITS. BUTLER TRADING COMPANY, INC., Wenatchee, Wash.
Filed July 4, 1947. Serial No. 526,199. PUBLISHED DECEMBER 30, 1947. Class 46.

438,126. OLIVE OIL. KENMARTI OLIVE OIL COMPANY, Oroville, Calif.
Filed July 4, 1947. Serial No. 526,248. PUBLISHED DECEMBER 30, 1947. Class 46.

438,127. ELECTRIC TOASTERS. RADIRON CORPORATION, Miamisburg, Ohio.
Filed July 2, 1947. Serial No. 526,329. PUBLISHED DECEMBER 30, 1947. Class 21.

ACT OF 1920

These registrations are not subject to opposition.

438,128. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) LONDON & COMPANY, INC., Elizabeth, N. J. Filed Nov. 16, 1944. Serial No. 476,520.

London's



FOR WHISKEY, GIN, BRANDY, AND RUM.
Claims use since Aug. 23, 1944.

438,129. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) ROY F. WILCOX & CO., Montebello, Calif. Filed June 19, 1945. Serial No. 484,767.



Roy F. Wilcox & Co.

FOR NATURAL PLANTS AND TREES.
Claims use since September 1919.

438,130. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) ASSOCIATED NEWSREELS CORP., Cuyahoga Falls, Ohio. Filed June 26, 1945. Serial No. 485,041.

NEWSREELS
STANDARD of EXCELLENCE

FOR MOTION PICTURE PROJECTORS, CAMERAS, CAMERA CASES, PHOTOGRAPHIC LIGHTING EQUIPMENT, MOTION PICTURE SCREENS, PHOTOGRAPHIC ENLARGERS, AND PHOTOGRAPHIC DEVELOPING TANKS.
Claims use since Feb. 6, 1942.

438,131. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR.) DELAROCHE & SES FILS, Cliason, France. Filed Jan. 18, 1946. Serial No. 494,956.

"PERLANGORA"

FOR KNITTED, NETTED, AND TEXTILE FABRICS MADE SOLELY OF ANGORA RABBIT HAIR YARN OR ANGORA RABBIT HAIR YARN IN COMBINATION WITH WOOL, COTTON, AND/OR SILK AND SOLD BY THE PIECE, YARD, OR BOLT.
Claims use since July 30, 1941.

438,132. (CLASS 43. THREAD AND YARN.) DELAROCHE & SES FILS, Cliason, France. Filed Jan. 18, 1946. Serial No. 494,957.

"PERLANGORA"

FOR WOOL AND HAIR YARNS AND YARNS MADE OF ANGORA RABBIT HAIR.
Claims use since July 30, 1941.

438,133. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) CABOMETER, INC., Anniston, Ala. Filed Feb. 15, 1946. Serial No. 496,604.

Cabometer

FOR TAXI-METER.
Claims use since Jan. 1, 1946.

438,134. (CLASS 38. PRINTS AND PUBLICATIONS.) PRESS RESEARCH, INC., St. Petersburg, Fla., and Washington, D. C., assignor to Nelson P. Poynter, Washington, D. C. Filed Feb. 27, 1946. Serial No. 497,330.

CONGRESSIONAL QUARTERLY

FOR PERIODICAL PUBLICATION.
Claims use since Jan. 29, 1946.

438,135. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) CORTLAND LINE COMPANY, INC., Cortland, N. Y. Filed Apr. 11, 1946. Serial No. 499,992.

DRI-SEALD

FOR FISHING LINES.
Claims use since Jan. 30, 1946.

438,136. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOS. A. RIGGI CANDY CO., Chicago, Ill. Filed Apr. 22, 1946. Serial No. 500,699.



The drawing is lined for bronze, lavender, silver-gray, brown, green, pink, yellow, blue, and red.
FOR CANDY-COATED JORDAN ALMONDS.
Claims use since July 1, 1944.

438,137. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) LEE-CHARLSON CO., East Hartford, Conn. Filed Apr. 26, 1946. Serial No. 500,988.

HOLLYWOOD

FOR SACHETS.
Claims use since 1928.

438,138. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LOUIS TEPLITZ, doing business as United Drug Supply Co., Philadelphia, Pa., assignor to United Drug Supply Company, Inc., Philadelphia, Pa., a corporation of Pennsylvania. Filed June 10, 1946. Serial No. 503,616.

BETTY ROSE

FOR TISSUE CREAM, DEODORANT CREAM, COLD CREAM, CLEANSING CREAM, LIQUID CUTICLE REMOVER, HAIR OIL, HYDROGEN PEROXIDE, AND LIQUID MAKE-UP.
Claims use since Mar. 10, 1937.

438,139. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) DAVID SCHAPIRA, doing business as Soap Master Co., New York, N. Y. Filed July 19, 1946. Serial No. 505,926.



FOR SOAP IMPREGNATED PAPER TISSUE.
Claims use since Jan. 1, 1945.

438,140. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) HARRY GRETSKE, New York, N. Y., assignor to Belle Meade Distilling Corporation, Belle Meade, Va., a corporation of Virginia. Filed July 23, 1946. Serial No. 506,103.

BELLE MEADE



FOR BLENDED WHISKEY.
Claims use since Dec. 13, 1937.

438,141. (CLASS 21. ELECTRICAL APPARATUS, MACHINES AND SUPPLIES.) RADIO INVENTIONS, INC., New York, N. Y. Filed July 31, 1946. Serial No. 506,611.

FAXPAPER

FOR ELECTROSENSITIVE RECORDING PAPER FOR USE WITH FACSIMILE RECORDERS, DUPLICATING MACHINES AND THE LIKE.
Claims use since Jan. 5, 1945.

438,142. (CLASS 38. PRINTS AND PUBLICATIONS.) PREVIEW PUBLISHING CORP., New York, N. Y. Filed Sept. 18, 1946. Serial No. 509,300.

Gift PREVIEW
• The Buyer's Guide to What's New in Gifts and Decorative Accessories •

FOR MONTHLY PRINTED PERIODICAL OR TRADE PAPER.
Claims use since June 7, 1946.

438,143. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) L. G. PHILLIPS, Kalamazoo, Mich. Filed Apr. 19, 1947. Serial No. 521,028.

PHILLIPS' METHOD OF HAIR PRESERVATION

FOR HAIR SHAMPOO, SCALP SHAMPOO, SCALP LOTION, AND HAIR DRESSING.
Claims use since Jan. 4, 1946.

ACT OF 1946, PRINCIPAL REGISTER

500,023. MANUALLY CONTROLLED AUTOMATIC SPRAYERS, FOR PRODUCING INSECTICIDE AEROSOL. WESTINGHOUSE ELECTRIC CORPORATION, East Pittsburgh, Pa., assignor to Bridgeport Brass Company, Bridgeport, Conn., a corporation of Connecticut.
Filed July 23, 1947. Serial No. 481,506. PUBLISHED DECEMBER 2, 1947. Class 23.

500,024. AFTER SHAVE LOTION. JOHN M. WEBB, doing business as John McD. Webb Associates, Minneapolis, Minn.
Filed July 5, 1947. Serial No. 526,674. PUBLISHED JANUARY 13, 1948. Class 6.

500,025. CLEANSING FACE CREAM. JULIUS ROBBINS, Los Angeles, Calif.
Filed July 5, 1947. Serial No. 526,706. PUBLISHED JANUARY 13, 1948. Class 6.

500,026. DENATURED ALCOHOL AND ANTIFREEZE PREPARATIONS FOR ENGINE COOLING SYSTEMS OF AUTOMOBILES AND OTHER INTERNAL COMBUSTION ENGINES. PUBLICKER INDUSTRIES INC., Philadelphia, Pa.
Filed July 5, 1947. Serial No. 526,795. PUBLISHED JANUARY 13, 1948. Class 6.

500,027. COLLODION. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo.
Filed July 5, 1947. Serial No. 526,865. PUBLISHED JANUARY 13, 1948. Class 6.

500,028. CHEMICAL KNOWN AS MONOMETHYL PARA-AMIDOPHENOL SULPHATE AND USED AS A DEVELOPER FOR PHOTOGRAPHIC PURPOSES. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo.
Filed July 5, 1947. Serial No. 526,867. PUBLISHED JANUARY 13, 1948. Class 6.

500,029. FISHING REELS. LANGLEY CORPORATION, San Diego, Calif.
Filed July 5, 1947. Serial No. 526,882. PUBLISHED DECEMBER 23, 1947. Class 22.

500,030. STREPTOMYCIN PREPARATION. CHAS. PFIZER & CO., INC., New York, N. Y.
Filed July 5, 1947. Serial No. 526,914. PUBLISHED JANUARY 13, 1948. Class 6.

500,031. MIXTURE CONTAINING POTASSIUM IODIDE USED FOR ADDING IODINE TO FOODS. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo.
Filed July 5, 1947. Serial No. 526,932. PUBLISHED JANUARY 13, 1948. Class 6.

500,032. IODINE-ADDING SUPPLEMENT FOR ANIMAL FEEDS. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo.
Filed July 5, 1947. Serial No. 526,933. PUBLISHED JANUARY 13, 1948 Class 6.

500,033. SODIUM HYPOSULPHITE IN CRYSTAL FORM. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo.
Filed July 5, 1947. Serial No. 526,937. PUBLISHED JANUARY 13, 1948. Class 6.

500,034. BABIES' AND CHILDREN'S SHOES, SLIPPERS AND BOOTIES OF SHEEPSKIN, KID, CALF AND FABRIC AND COMBINATIONS THEREOF. MRS. DAY'S IDEAL BABY SHOE COMPANY, INC., Danvers, Mass.
Filed July 5, 1947. Serial No. 526,966. PUBLISHED JANUARY 6, 1948. Class 39.

500,035. PAPER DOILIES. WARREN G. ALTHOFF, Glendale, Calif.
Filed July 5, 1947. Serial No. 527,059. PUBLISHED JANUARY 13, 1948. Class 37.

500,036. INCENSE. HINDU INCENSE MANUFACTURING CO., Chicago, Ill.
Filed July 5, 1947. Serial No. 527,345. PUBLISHED JANUARY 13, 1948. Class 6.

500,037. BOOKLETS. DON BAXTER, INC., Glendale, Calif.
Filed July 14, 1947. Serial No. 528,551. PUBLISHED JANUARY 13, 1948. Class 38.

500,038. WOVEN WOOLEN AND WORSTED FABRICS IN THE PIECE. METCALF BROTHERS & CO., New York, N. Y.
Filed July 15, 1947. Serial No. 528,632. PUBLISHED JANUARY 13, 1948. Class 42.

500,039. HOLLAND SHADE-CLOTH. INTERSTATE SHADE CLOTH COMPANY, Hoboken, N. J.
Filed July 16, 1947. Serial No. 528,724. PUBLISHED JANUARY 13, 1948. Class 42.

500,040. SHEET MUSIC AND MUSIC BOOKS. RUBANK, INC., Chicago, Ill.
Filed July 29, 1947. Serial No. 529,933. PUBLISHED JANUARY 13, 1948. Class 38.

500,041. LUBRICATING GUIDES AND CHARTS. LUBE-X SYSTEMS, INC., Chicago, Ill.
Filed August 7, 1947. Serial No. 530,749. PUBLISHED JANUARY 13, 1948. Class 38.

500,042. LIQUEFIED PETROLEUM GAS. BUPANE GAS COMPANY, INCORPORATED, Cedar Rapids, Iowa.
Filed July 5, 1947. Serial No. 533,432. PUBLISHED JANUARY 13, 1948. Class 6.

ACT OF 1946, SUPPLEMENTAL REGISTER

These registrations are not subject to opposition.

500,043. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) MASTRO PLASTICS CORP., New York, N. Y. Filed Oct. 2, 1947. Serial No. 506,118.

MASTRO

FOR PLASTIC CLOTHESPINS.
Claims use since May 1, 1946.

500,044. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ELMER W. KLUMP, now by judicial change of name Elmer Williams, doing business as Bay View Kennels, Milwaukee, Wis. Filed Sept. 5, 1947. Serial No. 506,324.

Itch-Away

FOR REMEDY FOR SKIN IRRITATIONS FOR ANIMALS.
Claims use since Dec. 1, 1945.

500,045. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) DOROTHY MASON PIERCE, New York, N. Y. Filed Aug. 28, 1947. Serial No. 508,857.

BOLY

FOR TOY STUFFED ELEPHANTS.
Claims use since Aug. 13, 1946.

500,046. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ARTHUR HARRIS, New York, N. Y. Filed Feb. 3, 1948. Serial No. 512,627.

HARWIN

FOR CANNED VEGETABLES, CORN MEAL, ROLLED OATS, OLEOMARGARINE, BISCUITS, CANNED CORNED BEEF, CANNED BUTTER, AND CANNED EVAPORATED MILK.
Claims use since June 15, 1946.

500,047. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE CHAPMAN-GILBERT CO., INC., San Diego, Calif. Filed Aug. 9, 1947. Serial No. 516,671.

SLAYZ-WEED

FOR WEED KILLING COMPOSITIONS.
Claims use since May 1, 1944.

500,048. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HOWARD W. NAYLOR, doing business as H. W. Naylor Co., Morris, N. Y. Filed Aug. 12, 1947. Serial No. 521,204.

Dr. Naylor

FOR ANTISEPTIC PAINT FOR THE TREATMENT OF CUTS, SCRATCHES, GALLS, ABRASIVES, AND SUPERFICIAL WOUNDS AND BURNS; A VETERINARY PREPARATION FOR USE IN THE TREATMENT OF HOOF ROT, CONTRACTED HOOFS, BARN ITCH, CUTANEOUS ERUPTIONS, THRUSH-CANKER AND CALK WOUNDS; A VETERINARY MEDICINE FOR USE IN THE TREATMENT OF DIARRHEA; A LOUSE POWDER; AND A VETERINARY MEDICINE FOR USE IN THE TREATMENT OF GARGET, BLOODY MILK, STRINGY MILK, AND NON-CONTAGIOUS MASTITIS.
Claims use since Mar. 10, 1946.

500,049. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) SWIVEL TEE, INC., West Islip, N. Y. Filed July 5, 1947. Serial No. 526,519.

Swivel

FOR GOLF BALL TEES.
Claims use since Aug. 24, 1945.

500,050. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) TUPPER CORPORATION, Farnumsville, Mass. Filed July 17, 1947. Serial No. 528,839.

TUPPER

FOR POKER CHIPS.
Claims use since January 1944.

500,051. (CLASS 5. ADHESIVES.) ROCKWELL MANUFACTURING COMPANY, Pittsburgh, Pa. Filed Sept. 12, 1947. Serial No. 534,351.

ROCKWELL r

FOR STICK GLUE FOR SECURING ABRASIVE DISCS TO BACK DISCS AND LIQUID CEMENT FOR SECURING ABRASIVE GRANULES TO IRREGULAR BASE SURFACES FOR MANUFACTURING ABRASIVE FORMS.
Claims use since Dec. 13, 1945.

TRADE-MARK REGISTRATIONS RENEWED

30,153. "H" AND REPRESENTATION OF WASHINGTON MONUMENT AND HOP-LEAF ETC. Registered June 8, 1897. Chr. Heurich Brewing Co., Washington, D. C., a corporation of Virginia. Re-renewed June 8, 1947. BEER. Class 48.

30,898. "PROSPERITY CLOTH" ETC. AND DRAWING. Registered Nov. 23, 1897. Adolph L. Bernheimer. Re-renewed Nov. 23, 1947, to Bear Mill Manufacturing Company, Inc., New York, N. Y., a corporation of New York. WOVEN GOODS SUCH AS COTTON FABRICS OR CLOTHS. Class 42.

64,165. "M" ENCLOSED IN A DIAMOND OUTLINE. Registered July 30, 1907. Frank Mossberg Company. Re-renewed July 30, 1947, to Apco Mossberg Company, Attleboro, Mass., a corporation of Massachusetts. WRENCHES. Class 23.

64,942. "WESTERN CREAM" AND DESIGN. Registered Aug. 27, 1907. Mapleton Milling Company, Mapleton, Minn. Re-renewed Aug. 27, 1947, to Commander-Larabee Milling Company, Minneapolis, Minn., a corporation of Delaware. WHEAT FLOUR. Class 46.

66,177. MAYWOODBRAND. Registered Nov. 12, 1907. Maywood Packing Co. Re-renewed Nov. 12, 1947, to Maywood Packing Company, Corning, Calif., a corporation of California. CANNED, DRIED AND FRESH FRUITS, AND OLIVE OIL. Class 46.

66,385. BON VOYAGE AND DESIGN. Registered Nov. 26, 1907. Charles & Co. Re-renewed Nov. 26, 1947, to Charles & Co., Inc., New York, N. Y., a corporation of New York. BASKETED FRESH FRUITS. Class 46.

66,792. BON VOYAGE. Registered Dec. 31, 1907. Charles & Co. Re-renewed Dec. 31, 1947, to Charles & Co., Inc., New York, N. Y., a corporation of New York. CANDIES, GLACÉ FRUITS, CHOCOLATES, BONBONS, AND CANDY KISSES. Class 46.

67,004. "SELF CLOSING POUCH" ETC. AND CIRCULAR DESIGN. Registered Jan. 7, 1908. Wm. Warne & Co. Limited, London, England. Re-renewed Jan. 7, 1948, to William Warne & Company Limited, Barking, Essex, England, a company organized under the laws of Great Britain. TOBACCO-POUCHES. Class 8.

68,459. "ACE OF SPADES" AND PICTURE. Registered Apr. 7, 1908. Sweet Orr & Company, New York, Newburgh, Wappingers Falls, and Brooklyn, N. Y., and Joliet, Ill. Re-renewed Apr. 7, 1948, to Sweet-Orr & Co., Inc., New York, N. Y., a corporation of New York. OVERALLS AND THE COATS TO MATCH THE SAME. Class 39.

68,575. "COLUMBIA MILLS" AND DRAWING. Registered Apr. 14, 1908. Mount Vernon Woodberry Cotton Duck Company. Re-renewed Apr. 14, 1948, to Mt. Vernon-Woodberry Mills, Inc., Baltimore, Md., a corporation of Maryland. COTTON DUCK. Class 42.

68,905. REPRESENTATION OF SUN AND MOUNTAINS. Registered May 5, 1908. E. C. DeWitt & Company. Re-renewed May 5, 1948, to E. C. DeWitt & Co. Inc., Chicago, Ill., a corporation of New York. REMEDIES FOR THE RELIEF OF KIDNEY, BLADDER AND LIVER TROUBLES. Class 6.

68,964. "WRIGHT'S INDIAN VEGETABLE PILLS" ETC. AND DRAWING. Registered May 12, 1908. Wrights Indian Vegetable Pill Company, New York, N. Y. Re-renewed May 12, 1948, to The Sydney Ross Co., Newark, N. J., a corporation of New Jersey. A REMEDY FOR INDIGESTION. Class 6.

68,998. "STAR" ETC. AND REPRESENTATION OF STAR. Registered May 12, 1908. The Kenneweg Company, Cumberland, Md. Re-renewed May 12, 1948, to The Borden Company, New York, N. Y., a corporation of New Jersey. CONDENSED MILK. Class 46.

69,003. "G M SKINNER" AND REPRESENTATION OF A FLUTED SPOON AND FANCIFUL DRAWING. Registered May 12, 1908. Mariana E. Skinner, sole executrix of G. M. Skinner, deceased. Re-renewed May 12, 1948, to G. M. Skinner, Incorporated, Clayton, N. Y., a corporation of New York. FLUTED SPOON-BAITS. Class 22.

226,196. "LEONIDAS" AND DRAWING. Registered Apr. 5, 1927. Leonidas Watch Factory Vve. Constant Jeanneret-Droz. Renewed Apr. 5, 1947, to Léonidas Watch Factory Ltd., St. Imier, Switzerland, a corporation organized under the laws of Switzerland. WATCHES AND PARTS OF WATCHES. Class 27.

229,717. "PARDON MY GLOVE" AND DESIGN. Registered July 5, 1927. Press Publishing Company. Renewed July 5, 1947, to New York World-Telegram Corporation, New York, N. Y., a corporation of New York. TITLE OF A DAILY ARTICLE OF BOXING NEWS AND COMMENT IN THE WORLD NEWSPAPER PUBLISHED BY THE UNDERSIGNED CORPORATION. Class 38.

230,602. CHARMED LAND. Registered Aug. 2, 1927. Puyallup & Sumner Fruit Growers Association, Puyallup, Wash. Renewed Aug. 2, 1947, to Washington Packers, Inc., Sumner, Wash., a corporation of Washington. CANNED VEGETABLES — NAMELY, PUMPKIN, BEETS, PEAS, BEANS, TOMATOES; FRESH VEGETABLES—NAMELY, LETTUCE, TOMATOES, ASPARAGUS, AND SPINACH. Class 46.

232,967. HY-TEST. Registered Sept. 20, 1927. Omaha Flour Mills Co. Renewed Sept. 20, 1947, to Omar Incorporated, Omaha, Nebr., a corporation of Delaware. WHEAT FLOUR. Class 46.

233,333. OVEN-KIST. Registered Sept. 27, 1927. Canada Biscuit Company, Limited. Renewed Sept. 27, 1947, to McCormick's Limited, London, Canada, a corporation organized under the laws of the Dominion of Canada. BISCUITS. Class 46.

233,617. IRISH ROSE. Registered Oct. 4, 1927. Abe Kanner, doing business as Globe Bottling Co. Renewed Oct. 4, 1947, to Abe Kanner, Los Angeles, Calif. CARBONATED, NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS. Class 45.

233,947. AMOUR EN CAGE. Registered Oct. 11, 1927. Cadolle Freres. Renewed Oct. 11, 1947, to Cadolle Freres, Societe a Responsabilite Limitee, Paris, France, a corporation organized under the laws of the Republic of France. PERFUMES, TOILET CREAMS, TOILET POWDERS AND ROUGES. Class 6.

233,956. SCHEHERAZADE. Registered Oct. 11, 1927. F. Ducharne Silk Co., Inc., New York, N. Y., a corporation of New York. Renewed Oct. 11, 1947. SILK PIECE GOODS. Class 42.

234,113. "BULL DOG" WITH PICTURE. Registered Oct. 18, 1927. Jambor Tool & Stamping Co., Milwaukee, Wis., a corporation of Wisconsin. Renewed Oct. 18, 1947. AUTOMOBILE ACCESSORIES — NAMELY, SPARK TIMERS, AND AUTOMOBILE ELECTRIC-WIRING SETS. Class 21.

235,036. DELEEN. Registered Nov. 8, 1927. The Atlantic Mills, Providence, R. I., and Stottville, N. Y. Renewed Nov. 8. 1947, to A. D. Juilliard & Co., Inc., New York, N. Y., a corporation of Delaware. WOOLEN DRESS GOODS AND DRESS FABRICS OF COTTON AND WOOL IN THE PIECE. Class 42.

235,061. PRINCEEN. Registered Nov. 8, 1927. The Atlantic Mills, Olneyville, R. I., and Stottville, N. Y. Renewed Nov. 8, 1947, to A. D. Juilliard & Co. Inc., New York, N. Y., a corporation of Delaware. WOOLEN DRESS GOODS AND DRESS FABRICS OF SILK AND WOOL AND COTTON AND WOOL IN THE PIECE. Class 42.

235,721. "AMERICAN DRUGGIST" ETC. Registered Nov. 22, 1927. International Publications, Inc. Renewed Nov. 22, 1947, to Hearst Magazines Inc., New York, N. Y., a corporation of Delaware. MONTHLY PUBLICATION. Class 38.

235,734. HOBBY. Registered Nov. 22, 1927. Lakeside Packing Company, Manitowoc, Wis., a corporation of Wisconsin. Renewed Nov. 22, 1947. OLIVES, PRESERVED PICKLES, AND CANNED VEGETABLES. Class 46.

235,923. SUNLIGHT. Registered Nov. 29, 1927. Sunlight Milling Company. Renewed Nov. 29, 1947, to Home Mill and Grain Company, Inc., Mt. Vernon, Ind., a corporation of Indiana. PLAIN FLOUR. Class 46.

235,942. C N S. Registered Nov. 29, 1927. Thompson Products, Inc., Cleveland, Ohio, a corporation of Ohio. Renewed Nov. 29, 1947. PUMP SHAFTS, AND POPPET VALVES FOR INTERNAL-COMBUSTION ENGINES. Class 23.

235,988. DERMATONE. Registered Nov. 29, 1927. The Chicago Pharmacal Company, Chicago, Ill., a corporation of Illinois. Renewed Nov. 29, 1947. PREPARATION FOR THE TREATMENT OF DISEASES AND AFFECTIONS OF THE SKIN, INCLUDING ACNE, ECZEMA, BLACKHEADS, AND OTHER NAMED SKIN AFFECTIONS. Class 6.

236,435. "AMARO" ETC. AND DRAWING. Registered Dec. 13, 1927. Fratelli Ramazzotti, Società Anonima, Milan, Italy, a corporation organized under the laws of Italy. Renewed Dec. 13, 1947. TONICS AND REMEDIES FOR HEADACHES, INDIGESTION, AND GENERAL DEBILITY. Class 6.

236,439. RIPPLETTE. Registered Dec. 13, 1927. Bliss, Fabyan Company, New York, N. Y., assignor to Bliss Fabyan & Co. Inc. Renewed Dec. 13, 1947, to Bates Manufacturing Company, Lewiston, Maine, a corporation of Maine. BEDSPREADS. Class 42.

236,614. PINAKRYPTOL. Registered Dec. 20, 1927. H. A. Metz & Co., Inc., assignor to I. G. Farbenindustrie Aktiengesellschaft. Renewed Dec. 20, 1947, to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware. PHOTOGRAPHIC COLORS. Class 6.

236,676. "THE FEARLESS." Registered Dec. 20, 1927. Fearless Dishwasher Company, Inc., Rochester, N. Y., a corporation of New York. Renewed Dec. 20, 1947. DISHWASHING MACHINES. Class 23.

237,034. GROTESQUE FIGURE OF A PEANUT MAN. Registered Jan. 3, 1928. Planters Nut and Chocolate Co., Suffolk, Va. Renewed Jan. 3, 1948, to Planters Nut and Chocolate Co., Wilkes-Barre, Pa., a corporation of Pennsylvania. CHOCOLATE-COVERED PEANUTS. Class 46.

237,410. "EGYPTIAN SUPERIOR LACQUERS" AND DESIGN. Registered Jan. 10, 1928. The Egyptian Lacquer Manufacturing Company, New York, N. Y., a corporation of New Jersey. Renewed Jan. 10, 1948. LACQUERS, LACQUER ENAMELS, STAINS; POLISHES FOR AUTOMOBILES, FURNITURE, AND THE LIKE; GLAZES, THINNERS, AND OTHER NAMED PAINTS AND PAINTERS' MATERIALS. Class 16.

237,849. ROYAL LUXURY. Registered Jan. 17, 1928. R. J. Macartney Company, Lawrence, Mass., a corporation of Massachusetts. Renewed Jan. 17, 1948. MEN'S AND BOYS' SUITS, NEGLIGEE SHIRTS, AND LEATHER GLOVES. Class 39.

237,971. "WREN" ETC. AND DESIGN. Registered Jan. 24, 1928, Standard Hosiery Mills, Burlington, N. C. Renewed Jan. 24, 1948, to Chester H. Roth Co., Inc., New York, N. Y., a corporation of New York. HOSIERY. Class 39.

238,043. "KEDEX" AND HEAVY UNDERLINE. Registered Jan. 24, 1928. Ruth D. Miles, doing business as Miles Kedex Company, Lancaster, Mass. Renewed Jan. 24, 1948, to Ruth D. Miles, doing business as Miles Kedex Company, Leominster, Mass. WALLETS FOR KEYS AND KEY HOLDERS. Class 3.

238,319. "RED SEAL" ETC. AND DIAMOND ENCLOSED IN CIRCULAR DESIGN. Registered Feb. 7, 1928. Firth-Sterling Steel Company. Renewed Feb. 7, 1948, to Firth Sterling Steel & Carbide Corp., McKeesport, Pa., a corporation of Pennsylvania. STEEL BARS OF DIFFERENT SHAPES AND SIZES OR FORGINGS, BLOCKS, DISKS, AND PIECES OF STEEL. Class 14.

238,338. BLUE CHIP. Registered Feb. 7, 1928. Firth-Sterling Steel Company. Renewed Feb. 7, 1948, to Firth Sterling Steel & Carbide Corp., McKeesport, Pa., a corporation of Pennsylvania. STEEL BARS OF ALL SHAPES AND SIZES, BLOCKS, STEEL DISKS, FORGINGS, SHORT PIECES OF TOOL STEEL ADAPTED TO BE MADE UP INTO CUTTING BITS AND KNOWN TO THE TRADE AS TOOL BITS AND OTHER CERTAIN NAMED ARTICLES OF METALS, METAL CASTINGS, AND FORGINGS. Class 14.

238,900. "B. V. D." ENCLOSED IN RECTANGULAR OUTLINE ETC. Registered Feb. 14, 1928. The B. V. D. Company, Inc. Renewed Feb. 14, 1948, to The B. V. D. Corporation, Baltimore, Md., a corporation of Delaware. UNDERWEAR OF WOVEN AND TEXTILE FABRICS—NAMELY, SHIRTS, DRAWERS, AND UNION SUITS; AND OTHER NAMED ARTICLES OF CLOTHING. Class 39.

239,246. B. V. D. Registered Feb. 28, 1928. The B. V. D. Company, Inc. Renewed Feb. 28, 1948, to The B. V. D. Corporation, Baltimore, Md., a corporation of Delaware. UNDERWEAR OF WOVEN AND TEXTILE FABRICS—NAMELY, SHIRTS, DRAWERS, AND UNION SUITS; AND OTHER NAMED ARTICLES OF CLOTHING. Class 39.

239,311. SNICKERS. Registered Feb. 28, 1928. Mars Incorporated, doing business as Mar-O-Bar Company, Minneapolis, Minn. Renewed Feb. 28, 1948, to Mars, Incorporated, Chicago, Ill., a corporation of Delaware. CANDY COMPRISING CANDY BARS. Class 46.

240,188. "HARRIET CLARK'S" AND SILHOUETTE OF A MOTHERLY OLD LADY IN AN OVAL OUTLINE. Registered Mar. 20, 1928. E. J. Brach & Sons, Chicago, Ill., a corporation of Illinois. Renewed Mar. 20, 1948. CANDY. Class 46.

240,424. SPORTSMARK A & F CO OF THE NATION. Registered Mar. 27, 1928. Abercrombie & Fitch Company, New York, N. Y., a corporation of New York. Renewed Mar. 27, 1948. PLAYING CARDS, CHESS, CHECKERS, DOMINOES, DICE, LOTTO, PINOCHLE, COUNTERS, AND OTHER NAMED GAMES, TOYS, AND SPORTING GOODS. Class 22.

240,642. "THE NATIONAL SYSTEM" AND DRAWING. Registered Apr. 3, 1928. P. H. Magirl Foundry & Furnace Works. Renewed Apr. 3, 1948, to Magirl Foundry & Furnace Co., Bloomington, Ill., a corporation of Delaware. WARM-AIR HEATING, FORCE CIRCULATING, AND VENTILATING SYSTEMS AS A COMPLETE UNIT OR PARTS THEREOF EQUIPPED FOR COAL, GAS, OR OIL HEAT GENERATORS. Class 34.

241,209. CHA IN DEX. Registered Apr. 17, 1928. The Duradex Company. Renewed Apr. 17, 1948, to Duradex Incorporated, New York, N. Y., a corporation of New York. CARD INDEXES, GUIDE CARDS FOR CARD INDEXES, CARDS, AND INDEXES. Class 37.

241,320. MT. WHITNEY. Registered Apr. 24, 1928. Tule River Citrus Association, Success, Calif. Renewed Apr. 24, 1948, to Tule River Citrus Association, Porterville, Calif., a corporation of California. FRESH CITRUS FRUITS—NAMELY, ORANGES, LEMONS, GRAPEFRUIT; FRESH DECIDUOUS FRUITS—NAMELY, POMEGRANATES, PEACHES, AND QUINCES. Class 46.

241,327. MAID O'RAYON. Registered Apr. 24, 1928. Bear Mill Manufacturing Company, Inc., New York, N. Y., a corporation of New York. Renewed Apr. 24, 1948. FABRICS OF RAYON AND DRESS AND GARMENT LENGTHS OF THIS FABRIC. Class 42.

241,363. "INDEPENDENT BAKING CO." AND RECTANGULAR OUTLINE. Registered Apr. 24, 1928. Independent Baking Company. Renewed Apr. 24, 1948, to Independent Biscuits, Inc., Davenport, Iowa, a corporation of Ohio. CRACKERS, COOKIES, BISCUITS, WAFERS, AND PRETZELS. Class 46.

241,565. PIN DESIGN. Registered May 1, 1928. Sigma Nu Fraternity, Indianapolis, Ind., an association. Renewed May 1, 1948. WRITING PAPER AND ENVELOPES AND MEMORANDUM BLANKS; ALSO BUSINESS FORMS—NAMELY, PRINTED BLANK FORMS. Class 37.

241,566. PIN DESIGN. Registered May 1, 1928. Sigma Nu Fraternity, Indianapolis, Ind., an association. Renewed May 1, 1948. WRITING PAPER AND ENVELOPES AND MEMORANDUM BLANKS; ALSO BUSINESS FORMS—NAMELY, PRINTED BLANK FORMS. Class 37.

241,567. ΣN. Registered May 1, 1928. Sigma Nu Fraternity, Indianapolis, Ind., an association. Renewed May 1, 1948. WRITING PAPER AND ENVELOPES AND MEMORANDUM BLANKS; ALSO BUSINESS FORMS—NAMELY, PRINTED BLANK FORMS. Class 37.

241,568. SIGMA NU. Registered May 1, 1928. Sigma Nu Fraternity, Indianapolis, Ind., an association. Renewed May 1, 1948. WRITING PAPER AND ENVELOPES, AND MEMORANDUM BLANKS; ALSO BUSINESS FORMS—NAMELY, PRINTED BLANK FORMS. Class 37.

241,577. TRES CORONAS. Registered May 1, 1928. Westfeldt Brothers, New Orleans, La., a firm. Renewed May 1, 1948. GREEN COFFEE. Class 46.

241,804. "EL ORGULLO DE TEXAS" ETC. AND DRAWING. Registered May 8, 1928. Collin County Mill & Elevator Co., McKinney, Tex. Renewed May 8, 1948, to Tex-O-Kan Flour Mills Co., Dallas, Tex., a corporation of Delaware. WHEAT FLOUR. Class 46.

241,805. "FLOR DE McKINNEY" ETC. AND DRAWING. Registered May 8, 1928. Collin County Mill & Elevator Co., McKinney, Tex. Renewed May 8, 1948, to Tex-O-Kan Flour Mills Co., Dallas, Tex., a corporation of Delaware. WHEAT FLOUR. Class 46.

241,934. GLYCO-THYMOLINE. Registered May 8, 1928. Kress & Owen Company, New York, N. Y., a corporation of New York. Renewed May 8, 1948. FLUID ANTISEPTICS AND DEODORANTS. Class 6.

241,942. "BYCKSLY". Registered May 8, 1928. Byck Bros. & Company, Incorporated, Louisville, Ky., a corporation of Kentucky. Renewed May 8, 1948. WOMEN'S, MISSES', CHILDREN'S OUTER GARMENTS—NAMELY, DRESSES, WRAPS, COATS, SUITS, CAPES, SKIRTS, BLOUSES, SWEATERS, AND SCARFS, AND OTHER NAMED ARTICLES OF CLOTHING. Class 39.

241,979. BLUE RIBBON. Registered May 8, 1928. The Buckley, Newhall Company, New York, N. Y. Renewed May 8, 1948, to The Buckley, Newhall Company, Brooklyn, N. Y., a corporation of New York. ELECTRIC COFFEE AND TEA POTS AND PERCOLATORS, ELECTRIC DISHWASHING MACHINES AND OTHER NAMED ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES. Class 21.

241,985. "BLUE RIBBON" ETC. AND CIRCULAR DESIGN. Registered May 8, 1928. The Buckley, Newhall Company, New York, N. Y. Renewed May 8, 1948, to The Buckley, Newhall Company, Brooklyn, N. Y., a corporation of New York. RADIO APPARATUS AND PARTS THEREOF COMPRISING RADIO RECEIVING SETS, LOUD SPEAKERS, AND CERTAIN OTHER NAMED ELECTRICAL APPARATUS, MACHINES AND SUPPLIES. Class 21.

241,996. CREST. Registered May 8, 1928. The Crest Company, Chicago, Ill., a corporation of Illinois. Renewed May 8, 1948. LAMP SHADES OF SILK, METAL, PARCHMENT, CHINTZ, AND OTHER LIKE MATERIALS. Class 34.

242,011. CREMA DE TRIGO. Registered May 8, 1928. Cream of Wheat Company. Renewed May 8, 1948, to The Cream of Wheat Corporation, Minneapolis, Minn., a corporation of Delaware. WHEAT BREAKFAST FOOD. Class 46.

242,076. ROSS. Registered May 15, 1928. The Sydney Ross Co., Newark, N. J., a corporation of New Jersey. Renewed May 15, 1948. SOAP. Class 4.

242,435. ELMCO. Registered May 22, 1928. The Eclipse Lawn Mower Co., Prophetstown, Ill., a corporation of Illinois. Renewed May 22, 1948. LAWN MOWERS. Class 23.

TRADE-MARK REGISTRATIONS AMENDED, SURRENDERED, DISCLAIMED, CORRECTED, ETC.

315,684. BREVETTES. Registered Aug. 7, 1934. Rollins Hosiery Mills, Inc., Des Moines, Iowa. LADIES' UNDERWEAR. Class 39. Corrected as follows: In the original certificate, line 3, and in the statement, line 2, for "State of Iowa" read *State of Delaware.*

315,858. GRAND SLAM AND DESIGN. Registered Aug. 14, 1934. Rollins Hosiery Mills, Inc., Des Moines, Iowa. HOSIERY. Class 39. Corrected as follows: In the original certificate, line 3, and in the statement, line 2, for "State of Iowa" read *State of Delaware.*

322,995. SNOWFLAKE AND DESIGN. Registered Mar. 26, 1935. Veldown Company, Inc., New York, N. Y. SANITARY NAPKINS. Class 44. Corrected as follows: In the original certificate, line 4, and in the statement, line 2, for "State of Delaware" read *State of New York.*

360,998. VELDOWN. Registered Oct. 4, 1938. Veldown Company, Inc., New York, N. Y. CATAMENIAL BANDAGES. Class 44. Corrected as follows: In the original certificate, line 4, and in the statement, line 2, for "State of Delaware" read *State of New York.*

TRADE-MARK REGISTRATIONS REPUBLISHED

The following marks registered under the act of 1905, or the act of 1881, are published under the provisions of section 12(c) of the Trade-Mark Act of 1946. These registrations are not subject to opposition but are subject to cancellation under section 14 of the act of 1946.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Reg. No. 66,183. Registered Nov. 12, 1907. PETER HENDERSON & Co., New York, N. Y., a corporation of New Jersey. Republished by registrant.

HENDERSON

FOR AGRICULTURAL AND HORTICULTURAL SEEDS.
Claims use since 1865.

Reg. No. 183,092. Registered Apr. 22, 1924. WESTERN SEED GROWERS MARKETING CO., Salt Lake City, Utah. Republished by Northrup, King & Co., Minneapolis, Minn., a corporation of Minnesota.



FOR ALFALFA, RED CLOVER, ALSIKE CLOVER, WHITE CLOVER, SWEET CLOVER SEEDS.
Claims use since July 1, 1923.

Reg. No. 378,121. Registered May 28, 1940. CRANBERRY CANNERS, INC., South Hanson, Mass. Republished by National Cranberry Association, Hanson, Mass., a corporation of Delaware.

CRAN-COVER

The word "Cover" is disclaimed.
FOR CRANBERRY VINES WHICH HAVE BEEN TRIMMED AFTER THE CROP OF BERRIES HAS BEEN HARVESTED TO BE USED AS A PROTECTIVE COVER FOR PERENNIALS AND BULBS DURING THE FREEZING AND THAWING CONDITIONS OF THE WINTER MONTHS.
Claims use since Nov. 2, 1938.

Reg. No. 393,162. Registered Jan. 27, 1942. NORTHRUP, KING & Co., Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

SILOBRED

FOR SEED CORN.
Claims use since February 1941.

Reg. No. 403,282. Registered Sept. 14, 1943. GENERAL ANILINE & FILM CORPORATION, New York, N. Y., a corporation of Delaware. Republished by registrant.

POLECTRON

FOR ARTIFICIAL RESIN POLYMERS.
Claims use since Mar. 31, 1943.

Reg. No. 410,101. Registered Nov. 7, 1944. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

CEREX

FOR SYNTHETIC RESIN COMPOSITIONS IN THE FORM OF PARTICULATE SOLIDS SUITABLE FOR MOLDING.
Claims use since on or about May 11, 1944.

Reg. No. 411,133. Registered Jan. 2, 1945. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SYTON

FOR SILICA SOLS.
Claims use since about June 21, 1944.

Reg. No. 411,445. Registered Jan. 16, 1945. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

RESLOOM

FOR SYNTHETIC RESINS IN SOLUTION FORM.
Claims use since about July 24, 1944.

Reg. No. 423,431. Registered Sept. 3, 1946. RED JACKET COAL SALES COMPANY, Columbus, Ohio, a corporation of Delaware. Republished by registrant.



FOR COAL.
Claims use since Oct. 1, 1942.

CLASS 2

RECEPTACLES

Reg. No. 149,343. Registered Dec. 13, 1921. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

"ECONOMY"

FOR PARCEL-POST MAILING-ENVELOPES.
Claims use since Jan. 1, 1911.

Reg. No. 235,805. Registered Nov. 29, 1927. THE PARKERSBURG RIG AND REEL COMPANY, Parkersburg, W. Va., a corporation of West Virginia. Republished by registrant.



The lining denotes the colors red, green, and gold. The words appearing on the drawing except the name of the applicant corporation are disclaimed.
FOR STORAGE TANKS.
Claims use since Aug. 5, 1920.

Reg. No. 251,226. Registered Jan. 1, 1929. SCHULER-O'CONNEL GRAIN CO., Stockton, Calif. Republished by E. D. Wilkinson Grain Company, Stockton, Calif., a corporation of California.

DELTA

FOR GRAIN BAGS.
Claims use since May 26, 1928.

Reg. No. 266,776. Registered Feb. 4, 1930. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.



FOR FABRIC AND PAPER BAGS AND SACKS FOR CONTAINING PULVERIZED OR GRANULAR MATERIAL AND THE LIKE.
Claims use since July 1, 1925.

Reg. No. 266,777. Registered Feb. 4, 1930. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.



FOR FABRIC AND PAPER BAGS AND SACKS FOR CONTAINING PULVERIZED OR GRANULAR MATERIAL AND THE LIKE.
Claims use since July 1, 1929.

Reg. No. 367,612. Registered May 23, 1939. BEMIS BRO. BAG CO., St. Louis, Mo., a corporation of Missouri. Republished by registrant.

DURALOID

FOR PAPER BAGS.
Claims use since Oct. 1, 1935.

Reg. No. 372,169. Registered Oct. 24, 1939. GENERAL BOX COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

GENERALITE

FOR WOODEN BOXES FOR BOTTLED GOODS AND OTHER COMMODITIES.
Claims use since Mar. 18, 1939.

Reg. No. 374,730. Registered Jan. 23, 1940. A. H. WIRZ, INC., Chester, Pa., a corporation of Pennsylvania. Republished by registrant.

MONO-PAK

The word "Pak" is disclaimed.
FOR COLLAPSIBLE TUBES.
Claims use since July 28, 1939.

Reg. No. 393,425. Registered Feb. 10, 1942. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

DURAQUA

FOR PAPER BAGS.
Claims use since Feb. 28, 1941.

Reg. No. 417,757. Registered Nov. 13, 1945. GENERAL BOX COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

General

FOR CORRUGATED BOXES, WOODEN CRATES AND BOXES, AND COMBINATION OF WOOD AND FIBREBOARD CRATES AND BOXES.
Claims use since May 18, 1945.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Reg. No. 374,807. Registered Jan. 23, 1940. HARTMANN TRUNK COMPANY, Racine, Wis. Republished by Hartmann Company, Racine, Wis., a corporation of Wisconsin.

FLYABOUT

FOR SUIT-CASES AND WARDROBE HAND LUGGAGE.
Claims use since Sept. 12, 1939.

Reg. No. 384,564. Registered Jan. 21, 1941. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

PIONEER

FOR WALLETS KEY CONTAINERS, CARD HOLDERS, BILL-FOLDS, POCKET-BOOKS.
Claims use since Aug. 22, 1940.

Reg. No. 391,120. Registered Oct. 21, 1941. HARTMANN TRUNK COMPANY, Racine, Wis. Republished by Hartmann Company, Racine, Wis., a corporation of Wisconsin.

SKYLARK

FOR HAND LUGGAGE CASES EQUIPPED WITH GARMENT CARRYING FIXTURES, HAT BOXES, OVERNIGHT CASES, AND PULLMAN CASES.
Claims use since June 19, 1941.

Reg. No. 400,858. Registered Apr. 6, 1943. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

INVISI-BILL

The word "Bill" is disclaimed.
FOR WALLETS AND BILLFOLDS.
Claims use since Sept. 24, 1942.

Reg. No. 414,060. Registered May 22, 1945. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR WALLETS AND BILLFOLDS.
Claims use since Dec. 8, 1944.

Reg. No. 416,393. Registered Sept. 11, 1945. BROWN & BIGELOW, St. Paul, Minn., a corporation of Minnesota. Republished by registrant.

MISSION LEATHER

The word "Leather" is disclaimed.
FOR LEATHER GOODS—NAMELY, BILLFOLDS, WALLETS, KEY CASES, PORTFOLIOS, EMPTY COMB AND EMPTY FILE CASES, AND PHOTOGRAPH CASES.
Claims use since May 1, 1944.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Reg. No. 350,350. Registered Sept. 28, 1937. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

WHITE CROWN

FOR BULK SOAP CHIPS IN BARRELS AND PACKAGES.
Claims use since February 1909.

Reg. No. 380,867. Registered Sept. 3, 1940. DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

"Cert"

FOR ABRASIVE CLEANING COMPOUND.
Claims use since on or about Feb. 2, 1940.

Reg. No. 383,867. Registered Dec. 24, 1940. CAMPANA CORPORATION, Batavia, Ill. Republished by Campana Sales Company, Batavia, Ill., a corporation of Delaware.

OLD SOUTH

FOR TOILET SOAP.
Claims use since July 23, 1940.

Reg. No. 383,984. Registered Dec. 31, 1940. DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

"DYGEX"

FOR CLEANING COMPOUND—NAMELY, A COMPOUND FOR REMOVING GREASE.
Claims use since on or about July 5, 1940.

Reg. No. 392,523. Registered Dec. 30, 1941. THE HEWITT SOAP COMPANY, INC., Dayton, Ohio, a corporation of Ohio. Republished by registrant.

Soap Treasures

The word "Soap" is disclaimed.
FOR TOILET SOAPS.
Claims use since July 15, 1941.

Reg. No. 396,827. Registered Aug. 4, 1942. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

IVORY SOAP PROCTER & GAMBLE

The drawing is lined for the color blue. The word "Soap" is disclaimed.
FOR SOAP.
Claims use since October 1939.

Reg. No. 401,417. Registered May 18, 1943. LEE H. THOMPSON, doing business as Southern Supply Company, Pasadena, Calif. Republished by Southern Supply Co., Pasadena, Calif., a firm.

CHEM-CREAM

The word "Cream" is disclaimed.
FOR WASHING PREPARATIONS—NAMELY, WASHES FOR AUTOMOBILES, TRUCK BODIES, AND AIRPLANES.
Claims use since Jan. 15, 1939.

Reg. No. 407,632. Registered June 13, 1944. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

P AND G

FOR SOAP.
Claims use since Jan. 1, 1905.

Reg. No. 409,174. Registered Sept. 19, 1944. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

dreft

FOR SUDSING CLEANER, CLEANSER, AND DETERGENT.
Claims use since Oct. 10, 1933.

Reg. No. 409,860. Registered Oct. 24, 1944. CAMPANA SALES COMPANY, Batavia, Ill., a corporation of Delaware. Republished by registrant.

ANJOU

FOR TOILET SOAP.
Claims use since May 26, 1944.

Reg. No. 411,068. Registered Jan. 2, 1945. GRAY COMPANY, INC., Minneapolis, Minn., a corporation of South Dakota. Republished by registrant.

GRACO

G-A

FOR PREPARATION COMPRISING AN ABSORBENT POWDERED MATERIAL RESEMBLING FULLER'S EARTH, ADAPTED TO REMOVE OIL AND GREASE FROM FLOORS BY ABSORPTION, AND TO PREVENT SLIPPING.
Claims use since November 1938.

Reg. No. 411,662. Registered Jan. 30, 1945. THE HEWITT SOAP COMPANY, INC., Dayton, Ohio, a corporation of Ohio. Republished by registrant.

Blossom Time

FOR SOAP.
Claims use since March 1941.

Reg. No. 413,703. Registered May 8, 1945. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

BONUS

FOR SOAP.
Claims use since Oct. 9, 1944.

CLASS 5

ADHESIVES

Reg. No. 408,349. Registered Aug. 8, 1944. I. F. LAUCKS, INC., Seattle, Wash. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.

SPOTWELD

FOR GLUES.
Claims use since Aug. 24, 1943.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Reg. No. 233,018. Registered Sept. 20, 1927. NATIONAL ANILINE & CHEMICAL COMPANY, INCORPORATED, New York, N. Y. Republished by Allied Chemical & Dye Corporation, New York, N. Y., a corporation of New York, by merger.

DIAZINE

FOR DYESTUFFS.
Claims use since some time in 1914.

Reg. No. 233,059. Registered Sept. 20, 1927. NATIONAL ANILINE & CHEMICAL COMPANY, INCORPORATED, New York, N. Y. Republished by Allied Chemical & Dye Corporation, New York, N. Y., a corporation of New York, by merger.

SULFINDONE

FOR DYESTUFFS.
Claims use since October 1921.

Reg. No. 235,641. Registered Nov. 22, 1927. NATIONAL ANILINE & CHEMICAL COMPANY, INCORPORATED, New York, N. Y. Republished by Allied Chemical & Dye Corporation, New York, N. Y., a corporation of New York, by merger.

BUFFALO

FOR DYESTUFFS.
Claims use since January 1887.

Reg. No. 238,237. Registered Jan. 31, 1928. ELMO, INC., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

"Kohl-Mo"

FOR PREPARATIONS FOR TREATING AND COLORING EYELASHES AND EYEBROWS.
Claims use since Sept. 16, 1927.

Reg. No. 319,259. Registered Nov. 20, 1934. SATISH C. GHOSE, Chicago, Ill. Republished by registrant.

fragrant night

The word "Fragrant" is disclaimed.
FOR INCENSE, EITHER LIQUID, SOLID OR POWDERED FORM, FACE POWDER, TALCUM POWDER, ROUGE, LIPSTICK, PERFUME, TOILET WATER, FACE CREAM, COLD CREAM, VANISHING CREAM, DEODORANTS, ANTIPERSPIRANT, EYEBROW PASTE, ASTRINGENT, FOUNDATION CREAM, CLEANSING CREAM, HAND CREAM, SKIN WHITENER, AND BRILLIANTINE.
Claims use since June 1932.

Reg. No. 344,036. Registered Mar. 9, 1937. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

IOFLOW

FOR MIXTURE CONTAINING POTASSIUM IODIDE USED FOR ADDING IODINE TO FOODS.
Claims use since Oct. 13, 1936.

Reg. No. 352,501. Registered Nov. 30, 1937. SATISH C. GHOSE, Chicago, Ill. Republished by registrant.

INCENCIGARET

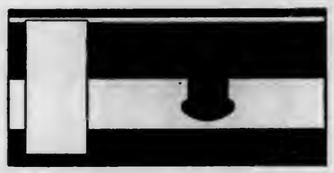
FOR INCENSE IN CIGARETTE FORM.
Claims use since Mar. 1, 1936.

Reg. No. 357,125. Registered May 24, 1938. CAMPANA CORPORATION, Batavia, Ill., a corporation of Delaware. Republished by registrant.

Coolies

FOR ASTRINGENT.
Claims use since Nov. 22, 1937.

Reg. No. 361,161. Registered Oct. 11, 1938. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo., a corporation of Missouri. Republished by registrant.



FOR MOTH KILLERS AND ROACH KILLERS, BOTH IN POWDER FORM.
Claims use since April 1935.

Reg. No. 370,550. Registered Aug. 29, 1939. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SANTOMASK

FOR AROMATIC SUBSTANCES TO BE ADDED TO INDUSTRIAL PRODUCTS TO IMPROVE THE ODOR THEREOF.
Claims use since about Feb. 4, 1939.

Reg. No. 374,943. Registered Jan. 30, 1940. THE SINCLAIR MANUFACTURING COMPANY, Toledo, Ohio. Republished by H. M. Sinclair, Jr., trustee for The Sinclair Manufacturing Company, Toledo, Ohio, a partnership.

WHITE MONDAY



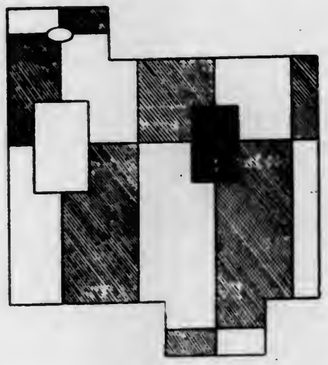
The word "White" is disclaimed.
FOR BLEACHING AND DISINFECTING SOLUTIONS.
Claims use since July 29, 1937.

Reg. No. 375,522. Registered Feb. 20, 1940. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

STYMIE

FOR DEODORANT FOR MEN.
Claims use since Sept. 12, 1939.

Reg. No. 376,826. Registered Apr. 9, 1940. CAMPANA CORPORATION, Batavia, Ill., a corporation of Delaware. Republished by registrant.



The drawing is lined for green and the black, white and green color scheme is an essential feature of the mark.
FOR LOTIONS FOR THE SKIN.
Claims use since Feb. 10, 1932.

Reg. No. 376,827. Registered Apr. 9, 1940. CAMPANA CORPORATION, Batavia, Ill., a corporation of Delaware. Republished by registrant.

Campana
Italian

FOR LOTIONS FOR THE SKIN.
Claims use since June 28, 1939.

Reg. No. 377,475. Registered May 7, 1940. DR. PETER FAHRNEY & SONS CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.



All the wording except "Forni's" "Magolo," "1780," "P. Fahrney, M. D.," and "Dr. Peter Fahrney & Sons Co.," is disclaimed.
FOR PREPARATION FOR ACUTE, RELAXED, AND DISTURBED CONDITION OF THE STOMACH AND BOWELS.
Claims use since July 25, 1939.

Reg. No. 377,476. Registered May 7, 1940. Dr. PETER FAHRNEY & SONS CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.



All the wording is disclaimed except "Dr. Peters," "Magolo," "1780," "P. Fahrney M. D.," and "Dr. Peter Fahrney & Sons Co."
FOR A PREPARATION FOR ACUTE, RELAXED, AND DISTURBED CONDITIONS OF THE STOMACH AND BOWELS.
Claims use since July 27, 1939.

Reg. No. 377,563. Registered May 7, 1940. JONATHAN P. B. FISKE, Auburndale, Mass. Republished by Fiske Inc., Waltham, Mass., a corporation of Massachusetts.

FIRE MAGIC

FOR FLAME COLORING MATERIAL.
Claims use since September 1939.

Reg. No. 378,593. Registered June 11, 1940. GENERAL ANILINE & FILM CORPORATION, Binghamton, N. Y., a corporation of Delaware. Republished by registrant, present location New York, N. Y.

ANSCO

FOR CHEMICALS AND PREPARATIONS AND COMPOUNDS THEREOF USED IN PHOTOGRAPHIC PROCESSES.
Claims use since July 1, 1902.

Reg. No. 383,839. Registered Dec. 24, 1940. CAMPANA CORPORATION, Batavia, Ill. Republished by Campana Sales Company, Batavia, Ill., a corporation of Delaware.

OLD SOUTH

Cotton Blossom

FOR LOTIONS FOR THE SKIN.
Claims use since July 9, 1940.

Reg. No. 391,642. Registered Nov. 18, 1941. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

STABILIDE

FOR STABILIZED ASSIMILABLE IODIDE-CONTAINING SUBSTANCES.
Claims use since May 16, 1941.

Reg. No. 393,106. Registered Jan. 27, 1942. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

PROPAZONE

FOR SUBSTITUTED OXAZOLEDIONES AND SALTS THEREOF USEFUL AS HYPNOTICS AND ANAESTHETICS.
Claims use since July 11, 1941.

Reg. No. 398,059. Registered Oct. 6, 1942. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

METHASAN

FOR COMPOUNDS USED AS VULCANIZATION ACCELERATORS IN THE CURING OF RUBBER ARTICLES.
Claims use since about Apr. 29, 1942.

Reg. No. 400,173. Registered Feb. 16, 1943. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

THIOFIDE

FOR DIBENZOTHIAZYL DISULFIDE USED AS A VULCANIZATION ACCELERATOR IN THE CURING OF RUBBER ARTICLES.
Claims use since about June 6, 1935.

Reg. No. 401,927. Registered June 15, 1943. FLOWER FOODS, INC., Maywood, Ill., a corporation of Illinois. Republished by registrant.

ROSELIFE

FOR COMPOSITION CONTAINING CHEMICAL INGREDIENTS FOR STRENGTHENING, FEEDING, AND PROMOTING THE DEVELOPMENT OF CUT PLANTS.
Claims use since July 29, 1926.

Reg. No. 403,275. Registered Sept. 14, 1943. CAMPANA CORPORATION, Batavia, Ill., a corporation of Delaware. Republished by registrant.

Solitair

The right to exclusive use of a circular label or a pink label is disclaimed apart from the mark.
FOR MAKE-UP PREPARATION.
Claims use since Feb. 18, 1943.

Reg. No. 406,680. Registered Apr. 18, 1944. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

drene

FOR SHAMPOO.
Claims use since Oct. 25, 1933.

Reg. No. 412,639. Registered Mar. 20, 1945. E. S. MILLER LABORATORIES, INC., Los Angeles, Calif., a corporation of California. Republished by registrant.

TESTRONE

FOR MEDICINAL PREPARATION WHOSE ACTIVE CONSTITUENTS ARE COMPOSED SOLELY OF NATURAL ANDROGENS DERIVED FROM MAMMALIAN TESTIS MATERIAL INDICATED FOR THOSE SYMPTOMS ASSOCIATED WITH THE MALE CLIMACTERIC, DYSMENORRHEA, MENOMETRORRHAGIA AND IN THE INHIBITION OF LACTATION.
Claims use since Feb. 26, 1942.

Reg. No. 412,940. Registered Apr. 3, 1945. CAMPANA SALES COMPANY, Batavia, Ill., a corporation of Delaware. Republished by registrant.

ANJOU

FOR COLOGNES AND PERFUMERY.
Claims use since May 26, 1944.

Reg. No. 418,214. Registered Dec. 11, 1945. CAMPANA CORPORATION, Batavia, Ill., a corporation of Delaware. Republished by registrant.

FASHION POINT

FOR LIPSTICK.
Claims use since Nov. 14, 1944.

Reg. No. 423,751. Registered Sept. 10, 1946. ELGIN SOFTENER CORPORATION, Elgin, Ill., a corporation of Illinois. Republished by registrant.

ELGEX

FOR PREPARATIONS FOR USE IN TREATMENT OF WATER AND STEAM FOR THE PURPOSE OF PREVENTING CORROSION.
Claims use since Feb. 11, 1943.

CLASS 11

INKS AND INKING MATERIALS

Reg. No. 387,505. Registered May 20, 1941. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

ALL-IN-ONE

FOR CARBON PAPERS AND TYPEWRITER RIBBONS.
Claims use since May 31, 1928.

Reg. No. 387,506. Registered July 5, 1947. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

BALANCED

FOR CARBON PAPERS AND TYPEWRITER RIBBONS.
Claims use since July 24, 1934.

CLASS 12

CONSTRUCTION MATERIALS

Reg. No. 233,048. Registered Sept. 20, 1927. THE WOODVILLE LIME PRODUCTS COMPANY, Toledo, Ohio, a corporation of Ohio. Republished by registrant.

BLUE BAND

FOR LIME.
Claims use since Dec. 31, 1926.

Reg. No. 237,551. Registered Jan. 10, 1928. THE PARKERSBURG RIG AND REEL COMPANY, Parkersburg, W. Va., a corporation of West Virginia. Republished by registrant.



The drawing is lined for the colors green, gold, and red. The words appearing on the drawing except the name of the applicant corporation are disclaimed.
FOR BELT HOUSES, ENGINE HOUSES, BULL-WHEEL HOUSES, PUMP HOUSES, AND STAIRWAYS FOR TANK BATTERIES.
Claims use since Aug. 5, 1920.

Reg. No. 282,593. Registered Apr. 28, 1931. THE PRESS-TITE ENGINEERING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

ENAMELITE

FOR ASPHALT COMPOUNDED WITH OTHER INGREDIENTS FOR USE IN PRODUCING A CEMENT.
Claims use since May 1, 1929.

Reg. No. 370,950. Registered Sept. 12, 1939. HOWE & FRENCH, INC., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

SYNTHE-WOOD

The word "Wood" is disclaimed.
FOR CEMENTITIOUS MATERIAL CONSISTING OF WOOD IN PASTE FORM WHICH HARDENS WHEN EXPOSED TO AIR.
Claims use since May 29, 1931.

Reg. No. 374,726. Registered Jan. 23, 1940. KEASBEY & MATTISON COMPANY, Ambler, Pa., a corporation of Pennsylvania. Republished by registrant.



The words "Best in Asbestos" are disclaimed.
FOR ASBESTOS CEMENTS, ASBESTOS PAPERS, ASBESTOS MILL BOARD, WOOL FELT INSULATION, FURNACE COVERINGS, ASBESTOS BOARDS, SLABS, TILES, SHEETS AND SIDINGS, WALLBOARDS, PIPE COVERINGS, BLOCK INSULATION, ASBESTOS LUMBER, MINERAL WOOL, HAIR FELT, MAGNESIA INSULATION COMPRISING MAGNESIUM AND ASBESTOS FIBRE, AND COMPOSITION BOARDS.
Claims use since about Oct. 1, 1937.

Reg. No. 378,028. Registered May 21, 1940. KEASBEY & MATTISON COMPANY, Ambler, Pa., a corporation of Pennsylvania. Republished by registrant.

"Century" BOARD

The word "Board" is disclaimed.
FOR FIRE RESISTANT BUILDING BOARDS, INSULATING AND SOUND DEADENING BOARDS, COMPOSITION BOARDS, AND PARTICULARLY ADAPTED FOR USE AS A BUILDING MATERIAL, PARTITIONS, STEAMSHIP INTERIOR CONSTRUCTION MATERIALS AND FOR OTHER BUILDING AND CONSTRUCTION PURPOSES.
Claims use since about Nov. 16, 1939.

Reg. No. 395,473. Registered May 26, 1942. ARMSTRONG CORK COMPANY, Manheim Township, Lancaster County, Pa., a corporation of Pennsylvania. Republished by registrant.

CUSHIONTONE

FOR FIBROUS ACOUSTICAL INSULATING MATERIAL.
Claims use since July 21, 1941.

Reg. No. 402,277. Registered July 13, 1943. KEASBEY & MATTISON COMPANY, Ambler, Pa., a corporation of Pennsylvania. Republished by registrant.

K&M "Century" APAC BOARD

The word "Board" is disclaimed.
FOR ASBESTOS BOARDS, ASBESTOS SHEETS, ASBESTOS LUMBER, AND ASBESTOS BUILDING MATERIALS IN FLAT AND SHEET FORM.
Claims use since Sept. 25, 1942.

Reg. No. 407,792. Registered June 27, 1944. PAGE & HILL CO., Minneapolis, Minn., a corporation of Delaware. Republished by registrant.

PENTA

FOR TREATED WOOD POLES FOR THE SUPPORT OF POWER LINES AND COMMUNICATION LINES.
Claims use since Sept. 5, 1941.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Reg. No. 149,347. Registered Dec. 13, 1921. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.

WIZARD SWIVEL

The word "Swivel" is disclaimed.
FOR CASTERS.
Claims use since January 1919.

Reg. No. 149,348. Registered Dec. 13, 1921. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.

UNIVERSAL

FOR CASTERS.
Claims use since 1904.

Reg. No. 150,727. Registered Jan. 10, 1922. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.

The Neglected Inch

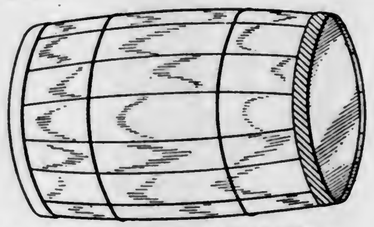
FOR CASTERS.
Claims use since May 13, 1921.

Reg. No. 211,388. Registered Apr. 13, 1926. THE WAGNER MANUFACTURING COMPANY, Sidney, Ohio, a corporation of Ohio. Republished by registrant.

WAGNER

FOR POTS, KETTLES, TEA KETTLES, PANS, BAKING PANS, SAUCEPANS, FRYING PANS, SKILLETS, ROASTERS, DUTCH OVENS, STEAM COOKERS, WAFFLE IRONS, GRIDDLES, AND PERCOLATORS.
Claims use since 1891.

Reg. No. 233,175. Registered Sept. 27, 1927. KEYSTONE STEEL & WIRE COMPANY, South Bartonville, Peoria, Ill., a corporation of Illinois. Republished by registrant.



The representation of the keg is disclaimed.
FOR NAILS.
Claims use since Apr. 15, 1927.

Reg. No. 234,403. Registered Oct. 25, 1927. KEYSTONE STEEL & WIRE COMPANY, South Bartonville, Peoria, Ill., a corporation of Illinois. Republished by registrant.

GREEN TIP

FOR BALE TIES.
Claims use since on or about Apr. 5, 1927.

Reg. No. 238,257. Registered Jan. 31, 1928. KEYSTONE STEEL & WIRE COMPANY, South Bartonville, Peoria, Ill., a corporation of Illinois. Republished by registrant.

Red Line

FOR WIRE FENCE.
Claims use since July 26, 1927.

Reg. No. 391,965. Registered Dec. 2, 1941. CONTINENTAL COFFEE COMPANY, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.

CONTINENTAL

FOR COFFEE URNS.
Claims use since January 1933.

Reg. No. 395,433. Registered May 26, 1942. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.

BACO-SOL

FOR FURNITURE CASTER WHEELS.
Claims use since on or about Aug. 1, 1941.

Reg. No. 417,471. Registered Oct. 30, 1945. HILL-SHAW COMPANY, Chicago, Ill. Republished by Hill-Shaw Company, Chicago, Ill., a corporation of Delaware.

VACULATOR

FOR ALUMINUM AND STAINLESS STEEL UPPER BOWLS FOR VACUUM TYPE COFFEE BREWERS, AND RUBBER BUSHINGS, AND MOLDED PLASTIC HANDLES FOR VACUUM TYPE COFFEE BREWERS.
Claims use since about 1932 on aluminum upper bowls; since about 1938 on stainless steel upper bowls; and since about September 1930 on rubber bushings and handles.

Reg. No. 418,882. Registered Jan. 15, 1946. FEDERAL ELECTRIC COMPANY INC., Chicago, Ill., a corporation of New York. Republished by registrant.

FEDRALITE

FOR PLASTIC PIPE AND TUBING.
Claims use since Sept. 8, 1940.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Reg. No. 233,751. Registered Oct. 11, 1927. ACME STEEL COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

SilverStitch

FOR GALVANIZED STAPLING WIRE.
Claims use since Apr. 5, 1927.

Reg. No. 234,322. Registered Oct. 25, 1927. WILLIAMS AND COMPANY, INC., Pittsburgh, Pa., a corporation of Pennsylvania. Republished by registrant.

WELDFLO

FOR WELDING WIRE ADAPTED TO BE DEPOSITED ON A METAL ARTICLE IN THE PROCESS OF WELDING.
Claims use since Nov. 16, 1926.

Reg. No. 369,959. Registered Aug. 8, 1939. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill., a corporation of New Jersey. Republished by registrant.



FOR FERROUS METAL CASTINGS AND FORGINGS.
Claims use since on or about Mar. 1, 1906.

Reg. No. 395,921. Registered June 16, 1942. KLOSTER STEEL CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

V-76

FOR DIE AND TOOL STEEL.
Claims use since August 1936.

Reg. No. 397,914. Registered Sept. 29, 1942. THE SYMINGTON-GOULD CORPORATION, Rochester, N. Y., a corporation of Maryland. Republished by registrant.



FOR CARBON STEEL, ALLOY STEEL, SEMISTEEL, MALLEABLE AND GREY IRON CASTINGS.
Claims use since October 1908.

Reg. No. 419,588. Registered Feb. 26, 1946. DODGE MANUFACTURING CORPORATION, Mishawaka, Ind., a corporation of Indiana. Republished by registrant.



FOR CASTINGS COMPRISING PARTS FOR POWER-TRANSMISSION MACHINERY—NAMELY, CAST IRON SHAFT SUPPORTS, SHAFT HANGERS, BEARING HOUSINGS AND SUPPORTS, GEARS, SPROCKETS, PULLEYS, SHEAVES, COLLARS, CLUTCH PARTS AND SHAFT-COUPLING PARTS; AND PARTS FOR ELEVATING AND CONVEYING MACHINERY—NAMELY, CAST IRON CONVEYER ROLLS AND CONVEYER ROLL SUPPORTS, BUT NOT INCLUDING TEXTILE MACHINERY OR SPECIAL PARTS SPECIFICALLY INTENDED FOR USE THEREWITH.
Claims use since July 15, 1903.

CLASS 15

OILS AND GREASES

Reg. No. 254,907. Registered Apr. 2, 1929. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

DARK POCO

The word "Dark" is disclaimed.
FOR LUBRICATING OILS.
Claims use since Sept. 10, 1924.

Reg. No. 396,570. Registered July 28, 1942. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

POCOTOL

FOR LUBRICATING OIL.
Claims use since Aug. 1, 1931.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Reg. No. 232,759. Registered Sept. 13, 1927. RÖHM & HAAS COMPANY, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

ORTHO-CLEAR

The word "Clear" is disclaimed.
FOR CELLULOSE-ESTER LACQUERS.
Claims use since Jan. 8, 1927.

Reg. No. 235,296. Registered Nov. 15, 1927. THE MORGAN COMPANY, Peoria, Ill. Republished by Hockaday, Inc., Chicago, Ill., a corporation of Illinois, by merger.

MORALIN

FOR PASTE PAINT.
Claims use since about May 1, 1921.

Reg. No. 235,850. Registered Nov. 29, 1927. TRUE-TAGG PAINT COMPANY, Memphis, Tenn., a corporation of Tennessee. Republished by registrant.

TRU-LAC

The word "Lac" is disclaimed.
FOR BRUSHING LACQUERS, PREPARED SHELLAC SUBSTITUTES, AND VARNISHES.
Claims use since about Jan. 1, 1920.

Reg. No. 349,406. Registered Aug. 24, 1937. I. F. LAUCKS, INC., Seattle, Wash. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.

LAUX REZ

FOR UNDER OR PRIMING COAT FOR WOOD, CEMENT, PLASTER OR BRICK, AND FOR A FILLER, SEALER, AND GRAIN RAISING INHIBITOR FOR LUMBER AND PLYWOOD.
Claims use since Apr. 21, 1937.

Reg. No. 350,790. Registered Oct. 5, 1937. I. F. LAUCKS, INC., Seattle, Wash. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.

REZ-I-TEX

FOR READY MIXED, DRY, PASTE, AND POWDERED PAINTS—VIZ., FLAT PAINTS AND GLOSS PAINTS, AND FOR WALL TEXTURE OR STIPPLING FORMING MATERIAL.
Claims use since June 10, 1937.

Reg. No. 391,784. Registered Nov. 25, 1941. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.



The words "Liquid Wax" are disclaimed. The drawing is lined for the color blue.
FOR PREPARED LIQUID WAX FOR POLISHING FLOORS, WOODWORK, ETC.
Claims use since on or about Jan. 17, 1941.

Reg. No. 417,619. Registered Nov. 6, 1945. CORK IMPORT CORPORATION, New York, N. Y., a corporation of Delaware. Republished by registrant, present location, Englewood, N. J.

NOVOID

FOR ASPHALTIC PAINTS, AND ASPHALTIC PRIMING AND SEALING PAINTS.
Claims use since on or about Dec. 1, 1938.

CLASS 19

VEHICLES

Reg. No. 239,162. Registered Feb. 21, 1928. HUNT-SPILLER MANUFACTURING CORPORATION, Boston, Mass., a corporation of Massachusetts. Republished by registrant.

HSGI

FOR BRAKE DRUMS AND BRAKE DISCS FOR AUTOMOTIVE VEHICLES AND OTHER APPARATUS.
Claims use since on or about Jan. 1, 1923.

CLASS 20

LINOLEUM AND OILED CLOTH

Reg. No. 423,610. Registered Sept. 3, 1946. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant.

AIROFLOR

FOR LIGHTWEIGHT FLOOR, WALL AND SIMILAR SURFACE COVERINGS OF THE LINOLEUM TYPE.
Claims use since about Sept. 4, 1935.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Reg. No. 260,926. Registered Sept. 3, 1929. THE BUDA COMPANY, Chicago and Harvey, Ill., a corporation of Illinois. Republished by registrant, present location, Harvey, Ill.

BUDA DIESELIGHT

The word "Dieselight" is disclaimed.
FOR ELECTRIC LIGHT AND POWER GENERATING SETS.
Claims use since Aug. 10, 1928.

Reg. No. 351,355. Registered Oct. 26, 1937. GLOBE-UNION INC., Milwaukee, Wis., a corporation of Delaware. Republished by registrant.

SPINTEX

FOR STORAGE BATTERIES AND SEPARATOR PLATES FOR STORAGE BATTERIES.
Claims use since Nov. 2, 1936.

Reg. No. 361,642. Registered Oct. 25, 1938. DYNAMATIC CORPORATION, Kenosha, Wis., a corporation of Delaware. Republished by registrant.

VARIOSYN

FOR ELECTRIC MOTORS.
Claims use since June 2, 1938.

Reg. No. 365,866. Registered Mar. 21, 1939. DYNAMATIC CORPORATION, Kenosha, Wis., a corporation of Delaware. Republished by registrant.

VARIO-MOTOR

The word "Motor" is disclaimed.
FOR ELECTRIC MOTORS.
Claims use since May 25, 1938.

Reg. No. 380,181. Registered Aug. 13, 1940. AUTOMATIC PRODUCTS COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

FOR ELECTRIC SOLENOIDS, TRANSFORMERS, CONVERTERS, AND CONDENSERS.
Claims use since Oct. 6, 1931.

Reg. No. 386,447. Registered June 20, 1939. APPLETON ELECTRIC COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

LOXBOX

FOR CONNECTORS FOR SECURING CABLES OR CONDUITS TO OUTLET BOXES OR CONNECTION BOXES.
Claims use since Jan. 4, 1939.

Reg. No. 390,430. Registered Sept. 23, 1941. DYNAMATIC CORPORATION, Kenosha, Wis., a corporation of Delaware. Republished by registrant.

DYNAVARIO

FOR ELECTRICAL GOVERNORS FOR MOTORS.
Claims use since Mar. 26, 1941.

Reg. No. 392,634. Registered Jan. 6, 1942. THE EDWIN F. GUTH COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

FUTURLITER

FOR ELECTRIC LIGHTING EQUIPMENT AND MORE PARTICULARLY LIGHT FIXTURES.
Claims use since Apr. 15, 1941.

Reg. No. 403,807. Registered Oct. 19, 1943. AMERICAN PHENOLIC CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

COPOLENE

FOR ELECTRICAL CABLE.
Claims use since September 1941.

Reg. No. 409,963. Registered Oct. 31, 1944. HARNISCHFEGER CORPORATION, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

P & H

FOR ELECTRICAL MOTORS, ELECTRICAL BRAKES, ELECTRICAL LIMIT SWITCHES, ELECTRICAL DRUM CONTROLS, ELECTRICAL DIAL CONTROLS, FULL MAGNETIC ELECTRICAL CONTROLS, ELECTRICAL RESISTORS, VARIABLE SPEED PUSH BUTTON ELECTRICAL CONTROLS, PROTECTIVE ELECTRICAL PANELS AND HIGH SPEED LOWERING ELECTRICAL RELAYS.
Claims use since Dec. 24, 1917.

Reg. No. 412,286. Registered Feb. 27, 1945. FEDERAL ELECTRIC COMPANY, INC., Chicago, Ill., a corporation of New York. Republished by registrant.

FOR ELECTRIC SOCKETS; ELECTRIC BUSHINGS; ELECTRIC SIGNS; ELECTRIC ADVERTISING DISPLAYS; ELECTRIC ALARMS, BELLS, HORNS, SIRENS AND SIGNALS; ELECTRIC OSCILLATING LIGHTS; FLUORESCENT LIGHTING FIXTURES; CENTRAL STATION TRANSMITTERS; ELECTRIC UNIFORM TIMING RELAYS; ELECTRIC TRANSMITTER AND ALARM BOX CODE WHEELS; FIRE ALARM BATTERIES; PUSH BUTTONS FOR ELECTRICAL APPLIANCES; COLD CATHODE ELECTRIC DISCHARGE LAMPS; ELECTRIC LINE RELAYS; ELECTRIC ROTARY AIR COMPRESSORS; MAGNETIC STARTERS FOR SIRENS; ELECTRIC LINE RELAYS AND RECTIFIERS; ELECTRIC THERMAL FLASHERS; ELECTRIC FIRE ALARM TIMERS; ELECTRICAL APPARATUS FOR FIRE ALARM SIGNAL TELEGRAPHING; HIGH-FREQUENCY INDUCTION HEATERS; ELECTRIC RESISTORS; AND SEALED ELECTRICAL RELAYS.
Claims use on electric sockets since November 1903; on electric bushings since December 1905; on electric signs since October 1911; and other dates on various articles.

Reg. No. 416,719. Registered Sept. 25, 1945. ERIE RESISTOR CORPORATION, Erie, Pa., a corporation of Pennsylvania. Republished by registrant.

FOR ELECTRICAL RESISTORS AND ELECTRICAL CONDENSERS.
Claims use since May 28, 1941.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Reg. No. 70,994. Registered Oct. 20, 1908. E. J. MARTIN'S SONS, Rockville, Conn. Republished by The Horton Manufacturing Company, Bristol, Conn., a corporation of Connecticut.

KINGFISHER.

FOR FISHING-LINES.
Claims use since 1882.

Reg. No. 135,263. Registered Sept. 28, 1920. THE HORTON MANUFACTURING COMPANY, Bristol, Conn., a corporation of Connecticut. Republished by registrant.

LUCKIE

FOR FISHING-LINES.
Claims use since Jan. 21, 1920.

Reg. No. 303,259. Registered May 16, 1933. THE HORTON MANUFACTURING COMPANY, Bristol, Conn., a corporation of Connecticut. Republished by registrant.

Bristol

FOR FISHING LINES, STEEL SHAFTS FOR GOLF CLUBS, FISHING REELS, AND GOLF CLUBS.
Claims use since Jan. 21, 1920, in connection with fishing lines; since Dec. 9, 1921, in connection with steel shafts for golf clubs; since July 15, 1931, in connection with fishing reels; and since Dec. 9, 1921, in connection with golf clubs.

Reg. No. 383,070. Registered Nov. 19, 1940. THE AMERICAN FORK & HOE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

DYNAMIC

FOR FISHING RODS, FISHING ROD HANDLES, FISHING ROD CASES, FISHING REELS, RUBBER GRIPS FOR FISHING ROD HANDLES, GOLF CLUBS, GOLF CLUB SHAFTS, GOLF CLUB HEADS, SKIS, SNOWSHOES, BOWS FOR ARCHERY, ARROWS, BOWSTRINGS AND ARCHERY TARGETS.
Claims use since May 1, 1940.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Reg. No. 65,063. Registered Sept. 3, 1907. WILLIAM M. DUDGEON, executor of Richard Dudgeon, New York, N. Y. Republished by Richard Dudgeon, Inc., New York, N. Y., a corporation of New York.

UNIVERSAL

FOR HYDRAULIC JACKS.
Claims use since Nov. 1, 1906.

Reg. No. 65,066. Registered Sept. 3, 1907. WILLIAM M. DUDGEON, executor of Richard Dudgeon, New York, N. Y. Republished by Richard Dudgeon, Inc., New York, N. Y., a corporation of New York.



FOR HYDRAULIC JACKS.
Claims use since Nov. 1, 1906.

Reg. No. 65,611. Registered Oct. 8, 1907. JNO. HY. ANDREW & Co. LD., Sheffield, England. Republished by Andrews Toledo Ltd., Sheffield, England, a company incorporated under the laws of the United Kingdom of Great Britain.



FOR MACHINE KNIVES, MACHINE TOOLS, TWIST DRILLS, AND MILLING AND OTHER CUTTERS.
Claims use since 1883.

Reg. No. 66,207. Registered Nov. 12, 1907. PETER HENDERSON & Co., New York, N. Y., a corporation of New Jersey. Republished by registrant.

HENDERSON

FOR LAWN MOWERS.
Claims use since 1865.

Reg. No. 200,447. Registered June 30, 1925. TURNER DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



The words and letters "Louisville, Ky., U. S. A." are disclaimed.
FOR WOODEN TOOL HANDLES.
Claims use since Jan. 1, 1910.

Reg. No. 200,448. Registered June 30, 1925. TURNER DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



The letters and words "Louisville, Ky., U. S. A." are disclaimed.
FOR WOODEN TOOL HANDLES.
Claims use since Jan. 1, 1910.

Reg. No. 200,449. Registered June 30, 1925. TURNER DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



The words and letters "Made in Louisville, Ky., U. S. A." are disclaimed.
FOR WOODEN TOOL HANDLES.
Claims use since Jan. 1, 1910.

Reg. No. 200,450. Registered June 30, 1925. TURNER DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



FOR WOODEN TOOL HANDLES.
Claims use since Jan. 1, 1910.

Reg. No. 200,451. Registered June 30, 1925. TURNER DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



The words "Made in Louisville, Ky. U. S. A." are disclaimed.
FOR WOODEN TOOL HANDLES.
Claims use since Jan. 1, 1910.

609 O. G.—6

Reg. No. 200,452. Registered June 30, 1925. TURNER DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



The words and letters "Made in Louisville, Ky., U. S. A." are disclaimed.
FOR WOODEN TOOL HANDLES.
Claims use since Jan. 1, 1910.

Reg. No. 201,030. Registered July 14, 1925. TURNER DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



The words and letters "Louisville, Ky. U. S. A." are disclaimed.
FOR WOODEN TOOL HANDLES.
Claims use since Jan. 1, 1910.

Reg. No. 202,788. Registered Sept. 1, 1925. TURNER DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



The words and letters "Made in Louisville, Kentucky, U. S. A.," "Peerless," and "Turner Day and Woolworth Handle Co.," are disclaimed.
FOR WOODEN TOOL HANDLES.
Claims use since Jan. 1, 1910.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Reg. No. 65,063. Registered Sept. 3, 1907. WILLIAM M. DUDGEON, executor of Richard Dudgeon, New York, N. Y. Republished by Richard Dudgeon, Inc., New York, N. Y., a corporation of New York.

UNIVERSAL

FOR HYDRAULIC JACKS.
Claims use since Nov. 1, 1906.

Reg. No. 65,066. Registered Sept. 3, 1907. WILLIAM M. DUDGEON, executor of Richard Dudgeon, New York, N. Y. Republished by Richard Dudgeon, Inc., New York, N. Y., a corporation of New York.



FOR HYDRAULIC JACKS.
Claims use since Nov. 1, 1906.

Reg. No. 65,611. Registered Oct. 8, 1907. JNO. HY. ANDREW & Co. LD., Sheffield, England. Republished by Andrewa Toledo Ltd., Sheffield, England, a company incorporated under the laws of the United Kingdom of Great Britain.



FOR MACHINE KNIVES, MACHINE TOOLS, TWIST DRILLS, AND MILLING AND OTHER CUTTERS.
Claims use since 1883.

Reg. No. 66,207. Registered Nov. 12, 1907. PETER HENDERSON & Co., New York, N. Y., a corporation of New Jersey. Republished by registrant.

HENDERSON

FOR LAWN MOWERS.
Claims use since 1865.

Reg. No. 200,447. Registered June 30, 1925. TURNER DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



The words and letters "Louisville, Ky., U. S. A." are disclaimed.
FOR WOODEN TOOL HANDLES.
Claims use since Jan. 1, 1910.

Reg. No. 200,448. Registered June 30, 1925. TURNER DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



The letters and words "Louisville, Ky., U. S. A." are disclaimed.
FOR WOODEN TOOL HANDLES.
Claims use since Jan. 1, 1910.

Reg. No. 200,449. Registered June 30, 1925. TURNER DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



The words and letters "Made in Louisville, Ky., U. S. A." are disclaimed.
FOR WOODEN TOOL HANDLES.
Claims use since Jan. 1, 1910.

Reg. No. 200,450. Registered June 30, 1925. TURNER DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



FOR WOODEN TOOL HANDLES.
Claims use since Jan. 1, 1910.

Reg. No. 200,451. Registered June 30, 1925. TURNER DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



The words "Made in Louisville, Ky. U. S. A." are disclaimed.
FOR WOODEN TOOL HANDLES.
Claims use since Jan. 1, 1910.

Reg. No. 200,452. Registered June 30, 1925. TURNER DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



The words and letters "Made in Louisville, Ky., U. S. A." are disclaimed.
FOR WOODEN TOOL HANDLES.
Claims use since Jan. 1, 1910.

Reg. No. 201,030. Registered July 14, 1925. TURNER DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



The words and letters "Louisville, Ky. U. S. A." are disclaimed.
FOR WOODEN TOOL HANDLES.
Claims use since Jan. 1, 1910.

Reg. No. 202,788. Registered Sept. 1, 1925. TURNER DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



The words and letters "Made in Louisville, Kentucky, U. S. A.," "Peerless," and "Turner Day and Woolworth Handle Co.," are disclaimed.
FOR WOODEN TOOL HANDLES.
Claims use since Jan. 1, 1910.

Reg. No. 202,789. Registered Sept. 1, 1925. TURNER DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



The letters and words "Made in Louisville, Ky., U. S. A.," "Perfection," and "Turner Day and Woolworth Handle Co." are disclaimed.
FOR WOODEN TOOL HANDLES.
Claims use since Jan. 1, 1910.

Reg. No. 233,888. Registered Oct. 11, 1927. THE PARKERSBURG RIG AND REEL COMPANY, Parkersburg, W. Va., a corporation of West Virginia. Republished by registrant.



The drawing is lined for the colors green, gold, and red. The words "Quality," Parkersburg," "Service," "Made In U. S. A.," are disclaimed.
FOR DERRICKS, WALKING BEAMS, CROWN BLOCKS, DRILLING MACHINES, AND SAND REELS.
Claims use since Aug. 5, 1920.

Reg. No. 235,882. Registered Nov. 29, 1927. CAROLUS MANUFACTURING COMPANY, Sterling, Ill. Republished by Manco Mfg. Co., Bradley, Ill., a corporation of Illinois.



FOR WIRE CLIPPERS, BOLT CUTTERS, AND NUT SPLITTERS.
Claims use since October 1926.

Reg. No. 238,026. Registered Jan. 24, 1928. GULLETT GIN CO., Amite, La., a corporation of Louisiana. Republished by registrant.

GULLETT

FOR COTTON-GINNING MACHINERY—GINS, FEEDERS, CONDENSERS, SEED-HANDLING DEVICES, PRESSES, CLEANERS, SEPARATORS, AND BOLL BREAKERS.
Claims use since 1849.

Reg. No. 238,140. Registered Jan. 31, 1928. RICHARD DUDGEON, INC., New York, N. Y., a corporation of New York. Republished by registrant.

DUDGEON

FOR HYDRAULIC JACKS, PRESSES, PUMPS, AND TUBE EXPANDERS.
Claims use since 1851.

Reg. No. 286,785. Registered Sept. 1, 1931. LINCOLN ENGINEERING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

FLEX-O-MATIC

FOR STATIONARY, LUBRICATING APPARATUS OF AUTOMATIC AND SEMI-AUTOMATIC TYPE FOR GREASING MACHINERY COMPRISING PUMPS, LUBRICANT INJECTORS, SUPPLY TANKS, AND AUXILIARIES THEREFOR.
Claims use since Dec. 19, 1930.

Reg. No. 374,759. Registered Jan. 23, 1940. THE AMERICAN FORK AND HOE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TOMMY

FOR HAND TOOLS—VIZ., AXES, HAMMERS, HATCHETS, ADZES, AND BROADAXES.
Claims use since on or about July 15, 1939.

Reg. No. 374,801. Registered Jan. 23, 1940. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill., a corporation of New Jersey. Republished by registrant.

CULTI-VISION

FOR TRACTORS.
Claims use since on or about Sept. 5, 1939.

Reg. No. 388,869. Registered July 15, 1941. E. C. ATKINS AND COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.



The drawing is lined to indicate the color yellow.
FOR HACK SAW BLADES.
Claims use since May 20, 1937.

Reg. No. 391,257. Registered Oct. 28, 1941. ERNEST A. FEUSTEL, INC., Hasbrouck Heights, N. J., a corporation of New Jersey. Republished by registrant, present location East Rutherford, N. J.

PRESTO

FOR YARN CARRIERS AND YARN CARRIER TUBES AND YARN CARRIER FINGERS FOR KNITTING MACHINES, PARTICULARLY HOSIERY KNITTING MACHINES.
Claims use since January 1938.

Reg. No. 391,300. Registered Oct. 28, 1941. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant, present location Manheim Township, Lancaster County, Pa.

O

FOR CORK ROLL COVERS FOR TEXTILE MILL USAGE.
Claims use since June 26, 1940.

Reg. No. 394,490. Registered Apr. 7, 1942. HENRY K. BARNES COMPANY, Salem, Mass., a corporation of Massachusetts. Republished by registrant.

FINISHAM

FOR LEATHER TEXTILE APRONS.
Claims use since Nov. 12, 1941.

Reg. No. 398,105. Registered Oct. 13, 1942. BENDIX AVIATION CORPORATION, South Bend, Ind., a corporation of Delaware. Republished by registrant, present location Detroit, Mich.

ZENITH

FOR CARBURETORS AND ACCESSORIES THEREFOR.
Claims use since May 11, 1907.

Reg. No. 401,472. Registered May 18, 1943. BENDIX AVIATION CORPORATION, South Bend, Ind., a corporation of Delaware. Republished by registrant, present location Detroit, Mich.

GOV-U-RETOR

FOR CARBURETORS, GOVERNORS, AND ACCESSORIES THEREFOR.
Claims use since Nov. 1, 1939.

Reg. No. 409,815. Registered Oct. 24, 1944. THE GATES RUBBER COMPANY, Denver, Colo., a corporation of Colorado. Republished by registrant.

GATES
TEX-HIDE

The words "Gates" and "Hide" are disclaimed.
FOR LOOM HARNESS STRAPS, LUG STRAPS, LOOP PICKERS, HOLD UP STRAPS, AND DROP BOX PICKERS.
Claims use since Mar. 14, 1944.

Reg. No. 419,045. Registered Feb. 5, 1946. AMPCO METAL, INC., Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

AMPCO

FOR WEAR RESISTANT AND CORROSION RESISTANT MACHINE PARTS OF COPPER BASE ALLOY, AND GENERALLY MANUALLY OPERATED NON-SPARKING TOOLS OF COPPER BASE ALLOY—NAMELY, ADZES, AIR HAMMER BLANKS, AXES, BARS, BRUSHES, CASTER WHEELS, CAULKING TOOLS, CHISELS, DRIFT PINS, STAR DRILLS, DUST PANS, WEDGES, FORKS, HAMMERS, HATCHETS, HOES, ICE SHAVERS AND TONGS, KNIVES, NAIL PULLERS AND SETS, PACKING TOOLS, PESTLES, CHIPPERS, PICKS, PLIERS, PUNCHES, RAKES, SAWS, SCRAPERS, SCREW DRIVERS, SHEARS, SHOVELS, SPATULAS, SPRAY BOOTH KITS, SCOOPS, TROWELS, VISES, AND WRENCHES.
Claims use since July 1914 on wear resistance parts; and since November 1914 on non-sparking tools.

Reg. No. 423,547. Registered Sept. 3, 1946. GRAY COMPANY, INC., Minneapolis, Minn., a corporation of South Dakota. Republished by registrant.

VAPOR
SCAPER

The word "Vapor" is disclaimed.
FOR AUTOMATIC MECHANICAL WATER-UNLOADING VALVES FOR THE COMPRESSED-AIR TANKS OF AIR-COMPRESSORS.
Claims use since Sept. 25, 1945.

CLASS 24

LAUNDRY APPLIANCES AND MACHINES

Reg. No. 235,302. Registered Nov. 15, 1927. ALTORFER BROS. COMPANY, East Peoria, Ill., a corporation of Illinois. Republished by registrant, present location Peoria, Ill.

SPINNER

FOR LAUNDRY WASHING MACHINES.
Claims use since Jan. 9, 1908.

Reg. No. 383,992. Registered Dec. 31, 1940. LEEF BROS., INC., Minneapolis, Minn., a corporation of South Dakota. Republished by registrant.

POCKETEER

FOR GARMENT POCKET IRONERS.
Claims use since on or about June 1, 1939.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Reg. No. 188,577. Registered Sept. 2, 1924. THE HONEYWELL HEATING SPECIALTIES COMPANY, Wabash, Ind. Republished by Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware.

AQUASTAT

FOR TEMPERATURE AND DRAFT REGULATING AND CONTROLLING INSTRUMENTS IN THE FORM OF THERMOSTATS.
Claims use since Sept. 1, 1920.

Reg. No. 365,404. Registered Mar. 7, 1939. WOLLENSAK OPTICAL COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

VELOSTIGMAT

FOR CAMERA LENSES AND LENS MOUNTINGS.
Claims use since sometime during the year 1909.

Reg. No. 378,951. Registered June 25, 1940. GENERAL ANILINE & FILM CORPORATION, Binghamton, N. Y., a corporation of Delaware. Republished by registrant, present location New York, N. Y.

ANSCO

FOR PHOTOGRAPHIC GOODS, PARTICULARLY CAMERAS AND FILMS AND SENSITIZED PHOTOGRAPHIC PAPER.
Claims use since July 1902 for sensitized photographic paper and film; and since July 1, 1902, for cameras.

Reg. No. 380,180. Registered Aug. 13, 1940. AUTOMATIC PRODUCTS COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

FOR HYGROMETERS, THERMOSTATS, HUMIDITY CONDITIONING CONTROL UNITS, THERMOSTATIC HEATING CONTROL UNITS, SOLENOID VALVES, THERMOSTATIC VALVES AND CONVERSION UNITS FOR CONVERTING OIL CONTROL VALVES FROM MANUAL TO AUTOMATIC CONTROL.
Claims use since Oct. 6, 1931.

Reg. No. 385,672. Registered Mar. 11, 1941. GENERAL ANILINE & FILM CORPORATION, New York, N. Y., a corporation of Delaware. Republished by registrant.

CONVIRA

FOR LIGHT-SENSITIVE PHOTOGRAPHIC MATERIAL, PARTICULARLY PHOTOGRAPHIC PAPER.
Claims use since Nov. 2, 1933.

Reg. No. 385,673. Registered Mar. 11, 1941. GENERAL ANILINE & FILM CORPORATION, New York, N. Y., a corporation of Delaware. Republished by registrant.

PLENACHROME

FOR LIGHT-SENSITIVE PHOTOGRAPHIC MATERIAL, PARTICULARLY PHOTOGRAPHIC FILM.
Claims use since Dec. 18, 1930.

Reg. No. 388,782. Registered July 8, 1941. GENERAL ANILINE & FILM CORPORATION, New York, N. Y., a corporation of Delaware. Republished by registrant.

TRIPLE S

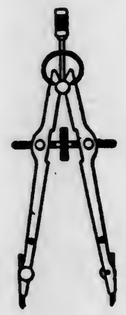
FOR LIGHT-SENSITIVE PHOTOGRAPHIC MATERIAL, PARTICULARLY PHOTOGRAPHIC FILM.
Claims use since Aug. 25, 1938.

Reg. No. 396,655. Registered July 28, 1942. V. & E. ENGINEERING CO., Pasadena, Calif. Republished by V. & E. Manufacturing Co., Pasadena, Calif., a firm.

VEMCO

FOR DRAFTING MACHINES AND DRAWING INSTRUMENTS COMPRISING COMPASSES, DIVIDERS, BOW COMPASSES, DRAWING PENS, PROTRACTORS, RULERS AND SCALES.
Claims use since Feb. 23, 1942.

Reg. No. 399,580. Registered Jan. 19, 1943. V. & E. ENGINEERING CO., doing business as V. & E. Manufacturing Co., Pasadena, Calif. Republished by V. & E. Manufacturing Co., Pasadena, Calif., a firm.



The representation of the compass is disclaimed.
FOR DRAWING INSTRUMENTS — NAMELY, COMPASSES AND BOW COMPASSES.
Claims use since June 26, 1940.

Reg. No. 409,153. Registered Sept. 19, 1944. L. J. MUELLER FURNACE COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

Season-stat

FOR ELECTRICALLY ACTUATED, THERMOSTATIC CONTROL FOR HEATING APPARATUS.
Claims use since Oct. 28, 1941.

Reg. No. 409,390. Registered Oct. 3, 1944. GENERAL ANILINE FILM CORPORATION, New York, N. Y., a corporation of Delaware. Republished by registrant.

SPEEDEX

FOR SENSITIZED PHOTOGRAPHIC PAPER.
Claims use since January 1939.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Reg. No. 370,313. Registered Aug. 22, 1939. THE WATSON COMPANY, Attleboro, Mass., a corporation of Massachusetts. Republished by registrant.

CHILDCRAFT

FOR FLATWARE AND HOLLOWWARE COMPOSED WHOLLY OR IN PART OF STERLING SILVER.
Claims use since Apr. 11, 1939.

Reg. No. 403,814. Registered Oct. 19, 1943. CREST SPECIALTY COMPANY, Chicago, Ill. Republished by Crest Specialty, Not Inc., Chicago, Ill., a limited partnership.

Spiffy

FOR COLLAR STAYS MADE OF SEMI-PRECIOUS METAL.
Claims use since Oct. 5, 1932.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Reg. No. 237,292. Registered Jan. 3, 1928. LAWRENCE H. GOELLER, doing business as Kippy-Kit Company, Circleville, Ohio. Republished by registrant.

Kippy-Kit

The word "Kit" is disclaimed.
FOR CLOTHES BRUSHES AND WHISKS AND LEATHER CASES, SOLD AS A UNIT.
Claims use since July 1, 1926.

CLASS 31

FILTERS AND REFRIGERATORS

Reg. No. 353,666. Registered Jan. 11, 1938. UNIVERSAL WATER SOFTENER CO., Maywood, Ill., a corporation of Illinois. Republished by registrant.

UNIVERSAL

FOR FILTERS AND WATER SOFTENERS, AND PARTICULARLY TO WATER SOFTENER DEVICES HAVING BEDS OF ZEOLITE.
Claims use since on or about Feb. 1, 1926.

Reg. No. 369,426. Registered July 25, 1939. PEPSI-COLA COMPANY, Long Island City, N. Y., a corporation of Delaware. Republished by registrant.



FOR BEVERAGE COOLERS SOLD IN TRADE EMPTY.
Claims use since Feb. 15, 1896.

Reg. No. 374,138. Registered Jan. 2, 1940. BROQUINDA, INC., St. Petersburg, Fla. Republished by The Broquinda Corporation, St. Petersburg, Fla., a corporation of Florida.



The words "System Refrigeration" are disclaimed.
FOR FILTERS AND REFRIGERATOR UNITS FOR REFRIGERATORS, REFRIGERATED TRUCKS, AND RAILWAY CARS.
Claims use since May 29, 1939.

Reg. No. 391,695. Registered Nov. 18, 1941. BUSINESS COLLABORATORS, INCORPORATED, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

The VISIBLE VOICE

FOR FILTERS.
Claims use since June 21, 1941.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Reg. No. 399,857. Registered Feb. 2, 1943. THE FAVORITE STOVE COMPANY, Piqua, Ohio, a corporation of Ohio. Republished by registrant.

FAVORITE

FOR HEATING EQUIPMENT IN WHICH WOOD AND/OR COAL IS USED FOR FUEL—NAMELY, COOKING STOVES, RANGES, SPACE-HEATING STOVES AND FURNACES; PARTS OF SUCH EQUIPMENT.
Claims use since 1864.

Reg. No. 408,491. Registered Aug. 15, 1944. L. J. MUELLER FURNACE COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

CLIMATROL

FOR GAS FURNACES.
Claims use since 1937.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Reg. No. 359,872. Registered Aug. 30, 1938. WILKENING MANUFACTURING COMPANY, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

STEELOIL

FOR PISTON RINGS, PISTON RING EXPANDERS, AND VALVE PACKING.
Claims use since Apr. 26, 1938.

Reg. No. 365,950. Registered Mar. 21, 1939. KEASBEY & MATTISON COMPANY, Ambler, Pa., a corporation of Pennsylvania. Republished by registrant.



The words "Best in Asbestos" are disclaimed.
FOR ASBESTOS PACKINGS, ESPECIALLY ADAPTED FOR USE IN PUMPS, PISTONS, AND LOCOMOTIVES, STUFFING BOXES, VALVE STEMS, AND AS PRESSURE GLANDS, FLAX PACKINGS, BRAKE LININGS, CLUTCH FACINGS, TEXTILE PACKINGS AND GASKETS.
Claims use since about March 1937.

Reg. No. 372,525. Registered Oct. 31, 1939. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio, a corporation of Ohio. Republished by registrant.



The word "Tire" is disclaimed.
FOR AUTOMOBILE TIRES AND TUBES.
Claims use since May 17, 1939.

Reg. No. 376,173. Registered Mar. 12, 1940. KEASBEY & MATTISON COMPANY, Ambler, Pa., a corporation of Pennsylvania. Republished by registrant.



The words "Best in Asbestos" are disclaimed.
FOR PACKINGS AND GASKETS, SUCH AS ROD-PLUNGER, PISTON, STUFFING BOX, AND VALVE STEM PACKINGS, SHEET PACKINGS, SEAMLESS TUBE PLATE GASKETS, BOILER GASKETS, ASBESTOS GASKETING TAPES, WOVEN ASBESTOS GASKETING TAPES, ASBESTOS WICK, ASBESTOS ROPE, TUBULAR GASKETING AND HYDRAULIC AND STEAM PRESSURE PACKINGS AND GASKETS OF ALL TYPES AND FORMS.
Claims use since about Oct. 1, 1937.

Reg. No. 391,520. Registered Nov. 11, 1941. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio, a corporation of Ohio. Republished by registrant.

DUAL "8"

FOR PNEUMATIC TIRES.
Claims use since Oct. 5, 1937.

Reg. No. 391,522. Registered Nov. 11, 1941. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio, a corporation of Ohio. Republished by registrant.

HIGHWAY

FOR PNEUMATIC TIRES.
Claims use since Aug. 2, 1933.

Reg. No. 411,420. Registered Jan. 16, 1945. THE S. K. WELLMAN COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

Velvetouch

FOR CLUTCH LININGS AND FACINGS; FOR BRAKE FACINGS; FOR CLUTCH AND BRAKE FRICTION MEMBERS — NAMELY, DISCS, BANDS, CONES, PLATES, AND SHOES HAVING A FRICTION SURFACE; FOR PRESSURE SEALS FOR USE WITH SHAFTS AND MOVING MACHINE ELEMENTS; AND FOR JOURNAL, SLIDE, AND THRUST BEARINGS NOT OF THE BALL OR ROLLER ANTI-FRICTION TYPE.
Claims use since June 8, 1933.

CLASS 37

PAPER AND STATIONERY

Reg. No. 63,706. Registered July 2, 1907. THE GLOBE-WERNICKE COMPANY, Cincinnati, Ohio. Republished by The Globe-Wernicke Co. (1934), Norwood, Ohio, a corporation of Ohio.

JUMBO

FOR DOCUMENT-FILES.
Claims use since 1890.

Reg. No. 152,366. Registered Feb. 28, 1922. CENTRAL PAPER COMPANY, Menasha, Wis., a corporation of Wisconsin. Republished by registrant.

QUALIFIED

FOR ADDING-MACHINE PAPER.
Claims use since Aug. 1, 1919.

Reg. No. 155,044. Registered May 16, 1922. THE PARKER PEN COMPANY, Janesville, Wis., a corporation of Wisconsin. Republished by registrant.

DUOFOLD

FOR FOUNTAIN PENS.
Claims use since Sept. 1, 1921.

Reg. No. 234,041. Registered Oct. 18, 1927. HOBERG PAPER & FIBRE COMPANY, Green Bay, Wis. Republished by Crown Zellerbach Corporation, San Francisco, Calif., a corporation of Nevada.



The words "Soluble Tissue," "Guaranteed," and "1000 Sheets" are disclaimed.
FOR TOILET PAPER.
Claims use since Apr. 5, 1926.

Reg. No. 235,032. Registered Nov. 8, 1927. THE HEINN COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

SPEEDLOK

FOR LOOSE-LEAF-BOOK BINDERS.
Claims use since January 1925.

Reg. No. 235,033. Registered Nov. 8, 1927. THE HEINN COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

SPEEDEX

FOR LOOSE-LEAF-BOOK BINDERS.
Claims use since Nov. 24, 1923.

Reg. No. 235,462. Registered Nov. 22, 1927. FORT HOWARD PAPER COMPANY, Green Bay, Wis., a corporation of Wisconsin. Republished by registrant.

FORT HOWARD

FOR TOILET PAPER, PAPER TOWELS, PAPER NAPKINS, PAPER DOILIES, PAPER TABLECLOTHS, AND TISSUE PAPER.
Claims use since Oct. 1, 1915.

Reg. No. 374,445. Registered Jan. 9, 1940. THE PARKER PEN COMPANY, Janesville, Wis., a corporation of Wisconsin. Republished by registrant.

"51"

FOR FOUNTAIN PENS, MECHANICAL PENCILS, AND DESK SETS.
Claims use since July 19, 1939.

Reg. No. 374,446. Registered Jan. 9, 1940. THE PARKER PEN COMPANY, Janesville, Wis., a corporation of Wisconsin. Republished by registrant.



FOR FOUNTAIN PENS, MECHANICAL PENCILS, AND DESK SETS.
Claims use since July 10, 1939.

Reg. No. 374,658. Registered Jan. 23, 1940. CROWN ZELLERBACH CORPORATION, also doing business as Crown Willamette Paper Company, San Francisco, Calif., a corporation of Nevada. Republished by registrant.

ALPINE

FOR WRAPPING PAPER FOR MEAT.
Claims use since Jan. 1, 1933.

Reg. No. 377,289. Registered Apr. 30, 1940. CROWN ZELLERBACH CORPORATION, also doing business as Western Waxed Paper Company, Division of Crown Zellerbach Corporation, San Francisco, Calif., and Portland and North Portland, Oreg., a corporation of Nevada. Republished by registrant, present location San Francisco, Calif.



FOR GUMMED SEALING MATERIAL, PARTICULARLY GUMMED PAPER TAPE.
Claims use since Apr. 30, 1937.

Reg. No. 377,331. Registered Apr. 30, 1940. CROWN ZELLERBACH CORPORATION, also doing business as Western Waxed Paper Company, San Francisco, Calif., and Portland and North Portland, Oreg., a corporation of Nevada. Republished by registrant, present location San Francisco, Calif.

FLASH-TITE

FOR GUMMED SEALING MATERIAL PARTICULARLY GUMMED PAPER TAPE.
Claims use since Nov. 7, 1939.

Reg. No. 379,412. Registered July 9, 1940. GEORGE B. GRAFF COMPANY, Cambridge, Mass., a corporation of Massachusetts. Republished by registrant.

NU-VIZ

FOR FILE SIGNALS.
Claims use since Feb. 14, 1940.

Reg. No. 384,582. Registered Jan. 21, 1941. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

KLEENEX

FOR TOILET TISSUE.
Claims use since Apr. 4, 1939.

Reg. No. 387,357. Registered May 31, 1941. KIMBERLY-CLARK CORPORATION, Neenah, Wis., a corporation of Delaware. Republished by registrant.

KIMFECT

FOR BOOK PAPER.
Claims use since Nov. 26, 1940.

Reg. No. 387,500. Registered May 20, 1941. SILKLIN PAPER CORPORATION, San Francisco, Calif., a corporation of California. Republished by registrant.

Silk-Naps

FOR PAPER NAPKINS.
Claims use since on or about Oct. 15, 1937.

Reg. No. 388,541. Registered July 1, 1941. ZELLERBACH PAPER COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.

KITCHENETTE

FOR NAPKINS, PLAIN, EMBOSSED, AND COCKTAIL; TABLE COVERS; HOUSEHOLD TOWELS; WAXED PAPER; DRAWER LINING AND SHELF PAPER; AND LACE DOILIES.
Claims use since on or about Oct. 1, 1937, on napkins and table covers; since on or about Jan. 2, 1938, on household towels, waxed paper, drawer lining and shelf paper; and on lace doilies since on or about Nov. 1, 1939.

Reg. No. 391,182. Registered Oct. 28, 1941. CROWN ZELLERBACH CORPORATION, also doing business as Crown Willamette Paper Co., San Francisco, Calif., a corporation of Nevada. Republished by registrant.

WAXFOLD

FOR WRAPPING PAPER AND PARTICULARLY AN INNER-WRAP FOR MEATS AND FOODS.
Claims use since Nov. 17, 1940.

Reg. No. 408,618. Registered Aug. 22, 1944. INTERNATIONAL CELLUCOTTON PRODUCTS CO., Chicago, Ill., a corporation of Delaware. Republished by registrant.

KLEENEX

FOR PAPER ARTICLES—NAMELY, ABSORBENT PADS OR SHEETS USED FOR SANITARY NECK-BANDS, SANITARY CAPS, SANITARY CAPES, AND SANITARY FACIAL MASKS, BABY BIBS AND DIAPERS, BLOTTERS, CLEANING CLOTHS, DRYING CLOTHS, DUSTING CLOTHS, POLISHING CLOTHS, WIPING CLOTHS, DRESS SHIELDS AND PROTECTORS, FOR FILTERING AND STRAINING, HANDKERCHIEFS, COSMETIC APPLICATORS AND REMOVERS, NAPKINS, PADS, TOILET PAPER, SEAT COVERS AND TOWELS.
Claims use since June 12, 1924.

Reg. No. 412,278. Registered Feb. 27, 1945. ACME VISIBLE RECORDS, INC., Chicago, Ill., a corporation of Delaware. Republished by registrant.

FLEXOLINE

FOR BLANK FORMS—NAMELY, CARDS FOR VISIBLE INDEX OR RECORD EQUIPMENT; VISIBLE INDEX OR RECORD STRIPS; POCKET ATTACHMENTS FOR RECORD CARDS, AND CARD SIGNALS.
Claims use since Oct. 6, 1921.

Reg. No. 423,569. Registered Sept. 3, 1946. CROWN ZELLERBACH CORPORATION, also doing business as Crown Willamette Paper Company, San Francisco, Calif. Republished by registrant.



FOR TISSUE FRUIT WRAPS.
Claims use since May 1, 1945.

CLASS 38

PRINTS AND PUBLICATIONS

Reg. No. 232,989. Registered Sept. 20, 1927. RAND MCNALLY AND COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

THE BANKERS MONTHLY

FOR MONTHLY PUBLICATION.
Claims use since January 1884.

Reg. No. 234,195. Registered Oct. 18, 1927. THE MARION STEAM SHOVEL COMPANY, Marion, Ohio. Republished by The Marion Power Shovel Company, Marion, Ohio, a corporation of Ohio, by change of name.

The Ground-hog

FOR MONTHLY MAGAZINE.
Claims use since January 1926.

Reg. No. 235,054. Registered Nov. 8, 1927. BROWN & BIGELOW, St. Paul, Minn., a corporation of Minnesota. Republished by registrant.



FOR GREETING CARDS — NAMELY, MAILING CARDS AND WALL CALENDARS.
Claims use since on or about Dec. 28, 1925.

Reg. No. 236,719. Registered Dec. 20, 1927. THE SUNDAY SCHOOL TIMES COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

The Sunday School Times

FOR WEEKLY MAGAZINE.
Claims use since Nov. 3, 1900.

Reg. No. 237,852. Registered Jan. 17, 1928. BROWN & BIGELOW, St. Paul, Minn., a corporation of Minnesota. Republished by registrant.

HOUSEHOLD HINTS
PUBLISHED TO PROMOTE HEALTH AND HAPPINESS IN THE HOME

The words "Trade-Mark" are disclaimed.
FOR PERIODICAL PARTICULARLY ADAPTED TO CONCERNS DEALING WITH HOMES AND HOUSEHOLD REQUIREMENTS PUBLISHED FROM TIME TO TIME.
Claims use since on or about May 1, 1927.

Reg. No. 407,695. Registered June 20, 1944. NATURAL VISION EQUIPMENT CORPORATION, New York, N. Y. Republished by Albert W. Mahone, Chicago, Ill.

NATURAL VISION

FOR PUBLICATIONS, CHARTS, AND DRAWINGS, IN THE MOTION PICTURE EQUIPMENT FIELD, PUBLISHED FROM TIME TO TIME.
Claims use since Dec. 15, 1935.

Reg. No. 423,767. Registered Sept. 10, 1946. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

Bemistory

FOR HOUSE-ORGAN MAGAZINE.
Claims use since Dec. 1, 1941.

CLASS 39

CLOTHING

Reg. No. 66,971. Registered Jan. 7, 1908. RICHMOND HOSIERY MILLS, Chattanooga, Tenn., a corporation of Georgia. Republished by registrant, present location Rossville, Ga.

Wunderhose

FOR HOSIERY.
Claims use since Apr. 23, 1907.

Reg. No. 121,006. Registered Mar. 19, 1918. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

Scotch Mist

FOR HATS AND CAPS.
Claims use since Mar. 17, 1913.

Reg. No. 231,831. Registered Aug. 30, 1927. A. V. VICTORIUS & COMPANY, New York, N. Y. Republished by General Shoe Corporation, Nashville, Tenn., a corporation of Tennessee.

Valentine

FOR HOSIERY.
Claims use since Dec. 1, 1926.

Reg. No. 238,782. Registered Feb. 14, 1928. CRADDOCK-TERRY COMPANY, Lynchburg, Va. Republished by Craddock-Terry Shoe Corporation, Lynchburg, Va., a corporation of Virginia.

Masterbilt

FOR SHOES MADE OF LEATHER, FABRIC, OR RUBBER, OR A COMPOSITION OF LEATHER, FABRIC, OR RUBBER.
Claims use since March 1911.

Reg. No. 350,733. Registered Oct. 5, 1937. LONDON, MIDLAND & SCOTTISH IMPORTS, LTD., New York, N. Y., a corporation of New York. Republished by registrant.

Glenthistle

FOR MEN'S, WOMEN'S, AND CHILDREN'S SUITS, RAINCOATS, OVERCOATS, TOP COATS, SPORTS JACKETS, KNITTED SWEATERS, SCARFS AND MUFFLERS; MEN'S AND WOMEN'S SOCKS; MEN'S SPORT TROUSERS AND WOMEN'S SPORT SKIRTS AND SPORT HATS.
Claims use since Jan. 1, 1937.

Reg. No. 353,128. Registered Dec. 28, 1937. ERWIN SHOE CO., INC., New York, N. Y. Republished by The United States Shoe Corporation, Cincinnati, Ohio, a corporation of Ohio.



The word "Shoe" is disclaimed.
FOR WOMEN'S AND CHILDREN'S SHOES MADE OF LEATHER OR FABRIC AND LEATHER.
Claims use since June 15, 1936.

Reg. No. 356,703. Registered May 10, 1938. OVIATT'S, Los Angeles, Calif., a corporation of California. Republished by registrant, present location Los Angeles and Beverly Hills, Calif.



The word "Model" is disclaimed.
FOR OUTER SHIRTS, PAJAMAS AND COATS FOR MEN, WOMEN, AND CHILDREN.
Claims use since June 10, 1937.

Reg. No. 369,957. Registered Aug. 8, 1939. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Staccatoes

FOR SHOES MADE OF LEATHER, FABRIC, OR COMBINATIONS THEREOF.
Claims use since Oct. 1, 1938.

Reg. No. 372,634. Registered Nov. 7, 1939. AMOSKEAG PAJAMA CO., INC., Manchester, N. H. Republished by Amoskeag Pajama Co., Inc., Boston, Mass., a corporation of Massachusetts.

AMOSKEAG

FOR PAJAMAS, NIGHTSHIRTS, AND UNDERWEAR FOR MEN, WOMEN AND CHILDREN.
Claims use since Feb. 23, 1939, on pajamas and nightshirts; and since June 3, 1939, on underwear.

Reg. No. 372,660. Registered Nov. 7, 1939. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.



FOR MEN'S AND BOYS' SUITS AND OVERCOATS.
Claims use since June 16, 1939.

Reg. No. 373,490. Registered Dec. 12, 1939. WEYENBERG SHOE MANUFACTURING COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

Jaunties

FOR LEATHER SHOES FOR JUVENILES.
Claims use since Dec. 23, 1938.

Reg. No. 374,160. Registered Jan. 2, 1940. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

BRIDLE-PLY

The word "Ply" is disclaimed.
FOR SUSPENDERS, BRACES, AND SUPPORTERS FOR SUPPORTING TROUSERS AND GARTERS.
Claims use since June 16, 1939.

Reg. No. 375,504. Registered Feb. 20, 1940. HANSEN GLOVE CORPORATION, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

PUNTER

FOR LEATHER GLOVES.
Claims use since Aug. 30, 1939.

Reg. No. 376,795. Registered Apr. 9, 1940. DURHAM HOSIERY MILLS, Durham, N. C., a corporation of North Carolina. Republished by registrant.

GoldenWeb

FOR HOSIERY.
Claims use since on or about July 1925.

Reg. No. 377,018. Registered Apr. 16, 1940. DURHAM HOSIERY MILLS, Durham, N. C., a corporation of North Carolina. Republished by registrant.

QUEEN NAN

FOR HOSIERY.
Claims use since on or about July 1914.

Reg. No. 379,004. Registered June 25, 1940. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant.

GOLD LEAF

FOR RUBBER HOUSEHOLD GLOVES.
Claims use since on or about Nov. 22, 1939.

Reg. No. 384,865. Registered Feb. 4, 1941. NORTHMONT HOSIERY CORPORATION, Reading, Pa., a corporation of Pennsylvania. Republished by registrant.

Delecette

FOR HOSIERY.
Claims use since June 21, 1940.

Reg. No. 384,884. Registered Feb. 4, 1941. HANSEN GLOVE CORPORATION, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

Hand-Mates

FOR LEATHER GLOVES.
Claims use since May 3, 1940.

Reg. No. 385,002. Registered Feb. 11, 1941. MOE LEVY & SON, INC., New York, N. Y. Republished by Stuart Clothes, Inc., New York, N. Y., a corporation of New York.

STUARTS Golden Needle CLOTHES

The name "Stuarts" and the word "Clothes" are disclaimed.
FOR MEN'S SUITS, OVERCOATS, TOPCOATS, TUXEDOS, FULL DRESS SUITS, SPORT SLACKS, SLACK SUITS, SPORT COATS, SHIRTS, TIES, UNDERWEAR, AND SOCKS.
Claims use since June 25, 1940.

Reg. No. 387,344. Registered May 13, 1941. MOE LEVY & SON, INC., New York, N. Y. Republished by Stuart Clothes, Inc., New York, N. Y., a corporation of New York.

STUARTS CLOTHES

The word "Clothes" is disclaimed.
FOR MEN'S SUITS, OVERCOATS, TOPCOATS, TUXEDOS, FULL DRESS SUITS, SPORT SLACKS, SLACK SUITS, SPORT COATS, UNDERSHIRTS, OUTER SHIRTS, NECKTIES, UNDERWEAR AND SOCKS.
Claims use since Aug. 1, 1940.

Reg. No. 391,872. Registered Nov. 25, 1941. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Field Golfer

FOR WOMEN'S SPORT DRESSES.
Claims use since Oct. 10, 1940.

Reg. No. 394,302. Registered Mar. 31, 1942. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Conwaybilt

FOR MEN'S OUTER SHIRTS AND SLEEPING PAJAMAS.
Claims use since December 1917.

Reg. No. 394,569. Registered Apr. 14, 1942. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

FIELDCRAFT

FOR MEN'S FELT HATS; AND MEN'S LOUNGING ROBES.
Claims use since on or about Dec. 15, 1935.

Reg. No. 394,673. Registered Apr. 21, 1942. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Caveman

FOR MEN'S SHORTS AND PAJAMAS.
Claims use since May 1940.

Reg. No. 398,245. Registered Oct. 20, 1942. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR MEN'S SUSPENDERS, BRACES, GARTERS AND TROUSER BELTS.
Claims use since the latter part of April 1940.

Reg. No. 403,976. Registered Oct. 26, 1943. AMERICAN WOOLEN COMPANY, Boston, Mass., and New York, N. Y., a corporation of Massachusetts. Republished by registrant, present location New York, N. Y.

DUV-BLOOM

The word "Bloom" is disclaimed except as shown.
FOR WOMEN'S COATS.
Claims use since November 1936.

Reg. No. 408,691. Registered Aug. 29, 1944. THE UNITED STATES SHOE CORPORATION, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.



The drawing is lined to indicate the color black.
FOR SHOES MADE OF LEATHER, FABRIC, AND/OR A COMBINATION OF THESE MATERIALS.
Claims use since October 1898.

Reg. No. 409,534. Registered Oct. 10, 1944. JOSEPH A. AYOUB, San Francisco Calif. Republished by registrant.

Califamous

FOR LADIES' AND MISSES' BLOUSES, AND BLOUSH AND SLIP COMBINATIONS.
Claims use since March 1943.

Reg. No. 409,564. Registered Oct. 10, 1944. PEERLESS WOLFSON COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Lincoized

FOR HANDKERCHIEFS.
Claims use since April 3, 1934.

Reg. No. 411,127. Registered Jan. 2, 1945. MANCHESTER KNITTED FASHIONS, INC., Manchester, N. H., a corporation of New Hampshire. Republished by registrant.

MATEY'S

FOR JUVENILE SWEATERS, T-SHIRTS, OVERALL SETS, CREEPERS, TWO-PIECE SUITS.
Claims use since May 19, 1944.

Reg. No. 411,380. Registered Jan. 16, 1945. M & W THOMAS Co., New York, N. Y., a firm. Republished by registrant.

PUPPY SKIN



FOR NECKTIES.
Claims use since February 1916.

Reg. No. 423,321. Registered Aug. 27, 1946. DURHAM HOSIERY MILLS, Durham, N. C., a corporation of North Carolina. Republished by registrant.

PENELOPE

FOR HOSIERY.
Claims use since 1921.

Reg. No. 423,739. Registered Sept. 10, 1946. HANSEN GLOVE CORPORATION, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

HANSEN
Pig-Whiskers

The words "Hansen" and "Pig" are disclaimed.
FOR LEATHER GLOVES.
Claims use since Aug. 14, 1945.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Reg. No. 412,845. Registered Mar. 27, 1945. THE MORLEY COMPANY, Portland, Maine, and Portsmouth, N. H., a corporation of Maine. Republished by registrant.

RESINITE

FOR BUTTONS.
Claims use since Oct. 12, 1944.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Reg. No. 233,565. Registered Oct. 4, 1927. THE ATLANTIC MILLS, Olneyville, R. I. Republished by A. D. Juilliard & Co., Inc., New York, N. Y., a corporation of Delaware.

ARDEEN

FOR WOOLEN DRESS GOODS — NAMELY, WORSTEDS IN THE PIECE.
Claims use since Sept. 1, 1925.

Reg. No. 233,637. Registered Oct. 4, 1927. LIBERTY & CO., LIMITED, London, England, a company incorporated under the laws of the United Kingdom of Great Britain. Republished by registrant.

TANA

FOR LAWN, BEING COTTON PIECE GOODS.
Claims use since 1914.

Reg. No. 277,795. Registered Nov. 25, 1930. E. F. TIMME & SON, New York, N. Y., a firm. Republished by registrant.

Paca-Pile

The word "Pile" is disclaimed.
FOR PILE FABRICS IN THE PIECE.
Claims use since July 9, 1930.

Reg. No. 378,094. Registered May 28, 1940. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

EROSIONET

FOR TEXTILE PIECE GOODS USED IN CONNECTION WITH SOIL TO PREVENT EROSION.
Claims use since Mar. 10, 1938.

Reg. No. 392,843. Registered Jan. 13, 1942. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

FLORETTE

FOR LACE CURTAINS.
Claims use since February 1941.

Reg. No. 393,112. Registered Jan. 27, 1942. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Zionet

FOR LACE CURTAINS.
Claims use since Feb. 11, 1941.

Reg. No. 399,667. Registered Jan. 26, 1943. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

DECORETTE

FOR LACE CURTAINS.
Claims use since February 1941.

Reg. No. 422,710. Registered Aug. 6, 1946. M & W THOMAS CO., New York, N. Y., a firm. Republished by registrant.

OUTDOOR LIFE

FOR SILK AND RAYON PIECE GOODS USED FOR THE MANUFACTURE OF NECKTIES.
Claims use since 1938.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Reg. No. 383,438. Registered Dec. 10, 1940. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant, present location Manheim Township, Lancaster County, Pa.

ART WEAVE

FOR WATER BOTTLES, FOUNTAIN SYRINGES, AND COMBINATION WATER BOTTLES AND FOUNTAIN SYRINGES, ALL OF WHICH ARE MADE OF RUBBER OR SIMILAR FLEXIBLE MATERIAL.
Claims use since on or about Jan. 4, 1940.

Reg. No. 383,439. Registered Dec. 10, 1940. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant, present location Manheim Township, Lancaster County, Pa.

GOLD LEAF

FOR WATER BOTTLES, FOUNTAIN SYRINGES, AND COMBINATION WATER BOTTLES AND FOUNTAIN SYRINGES, ALL OF WHICH ARE MADE OF RUBBER OR SIMILAR FLEXIBLE MATERIAL.
Claims use since on or about Jan. 4, 1940.

Reg. No. 383,440. Registered Dec. 10, 1940. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant, present location Manheim Township, Lancaster County, Pa.

SILVER LEAF

FOR WATER BOTTLES, FOUNTAIN SYRINGES, AND COMBINATION WATER BOTTLES AND FOUNTAIN SYRINGES, ALL OF WHICH ARE MADE OF RUBBER OR SIMILAR FLEXIBLE MATERIAL.
Claims use since on or about Jan. 4, 1940.

Reg. No. 383,581. Registered Dec. 17, 1940. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant, present location Manheim Township, Lancaster County, Pa.

QUILT

FOR WATER BOTTLES, FOUNTAIN SYRINGES, AND COMBINATION WATER BOTTLES AND FOUNTAIN SYRINGES, ALL OF WHICH ARE MADE OF RUBBER OR SIMILAR FLEXIBLE MATERIAL.
Claims use since on or about Jan. 4, 1940.

Reg. No. 404,630. Registered Dec. 7, 1943. HOSPITAL LIQUIDS, INC., Chicago, Ill., a corporation of Delaware. Republished by registrant.

CLYSET

FOR PARENTERAL ADMINISTRATION DEVICES.
Claims use since July 31, 1942.

Reg. No. 413,123. Registered Apr. 10, 1945. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

KOTAMS

FOR TAMPONS.
Claims use since June 2, 1944.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Reg. No. 255,645. Registered Apr. 30, 1929. CHOCOLATE PRODUCTS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Stilticious

FOR NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SYRUPS AND EXTRACTS FOR MAKING THE SAME.
Claims use since Feb. 24, 1928.

Reg. No. 274,405. Registered Aug. 26, 1930. DAIGGER CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

BROWN DERBY

FOR NONALCOHOLIC, MALTLESS CHOCOLATE BEVERAGE SOLD AS A SOFT DRINK AND SYRUPS AND EXTRACTS FOR MAKING THE SAME.
Claims use since Jan. 1, 1928.

Reg. No. 349,985. Registered Sept. 14, 1937. PEPSI-COLA COMPANY, Long Island City, N. Y., a corporation of Delaware. Republished by registrant.

PEPSI-COLA

FOR BEVERAGES AND SIRUPS FOR THE MANUFACTURE OF SUCH BEVERAGES.
Claims use since about Feb. 15, 1896.

Reg. No. 412,250. Registered Feb. 27, 1945. NEIL'S FRUIT PRODUCTS CO., Los Angeles, Calif. Republished by Neil Products Inc., Los Angeles, Calif., a corporation of California.

TASTEASE

FOR NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND FOUNTAIN EXTRACTS, AND EXTRACTS AND CONCENTRATES FOR MAKING THE SAME.
Claims use since Apr. 27, 1944.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Reg. No. 65,403. Registered Sept. 24, 1907. OAKDALE BAKING COMPANY, Philadelphia, Pa. Republished by American Cone & Pretzel Company, Philadelphia, Pa., a corporation of West Virginia.

MIDGETS

FOR PRETZELS.
Claims use since Jan. 1, 1904.

Reg. No. 67,064. Registered Jan. 14, 1908. THORNTON & CHESTER MILLING COMPANY, Buffalo, N. Y., a corporation of New York. Republished by registrant.



FOR WHEAT FLOUR.
Claims use since May 1874.

Reg. No. 67,726. Registered Feb. 18, 1908. KINGAN AND COMPANY, LIMITED, Indianapolis, Ind. Republished by Kingan & Co. Incorporated, Indianapolis, Ind., a corporation of New Jersey.

LA PERLA

FOR CURED MEATS, AND SAUSAGE.
Claims use since Apr. 1, 1905.

Reg. No. 231,400. Registered Aug. 16, 1927. THE MIAMI VALLEY COOPERATIVE MILK PRODUCERS ASSOCIATION, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

DAYTON DAIRY MAID

The word "Dayton" is disclaimed.
FOR BUTTER.
Claims use since Apr. 6, 1923.

Reg. No. 231,484. Registered Aug. 23, 1927. THE SOUTHWESTERN MILLING COMPANY, INC., New York, N. Y. Republished by Standard Milling Company, Chicago, Ill., a corporation of Illinois.



FOR WHEAT FLOUR.
Claims use since Aug. 26, 1924.

Reg. No. 232,689. Registered Sept. 13, 1927. OELERICH & BERRY COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

GINGER CAKE

FOR MOLASSES.
Claims use since Jan. 1, 1895.

Reg. No. 237,918. Registered Jan. 24, 1928. FRANCO-ITALIAN PACKING CO., INC., Terminal Island, Calif., a corporation of California. Republished by registrant.

SEA BOY

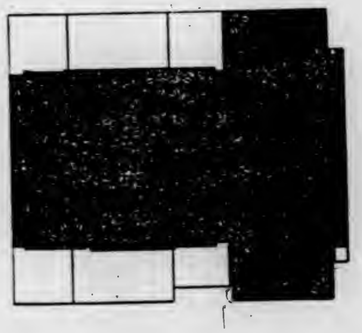
FOR CANNED FISH.
Claims use since July 26, 1927.

Reg. No. 239,250. Registered Feb. 28, 1928. SIMON GELFAND, doing business as Gelfand & Co. (Not Inc.), Baltimore, Md. Republished by Kraft Foods Company, Chicago, Ill., a corporation of Delaware.

BUTTER-NAISE

FOR MAYONNAISE.
Claims use since Aug. 20, 1926.

Reg. No. 338,177. Registered Sept. 1, 1936. THE W. J. MCCAHAN SUGAR REFINING & MOLASSES CO., Philadelphia, Pa. Republished by The American Sugar Refining Company, New York, N. Y., a corporation of New Jersey.



The drawing is lined to indicate that the several parts of the trade-mark are specifically colored. No claim is made, however, to the particular colors shown since color is not an essential feature of the mark. No claim is made to the shape of the carton.
FOR CANE SUGAR.
Claims use since May 3, 1932.

Reg. No. 378,306. Registered June 4, 1940. STANDARD MILLING COMPANY, New York, N. Y. Republished by Standard Milling Company, Chicago, Ill., a corporation of Illinois.

RED TURK

FOR WHEAT FLOUR.
Claims use since Aug. 16, 1911.

Reg. No. 382,942. Registered Nov. 19, 1940. STANDARD MILLING COMPANY, New York, N. Y. Republished by Standard Milling Company, Chicago, Ill., a corporation of Illinois.

NORTHERN MAGIC

FOR WHEAT FLOUR.
Claims use since Sept. 9, 1939.

Reg. No. 382,943. Registered Nov. 19, 1940. STANDARD MILLING COMPANY, New York, N. Y. Republished by Standard Milling Company, Chicago, Ill., a corporation of Illinois.

NORTHERN Ace

FOR WHEAT FLOUR.
Claims use since Oct. 6, 1939.

Reg. No. 384,332. Registered Jan. 14, 1941. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

POTATINE

FOR POTATO FLOUR OR STARCH USED AS A FOOD.
Claims use since May 1915.

Reg. No. 385,304. Registered Feb. 25, 1941. STANDARD MILLING COMPANY, New York, N. Y. Republished by Standard Milling Company, Chicago, Ill., a corporation of Illinois.

GREEN DIAMOND

FOR WHEAT FLOUR.
Claims use since January 1935.

Reg. No. 385,781. Registered Mar. 18, 1941. STANDARD MILLING COMPANY, New York, N. Y. Republished by Standard Milling Company, Chicago, Ill., a corporation of Illinois.

PANE ALTO

FOR WHEAT FLOUR.
Claims use since Feb. 14, 1940.

Reg. No. 389,063. Registered July 22, 1941. CHARLESTON MILLING COMPANY, Charleston, W. Va., a corporation of West Virginia. Republished by registrant.



FOR WHEAT FLOUR.
Claims use since December 1940.

Reg. No. 396,382. Registered July 14, 1942. STANDARD MILLING COMPANY, New York, N. Y. Republished by Standard Milling Company, Chicago, Ill., a corporation of Illinois.



FOR WHEAT FLOUR.
Claims use since Oct. 4, 1915.

Reg. No. 397,586. Registered Sept. 8, 1942. CRANBERRY CANNERS, INC., Hanson, Mass. Republished by National Cranberry Association, Hanson, Mass., a corporation of Delaware.

Ocean Spray

FOR CANNED DEHYDRATED CRANBERRY FLAKES.
Claims use since Mar. 5, 1942.

Reg. No. 400,054. Registered Feb. 16, 1943. CONTINENTAL COFFEE COMPANY, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.



The representation of a carton is disclaimed.
FOR TEA.
Claims use since July 12, 1940.

Reg. No. 400,719. Registered Mar. 30, 1943. CONTINENTAL COFFEE COMPANY, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.

CONTINENTAL

CONTINENTAL COFFEE COMPANY.

FOR COFFEE, TEA, MUSTARD, GELATIN DESSERTS, BAKING POWDER, MAYONNAISE, AND SALAD DRESSING.
Claims use since March 1915.

Reg. No. 401,748. Registered June 8, 1943. C. F. SIMONIN'S SONS, INC., Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

POPSIT

FOR EDIBLE VEGETABLE OIL FOR USE AS A COOKING OIL, SEASONING OIL, OR AS A SHORTENING.
Claims use since Feb. 9, 1942.

Reg. No. 402,239. Registered July 13, 1943. CHARLESTON MILLING COMPANY, Charleston, W. Va., a corporation of West Virginia. Republished by registrant.

44

FOR WHEAT FLOUR.
Claims use since July 1930.

Reg. No. 402,262. Registered July 13, 1943. CONSOLIDATED TEA COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SWEE-TOUCH-NEE

FOR TEA.
Claims use since 1938.

Reg. No. 406,285. Registered Mar. 21, 1944. SPRINGBROOK PACKING CO. COOPERATIVE, Springbrook, Oreg., a corporation of Oregon. Republished by registrant.

SPRINGDAY

FOR CANNED FRUITS AND VEGETABLES.
Claims use since Sept. 30, 1924.

Reg. No. 406,286. Registered Mar. 21, 1944. SPRINGBROOK PACKING CO. COOPERATIVE, Springbrook, Oreg., a corporation of Oregon. Republished by registrant.

SPRINGDELL

FOR CANNED FRUITS.
Claims use since May 1, 1923.

Reg. No. 406,287. Registered Mar. 21, 1944. SPRINGBROOK PACKING CO. COOPERATIVE, Springbrook, Oreg., a corporation of Oregon. Republished by registrant.

SPRINGWATER

FOR CANNED FRUITS.
Claims use since May 1, 1923.

Reg. No. 409,818. Registered Oct. 24, 1944. CONTINENTAL COFFEE COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

HAF-PAK

The word "Pak" is disclaimed.
FOR COFFEE.
Claims use since Mar. 10, 1943.

Reg. No. 410,661. Registered Dec. 12, 1944. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

Pillsbury's XXXX PATENT

FOR WHEAT FLOUR.
Claims use since Jan. 1, 1870.

Reg. No. 411,660. Registered Jan. 30, 1945. FRUEN MILLING COMPANY, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

Fruen's

FOR ROLLED WHEAT BREAKFAST FOODS.
Claims use since Sept. 1, 1894.

Reg. No. 412,778. Registered Mar. 27, 1945. COUNTRY GARDENS, INC., Gillett, Wis., a corporation of Wisconsin. Republished by registrant, present location Milwaukee, Wis.

CRYSTAL BROOK

FOR CANNED VEGETABLES.
Claims use since May 10, 1909.

CLASS 48

MALT BEVERAGES AND LIQUORS

Reg. No. 376,419. Registered Mar. 26, 1940. THE GEO. WIEDEMANN BREWING CO., INC., Newport, Ky., a corporation of Kentucky. Republished by registrant.



FOR BEER.
Claims use since on or about Jan. 1, 1882.

Reg. No. 379,035. Registered June 25, 1940. MINNEAPOLIS BREWING COMPANY, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

Friendly

FOR BEER.
Claims use since Aug. 15, 1937.

Reg. No. 379,037. Registered June 25, 1940. MINNEAPOLIS BREWING COMPANY, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

"The Friendly Beer"

The word "Beer" is disclaimed.
FOR BEER.
Claims use since Jan. 14, 1937.

Reg. No. 386,852. Registered Apr. 22, 1941. MINNEAPOLIS BREWING COMPANY, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

MINNEHAHA

FOR ALE.
Claims use since on or about Nov. 27, 1940.

Ser. No. 402,361. Registered July 13, 1943. MINNEAPOLIS BREWING COMPANY, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.



FOR BEER.
Claims use since Mar. 1, 1943.

Reg. No. 405,265. Registered Jan. 18, 1944. BURLINGTON BREWING COMPANY, Burlington, Wis., a corporation of Wisconsin. Republished by registrant.



The words "Van Merritt," "Brand," and "Beer" are disclaimed.
FOR BEER.
Claims use since about Jan. 1, 1941.

Reg. No. 412,856. Registered Mar. 27, 1945. CHR. HEURICH BREWING CO., Washington, D. C., a corporation of Virginia. Republished by registrant.



FOR MALT BEVERAGES—NAMELY, BEER AND ALE.
Claims use since Oct. 15, 1935.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Reg. No. 350,201. Registered Sept. 21, 1937. PEPSI-COLA COMPANY, Long Island City, N. Y., a corporation of Delaware. Republished by registrant.

PEPSI-COLA

FOR BOTTLE CLOSURES, PARTICULARLY CROWNS.
Claims use since Aug. 1, 1901.

Reg. No. 418,516. Registered Jan. 1, 1946. ARMSTRONG CORK COMPANY, Manheim Township, Lancaster County, Pa., a corporation of Pennsylvania. Republished by registrant.

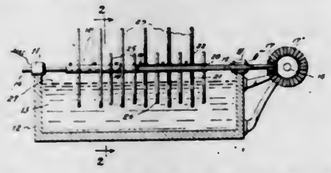
HYDROCORK

FOR BLOCKS OR SLABS OF CORK COMPOSITION FOR VARIOUS PURPOSES IN THE INDUSTRIAL ARTS.
Claims use since on or about Aug. 4, 1944.

PATENTS

GRANTED APRIL 6, 1948

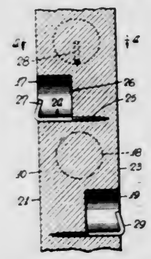
2,438,885
APPARATUS FOR ELECTROPLATING RINGS AND DISCS
Henderson M. Bell, III, Cleveland, Ohio, assignor to Chromium Corporation of America, New York, N. Y., a corporation of Delaware
Application October 16, 1943, Serial No. 506,546
1 Claim. (Cl. 204—212)



An apparatus for plating annular articles which comprises in combination a plating tank holding an electrolytic plating bath, open bearings mounted on top of opposite walls of said tank, a work-holding cathode shaft journaled in said bearings, means for rotating said shaft; said bearings and said rotating means permitting the lifting of the shaft and the work bodily out of said bearings and said tank; a plurality of work-holding hubs having elongated sleeve portions adapted to be slipped on said shaft in abutting relationship in such manner that the length of the sleeve portions determines the spacing of said articles and the shaft is protected from the plating bath, three annularly spaced spokes mounted on and radiating from each of said hubs, two of said spokes being of fixed and equal length while the third is adjustable in length, said spokes having outer ends adapted to engage the inner rims of said annular articles in order to support and hold said articles concentrically and in predetermined positions about said hubs, a plurality of anodes mounted in the tank inbetween and in spaced relationship with said articles, a shoulder on said shaft forming a stop against which said hubs are abutted to determine their spacing from said anodes, and means for supplying plating current to said shaft and said anodes.

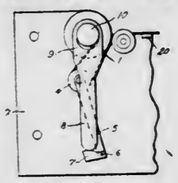
2,438,886
RACK
Edgar Belmont, Port Chester, N. Y.
Application February 3, 1945, Serial No. 576,059
3 Claims. (Cl. 211—178)

1. A rack of the character described, comprising a pole of polygonal cross-section defining a series of adjacent substantially plane side walls, said pole having a pointed end adapted to enter the ground and thereby support the pole in substantially upright position with said side walls in substantially vertical planes, said side walls having a plurality of recesses therein inclined at an angle to the horizontal with outer openings in certain of said side walls respectively, each recess extending only partially through the pole and being longitudinally offset from each adjacent recess in an adjacent side wall, and a hook fixed substantially within the confines of each recess and occupying less than the full height of said recess opening so as to permit access thereto for applying and removing an article to be suspended thereon, said hook having a shank with an inner portion thereof in fixed



engagement with the base of the recess, whereby the tendency of the pole to tip under load is minimized.

2,438,887
AUTOMATIC BRAKING DEVICE
Harry W. Allen, Dayton, Ohio
Application August 18, 1944, Serial No. 550,110
1 Claim. (Cl. 242—75)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

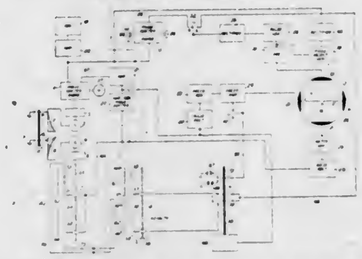


An automatic brake for intermittent web unreeling rolls comprising a rotatable reel shaft, a reel fixed on the shaft, a support therefor, a brake drum on the shaft, an elongated brake bar slidable longitudinally on said support radially in relation to the drum and having its medial line arranged in a radial plane of the shaft and drum, a shoe yoke formed on the bar having an opening therein receiving the said drum loosely therewithin, said opening being elongated in the direction of sliding movement of the bar to clear the drum at times, resilient means coengaged between the support and brake bar tending to apply the shoe to the drum in one direction of sliding movement of the bar, a brake release arm pivoted a distance from said shaft and closely adjacent said radial plane of the shaft, the free end of the arm being toward the shaft and movable toward and from said plane between the shaft and the pivot of the arm, an idler roll carried by the free part of the brake release arm positioned to receive thereabout a loop of web when such loop is extended from said reel generally at a substantial angle across said plane, and a crank arm fixed with the release arm engaged across and bearing on a part of the brake bar, said crank arm extending from the release arm in a direction to move the bar against action of said resilient means under pull of a web loop engaged around said idler.

2,438,888
RADIO OBJECT DETECTOR TRAINING DEVICE

Ernest G. Andrews, Baldwin, N. Y., and Orfeo Cesareo, Washington Township, Bergen County, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application December 6, 1943, Serial No. 513,042
6 Claims. (Cl. 35—10)

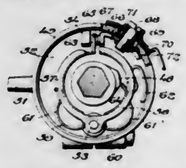


1. In an apparatus for training students in the art of radio locators the combination of a source of base phase and frequency, means for varying the phase of a wave from said source in accordance with the changing position of a point movable over a given course, an oscilloscope, means responsive to said wave of varying phase for generating a linear trace on the oscilloscope screen, means responsive to said wave of varying phase for producing a reference mark in said trace, means responsive to a wave of the base phase for producing in said trace a moving object mark representing the location of said point, and means controlled by the student for varying the phase of said last-mentioned base wave to move said object mark into juxtaposition with said reference mark.

2,438,889
TIMER FOR INTERNAL-COMBUSTION ENGINES

Thomas R. Arden, Danbury, Conn., assignor to Bard-Parker Company, Inc., Danbury, Conn., a corporation of New York

Original application December 10, 1943, Serial No. 513,752, now Patent No. 2,412,195, dated December 10, 1946. Divided and this application April 23, 1946, Serial No. 664,260
3 Claims. (Cl. 200—30)



1. A timer comprising a rotatable cam, a housing surrounding said cam, a pair of opposed substantially semi-circular breaker arms pivoted at adjacent ends to said housing and having their other ends free, spring means tending constantly to rock said arms to urge their free ends against one another and to swing the two arms as a unit in one direction, an abutment carried by said housing to be engaged by the leading arm as regards the direction of unitary swinging movement of said arms by said spring means thus to limit unitary swinging movement of said arms by said spring means, a back contact carried by said leading breaker arm, a fixed contact carried by said housing, and a projection carried by the trailing breaker arm and engageable by said cam whereby said trailing breaker arm is rockable by said cam in a direction counter to the direction in which it is urged by said spring means, said trailing breaker arm being rockable by said cam a greater amount than is required to permit said spring means to rock the leading breaker arm to engage its contact with said fixed contact, whereby the free end of said trailing arm becomes spaced from the free end of said leading breaker arm to be caused by said spring means to strike the free end of said leading breaker arm a hammer-like blow to cause quick separation of said contacts when the cam releases said trailing breaker arm.

2,438,890
METHOD OF MAKING BITUMEN COATED FIBROUS MATERIAL

Charles M. Baskin, Toronto, Ontario, Canada, assignor to Standard Oil Development Company, a corporation of Delaware

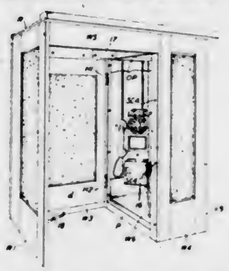
No Drawing. Application July 29, 1944, Serial No. 547,278
4 Claims. (Cl. 117—30)

1. The method of preparing a water repellent bituminous coating composition capable of adhering in damp weather to a moist surface which comprises impregnating a fibrous material with a bituminous saturant and coating said material with a pulverized asphalt of high melting point mixed with a powdered metallic salt of stearic acid.

2,438,891
TELEPHONE BOOTH

Harry I. Beardsley, Chatham, N. J., and Howard W. Meehan, Scarsdale, N. Y.; said Beardsley assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York, and said Meehan assignor to American Telephone and Telegraph Company, a corporation of New York

Application May 11, 1944, Serial No. 535,152
2 Claims. (Cl. 20—3.5)

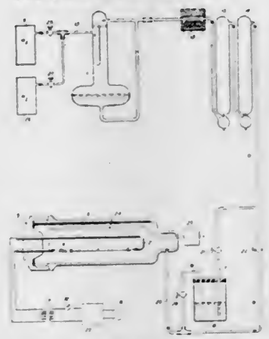


1. A telephone booth having a rear wall, two side walls, a front wall section and a roof, a partition having a door dividing said booth and forming in cooperation with one of said side walls, a portion of said rear wall and roof a compartment for the patron using the booth, said partition cooperating with the remaining portion of said rear wall, the other of said side walls and said front wall section to form a compartment for the telephone apparatus, the said one side wall cooperating with said front wall section and said roof to form an entrance for the booth, said door in the open position giving access to the telephone apparatus from the first-mentioned compartment.

2,438,892
ELECTRICAL TRANSLATING MATERIALS AND DEVICES AND METHODS OF MAKING THEM

Joseph A. Becker, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application July 28, 1943, Serial No. 496,417
9 Claims. (Cl. 250—31)



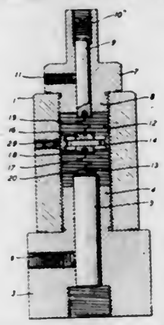
1. The combination in an electrical translating device of a translating element comprising a metallic base having a layer of silicon deposited thereon, and a fine spring contact wire making a point-contact with the surface of said silicon layer.

3. An electrical translating element for the translation of microwaves comprising a base of a metal of the group consisting of tantalum, platinum, tungsten and molybdenum having a layer of silicon deposited and fused thereon.

2,438,893
TRANSLATING DEVICE

Carl A. Bieling, Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application December 29, 1943, Serial No. 516,051
9 Claims. (Cl. 250—31)



1. The combination in a translating device of an insulating housing, a plurality of translating units mounted within said housing and connected in electrical series with each other, each translating unit comprising an element of rectifying material and a fine contact wire making a point-contact engagement with the surface of said element, and adjustable means mounted on said insulating housing for adjusting the pressure of each of said contact wires on the associated rectifying element.

2,438,894
PRODUCTION OF DERIVATIVES OF 3-SUBSTITUTED 2,4 DIKETONES

Albert B. Boese, Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation, a corporation of New York

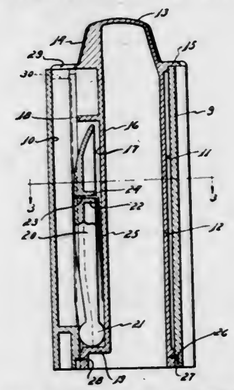
No Drawing. Application July 7, 1945, Serial No. 603,754
8 Claims. (Cl. 260—483)

6. Process which comprises hydrolyzing a γ-cyanoethyl dione-2,4 substituted in the γ-position with a radical selected from the group consisting of the alkyl and aralkyl radicals, by heating such dione and water in the presence of an hydrolysis catalyst, thereby splitting off an acyl group from said dione, and forming a γ-acetyl butyric acid substituted in the γ-position with a radical selected from the group consisting of the alkyl and aralkyl radicals.

2,438,895
CRAYON CONTAINER

Joseph A. Bouffard, Garden City, and John G. Greemen, Detroit, Mich., assignors to Cecil B. Gates, Detroit, Mich.

Application May 26, 1945, Serial No. 596,022
5 Claims. (Cl. 120—23)



1. A device of the class described for reception of elongated bodies comprising: an outer shell having a central bore and provided with a plurality of circumferentially spaced apart compartments, opening at one side into the bore; a core rotatably mounted in said bore and projecting at one end beyond the end of said bore; a peripheral flange upon the projecting end of said core, overlying and covering the ends of said compartments, said core being rotatable relatively to said shell and having a notch formed in said flange adapted for successive registration with said compartments upon relative rotation of said shell and said bore.

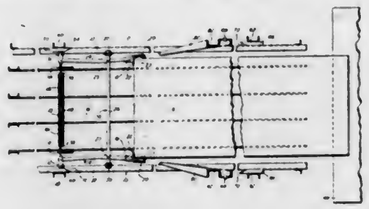
2,438,896
MULTIPLE PRESS LOADING AND/OR UNLOADING APPARATUS

Rees Tate Bowen, Adam W. Head, and Frank G. Lesniak, Laurel, Miss., assignors to Masonite Corporation, Laurel, Miss., a corporation of Delaware

Application August 5, 1942, Serial No. 453,698
12 Claims. (Cl. 214—1)

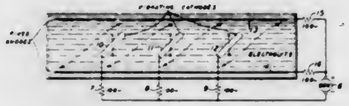
1. An apparatus for loading and unloading multi-platen presses with sheets, comprising a rack containing a multiplicity of compartments

and a pair of sheet gripping members associated with each compartment and movably mounted therein, said gripping members of all compartments being connected and adapted to be moved



simultaneously within the limits of the compartments and therebeyond, and movable means mounted on the rack to simultaneously actuate the gripping members of each compartment away from each other.

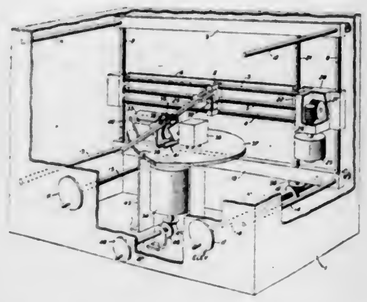
2,438,897
METHOD OF PLATING CONTACT SURFACES OF MAGNETIC REEDS
John T. L. Brown, Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application August 26, 1943, Serial No. 500,049
1 Claim. (Cl. 204—23)



In the manufacture of electrical apparatus consisting of glass sealed magnetic reed contact elements, the step of plating the contact surfaces of the reeds with a noble metal by placing each of a plurality of said reeds in an individual cathode circuit including an individual fixed resistance of approximately 100 ohms and completing said circuits in parallel through a noble metal plating electrolyte to a common anode to render the current in each said individual cathode circuit substantially uniform and equal to the current in each other of said parallel circuits regardless of variations in the individual resistances of the reeds.

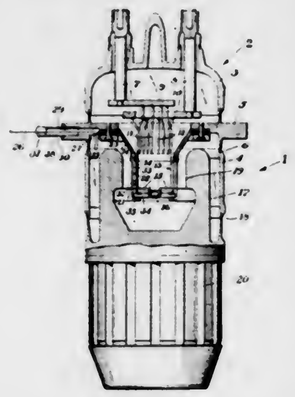
2,438,898
RADIO OBJECT LOCATING SYSTEM TRAINING DEVICE
Thaddeus C. Campbell, Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 6, 1943, Serial No. 513,041
11 Claims. (Cl. 35—10)

1. In a mechanism for simulating courses of movement of an object in space, said object being related to a reference point by a dimension which varies in magnitude, the combination of a driving shaft, a movable element associated with said shaft, means for operating said shaft for driving said element along a path to generate courses which simulate the courses of said object, means for translating said movable element to any desired position to select any desired course, means controlled by said movable element for varying an electrical quantity to represent the variation in said dimension caused by the movement of the



object along said selected course, and means for utilizing said varying electrical quantity.

2,438,899
ELECTRON DISCHARGE DEVICE
Paul Georges Chevigny and Gerard J. Lehmann, New York, N. Y., assignors to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application June 26, 1944, Serial No. 542,076
10 Claims. (Cl. 250—27.5)



1. An electron discharge device comprising an envelope, a plurality of electrodes mounted therein, means within said envelope reactively coupling two of said electrodes with one another, a relatively low impedance lead at high frequencies at which the electron device is adapted to operate, extending through said envelope and connected to one of said two electrodes, and a relatively high impedance lead at said high frequencies extending through said envelope and connected to the other of said two electrodes, the reactive coupling between said two electrodes being low at said high frequencies whereby through said coupling said low impedance lead may supply high frequency potential to both of said two electrodes to maintain them at substantially the same high frequency potential.

2,438,900
PROCESS FOR SEPARATING BENZENE HEXACHLORIDE ISOMERS
William Herbert Cooke, Liverpool, and James Crosby Smart, Widnes, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application April 2, 1945, Serial No. 586,260. In Great Britain April 3, 1944
13 Claims. (Cl. 260—648)

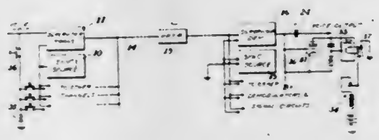
1. A process for treating crude benzene hexachloride to obtain a mixture of isomers containing an enhanced proportion of the γ-isomer, which comprises extracting the crude benzene hexachloride with an amount of a selective solvent taken from the class consisting of aliphatic hydrocarbons, chlorinated aliphatic hydrocarbons, and cycloaliphatic hydrocarbons having a 6-carbon atom ring sufficient to dissolve γ-isomer and leave a substantial proportion of the α-isomer undissolved, and separating the solid α-isomer from the γ-isomer-enriched solution.

2,438,901
ORIENTED POLYMERIC SHEATH
Charles D. Coxe, Bridgeport, Conn.
Application July 19, 1944, Serial No. 545,679
5 Claims. (Cl. 2—21)



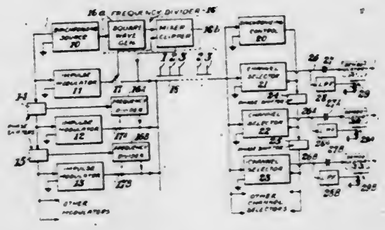
1. An anatomical sheath or cover formed of polymeric material, at least an effective part of the sheath body having substantial molecular orientation in the circumferential direction, said part by reason of such orientation being substantially larger in circumference than the member to be encased thereby, and being capable of permanent axial extension and concomitant circumferential contraction to transform said part to the diameter and shape of said member and to cause said part to fit said member snugly.

2,438,902
PULSE MULTIPLEX SYSTEM EMPLOYING FIXED PULSE-TIME DISPLACEMENT FOR SIGNALING
Edmond M. Deloraine, New York, N. Y., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application October 4, 1943, Serial No. 504,881
8 Claims. (Cl. 179—15)



6. In a multi-channel transmission system wherein each channel of the system comprises a train of impulses displaced in time in accordance with the intelligence to be transmitted, the impulses of each channel being spaced in time with respect to one another to enable separation, a signaling system for operating a signal controlled device over any selected channel to indicate a call, comprising transmitter means for each channel to produce and transmit a train of impulses, signal means for operating on said selected transmitter to produce a fixed displacement of the impulses from said selected transmitter, individual receivers for receiving said trains of impulses from the respective transmitters, signal responsive devices for each of said receivers, and means responsive to said fixed displacement to operate said signal device at the selected receiver.

2,438,903
PULSE COMMUNICATION SYSTEM EMPLOYING PULSE FREQUENCY REDUCTION FOR SIGNALING
Edmond M. Deloraine, New York, and Donald D. Grieg, Forest Hills, N. Y., assignors to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application October 11, 1943, Serial No. 505,778
6 Claims. (Cl. 179—15)

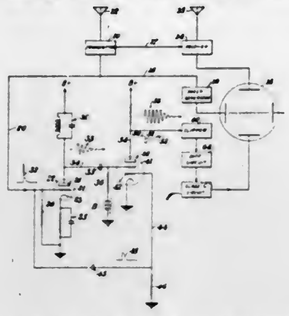


5. In a multi-channel communication system wherein communication is carried on between a plurality of transmitters and a corresponding plurality of receivers over a common transmission medium, each of said transmitters providing a train of impulses spaced apart by a regular time interval to produce a cadence frequency above the highest frequency at which intelligence is normally to be transmitted, and each of said receivers serving to receive and demodulate the corresponding train of impulses from the transmitters and apply it to an individual output line, a system for selectively signaling from any one of said transmitters to the corresponding receiver comprising a frequency divider means for each said transmitter to provide for reduction of said cadence frequency to a signal frequency, means for selectively connecting each frequency divider in the output of its corresponding transmitter, and signal responsive means tuned to respond to said signal frequency, coupled to the output transmission line at each receiver.

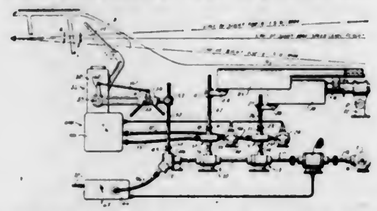
2,438,904
TIMING SYSTEM
Louis A. de Rosa, Staten Island, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J., a corporation of Delaware
Application November 23, 1942, Serial No. 466,557
13 Claims. (Cl. 250—27)

13. A method of producing a short wave train having a series of oscillations of substantially constant amplitude comprising producing a wave having a decay characteristic which determines

the duration thereof, and compensating the decrease of energy of said wave at a rate substantially proportionate to the progressive decay thereof.



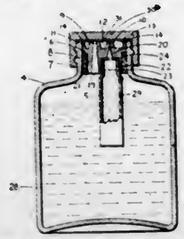
2,438,905
AUTOMATIC COMPENSATING GUN CONTROL SYSTEM
Harry L. Donicht, Richard F. Fischer, and Ernest B. Baldridge, Dayton, Ohio
Application April 18, 1941, Serial No. 389,200
10 Claims. (Cl. 89—41)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



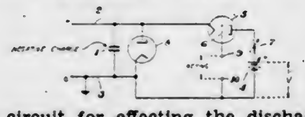
2. In combination with an aircraft, a plurality of guns mounted thereon, adjusting means for varying the angle of elevation of each of said guns with respect to the longitudinal axis of said aircraft, reversible power means for actuating said adjusting means, control means responsive to changes in velocity of said aircraft for controlling said power means to maintain the plane of fire of said guns substantially parallel with the instant flight path of said aircraft and separate means independent of said power means and associated with each respective gun adjusting means to cause an additional variation in the elevation thereof to compensate for the change in trajectory with the computed value of the range of a target object.

2,438,906
CLOSURE
William D. Elsas, Kew Gardens, Paul Lowengardt, Forest Hills, and Alexander Scheftel, New York, N. Y.
Application April 21, 1945, Serial No. 589,542
1 Claim. (Cl. 215—6)

A dispensing container having two separate compartments and a mouth opening, a stopper for insertion into said mouth opening to seal the same and having a pair of spaced apart discharge openings formed therein, each of said discharge openings leading to one of the separate compartments, and a separate projection formed about each of said discharge openings at the upper end of the stopper, said projections having separate concave saucer-like depressions having edges located in substantialy the same plane upon the upper surfaces of said projections in communication with said discharge openings for facilitating the return of liquid therein to the discharge openings for dispensing, the width of each saucer-like depression being more than twice its depth.



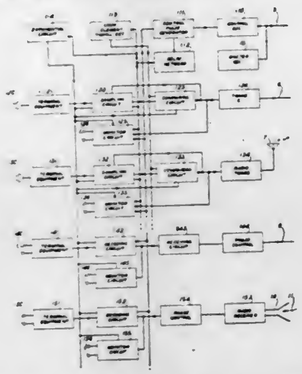
2,438,907
CONDENSER DISCHARGE CONTROL CIRCUIT
Sidney Frankel, Forest Hills, and Martin Silver, New York, N. Y., assignors to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application November 2, 1944, Serial No. 561,610
10 Claims. (Cl. 320—1)



1. A circuit for effecting the discharge of a storage capacitor charged to a potential of a given polarity, comprising voltage means for supplying a potential to said capacitor in opposition to the charge thereon, normally blocked coupling means connecting said voltage means to said capacitor, means responsive to a keying potential for unblocking said coupling means whereby the potential of said voltage means charges said capacitor to a given point, and means for maintaining said capacitor charged to said given point by providing a low impedance path across said capacitor, said last named means being rendered operative when the capacitor has been charged to said given point.

2,438,908
PULSE CODE MODULATION COMMUNICATION SYSTEM
William M. Goodall, Oakhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 10, 1945, Serial No. 592,958
13 Claims. (Cl. 179—1.5)

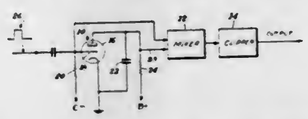
10. In a communication system for the transmission of complex wave forms representing information, apparatus for sampling the instantaneous amplitude of said wave form at predetermined intervals of time, equipment for generating a continuously varying exponential wave for each of said samples, means for adding together the magnitude of said sample and the exponential wave individual thereto, apparatus operative at predetermined instants of time during said wave for reducing the magnitude of said sample when said sum exceeds the predetermined quantity, other apparatus operative incident to the reduction of said sample for the transmission of a pulse of a predetermined character, equipment responsive to said pulses, other equipment for generating another exponential wave for each series of said pulses, apparatus for varying the magnitude of each of the pulses of a given series and equipment for reconstructing a complex wave from said pulses of varying magnitude.



2,438.909
POLYMERS OF LINEAR FORMALS
William F. Gresham, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Original application May 6, 1941, Serial No. 392,127. Divided and this application January 8, 1945, Serial No. 571,956
10 Claims. (Cl. 260—2)

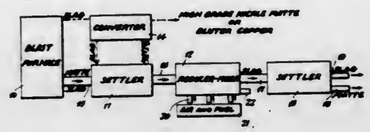
1. A process of making polymerization products from an alkyl hydroxyalkyl formal consisting of introducing an alkyl, hydroxyalkyl formal into a reaction zone and subjecting it therein to polymerization in the presence of an inorganic acid catalyst and thereafter neutralizing the catalyst to stabilize the polymer.

2,438,910
PULSE GENERATOR
Donald D. Grieg, Forest Hills, N. Y., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application December 20, 1943, Serial No. 514,999
8 Claims. (Cl. 250—27)



1. The method of producing an edger pulse comprising producing from a rectangular input pulse a shaped pulse at least one edge of which is curved, mixing the energy of this shaped pulse with the input pulse energy in opposite polarity to said input pulse to produce a pulse portion one edge of which is substantially vertical according to one of the vertical edge portions of the input pulse, and the other opposite edge is curved according to said curved edge, said vertical edge portion being contiguous to said opposite curved edge.

2,438,911
PROCESS FOR RECOVERING METAL VALUES FROM SLAGS
Anton Martin Gronningsaeter, New York, N. Y., assignor to Falconbridge Nickel Mines, Limited, Toronto, Ontario, Canada, a corporation of Canada
Application April 21, 1945, Serial No. 589,674
17 Claims. (Cl. 75—24)

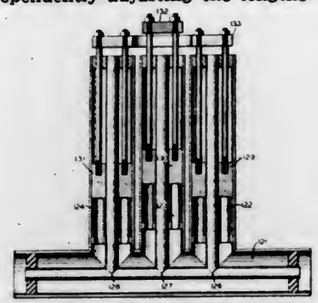


1. In the method of treating at least two slags of differing composition obtained in the production of nickel and copper by smelting ores of those metals, said slags containing a relatively small but valuable amount of nickel and copper in the form of oxides, silicates and sulfides and a relatively large amount of iron compounds mostly in the form of silicate and relatively small amounts in the form of magnetite and sulfide, one of the slags being relatively high in iron and high in sulfides of copper, nickel and iron in solution in the iron silicate, the other slag being relatively low in iron and low in sulfides of copper, nickel and iron in solution in the iron silicate, the improvement which comprises passing the slags while molten into a reducing and mixing zone, collecting a body of matte in a quiescent zone below the reducing and mixing zone and maintaining the body of matte in contact with the superposed body of slags to facilitate settling out of matte prills, mixing the combined molten slags above the quiescent body of matte sufficiently to salt out a substantial amount of the sulfides of copper, nickel and iron held in solution by the slag high in iron, subjecting the molten slags while undergoing mixing to reduction with a reducing agent at a suitably elevated temperature, said reducing agent being employed in amount sufficient selectively to reduce the oxides and silicates of the nickel and copper, converting the reduced nickel and copper into sulfides of nickel and copper with iron sulfide, said reducing agent being employed in amount insufficient to reduce a substantial amount of the iron compounds present in the slags, permitting the resulting mixture to remain substantially quiescent in a settling zone, allowing matte prills to merge with matte at the bottom of the settling zone, and separating the final slag from the final matte containing the desired nickel and copper.

2,438,912
IMPEDANCE TRANSFORMER
William W. Hansen and John R. Woodyard, Garden City, and Morris Relson, Kew Gardens, N. Y., assignors to The Sperry Corporation, a corporation of Delaware
Application June 29, 1942, Serial No. 448,992
17 Claims. (Cl. 178—44)

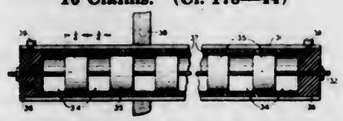
6. An impedance transformer for transforming an arbitrary impedance to another desired impedance, comprising a section of transmission line connected to said arbitrary impedance, a pair of concentric transmission lines connected in shunt to said first section and spaced a

quarter-wavelength apart therealong, and means for independently adjusting the lengths of said



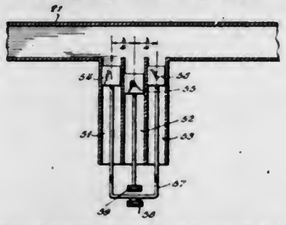
shunt lines, whereby said desired impedance may be derived at the other end of said first section.

2,438,913
HIGH-FREQUENCY FILTER STRUCTURE
William W. Hansen, Garden City, N. Y., assignor to The Sperry Corporation, a corporation of Delaware
Original application October 31, 1941, Serial No. 417,229. Divided and this application September 2, 1942, Serial No. 457,095
16 Claims. (Cl. 178—44)



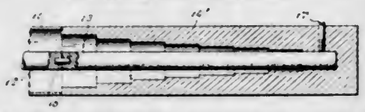
1. A high frequency filter comprising coextensive inner and outer conductors, means providing a plurality of axially separated sections of relatively small interconductor spacing within said filter, and means providing a plurality of axially separated sections of relatively large interconductor spacing within said filter alternating with said first sections and being equal in length to said first sections, the relative interconductor spacing in said sections being such that said filter suppresses high frequency energy and passes low frequency and unidirectional wave energy.

2,438,914
WAVE GUIDE IMPEDANCE TRANSFORMER
William W. Hansen, Garden City, N. Y., assignor to The Sperry Corporation, a corporation of Delaware
Application June 19, 1943, Serial No. 491,429
5 Claims. (Cl. 178—44)



1. An adjustable wave guide impedance transformer comprising a principal wave guide section, a plurality of further wave guide sections connected in shunt with said principal section and respectively spaced apart a distance substantially equal to one-quarter wavelength at the operating frequency, an adjustable shorting means for each of said further sections, and means for adjusting two of said shorting means independently of one another to transform an impedance at one end of said principal section to a desired value at the other end of said principal section.

2,438,915
HIGH-FREQUENCY TERMINATING IMPEDANCE
William W. Hansen, Garden City, N. Y., assignor to The Sperry Corporation, a corporation of Delaware
Application July 30, 1943, Serial No. 496,715
5 Claims. (Cl. 178—44)



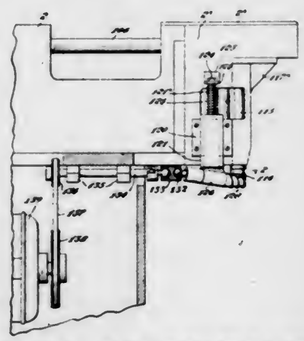
5. A high frequency terminating impedance comprising a section of concentric transmission line having an outer resistive conductor of uniform inner diameter and uniform resistance per unit length, and an inner conductor whose diameter varies in steps along the length thereof, said steps being selected to provide a constant ratio of successive step diameters along said section.

2,438,916
WORK HOLDING NEST
Harald Havstad, Northport, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application September 24, 1945, Serial No. 618,343
3 Claims. (Cl. 51—161)



1. In a lapping mechanism, a work holding nest comprising a circular metallic plate and a metallic ring attached to the periphery of said plate for maintaining it under tension, said plate being of a metal with a coefficient of thermal expansion substantially greater than that of said metallic ring.

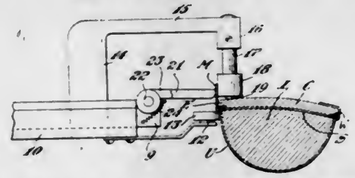
2,438,917
APPARATUS FOR LASTING FOOTWEAR
Jacob S. Kamborian, West Newton, Mass.
Application December 30, 1943, Serial No. 516,303
18 Claims. (Cl. 12—7)



1. In a lasting machine of the kind having upper gripping means, including a rotating work-

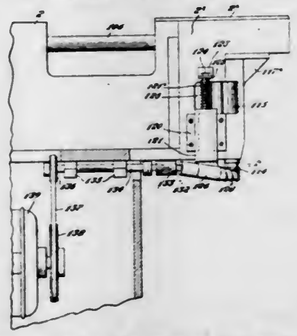
engaging roll, designed to stretch the upper snugly about the last and wherein the point of application of the stretching force is progressively shifted relatively to the last along the periphery of the last, a tapering rotating wiper having a helical wiping element, means for rotating the wiper, and means for supporting the wiper so that its point of effective engagement with the work is progressively shifted relatively to the last concomitantly with the shift in the point at which the pulling stress is applied.

2,438,918
METHOD OF AND APPARATUS FOR USE IN LASTING FOOTWEAR
Jacob S. Kamborian, West Newton, Mass.
Application September 28, 1944, Serial No. 556,108
18 Claims. (Cl. 12—1)



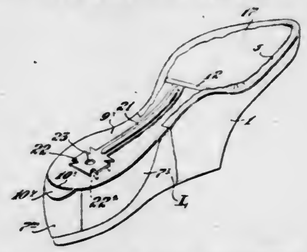
1. A machine of the class described comprising a hold-down engageable with a bottom surface of the shoe, an abutment element associated with the hold-down and which has a cylindrically curved surface engageable with the inner surface of the upturned marginal portion of the upper and so arranged as to tend to hold said marginal portion upright, a wiper element movable transversely across the edge of the shoe bottom in a path closely adjacent to the line of contact of the marginal portion with the abutment element, and means for moving the wiper element, the abutment being so located relatively to the wiper path that as the wiper advances it bends the marginal material around the abutment.

2,438,919
METHOD OF LASTING SHOES
Jacob S. Kamborian, West Newton, Mass.
Original application December 30, 1943, Serial No. 516,303. Divided and this application January 15, 1945, Serial No. 572,771
7 Claims. (Cl. 12—145)



1. That method of lasting a shoe which comprises as steps applying up-drafting stress to a narrow area of the margin of the upper, thereby to draw the upper snugly about the last, shifting the point of application of such up-drafting stress uninterruptedly along the margin in such a way that as a fresh area of the margin is subjected to such stress an area just previously subjected to stress is relieved of such stress, and wiping each successive area of the margin, as the up-drafting stress is being released therefrom, inwardly across the edge of the last bottom by a smooth uninterrupted screw thrust whose point of application to the margin is constantly and progressively shifted without intermission at the same rate that the point of application of inwiping stress is shifted so as always to remain at the same distance from the point of application of up-drafting stress.

2,438,920
SHOE COUNTER
Jacob S. Kamborian, West Newton, Mass.
Original application September 22, 1943, Serial No. 503,338. Divided and this application November 1, 1945, Serial No. 626,110
3 Claims. (Cl. 36—68)



1. A counter for a shoe comprising a single piece of sheet material shaped to conform to the contour of the rear portion of the shoe which is to be made, said counter having side walls substantially coextensive with the quarter portions of said shoe, the rear ends of said side walls terminating in overlapping flaps which collectively form a double thickness rear wall for the counter, and a continuous bottom wall integral with each side wall and coextensive with the heel and shank portions of said shoe.

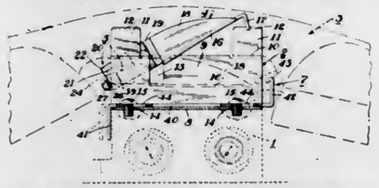
2,438,921
RETAINING MEANS FOR EXPANSIBLE LASTS
Jacob S. Kamborian, West Newton, Mass.
Application November 27, 1946, Serial No. 712,677
4 Claims. (Cl. 12—103)



1. The retaining device for use with a longitudinally expansible shoe last, comprising independent heel and forepart portions having substantially parallel, opposed faces and a guide rod fixed at one end in one of the last parts and sliding in a bore in the other last part, said retaining device comprising a body portion having substantially parallel front and rear surfaces spaced apart a distance equalling the desired maximum spacing of the desired last parts, said body portion comprising means for engagement with the guide

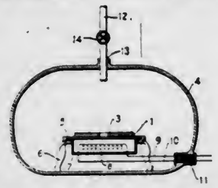
rod, thereby to suspend the retaining device in the proper operating position between the last parts, and handle means for manipulating the retaining device.

2,438,922
TELEPHONE SET
Camillo A. Knorr, East Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application February 12, 1945, Serial No. 577,472
6 Claims. (Cl. 179—100)



1. In a telephone set, a cradle member, a support, a shaft rotatably mounted on said support, a lever attached to said shaft and turnable within the said cradle, spring means normally urging said lever to an upward position, and a switch actuated by the turning of the said shaft, whereby said lever is adapted to be moved downwardly and said switch actuated upon the placing of a hand set in said cradle.

2,438,923
METHOD AND MEANS FOR MAKING SELENIUM ELEMENTS
Chester A. Kotterman, Livingston, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y., a corporation of Delaware
Application February 11, 1943, Serial No. 475,568
5 Claims. (Cl. 175—366)



1. The method of making a selenium element which comprises applying a layer of vitreous selenium to a carrier plate, heating to cause melting of the selenium layer on the carrier plate, cooling the molten selenium to cause solidification and then subjecting the plate to an elevated gas pressure while heating it to a temperature not exceeding the melting point of selenium.

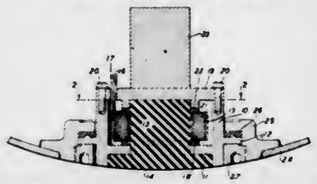
2,438,924
MUZZLE CLOSURE DEVICE FOR GUNS
Alexander E. Kramer, Hyattsville, Md., and Victor F. Lucht, Washington, D. C.
Application October 30, 1946, Serial No. 706,786
17 Claims. (Cl. 89—31)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

14. In combination, a gun barrel, a hydraulic recoil system for absorbing recoil of said gun barrel, a closure means for said gun barrel bore, operating means connected to said recoil system to open and close said closure means, means connected with said operating means to cause the same to hold said closure means in an open position, means associated with said holding means to render the same ineffective and means after



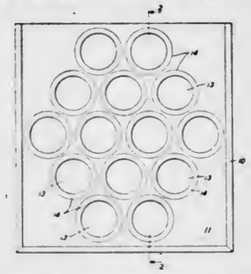
said last mentioned means has become ineffective for returning said operating means to a position to cause said closure means to close.

2,438,925
MAGNETOSTRICTIVE SUBMARINE SIGNAL TRANSMITTER OR RECEIVER
Hubert K. Krantz, Rockville Centre, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application August 18, 1944, Serial No. 549,972
7 Claims. (Cl. 177—386)



2. A signaling device comprising a pliable compressional wave energy transmitting body, an annular, radially vibratile magnetostrictive core encompassing said body and in intimate energy transferring relation therewith, and a signal coil in electromagnetic coupling relation with said core.

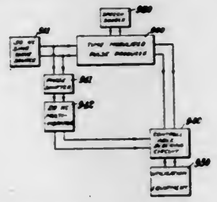
2,438,926
MAGNETOSTRICTIVE SUPERSONIC TRANSDUCER
Edward E. Mott, Upper Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application August 18, 1944, Serial No. 549,970
8 Claims. (Cl. 177—386)



1. A submarine signaling device comprising a plurality of substantially identical, circular, radially vibratile magnetostrictive elements arranged in rows to define a substantially diamond-shaped blanket, the longitudinal axes of said elements being substantially parallel and the inner annular faces of said elements being exposed in energy transferring relation to a compressional wave transmitting medium, the elements in adjacent rows being in staggered relation, and compressional wave energy insulating means between

the outer annular faces of contiguous elements, each of said elements being of a diameter substantially equal to one wavelength of a preassigned frequency and the distance between center lines of said rows being substantially equal to one half said wavelength.

2,438,927
MODULATION MEANS AND METHOD
Emile Labin, New York, and Donald D. Grieg, Forest Hills, N. Y., assignors to Federal Telephone and Radio Corporation, a corporation of Delaware
Application August 24, 1942, Serial No. 455,899
16 Claims. (Cl. 179—171.5)

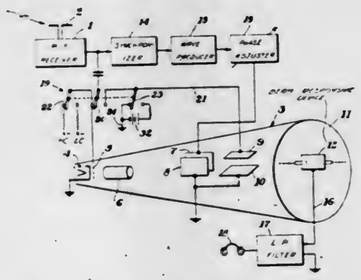


1. A time modulation system comprising a source of foundation waves having a frequency

$$\frac{M}{2}$$

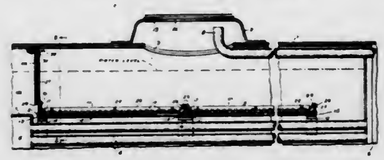
times the desired pulse recurrence frequency—where M is an integer greater than 2, means for producing a pulse in response to each passage of said foundation wave through a predetermined amplitude level, a blocking circuit, means for deriving from said source a control wave, means for applying said produced pulses to said blocking circuit, and means for applying said control wave to said circuit for passing only every Mth one of said produced pulses.

2,438,928
CATHODE-RAY TUBE PULSE DEMODULATOR SYSTEM
Emile Labin, New York, and Donald D. Grieg, Forest Hills, N. Y., assignors to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application November 13, 1944, Serial No. 563,152
15 Claims. (Cl. 250—27)



1. A demodulator for time modulated pulses comprising means for producing a beam of energy, means for causing said beam to sweep through a cyclic movement in synchronism with the timing of said pulses in the absence of modulation, whereby coincidence of said pulses and a given part of said beam movement is varied in proportion to the amount of time modulation of said pulses, and means for causing a flow of electrical energy proportional in amplitude to the degree of coincidence of said pulses and said given part of the cyclic movement of said beam.

2,438,929
FOAM SUPPRESSING APPARATUS
Walter B. Leaf, Denver, Colo.
Application April 15, 1946, Serial No. 662,166
10 Claims. (Cl. 252—361)



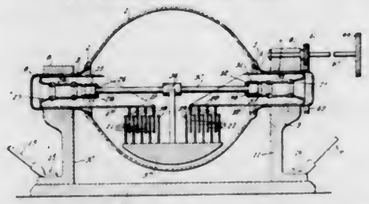
1. In apparatus for retarding foam and froth formation in boilers and pressure vessels inclusive of a container for a body of liquid subject to evaporating influences and having foam producing bubbles rising therethrough, the improvement which comprises means within the body of liquid under treatment in the boiler providing a plurality of elongated horizontal recesses of upwardly decreasing width providing narrow slits along the top thereof for the escape of fluid moving upwardly therethrough whereby bubbles rising concurrently through said body of liquid enter said recesses and are brought into coalescing engagement as they approach said slits.

2,438,930
SHOULDER PAD
Louis G. Lenske, Los Angeles, Calif., now by change of name Gene Shelly
Application April 11, 1945, Serial No. 587,751
1 Claim. (Cl. 2—268)



A shoulder pad for garments comprising a flexible member adapted for attaching to the inside of a shoulder of a garment and including back and chest portions extending downwardly at the upper portions of the back and chest of a person wearing the garment, padding material secured in layers to the member under the shoulder portion thereof and at its outer edge with the layers gradually reduced in length and width relatively to provide feathered edges for said layers, and a padding material secured to the outer edge of the shoulder portion and extending downwardly outside of the member and adapted for positioning in the upper portion of a sleeve of the garment, the second-mentioned padding material extending downwardly along the back and chest portions of said member and gradually increasing in thickness toward the outer edge of said member.

2,438,931
VARIABLE CONDENSER
Charles V. Litton, Redwood City, Calif., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application March 15, 1944, Serial No. 526,526
6 Claims. (Cl. 175—41.5)



1. A variable condenser comprising a first fixed bearing, a second fixed bearing in alignment with said first bearing, a first metallic sleeve rotatably mounted in said first fixed bearing, said sleeve being closed at the end away from said second bearing, a second metallic sleeve rotatably mounted in said second bearing, said second sleeve being closed at the end away from said first bearing, an envelope of insulating material mounted between said sleeves and forming with said sleeves a unitary structure which is rotatable in said bearings, a first group of rotor plates attached to said first sleeve within said envelope, a second group of rotor plates attached to said second sleeve within said envelope, a group of stator plates adapted for capacitive cooperation with said groups of rotor plates, means to mount said stator plates rotatably within said first and second metallic sleeves, means to insulate said stator plates from said sleeves, and a weighted member attached to said stator plates and adapted to maintain said stator plates in substantially fixed position by gravity when said sleeves are rotated.

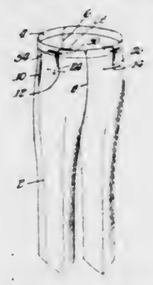
2,438,932
METHOD AND MEANS FOR TESTING CABLES
Arthur Mahren, Long Island City, N. Y., assignor to Federal Telephone and Radio Corporation, East Newark, N. J., a corporation of Delaware
Application September 23, 1943, Serial No. 503,508
8 Claims. (Cl. 175—183)



1. Braided cable line testing apparatus including, in combination, a base, a pair of uprights on opposite ends of said base, metallic means on one of said uprights for clamping a pair of braided cables in spaced relationship, a pair of spaced metal rods attached to the other upright and extending longitudinally toward the first upright, means for attaching the braid on the other ends of the cables to said rods to hold the cables in parallel relationship between said rods and said clamping means, a short-circuiting bar longitudinally slidable on said metal rods, and means supported from said other upright controlling the position of said short-circuiting bar.

8. The method of determining the characteristics of a braided cable line at high frequencies which comprises the steps of providing a pair of spaced-apart metal rods having a surface of relatively low resistance material, the diameters of said rods corresponding to that of the braided cable to be measured, applying high frequency energy to said metal rods, the wave length of said high frequency energy being selected to be substantially twice the physical length of said rods, measuring the effective resistance of said rods, applying the same high frequency energy to a pair of similarly spaced-apart braided cables each having a physical length substantially equal to that of said metal rods and to one-half the wave length of the high frequency energy, and measuring the effective resistance of said braided cables, whereby the conductor resistance of said braided cable line will be substantially equal to the measured resistance thereof less the measured resistance of the two metal rods.

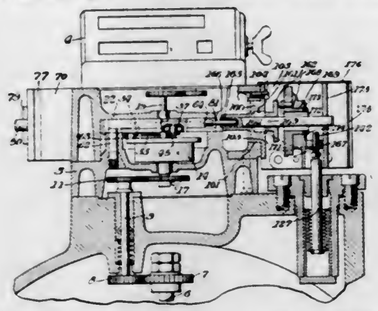
2,438,933
TROUSERS
Louis Markin, Chicago, Ill., assignor to Society Brand Clothes, Inc., a corporation of Illinois
Application April 8, 1944, Serial No. 530,169
5 Claims. (Cl. 2—235)



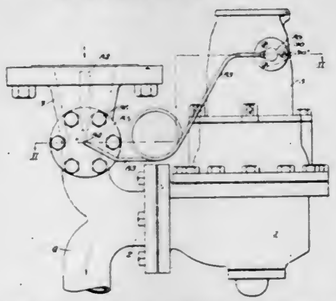
1. A pair of trousers having the usual rear seam, front opening, side pockets and rear pockets, and having the usual waistband, said trousers being provided with a pair of vertical openings each extending from the top edges of the waistband and severing the waistband, said openings extending downwardly through the cloth attached to but located below the waistband to a point over each rear pocket to provide an opening thereat and forming adjustable flaps adapted to pivot about the base of the opening, said base being reinforced to resist tearing of the fabric at said pivotal point, each of said flap portions carrying cooperative parts of an adjustable fastener, which parts are adapted to shift relatively and substantially transversely of the vertical axis of the opening and to be adjustably fastened in substantially any shifted position within the limits of said fastener whereby adjustably to increase or decrease the size of the waistband of said trousers.

2,438,934
TEMPERATURE COMPENSATED METER
Walter H. Marsh, Crafton, Pa., assignor to Rockwell Manufacturing Company, a corporation of Pennsylvania
Application January 17, 1941, Serial No. 374,859
9 Claims. (Cl. 73—233)

8. In a fluid metering apparatus of the type that includes a variable ratio drive means; the combination with said variable ratio drive means of movable means having a substantially plane surface to vary the driving ratio thereof; a pivoted bracket; a member rotatably carried by said bracket and having an extension located eccentrically and adapted to engage said surface; temperature responsive means connected to move said bracket about its pivot; and means for manually adjusting said variable ratio drive means independent of the temperature responsive means.



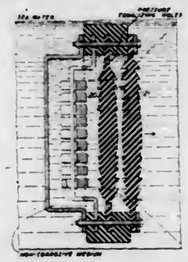
2,438,935
TEMPERATURE COMPENSATED METER
Walter H. Marsh, Crafton, Pa., assignor to Rockwell Manufacturing Company, a corporation of Pennsylvania
Continuation of application Serial No. 244,596, December 8, 1938. This application June 28, 1943, Serial No. 492,541
26 Claims. (Cl. 73—233)



1. The combination comprising a register, a fluid flow responsive mechanism for measuring the flow of fluid therethrough, a plurality of one way drive means between said register and fluid flow responsive mechanism, a track providing an orbit to govern the movement of the one way drive means, and temperature responsive means for varying said track to correct for changes in temperature of the fluid being measured.

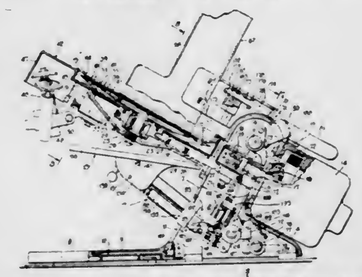
2,438,936
ELECTROMECHANICAL TRANSDUCER
Warren P. Mason, West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application October 6, 1943, Serial No. 505,159
1 Claim. (Cl. 177—386)

In ultrasonic compressional wave transmitting means the combination of a plurality of transducers mounted in closely adjacent relationship and having an aggregate comparatively great area of transmitting surface, the individual surfaces of said transducers being substantially in a common surface whereby a wave conforming in shape to said surface is transmitted therefrom, a housing for said transducers, a plurality of lens shaped diaphragms for closing the open end of said housing and directly in the path of a beam transmitted from the surfaces of said transducers for retaining within said housing a liquid transmission medium and for excluding therefrom the sea water in which said device will be immersed, said diaphragms being formed of elastic material having a high index of refraction to ultrasonic compressional waves whereby the waves transmitted therethrough are dispersed in a beam widened successively by each said lens shaped diaphragm, said elastic material having transmission characteristics closely



approaching the transmission characteristics of sea water, a liquid transmission medium filling said housing and the space between said diaphragms for transmitting waves from the faces of said transducers to and through said diaphragms, said liquid medium having transmission characteristics closely approaching the transmission characteristics of sea water and apertures in a diaphragm both of whose faces are in contact with said liquid medium for equalizing the pressure in said different bodies of said liquid medium.

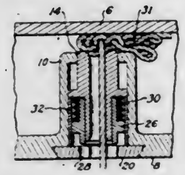
2,438,937
SLICE RECEIVING MECHANISM FOR RECIPROCATING CARRIAGE SLICING MACHINES
Charles L. Metzler, Palisades Park, N. J., assignor to Globe Slicing Machine Co. Inc., Stamford, Conn., a corporation of New York
Application April 4, 1944, Serial No. 529,505
10 Claims. (Cl. 146—94)



2. The combination of a frame, a knife operatively mounted on said frame, a hanger movably mounted on said frame, an object holder on said hanger to be actuated with said hanger into and out of cutting relation with said knife, a bracket pivotally connected to said hanger, a step by step control mechanism mounted on said hanger, means for anchoring said bracket to said control mechanism effective to lower said bracket a predetermined slice thickness distance with each reciprocation of said hanger, and a slice receiving tray having an arm operatively connected to said

bracket, said anchoring means including a pawl and ratchet mechanism and being releasable when said tray and arm are manually lifted to return said tray and arm to its initial raised position and turned about the axis of the ratchet.

2,438,938
SEWING MACHINE SHUTTLE
Carl A. Newhall, Peabody, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application December 5, 1946, Serial No. 714,197
2 Claims. (Cl. 112—233)



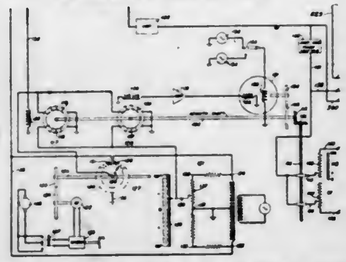
1. A shuttle for shoe sewing machines, comprising a hollow casing, a thread supply holder forming a closure for the shuttle casing provided with a hollow stud projecting into the casing through which the thread passes to the outer side of the holder, and means for removably locking the thread holder to the shuttle casing comprising a locking slide in the end of the thread holder arranged to move across the end of the thread holder and to engage a groove in the shuttle casing and pair of plungers in the hollow stud, one of which plungers is pressed against the thread engaging the inner surface of the shuttle casing to provide a tension on the thread and the other of which plungers is pressed against the slide to lock it in position, in combination with a sleeve inside the stud for stopping movement of the tension plunger when an enlargement in the thread passess between said tension plunger and the shuttle casing before the tension plunger reaches a position where slide releasing movement of the locking plunger is blocked by the tension plunger.

2,438,939
QUICK-COOKING RICE AND PROCESS FOR MAKING SAME
Ataullah K. Ozai-Durrani, Stuttgart, Ark., assignor to General Foods Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application March 23, 1942, Serial No. 435,902
22 Claims. (Cl. 99—80)

1. A quick-cooking rice product comprising dried, separate, substantially gelatinized rice grains having of the order of twice their original volume and a porous structure capable of ready hydration to individual grains having the soft, palatable character of ordinary cooked rice.

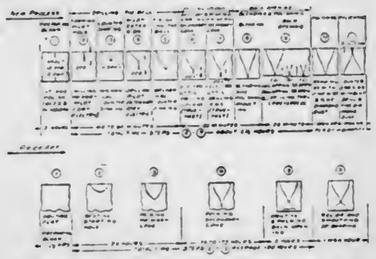
5. A process of preparing a quick-cooking rice product which comprises cooking rice in water to gelatinize the starch and cause swelling of the grains for a period sufficient to increase the moisture content of the grains to at least about 65–70% but not great enough to cause substantial damage thereto, then cooling the grains to prevent further gelatinization of the starch, and thereafter drying the swollen grains by removing moisture from their surfaces at a rate sufficiently faster than it can diffuse thereto from their interiors as to set them in their enlarged condition and produce a porous structure therein.

2,438,940
RANGE AND AZIMUTH SIMULATING SYSTEM FOR RADAR INSTRUCTION
Douglas H. Pennoyer, Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 6, 1943, Serial No. 513,076
8 Claims. (Cl. 35—10)



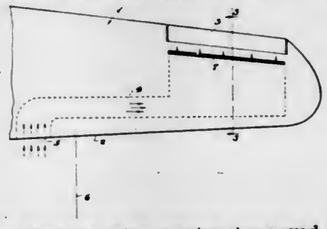
1. In a mechanism for simulating courses of movement of an object in space, said object being related to a reference point by a dimension which varies in magnitude, the combination of a driven member, the instant position of which represents the magnitude of said dimension, means for preselecting a desired one of said courses, automatic means for operating said driven member to simulate the selected course, means controlled by said driven member for varying an electrical quantity to represent the variation in said dimension caused by the movement of the object along said course, and means for utilizing said varying electrical quantity.

2,438,941
DIAMOND DIE PRODUCTION AND THE LIKE
Chauncey G. Peters, Calvert County, Md., Forest K. Harris, Washington, D. C., Walter B. Emerson, York County, Maine, Irvin L. Cooter, Arlington, Va., and Karl F. Neffien, Elkins, W. Va., assignors to the United States of America as represented by the Secretary of Commerce
Application December 23, 1946, Serial No. 718,094
6 Claims. (Cl. 125—30)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



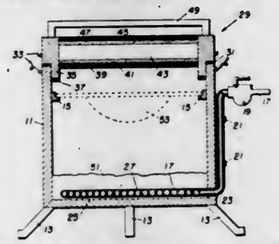
1. The method of producing from a diamond blank of approximately 1.5 mm. thickness a diamond die for the drawing of fine wire which consists in electronically dry-drilling a pilot hole in the diamond to a depth of about 2 to 3 times its entrance diameter; mechanically countersinking said hole to a generally conical shape having an entrance diameter greater than its depth; electronically dry-drilling a further pilot hole from the apex of said countersunk hole again of relatively narrow entrance diameter compared to its depth; again mechanically countersinking said hole to a generally conical shape conforming to the entrance diameter of said first countersinking operation; electrolytically drilling a reduction and bearing portion extending from the apex of said countersunk hole; effecting a junction of said extension with a smoothly lapped back-opening surface; and relieving said bearing portion at its junction with said smoothly lapped surface.

2,438,942
WING AIR SLOT
Edwin H. Polk, United States Navy
Application June 11, 1943, Serial No. 490,437
2 Claims. (Cl. 244—40)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. An airplane wing having improved aileron response at low airspeeds, with fore and aft longitudinal beam members tapering toward the outer end of the wing, an aileron hinged to the trailing edge of said wing at its outer end, a slot in the upper surface of the wing ahead of the aft beam member opposite said aileron, a rearwardly directed passage in said wing connected to said slot, an air passage in the propeller slip stream extending from the leading edge of the wing through the thick portion of the fore beam member, and an air conduit from said last named passage to said rearwardly directed passage, whereby the thinner portion of the aft beam member is not weakened by any passages for the air directed toward the aileron.

2,438,943
SANDBLASTING MACHINE
Albert J. Porcelli, New York, N. Y.
Application December 23, 1946, Serial No. 718,097
5 Claims. (Cl. 51—8)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A sandblasting machine comprising a tank adapted to contain a quantity of sand, a conduit adapted to conduct compressed air to the interior of said tank, the portion of the conduit within said tank being convoluted over the floor of said tank and having a plurality of perforations adapted to facilitate upward flow of air, means for controlling the flow of compressed air and means for suspending an object in said tank.

2,438,944
CRYSTAL CONTACTS OF WHICH ONE ELEMENT IS SILICON
Charles Eric Ransley, Sudbury, England, assignor to The General Electric Company Limited, London, England
No Drawing. Application February 24, 1944, Serial No. 523,748. In Great Britain March 22, 1943
16 Claims. (Cl. 250—31)

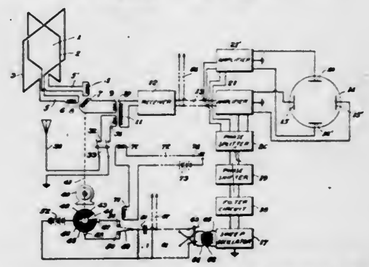
1. In the manufacture of an electrical crystal contact device of the kind in which the semi-conducting crystal contact element is mainly silicon, the production of said silicon contact element by a process which includes the step of introducing into the silicon a determinate quantity of at least one of the two metals chromium and molybdenum, the quantity of such additive being at least of the order of 10% of the silicon.

2,438,945
COMB
Harry E. Rhodes, Kent, Ohio, assignor to Pareo Manufacturing Company, Cuyahoga Falls, Ohio, a partnership
Application March 6, 1946, Serial No. 652,288
2 Claims. (Cl. 132—11)



2. A comb comprising a back and teeth extending therefrom in the plane thereof, said back having longitudinally extending, transversely concave recesses at opposite sides thereof extending the full length of said back for receiving adjacent fingers of a person's hand, said recesses being curved outwardly of said teeth from opposite ends of the back to accommodate correspondingly curvate condition of said fingers longitudinally thereof, the portion of said back between said recesses being thickest intermediate said ends of the back and tapering outwardly.

2,438,946
RADIO DIRECTION FINDING SYSTEM
Avery G. Richardson, Boonton, N. J., and Frank O. Chesus and Frank G. Thomas, Islip, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J., a corporation of Delaware
Application February 20, 1943, Serial No. 476,596
5 Claims. (Cl. 250—11)



1. In a radio direction finding system having a directional receiving antenna and a translator having a continuously rotating means for deriving from the received energy a voltage which

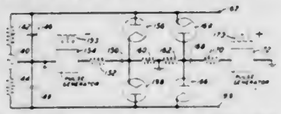
varies with the angular position of said rotating means and with the direction of said received energy, the combination of means for producing sweep voltages, an oscillograph controlled by said sweep voltages and said derived voltage, a sweep oscillator, having an output voltage for controlling said sweep voltages producing means, a pulsing circuit for producing pulses at a predetermined angular position of said rotating means, and means for applying said pulses to said oscillator for synchronizing said output voltage with said derived voltage, whereby said oscillograph indicates the direction line of said received energy.

2,438,947

ELECTRONIC MODULATION AND MODULATION CORRECTION CIRCUITS

John W. Ricke and Robert J. Shank, New York, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application July 28, 1943, Serial No. 496,410
9 Claims. (Cl. 179—171.5)



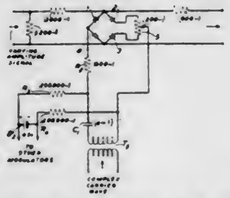
8. The combination which comprises a balanced electrical wave generator, a balanced two-way conducting electronic valve switching circuit adapted to operate only in response to recurrent control pulses, a pair of output terminals and a pair of balanced coupling circuits comprising resistive and capacitative elements electrically coupling said generator to said switching circuit and to said output terminals, said switching circuit being connected electrically in shunt relation across said output terminals.

2,438,948

MODULATING SYSTEM

Robert R. Riesz, Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application January 21, 1944, Serial No. 519,109
3 Claims. (Cl. 179—171.5)



1. The method of operation of a modulator of the type consisting of a plurality of non-linear impedance elements connected in a balanced bridge arrangement across the two diagonals of which sources of signal and carrier waves to be combined are respectively connected, which consists in reducing the input level of the carrier wave applied to the bridge arrangement to a sufficiently low value so that the impedance variation of said non-linear impedance elements is low throughout the carrier cycle, and applying a direct current bias to the bridge arrangement in the conducting direction such as to minimize the effect of capacity on carrier balance and to provide the optimum amount of bias current to give the maximum modulator operating range.

2,438,949

ELECTRIC INSULATION COMPOSITION OF POLYVINYL CHLORIDE AND POLYALKYLENE POLYSULFIDE

Thomas Robertson Scott and Archibald Alan New, London, England, assignors to Standard Telephones and Cables Limited, London, England, a British company

No Drawing. Application July 2, 1943, Serial No. 493,290. In Great Britain July 3, 1942
4 Claims. (Cl. 260—33)

1. A solid rubber-like electrical insulating composition, sufficiently hard and tough for use as the external covering of field wire and substantially free from plastic flow at ordinary atmospheric temperatures, that comprises a mixture containing the following components in the proportions, based on total weight of the mixture, as follows:

Plasticized polyvinyl chloride comprising equal parts of polyvinyl chloride and plasticizer	Two-thirds
A rubbery solid organic polysulfide consisting of the reaction product of an aliphatic alkylene dihalide with a water-soluble alkaline polysulfide	20%–30%

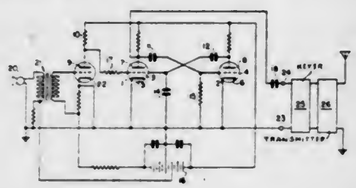
the remainder of the mixture comprising a rubber vulcanization accelerator to serve as a plasticizer for the rubbery solid organic polysulfide component.

2,438,950

PULSE FREQUENCY MODULATION

Carl Harrison Smith, Jr., Washington, D. C.

Application April 18, 1944, Serial No. 531,593
3 Claims. (Cl. 179—171.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



2. The method of generating, at variably spaced intervals, uniform impulses of current in a vacuum tube having a grid and capable of being cyclicly blocked and unblocked comprising applying a variable positive voltage to a grid of a blocked vacuum tube to raise the grid potential and unblock the tube, applying an abrupt positive impulse to the grid when the tube unblocks to drive the tube to saturation, and applying a negative voltage to the grid a fixed time thereafter while the tube is substantially in saturation to drive the tube from saturation to below cutoff, thereby blocking the tube.

2,438,951

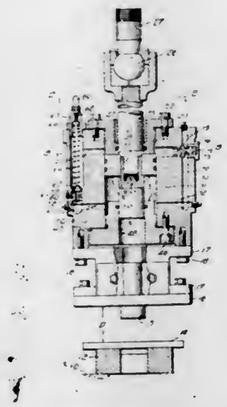
HYDRAULIC OVERLOAD-RELEASE DEVICE OR CUSHION FOR PRESSES

William T. Stephens, Cleveland, Ohio, assignor to Hydraulic Control Engineering Company, Cleveland, Ohio, a corporation of Ohio

Application October 3, 1944, Serial No. 557,045
13 Claims. (Cl. 164—86)

1. A hydraulic cushion for use with a press having a fixed bed and a movable ram, comprising in

combination, a punch holder, a slide adapted to carry said holder, a uniform sectioned space in said slide, a piston operable in said space, means securing said piston for movement with said ram, a passage connecting the chambers on opposite



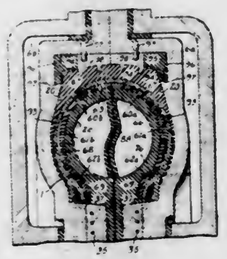
sides of said piston, and a relief valve biased to close said passage to resist movement of the piston in relation to the slide, said valve being set to open at a pressure in said space between that necessary for the operation of the press and that which might damage the same.

2,438,952

METHOD FOR CURING PNEUMATIC TIRES

Theodore A. Te Grotenhuis, Olmsted Falls, Ohio, assignor to The General Tire & Rubber Company, Akron, Ohio, a corporation of Ohio

Application April 20, 1944, Serial No. 531,920
19 Claims. (Cl. 18—53)



6. In a method of making a pneumatic tire, the steps which comprise pressing the material of the tire to be cured between the inner rigid surface of a mold and a soft, vulcanized rubberlike composition, passing a high frequency electric field through selected portions of said material to form heat in situ therein, regulating the intensity and duration of such high frequency field through selected portions of said tire to initially heat said selected portions to a higher temperature than the temperature of other portions, and by conduction from said selected portions and from a source external of the tire heating the remainder of the tire to a vulcanizing range.

2,438,953

THERMOPLASTIC LENS CEMENT

Horace C. Thuline, William F. Parsons, and George P. Waugh, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

No Drawing. Application June 8, 1943, Serial No. 490,082
6 Claims. (Cl. 260—27)

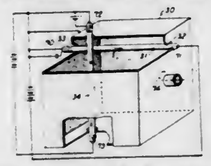
1. A lens cement consisting of a poly-α-methacrylate selected from the group consisting of poly-n-butyl-α-methacrylate and copolymers of n-butyl-α-methacrylate with an α-methacrylate selected from the group consisting of methyl α-methacrylate, ethyl α-methacrylate and n-propyl α-methacrylate, together with an ester of a polyhydric alcohol and hydrogenated abietic acid, the ester of the hydrogenated abietic acid constituting from 32.5 to 72.2 per cent of the combined weight of the poly-α-methacrylate and the ester of the hydrogenated abietic acid.

2,438,954

ELECTRONIC OSCILLATOR OF THE CAVITY RESONATOR TYPE

Charles H. Townes, Mendham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application November 12, 1941, Serial No. 418,697
6 Claims. (Cl. 250—36)



6. An electronic oscillator comprising a hollow resonating chamber and a pair of electron tubes disposed within said resonating chamber with the axes of the tubes mutually perpendicular.

2,438,955

INSECTICIDE COMPRISING MONO-ALKYLATED DIPHENYLENE SULFIDES AND METHOD OF USING SAME

Sager Tryon, Long Island City, and Peter La Roche de Benneville, New York, N. Y., assignors to Allied Chemical & Dye Corporation, a corporation of New York

No Drawing. Application October 2, 1944, Serial No. 556,890
12 Claims. (Cl. 167—33)

1. An insecticide adapted for combating larvae of chewing insects comprising a monoalkylated diphenylene monosulfide, the alkyl group of which contains from 3 to 6 carbon atoms, admixed with a carrier therefor.

2,438,956

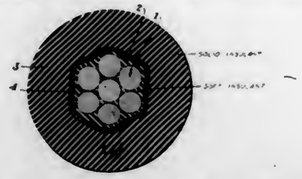
HIGH-FREQUENCY CABLE

Arthur J. Warner, South Orange, N. J., assignor to Federal Telephone and Radio Corporation, Newark, N. J., a corporation of Delaware

Application December 24, 1942, Serial No. 470,069
1 Claim. (Cl. 174—114)

A high frequency cable comprising a stranded core, the conductors of which are thinly coated and the interstices of which are filled with a soft flexible but solid low molecular weight polystyrene containing a low-loss plasticizer whereby no air spaces are permitted between and about the con-

ductors and corona discharge is prevented, and a relatively high molecular weight hydrocarbon di-



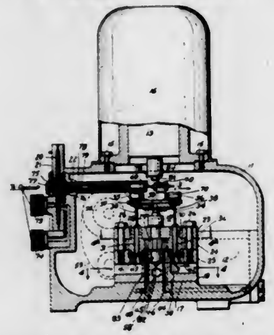
electric which is predominantly relatively high molecular weight polystyrene surrounding the coated core and bonded to the coating.

2,438,957

RUDDER MACHINE FOR AUTOMATIC PILOTS

Guido Wünsch, Bruno Weinkauff, Walter Sadowski, and Herbert Kobischke, Berlin, Germany; vested in the Attorney General of the United States

Application November 20, 1940, Serial No. 366,364
In Germany December 22, 1937
4 Claims. (Cl. 103—41)



1. In apparatus of the character described, a double-acting gear pump comprising a driving gear and two driven gears and having two output passages, a hollow sleeve integral with and concentrically formed on each said driven gears, a valve plunger slidably engaged in the bore of each of said sleeves, an intermediate control member for oppositely operating said plungers, elastic wire links connecting the end portions of said control member with said plungers for actuating the latter, the ends of said elastic wire links being rigidly connected to said control member and said valves respectively, a leaf spring for suspending said control member intermediate its length, a pneumatic impulse receiver, and means for operating said member from said receiver.

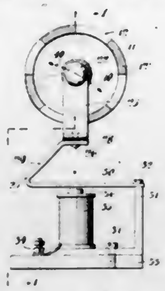
2,438,958

VIBRATION ACTUATED INDICATOR

Edmund Abrahamson, Baldwin, N. Y.

Application August 31, 1945, Serial No. 613,778
10 Claims. (Cl. 177—329)

1. A movable indicator comprising, in combination, an electromagnet; an armature associated with said electromagnet, said armature being resiliently biased towards, and capable of vibrating about, a central portion; a first bearing member carried by said armature to be vibrated thereby; and an indicator having a second bearing member, said indicator being mounted for free rotation on said first bearing member, the frictional engagement between said bearing members being the means for converting vibra-



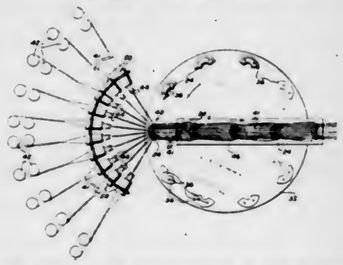
tory motion of the armature into rotary motion of the indicator.

2,438,959

METHOD OF ASSEMBLING ARCUATE TERMINAL BANKS

Leland A. Bartelheim, Berwyn, and Maurice W. Lane, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application December 12, 1942, Serial No. 468,808
17 Claims. (Cl. 29—155.55)



5. The method of assembling arcuate terminal banks, which comprises, longitudinally advancing pairs of insulation covered wires, twisting each pair between successive local zones, electrically connecting corresponding terminals of successive individual arcuate groups to the same pairs of wires at the successive zones, and thereafter assembling the groups in banks.

2,438,960

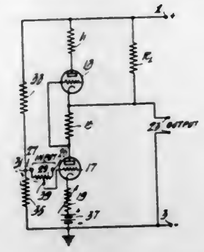
BALANCED AMPLIFIER

Daniel Blitz, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application March 30, 1945, Serial No. 585,603
6 Claims. (Cl. 179—171)

1. In a balanced amplifier including terminals for a source of unidirectional voltage, input and output electron discharge devices provided with cathode-anode circuits including three anode circuit resistors, said resistors and said anode-cathode circuits of said devices being connected in series across said source terminals and said discharge device being coupled in cascade, and output means connected between the cathode of said output device and the negative terminal of said voltage source, the improvement comprising a feedback circuit including impedance means having end terminals connected to said source ter-

minals and an intermediate terminal, and signal supply means connected between said intermedi-



ate terminal and the input circuit of said input device.

2,438,961

GAMMA-ACETYL PIMELIC ACID AND DIESTERS THEREOF

Albert B. Boese, Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation, a corporation of New York

No Drawing. Application May 29, 1945, Serial No. 596,587
7 Claims. (Cl. 260—483)

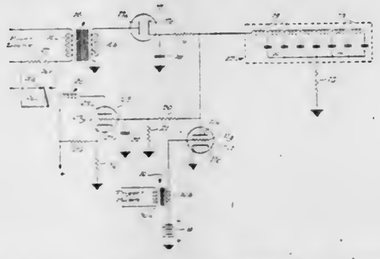
1. Process which comprises the step of hydrolyzing a γ-diacyl pimelonitrile wherein at least one acyl group is the acetyl group by heating such diacyl pimelonitrile in the presence of moisture and an hydrolysis catalyst, thereby splitting off one acyl group from said pimelonitrile and forming γ-acetyl pimelic acid.

2,438,962

PROTECTION OF THYRATRON IN IMPULSE GENERATING CIRCUITS

Ernest D. Burlingame, Eggertsville, Robert W. Carlson, Depew, Madison G. Nicholson, Jr., Snyder, and Maxwell C. Scott, Lancaster, N. Y., assignors to Colonial Radio Corporation, Buffalo, N. Y.

Application August 7, 1944, Serial No. 548,460
11 Claims. (Cl. 250—27)



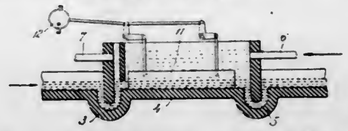
1. In a pulse generating circuit, in combination, a storage element, means for charging said element, a thyratron, having a cathode, a control electrode, and an anode, connected to said element for discharging the same, means for applying triggering impulses to a control electrode of said thyratron, and means operated by the potential difference between the cathode and anode of said thyratron and responsive to failure of said thyratron to de-ionize after said storage element is discharged, for limiting the current through said thyratron to a value less than that required to maintain ionization therein.

2,438,963

MANUFACTURE OF ALKALI METAL ALCOHOLATES

George Lewis Cunningham and Richard Sewall Robinson, Niagara Falls, N. Y., assignors to The Mathieson Alkali Works, Inc., New York, N. Y., a corporation of Virginia

Application October 17, 1942, Serial No. 462,404
5 Claims. (Cl. 204—72)



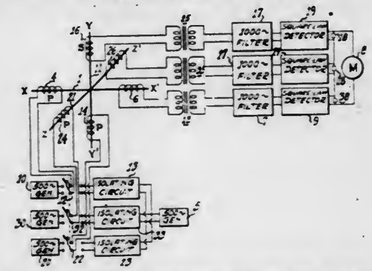
1. In the manufacture of alkali metal alcoholates involving the reaction of an anhydrous alcohol having from one to four carbon atoms and an alkali metal amalgam in the presence of an electrically conducting non-amalgamating electrode in contact with the alcohol and amalgam, the improvement which comprises cyclically causing relative movement between the electrode and the interface between the alcohol and the subjacent amalgam, said relative movement being transversely through the interface and without substantial agitation or circulation of the amalgam, any particular point on the working surface of said electrode being successively in contact with the amalgam and the alcohol, with its contact with the alcohol being from 20 per cent to 50 per cent of the cycle time.

2,438,964

MAGNETIC FIELD DETECTOR

David H. Cunningham, Haddonfield, and Herbert Belar, Palmyra, N. J., assignors to Radio Corporation of America, a corporation of Delaware

Application November 2, 1942, Serial No. 464,296
1 Claim. (Cl. 175—183)



A magnetic field detector including three similar cores of high permeability magnetic material fixedly disposed normal to each other in said field, a first winding on each of said cores, three separate similar sources of alternating current of substantially sine wave form, means for applying said current to each of said first windings from a different one of said sources, a second winding on each of said cores, a plurality of filter networks for deriving currents of a selected even harmonic of said applied currents, means connecting a separate one of said filter networks to each of said second windings, the amplitude of said selected even harmonic currents being a function of the strength of said field on the axes of each of said cores, three separate square-law detectors, means for applying the output currents from each of said filters to a different one of said detectors, means for indicating separately the output currents of each of said detectors,

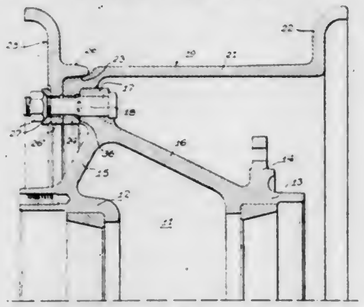
each of said output currents being proportional respectively to the square of the field intensity on the axis of different ones of said cores, means serially connecting said detectors for combining algebraically said detector output currents, and means for indicating said combined currents in terms of the algebraic sum of the squares of the field intensities on the axes of said cores.

2,438,965
SELF-SEALING FUEL TANK
Paul J. Dasher, Stow, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application November 4, 1941, Serial No. 417,787
4 Claims. (Cl. 154—43.5)



4. In a self-sealing fuel tank comprising a gasoline-impervious lining, a textile reinforcement, a sealing member, and a tear-resistant outer cover, a sealing member comprising a plurality of layers of a self-adherent composition comprising a rubbery material which swells in gasoline and a rubbery material which is insoluble in gasoline, and intervening layers of a tough resilient rubber-like material which will not swell substantially in gasoline between the self-adherent layers, and a layer of gas-expanded closed-cell sponge rubber, all adhered together.

2,438,966
WHEEL
Carolus L. Eksergian, Detroit, Robert B. Temple, Grosse Pointe Park, and Eugene P. Hawthorne, Detroit, Mich., assignors to The Budd Company, Philadelphia, Pa., a corporation of Pennsylvania
Application December 31, 1943, Serial No. 516,376
1 Claim. (Cl. 301—35)



A wheel comprising a bolting-on flange, a tire supporting rim including separable parts each having radial securing flanges provided with aligned openings, an annular recess being formed in the face of one of said flanges, means securing said flanges together including bolts extending through said openings and having flat-sided heads non-rotatably engaging the walls of said recess, and means securing said rim to said bolting-on flange including studs mounted in said bolting-on flange and extending through said securing flanges.

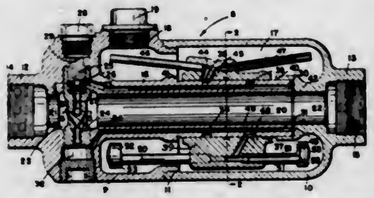
2,438,967
INDIUM-GOLD ARTICLE AND METHOD
Harold D. Ellsworth, Clinton, N. J., assignor to The Indium Corporation of America, New York, N. Y., a corporation of New York
No Drawing. Application May 21, 1943, Serial No. 487,931
4 Claims. (Cl. 29—183.5)

1. An indium-gold surfaced article which comprises a surface film composed of an indium-gold alloy the indium being present in proportion not less than 10% and the gold in proportion not less than 50% at the surface, an under layer of gold containing not over 8% of indium and an intermediate layer in which the proportion of indium increases gradually toward the surface.

2,438,968
PRODUCTION OF TEXTILE FILAMENTS, FIBERS, AND YARNS
Theophilus A. Feild, Jr., Edward W. Rugeley, and John L. Petrokubi, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation, a corporation of New York
No Drawing. Application March 4, 1943, Serial No. 478,010
5 Claims. (Cl. 57—157)

1. Process for producing from filaments of a vinyl resin formed by polymerizing a mixture of vinyl compounds including a vinyl halide, stretched yarns of excellent softness and high "loop-break" strength, which comprises surface coating each of at least two associated freshly spun continuous filaments of such a vinyl resin with finely-divided particles of a solid substantially water-insoluble inorganic compound which is not compatible with said vinyl resin, while said filaments contain residual volatile spinning solvent, forming the thus coated filaments into yarn, drying the yarn at a temperature below the softening point of the resin and removing residual solvent from the filaments, and subsequently stretching such coated filaments at least 100% while subjecting such filaments to steam at a temperature within the range between about 100° C. and about 160° C.

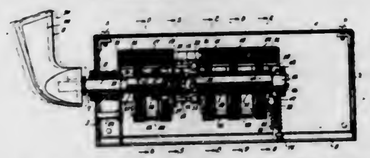
2,438,969
LUBRICATOR
Albert Feucht, Garfield Heights, Ohio, assignor, by mesne assignments, to Le Roi Company, Milwaukee, Wis., a corporation of Wisconsin
Application January 31, 1944, Serial No. 520,461
7 Claims. (Cl. 184—55)



1. In a device of the character described, a double-walled casing having a central opening

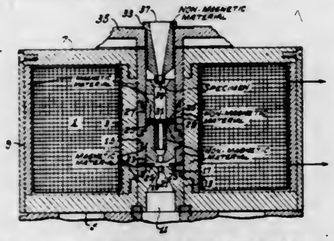
therethrough and a liquid reservoir therein, a member supported for rotation about an axis extending longitudinally of said central opening through said casing, said member having its center of gravity located to one side of its axis of rotation, conduit means in the inner wall of said casing and said member communicating with said central opening in said casing and with said liquid reservoir above the level of the liquid therein regardless of the position of said casing, and separate conduit means in the inner wall of said casing and said member communicating with the central opening of said casing and with said liquid reservoir below the level of the liquid therein regardless of the position of said casing.

2,438,970
PRESET SWITCH
Manfred L. Glogau, Shorewood, Wis., assignor to Allen-Bradley Company, Milwaukee, Wis., a corporation of Wisconsin
Application April 3, 1944, Serial No. 529,356
7 Claims. (Cl. 200—5)



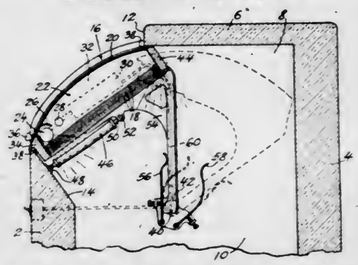
1. In a switch adapted to select a plurality of circuits the combination comprising, a shaft mounted for axial and rotative movement, means adapted to prevent rotative movement of said shaft except in a selected axial position, a plurality of circuit selecting contacts, means adapted to cause and maintain engagement of alternative groups of said circuit selecting contacts when said shaft is in selected rotative positions, a pair of control circuit contacts, and means adapted to cause engagement of the same when said shaft is in an axial position other than one in which it is capable of rotation.

2,438,971
COMPOUND ELECTRON OBJECTIVE LENS
James Hillier, Cranbury, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application October 31, 1946, Serial No. 706,901
17 Claims. (Cl. 250—49.5)



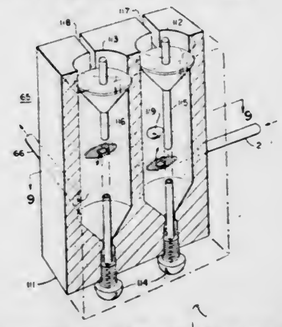
1. The method of providing a highly magnified image of a microspecimen comprising imaging said specimen at substantially unity magnification, providing an enlarged image of said unity magnification image of said specimen, effectively equally aperturing both of said images and controlling the magnification of both of said images to provide a focused highly magnified image of said specimen.

2,438,972
REFRIGERATED DISPLAY CASE
Cyrus F. Hoffman, Trenton, N. J., assignor to C. V. Hill & Company, Inc., Trenton, N. J., a corporation of New Jersey
Application June 9, 1944, Serial No. 539,581
3 Claims. (Cl. 20—40.5)



1. A refrigerated display case having an opening in the front thereof to provide access to the interior of the case, a door movable into and out of position to close said opening, a window in said door through which articles in the interior of said case may be viewed, said window embodying multiple glass panes carried by the door and located adjacent the interior of the case, a pane of glass spaced from said multiple glass panes and cooperating therewith to form a dead air space and illuminating means carried by the door and located in said dead air space adjacent an edge of the door to illuminate the interior of the case and heat said edge of the door and the air in said dead air space whereby freezing and sticking of the door and fogging of said window are prevented.

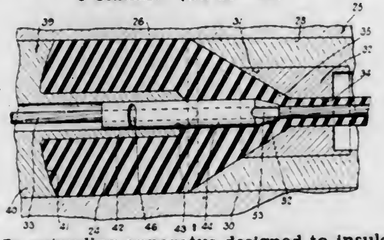
2,438,973
FLUID FLOW REGULATOR
Clarence Johnson, South Euclid, Ohio, assignor to Bailey Meter Company, a corporation of Delaware
Original application May 26, 1943, Serial No. 488,600, now Patent No. 2,420,430, dated May 13, 1947. Divided and this application December 18, 1943, Serial No. 514,785
7 Claims. (Cl. 277—60)



6. A pressure and flow regulator for low pressure gaseous fluids comprising a body having a chamber with vertical side walls, said chamber being closed at the bottom and open to the atmosphere at the top, a plug and stem assembly in said chamber and vertically movable therein, means guiding the stem and supporting the same with the plug near the top of the chamber, said plug having a close working fit with said vertical walls,

a slot through the body extending into the chamber and downwardly to near the plug top when supported, an inlet passage for delivering gas to said chamber near the lower end thereof, an exit passage through the wall of said chamber below said plug in its supported position, the weight per unit of exposed area of said plug being such that the gaseous fluid entering the chamber lifts the plug and causes the escape of sufficient fluid to atmosphere through the slot to reduce the exit pressure to that predetermined by the said weight, and means to prevent undesired movement of said plug resulting from a swirl or impact of said entering fluid.

2,438,974
EXTRUDING APPARATUS
David D. Jones, Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application May 11, 1944, Serial No. 535,104
6 Claims. (Cl. 18—13)

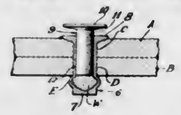


1. In extruding apparatus designed to insulate cores, such as conductors and the like, and including a body member having an elongated extrusion passage therethrough, a forming die having a circular extrusion opening therein positioned at one end of the passage, impelling means for forcing material into the extrusion passage at a point removed from the die and substantially at right angles to the longitudinal axis of the passage, and a core guide provided with a deflecting surface for causing insulating material entering the passage to flow towards the die, a core tube secured at one end thereof to the core guide and having the other end thereof adjacent to the die opening, thereby forming an extrusion orifice between the end of the core tube and the die opening, which core tube consists of a centrally-apertured, cylindrical body member having a generally frusto-conical tip on the end thereof adjacent to the die and having only on that side of the tip which is farthest away from the impelling means a flat surface lying in a plane which is parallel to and below a line tangent to the frusto-conical surface of the tip, whereby the cross sectional area of that portion of the extrusion orifice which is nearest to the flat surface is greater than the cross sectional areas of like portions of the remainder of the extrusion orifice.

2,438,975
AN ALKYL CELLULOSE STABILIZED WITH AN N,N,DIALKYLATED DIAMINE
John Edward Jones, Spondon, near Derby, England, assignor, by mesne assignments, to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application November 30, 1944, Serial No. 566,019. In Great Britain February 25, 1944
6 Claims. (Cl. 106—186)

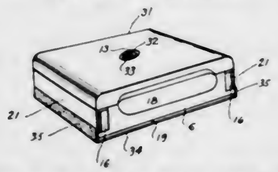
1. A composition of matter comprising an alkyl cellulose soluble in hydrophobe organic solvents and 0.05 to 1% of the weight of the alkyl cellulose of an N-alkylated diamine selected from the group which consists of N,N,dialkylated alkylene and phenylene diamines in which the N-alkyl substituent groups each contains less than 7 carbon atoms.

2,438,976
RIVET
Alfred J. Lautmann, Detroit, Mich.
Application December 4, 1943, Serial No. 512,880
8 Claims. (Cl. 85—40)



7. A rivet assembly comprising a relatively elongated female member having a smooth cylindrical bore of uniform cross sectional form extending thereinto from the outer end and terminating in spaced relation with respect to the inner end thereby forming elongated wall sections, the diameter of the bore being such that the elongated wall sections are relatively thin as compared with the closed inner end of the member, a male member of smooth cylindrical external form complemental to the cylindrical bore and of a length less than the bore of the female member, said male member being inserted into said female member as a slidable piston in tight frictional engagement therewith so as to prevent inadvertent separation of the members, and a quantity of solid, non-deteriorating, deformable material confined in the bore between the closed inner end thereof and the inner end of the male member, the quanttiy of material being of an amount that when the male member is driven toward the closed end of the female member the material is compressed and expands to exert force on the thin wall sections of the female member to bulge the same and thereby clinch the rivet into position without destroying the clinching and securing effect thereof while substantially all of the material remains confined between the inner end of the male member and the expanded and clinched end of the female member to impart additional strength thereto and form a substantially solid unitary rivet with the walls of the female member in close association with the body of the male member and the compressed solid in intimate association with the expanded end of the female member.

2,438,977
SANDING DEVICE
Charles Earl Rosemeyer, Seattle, Wash.
Application May 16, 1947, Serial No. 748,509
1 Claim. (Cl. 51—187)



In a holder of the character described, a pair of members in movable superposed relation, one of said members having its inner face provided with a pair of recesses, one of which being below and within the other, raised portions on said

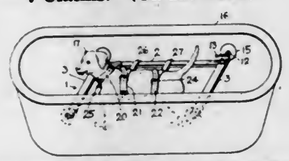
member on either side of said larger, upper recess, a pair of levers within said recess, screws upon which said levers are rotatably mounted, upwardly projecting pins disposed at the outer ends of said levers, means for moving said levers in opposite directions, metal plates at either end of said lower member and movably positioned thereon, cushions provided at either end of said lower member, a bottom plate with its sides bent at right angles and adapted to fit snugly over said lower plate, an abrasive sheet to fit over said bottom plate and bent in conformity therewith so as to engage the said metal and plates when same are opened by the action of said levers in their outward thrust and closed by the turning of the upper member in their inward thrust.

2,438,978
CHILD'S BOOT
Henri E. Rosen, Brookline, Mass.
Application April 10, 1947, Serial No. 740,661
3 Claims. (Cl. 36—1)



1. A child's boot having an upper comprising a top and a back stay, a strap comprising a portion which is interposed between the top and the back stay, the top and back stay being united by a sewed seam whose stitches penetrate the material of the strap, the strap comprising substantially parallel spaced rearwardly directed arms united by a rivet, and a spur rowel mounted upon the rivet between the legs of the strap, said rowel being of an organic material and having soft, pliable teeth.

2,438,979
FRAME AND HARNESS FOR DOG BATHS
Frank Lea Short, New York, N. Y.
Application January 23, 1946, Serial No. 642,800
7 Claims. (Cl. 119—101)



1. A harness for bathing an animal comprising a frame; means to removably support the frame in a bath tub; a plurality of straps adapted to be placed around the animal's body; and means to support the straps on the frame.

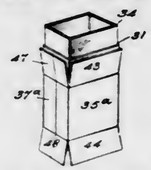
2,438,980
LAWN MOWER GEAR AND LOCKING DEVICE
Francis Edward Thompson, deceased, late of Lawrence, Mass., by Albert E. Thompson, administrator, Methuen, Mass.
Application July 31, 1946, Serial No. 687,383
1 Claim. (Cl. 192—46)

A device for a gear and a shaft rotatably supporting the same, comprising a roller-like locking pin interposed between the gear and shaft, and having a half circular shaped area and an arched opposite area, respectively, a loop-like spring about the shaft, an ear projecting from the pin between the areas, a fastener connecting the spring to the ear for the detachable carrying of the said spring by the latter, and effecting tensioning action of the said spring on the pin,



the gear being formed with a channel receiving the spring, the shaft being formed with pin seats concentrically thereof, and a cam surface on the gear for urging the pin into locking engagement in one of the seats and also for permitting escapement of such pin from the same on determined directions of rotation of either the gear or shaft.

2,438,981
PACKAGING METHOD
Harry F. Waters, New York, N. Y.
Application August 16, 1941, Serial No. 406,496, which is a division of application Serial No. 359,823, October 5, 1940. Divided and this application October 6, 1945, Serial No. 620,773
4 Claims. (Cl. 93—36.01)

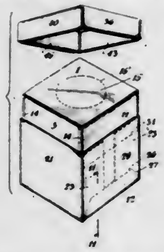


1. The method of producing fluid-tight containers which comprises providing a collapsed envelope fluid-tight and fusible on at least the inner surface thereof and including the same number of layers throughout, erecting said envelope on a mandrel, combining said erected envelope with a carton having two pairs of opposed panels and medial score lines in one pair of said panels, withdrawing the resulting lined container structure from said mandrel, and then collapsing said structure on said medial score lines of said carton whereby a fluid-tight container in knocked-down form is obtained adapted to be erected to form a lined packaging medium.

2,438,982
CONTAINER
Marshall I. Williamson, New Haven, Conn., assignor, by mesne assignments, to National Folding Box Company, Incorporated, a corporation of Connecticut
Application July 29, 1943, Serial No. 496,537
7 Claims. (Cl. 229—23)

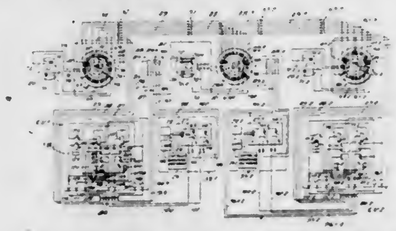
1. An improved paperboard container comprising an outer shell and an inner shell, the outer shell consisting of a body member and a cover member, both members being telescopically slidable over said inner shell into edge to edge abutment with each other so as to enclose said inner shell completely; said inner shell being formed from one single blank of paperboard material having a bottom wall panel, enclosing side wall panels, top wall panel, and a pair of locking flaps hingedly extending from the lower edges of

opposite side wall panels, said locking flaps being foldable back upon the respective side wall panels from which they extend; said body member being formed from one single sheet of paperboard material and having a bottom wall, enclosing side walls, inturned reenforcing flaps extending from the upper ends of said side walls and means forming an abutment edge along the



inside faces of opposite side walls adjoining the lower edges of said side walls for engaging said locking flaps to retain said inner shell in locked telescoped position within said body member; the cover member being formed from a single blank of paperboard material and comprising a top wall panel, enclosing side wall flanges and inturned reenforcing flaps lining the inside faces of said flanges.

2,438,983
SPEED CONTROL APPARATUS
Rosser L. Wilson, Mahwah, N. J., assignor to American Brake Shoe Company, New York, N. Y., a corporation of Delaware
Application February 21, 1945, Serial No. 579,016
15 Claims. (Cl. 318—74)



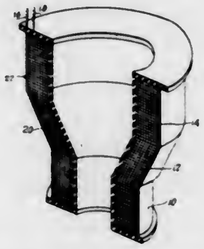
1. In a control apparatus for correlating the speeds of a master shaft and an independently driven secondary shaft to attain substantially a predetermined speed relationship therebetween, detecting means associated with said shafts to compare the speeds of said master and secondary shafts and including a master device effective when operated to retain its operated condition for a normal predetermined time and two secondary devices, said devices being arranged for sequential operation at a frequency determined by the magnitude of the variance from said predetermined speed relationship and in different sequence according to the sense of such variance, adjusting means operable in opposite directions to variably adjust the operating speed of said secondary shaft, means controlled by said detecting means and effective to operate said adjusting means in one direction for increasing the speed of said secondary shaft when one of said secondary devices is operated while said master device is in its operated condition, other means controlled by said detecting means and effective to operate said adjusting means in the opposite direction for decreasing the speed of said secondary shaft when the second of said secondary devices is operated while said master device is in its operated condition, and means responsive to the speed of said secondary shaft and controlling said adjusting means to prevent operation of said adjusting means under control of said master device and a selected one of said secondary devices when the speed of said secondary shaft is outside of a predetermined normal range of speeds.

2,438,984
WIRE-END LOOP FORMING AND TWISTING MEANS
Emilio M. Adams, Miami, Fla.
Application February 14, 1945, Serial No. 577,771
2 Claims. (Cl. 140—104)



1. A loop forming wire twister of the class described comprising a flat plate having an elongated rectangular portion struck out from its central area, said portion being offset and constituting an adapter for the body portion of the wire to be twisted, and having a finger also struck out from the body portion and coacting with said adapter, and further having a slot formed at one edge in close proximity to the finger to accommodate the coils as they are wound.

2,438,985
ELECTROMAGNET
Anthony A. Ambrose, Dayton, Ohio
Application February 26, 1945, Serial No. 579,735
9 Claims. (Cl. 175—341)

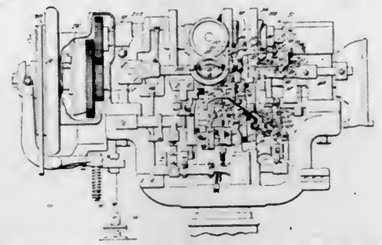


1. As a new article of manufacture, a tubular electromagnetic coil comprising straight end portions of different diameters and a conical central portion interconnecting said end portions, the thickness of the coil being substantially uniform.

2,438,986
SHOE MACHINE
Fred Ashworth, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application February 28, 1945, Serial No. 580,163
20 Claims. (Cl. 112—46)

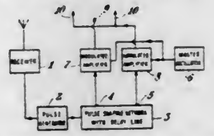
1. A machine for use in the manufacture of shoes, having attaching devices, a welt guide for directing a welt into a position on the shoe in advance of the operating point, and a knife constructed and mounted for operation on that portion of the welt in actual contact with the shoe, in combination with automatic sensing means

located and arranged for actuation during operations on the shoe by an element on the shoe dis-



posed out of the line of operation of said attaching devices to cause the knife to cut the welt.

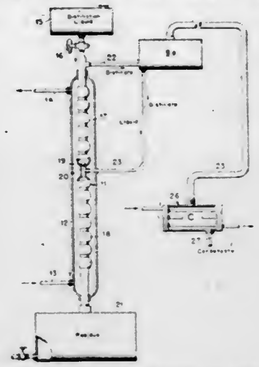
2,438,987
RADIO NAVIGATIONAL AID
Christopher Edmund Gervase Bailey, Bournemouth, Hants, England, assignor to Radio Transmission Equipment Limited, London, England, a company of Great Britain
Application September 13, 1945, Serial No. 615,945
In Great Britain May 23, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires May 23, 1964
8 Claims. (Cl. 343—107)



2. In a system for radio-navigation, a receiver for a wave modulated by a first set of pulses, means coupled to said receiver to generate a second set of pulses and a third set of pulses, the pulses of said third set occurring during the duration of the pulses of said second set and having a duration less than the duration of the pulses of said second set, means to generate a radio frequency wave modulated proportional to the amplitude variations of the pulses of said second set, means to generate a radio frequency wave modulated proportional to the amplitude variations of the pulses of said third set, and means to radiate said modulated radio frequency waves in different azimuthal directions with overlapping radiation patterns.

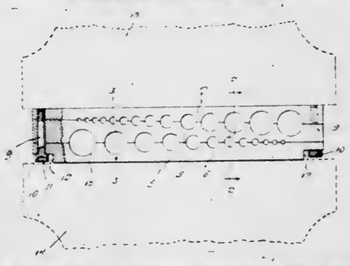
2,438,988
PLURAL SECTION DISTILLATION COLUMN WITH TOP FEED
William F. Barthel, College Park, Md., assignor to the United States of America as represented by the Secretary of Agriculture
Application January 12, 1945, Serial No. 572,503
5 Claims. (Cl. 202—154)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. Distillation apparatus comprising an upwardly extending tubular column, means for introducing distillation liquid into the upper end of the column, said column being so constructed that a film of the liquid is spread over its internal surface as it descends the column and being divided into an upper section and a lower section with a valve between the sections which traps liquid in the upper section and intermittently opens to allow the liquid to flow into the lower section, and means for heating the column independently of the temperature and flow over the



internal surface of the column of the liquid being distilled.

2,438,989
CLAMPING HOLDER FOR SCREWS, BOLTS, AND THE LIKE
Walter E. Billman, Philadelphia, Pa.
Application May 29, 1944, Serial No. 537,888
2 Claims. (Cl. 29—284)



1. A clamping holder of the class described comprising a plurality of truncated triangular plates positioned in aligned relationship, the larger bases of the first and second and the smaller base of a third plate being aligned at one end and the larger base of the third and smaller bases of the first and second plates being aligned at the other end, a plurality of screw-threaded holes of uniformly diminishing diameter along the line of separation of the first and second plates, each hole being formed half in one plate and half in the other, and a plurality of screw-threaded holes of uniformly increasing diameter along the separation line between the second and third plates, each hole being likewise half in one plate and half in the other, and a securing device holding said plates in aligned relationship.

2,438,990
WELDING ROD HOLDER
Preston Brown, Selma, Ala.
Application October 29, 1945, Serial No. 625,292
2 Claims. (Cl. 219—8)

1. A welding rod holder comprising an elongated hollow handle having an axially disposed bearing opening in its front end and being internally threaded at its open rear end, a forwardly extending fixed shank secured to the front end of said handle, an externally threaded bearing plug adjustably secured in the threaded

rear end of said handle being formed with an axial bearing bore in its front end and an annular bearing shoulder on the front end thereof, a longitudinally adjustable shank having its rear end in the bore in said plug and extending through said bearing opening in the front end of said handle to lie adjacent to and parallel with said fixed shank, jaws on the ends of said shanks, a fixed collar secured about said adjust-



able shank adjacent its rear end, a coil spring about said adjustable shank between said collar and said annular bearing shoulder on said plug, said handle being slotted adjacent its forward end, a trigger secured to said adjustable shank extending through said slot for moving said adjustable shank inwardly to open said jaws against the tension of said coil spring, and means for variably tensioning said spring to effect different degrees of clamping action between said jaws.

2,438,991

HIGHWAY TRAFFIC GUARD

Eugene V. Camp, Atlanta, Ga.

Application January 2, 1942, Serial No. 425,445
15 Claims. (Cl. 256—13.1)



1. In a traffic guard of the character described, a series of supports, curved spring brackets mounted on said supports, a clip pivotally united with the front portions of said brackets, and an impact member carried by said clip in sliding relationship therewith.

13. A highway guard rail fitting comprising a curved spring bracket having a rear or support engaging surface and oppositely disposed wing-like front portions, said front portions being formed to provide a series of staggered pintle bearings at the ends thereof, a clip associated with said front portions, curved indentations in said clip positioned in registering relationship with the openings of said pintle bearings, and pintle members passed through said openings and indentations, thereby pivotally mounting the clip with the spring bracket.

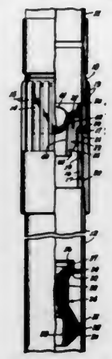
2,438,992

WELL CEMENTING APPARATUS

Roscoe O. Childers, Olney, Ill., assignor to Baker Oil Tools, Inc., Vernon, Calif., a corporation of California

Application April 3, 1942, Serial No. 437,545
12 Claims. (Cl. 166—1)

1. Apparatus of the character described, including a tubular member adapted to form part of a well casing and having a lateral outlet, valve means initially closing said outlet, an upper member having a passage therethrough and adapted to operate said valve means to open said outlet, a lower member, means releasably securing said upper and lower members together for joint movement downwardly through said casing until said upper member engages said valve means to arrest downward movement of said upper member, said releasable means being releasable to disconnect said lower member from said upper member after the latter engages said valve means to allow continued downward movement of said lower member below said sleeve valve in slidable sealing engagement with said



casing, and means for closing said upper member passage to allow hydraulic pressure to be exerted on said upper member to move said valve means to outlet opening position.

2,438,993

FLASHLIGHT LAMP

Jan Hendrik de Boer, London, England, assignor to The Hartford National Bank and Trust Company, Hartford, Conn., as trustee

Application March 20, 1944, Serial No. 527,284
In Great Britain January 8, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires January 8, 1963
6 Claims. (Cl. 67—31)

2. A flash lamp comprising a container having an envelope portion of transparent organic material, a combustible material and a combustion-supporting gas within the container, means for igniting the combustible material, a lead-in conductor of electrically conducting organic material constituting part of another portion of the container, and a sealing layer of regenerated cellulose interposed between said container portions.

2,438,994

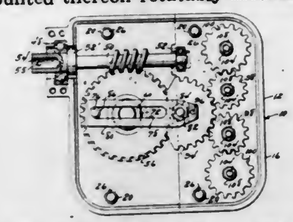
VALVE GRINDING MACHINE

Hector Durat, Corona, Long Island, N. Y.

Application January 2, 1946, Serial No. 638,656
3 Claims. (Cl. 51—29)

1. A portable valve grinding machine comprising a gear housing, a plurality of studs by which the housing is mounted on an engine block, means clamping the housing in position through the studs, a plurality of pairs of spaced parallel spindles carrying valve attaching tool holding chucks rotatably mounted in said housing, gears fixedly mounted on said spindles with the gears of each pair of spindles in meshing relation, a gear segment in the housing meshing with one of

the gears of each of the pairs of spindles, a shaft pivotally mounting the gear segment in the housing, an arm with an elongated slot therein fixedly attached to the gear segment and extending therefrom, a worm gear having a pin eccentrically mounted thereon rotatably mounted in the



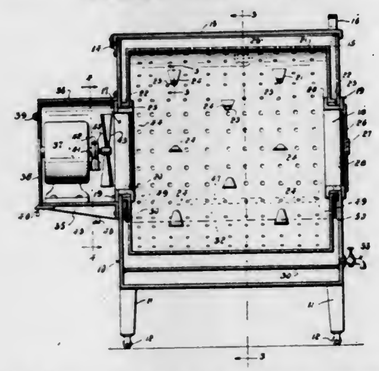
housing with the pin positioned in the slot of the arm of the gear segment, a worm positioned in the housing meshing with the said worm gear, and a shaft having an actuating connection at the outer end rotatably mounting the said worm in the housing.

2,438,995

DRYING MACHINE OF THE AIR CIRCULATING, ROTARY DRUM, AND ENCLOSING CASING TYPE

Elbridge W. Forney, Canton, Ohio

Application September 2, 1943, Serial No. 500,981
2 Claims. (Cl. 34—139)



1. A machine of the class described comprising a casing having opposite walls each provided with an opening, a cylinder disposed within the casing and having side walls provided with central flanged openings, annular frame members fixed in the casing wall openings and having outwardly opening annular channels for receiving and journaling the flanges of the cylinder openings for rotatably mounting the cylinder in the casing, the opening of one of the flange members providing means for applying clothes and removing clothes from the cylinder, and a closure for said opening.

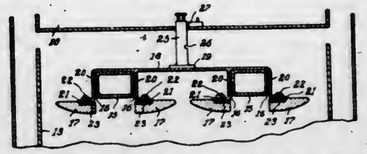
2,438,996

RADIANT OVEN AND BROILER BURNER

Raymond J. Greene, Sebring, Ohio

Application December 4, 1943, Serial No. 512,902
2 Claims. (Cl. 158—99)

1. An oven and broiler burner including a plurality of parallel fuel pipes each having flame jets along opposite sides thereof, a vertically adjustable frame including end frame members located above opposite end portions of the fuel pipes and disposed transversely thereof, a longitudinally disposed central bar connecting the end frame members, each end frame member having inverted, U-shape portions straddling the end portions of the pipes, horizontal imperforate radiants carried by the U-shape portions and disposed on opposite sides of the pipe, and means



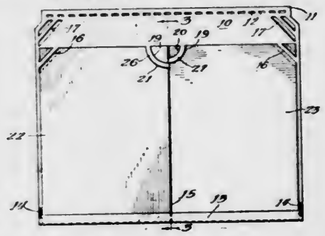
for vertically moving the frame relative to the fuel pipes to position said horizontal radiants just above the flame jets so as to heat the radiants by the flame from the flame jets whereby the radiants will radiate the heat downward, and to position the horizontal radiants below the flame jets so as to permit the heat from the flame jets to circulate upward therefrom.

2,438,997

HOLDER FOR CARDS AND PHOTOGRAPHS

Marchand B. Hall, Chicago, Ill., assignor to Acme Visible Records, Inc., Chicago, Ill., a corporation of Delaware

Application April 13, 1945, Serial No. 588,156
6 Claims. (Cl. 129—16.7)



3. A holder for inserts such as cards, photographs and the like of the class described comprising a body and a plurality of insert engaging means provided thereon including a pair of strips defined by slits formed in said body for receiving in close proximity the adjacent corners of a pair of inserts mounted upon one side of said holder, each of said strips extending from a line parallel to one edge of said holder and inwardly therefrom to a line normal thereto and separately terminating thereon in spaced substantially contiguous relationship to each other.

2,438,998

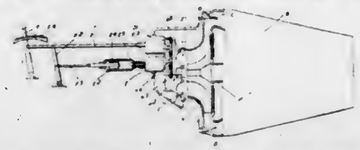
MEANS FOR CONTROLLING THE TEMPERATURE OF GASES

Frank Bernard Halford, Edgware, England, assignor to The De Havilland Aircraft Company Limited, Edgware, England, a company of Great Britain

Application November 1, 1943, Serial No. 508,629
In Great Britain September 15, 1942
10 Claims. (Cl. 60—42)

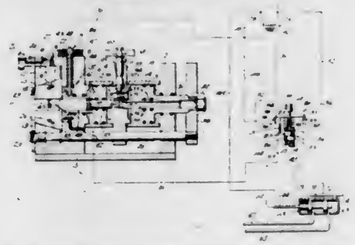
1. In a turbo-compressor power unit the combination of a casing enclosing the turbo-compressor, a plurality of jet nozzles situated in this casing where a cooling medium issuing as a spray from these nozzles will be delivered into the air stream passing through the turbo-com-

pressor, a pump driven by the turbo-compressor and supplying cooling medium to these nozzles, means for delivering fuel into the air stream



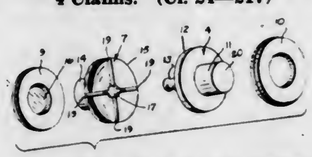
passing through the turbo-compressor, and valve means actuated by the fuel pressure for controlling the delivery of the cooling medium.

2,438,999
AUTOMATIC MEANS FOR CLAMPING AND DEFORMING THE ENDS OF TUBES
Emmett C. Hartley and Henry E. Hull, Cleveland, Ohio, assignors to The Parker Appliance Company, Cleveland, Ohio, a corporation of Ohio
Application February 20, 1945, Serial No. 578,898
7 Claims. (Cl. 153—79)



6. In a tube deforming machine, the combination of a tube clamping means, a tube end deforming device, means for supporting and operating said device, said device being initially yieldingly projected away from said operating means to a limited extent, and means actuated by said deforming device when pressed upon by the tube and moved toward said operating means for initiating the clamping means, said clamping means operating to initiate the deforming means when the tube has been clamped therein.

2,439,000
SNAP FASTENER
Herbert E. Hasenzahl, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application August 5, 1944, Serial No. 548,165
4 Claims. (Cl. 24—217)



1. A device of the character described comprising a male fastener element and a female fastener element, said female element being formed of flexible, non-metallic material and comprising a tubular body portion adapted to extend through a perforation formed in the wall of an article with which said device is to be used, said tubular body portion having continuous solid sidewalls and an integral flanged portion of said non-metallic material on one end thereof with a central opening communicating with the bore of the tubular body portion and having portions adapted to overlie a side surface of the wall of the article when the tubular body portion is positioned within said perforation, the opening in said flanged portion being of a diameter less than that of the bore of the tubular body portion and less than the diameter of the male fastener element to be used therewith, said flanged portion having a plurality of spaced radially disposed slots extending from said opening outwardly through said flanged portion to the peripheral edge thereof and with the depth of said slots being confined to the thickness of said flanged portion whereby the flexibility of the material of the flanged portion intermediate said radially disposed slots will permit the diameter of the central opening of said flanged portion to be expanded sufficiently to receive the male fastener element and to firmly clasp and maintain the male fastener element therein, the sidewalls of said body portion being uninterrupted by said slots.

2,439,001
SHUTTLE CAR
Ralph M. Hippard, Middlesboro, Ky.
Application December 3, 1945, Serial No. 632,318
7 Claims. (Cl. 214—82)

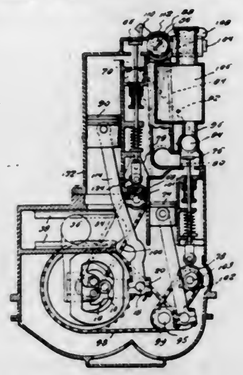


1. In a self-propelled manually steered shuttle car, a wheeled horizontal elongated body, said body being of channel shape and open at the top and ends and embodying side and bottom walls, said side walls having internal longitudinal ways therein at the juncture of the same with the bottom wall and being provided with internal sector-shaped recesses at one end of the body communicating at corresponding bounding radii thereof with said ways, a transverse horizontal shaft journaled adjacent the bottom wall of said end of the body and having longitudinally bifurcated arms fixed thereon and movable within said recesses, a scoop having slides fixed on the sides thereof at the rear of the same for movement into and out of the spaces between the furcations of said arms from and into said ways, means to selectively rotate said shaft in opposite directions to tilt the scoop downwardly to scooping position in front of the body or upwardly to dumping position within the adjacent end of the body, and means to selectively slide the scoop longitudinally of the body in opposite directions to move the material dumped therein toward or out of the other end of the body or to return the scoop to the position with its guides engaged in the bifurcated arms preparatory to returning the scoop to scooping position.

2,439,002
POWER LEVER AND ENGINE USING THE SAME
Rufus C. Hof, La Bolt, S. Dak.
Application February 18, 1947, Serial No. 729,381
6 Claims. (Cl. 74—44)

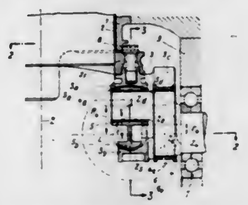
2. An engine comprising a housing having a cylinder formed therein, a piston slidable in said cylinder, a rotatable crank-shaft in said housing, a connecting rod having one end engaging said piston, a fulcrum member movably engaging said engine housing, and having a pair of fulcrum

notches formed therein, and a power lever having a crank-shaft bearing formed intermediate its ends and dividing the lever body into a long end portion and a short end portion, said long end portion being adapted for pivotal engagement



with the lower end of the engine connecting rod, said short end portion having a pair of laterally spaced and projecting stub shafts for pivotal engagement at least one at a time with said fulcrum notches formed in said fulcrum as said parts undergo an engine cycle.

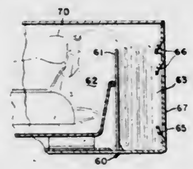
2,439,003
TRANSMISSION MECHANISM
Werner Howald, Zurich, Switzerland
Application September 11, 1944, Serial No. 553,583
In Germany September 14, 1943
6 Claims. (Cl. 74—50)



1. In a driving mechanism, the combination comprising a crank shaft provided with an eccentric disc and a crank pin on said eccentric disc, a follower fixedly attached to a driven member and provided with two pairs of axially spaced bearing surfaces, a slide rotatably mounted on said eccentric disc and slidably engaging one pair of said bearing surfaces on said follower, and a connecting member rotatably mounted on said crank pin and slidably engaging the other pair of said bearing surfaces on said follower.

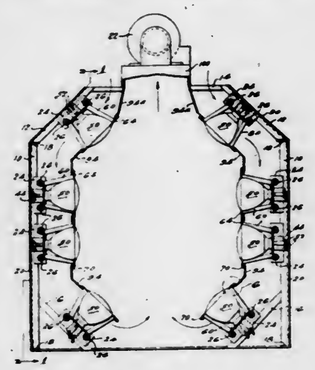
2,439,004
STORAGE CONTAINER FOR ELECTRIC IRONS
Ralph L. Hurley, Xenia, Ohio
Application June 3, 1946, Serial No. 673,906
2 Claims. (Cl. 206—16)

1. A storage container for an electric iron and accessories therefor which comprises, a storage container having a bottom and side walls for receiving an electric iron therein, a cover for said container, said side walls having openings therein to provide for circulation of air through the storage container, means for supporting an electric iron within said container and heat insulating the same from the container, said supporting means comprising a support member upon which the flat bottom portion of the iron rests, said support member having leg means for spacing said support member from the bottom of the container, and a solid partition wall within said storage container cooperating with other walls



thereof to form a first storage compartment for the iron and a second storage compartment for storage of the electric cord for the iron, said supporting member extending from one end of said container substantially to said partition wall within said first storage compartment, said solid partition wall being spaced from the top of the receptacle and extending a major portion of the height of the container to prevent direct radiation of heat from the electric iron onto the electric cord stored in said second storage compartment.

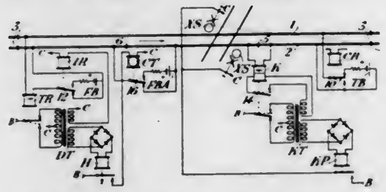
2,439,005
OVEN WITH INFRARED LAMP
Frants V. Jensen, Detroit, Mich., assignor to Jensen Specialties, Inc., Detroit, Mich., a corporation of Michigan
Application February 24, 1944, Serial No. 523,659
18 Claims. (Cl. 219—35)



1. In an infra-red ray oven, in combination, a housing, a plurality of supporting devices extending longitudinally of said housing and carried thereby, each of said supporting devices comprising a pair of spaced parallel rods and adjustable means connecting said rods to said housing in any one of a plurality of vertically shiftable positions, and a lamp support mounted upon the pair of rods of each of said devices for shiftable movement longitudinally thereof, an infra-red ray lamp carried by each lamp support, and plates carried by said lamp supports filling the

space between the heads of said lamps forming together with said lamp heads a drying compartment within said oven.

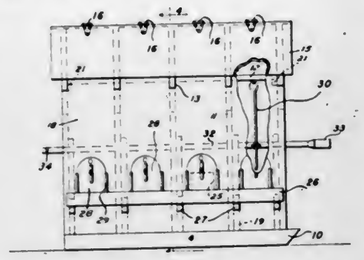
2,439,006
CODED TRACK CIRCUITS FOR HIGHWAY CROSSING SIGNALS
Arthur L. Jerome, Edgewood, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application November 18, 1944, Serial No. 564,144
7 Claims. (Cl. 246—130)



1. In a coded railway signaling system, in combination, a section of railway track having a first and a second track rail, a coding device at one end of the track section having a contact continuously actuated between a first position in which it effectively establishes connection between the section rails and a second position in which it effectively connects a first source of energy across the section rails with the positive terminal of the source connected to the first track rail, a code following track relay at the other end of said track section operated by energy supplied over the section rails from said first source, means associated with said track relay and operative during the intervals between the impulses of energy supplied from said first source to effectively connect a second source of energy across the section rails with the positive terminal of the source connected to the first track rail, an auxiliary relay, means for energizing said auxiliary relay when and only when the track relay is following code, coding means for at times supplying to the section rails at a point in the section removed from the track relay impulses of energy of the same polarity as that supplied from said second source, an operating circuit for said coding means established only when said auxiliary relay is released, a detector relay having a winding connected with said track circuit at a point in the track section in advance of the point in the section at which energy is supplied to the section rails by said coding means, said detector relay having a normally released contact which is picked up when and only when there is supplied to the relay winding energy of the polarity of the energy which is supplied thereto from said second source or by operation of said coding means, and a control relay governed by said detector relay.

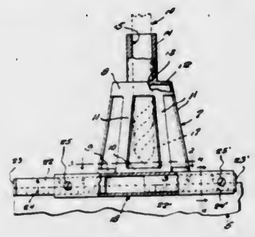
2,439,007
TWO-WAY CATTLE AND HOG FEEDER
Tim P. Keithley and Leslie O. Chandler, Middletown, Mo.; said Keithley assignor to said Chandler
Application November 15, 1945, Serial No. 628,760
2 Claims. (Cl. 119—53)

1. A feeder of the kind described, comprising a receptacle having longitudinally extending rafter sills, an inverted substantially V-shaped flooring within the receptacle and effecting a feed compartment to the receptacle above such flooring, feed troughs exteriorly of the receptacle at opposite sides thereof and having communication with the compartment, closure slides controlling the communications to the troughs,



loosely hung agitator rods depending from said sills within the compartment and confronting the communications, and manually operated bars having connection with the rods for agitating the same.

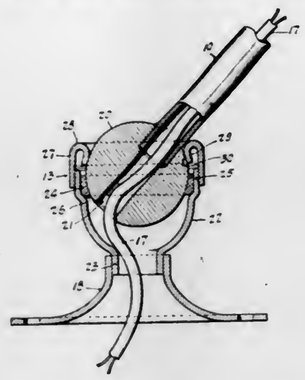
2,439,008
DRILL STAND AND GAUGE
James F. Kellem, Vancouver, Wash., assignor of one-half to Thomas E. Meade, Vancouver, Wash.
Application June 5, 1945, Serial No. 597,629
3 Claims. (Cl. 77—62)



1. In a guiding and holding device for drills and the like, a cage-like stand for guiding the drill toward the work, a gauge attachment telescopically related to the stand for movement at right angles to the axis of the drill and including a body member extending at right angles to the direction of movement and having means for engaging the edge of the work, and a pair of gauge plates each telescopically related to the body member and movable toward or from one another.

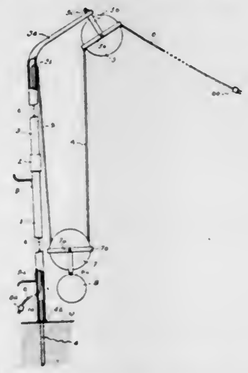
2,439,009
FLEXIBLE JOINT
Barney Kujawski, Milwaukee, Wis., assignor to Thurner Engineering Company, Milwaukee, Wis., a corporation of Wisconsin
Application October 29, 1943, Serial No. 508,154
7 Claims. (Cl. 287—87)

1. In a flexible joint the combination of a ball, an element carried thereby, a housing, a fixed brake ring seated in and radially braced by said housing and having an internal surface forming a seat for said ball, a clamp ring on said housing adjustable axially thereof, and a band suspended within said clamp ring and having an internal surface for contact with said ball, said band and first named ring being arranged to grip said ball in zones at opposite sides of but adjacent the center of said ball to effectively retain the



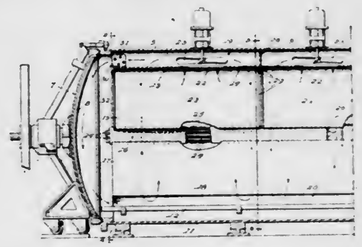
latter in any position of adjustment therebetween.

2,439,010
PORTABLE COLLAPSIBLE POWER-DISTRIBUTION TOWER FOR ELECTRIC LAWN MOWERS
Edward H. Lange, Baltimore. Md.
Application July 2, 1947, Serial No. 758,588
2 Claims. (Cl. 242—47.5)



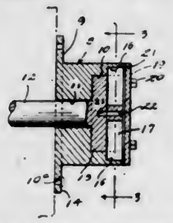
2. In a supply-line distribution tower for an electrically operable lawn mowing machine, in combination, a portable ground-pin means for supporting said tower, a collapsible pole including an upper tubular-member and a lower tubular-member, said lower tubular-member being adapted to rotatably fit upon an above-ground portion of said ground-pin means, said upper tubular-member being adapted to be supported on said lower tubular-member by a sleeve means attached to one of said tubular-members, and having an angular off-set at its upper extremity supporting an upper pulley suspended from said angular off-set; a lower pulley means including a weight means attached to said lower pulley means, an electric supply-line means for extending from said lawn mowing machine to a source of electric power, including a portion of supply-line from said lawn mowing machine extending over the top of said upper pulley, under the bottom of said lower pulley means, through a hole in said upper tubular-member and through the inside of each of said tubular-members to the outside of said lower tubular-member, through a hole in said lower tubular-member, and means for holding a winding of said supply-line including a projection at each end upon one of said tubular-members.

2,439,011
VULCANIZER
Leo J. Larkin, John J. Regan, and Gerald A. Larkin, La Crosse, Wis., assignors to La Crosse Rubber Mills Company, La Crosse, Wis., a corporation of Wisconsin
Application April 19, 1946, Serial No. 663,394
5 Claims. (Cl. 18—6)



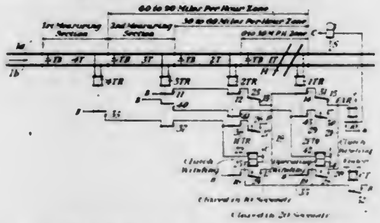
5. A vulcanizer comprising a horizontally elongated closed casing having a door at one end; a transversely arched inner wall extending substantially throughout the length of said casing, said transversely arched inner wall having a top portion spaced downwardly from the top of said casing, and substantially vertical side portions extending downwardly from said top portion and spaced inwardly from opposed side walls of said casing, said transversely arched inner wall coacting with said casing top and side walls in forming a transversely arched air chamber, said side portions of said transversely arched inner wall having lower edges spaced upwardly from the casing bottom to place the lower portions of said transversely arched chamber in communication with the space within the confines of said transversely arched inner wall, said top portion of said transversely arched inner wall having longitudinally spaced openings placing the upper portion of said transversely arched chamber in communication with said space; air blowing means adjacent each of said openings for causing flow of air therethrough in one direction to transversely circulate the air in said casing and said transversely arched chamber, horizontally elongated air-heating coils disposed longitudinally in said transversely arched chamber between said side portions of said transversely arched inner wall and said opposed side walls of said casing; transverse partitions in said transversely arched chamber between said longitudinally spaced openings and segregating the air blowing means of these openings from each other, said transversely arched partitions extending downwardly to said air-heating coils; additional horizontally elongated air-heating coils disposed transversely in the ends of said upper portion of said transversely arched chamber, said ends being in communication with the end portions of said casing; and plates extending from the ends of said additional coils to the first mentioned coils and partially closing the front and rear ends of said transversely arched chamber.

2,439,012
WHEEL AND AXLE CONSTRUCTION
Hershel B. Ledford, Dahlonega, Ga.
Application March 14, 1947, Serial No. 734,802
3 Claims. (Cl. 301—1)



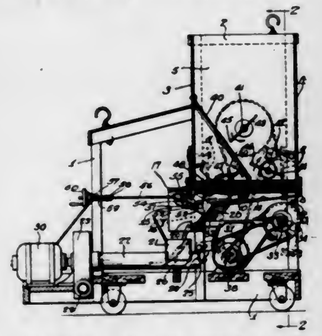
1. A wheel and axle construction comprising an axle having an enlarged diameter axle flange on its outboard end, said axle flange being formed in its outboard face with a key seat opening through the periphery of said flange, a hub formed with a relatively large diameter cylindrical bore opening through its outboard face accommodating said axle flange, said hub further being formed with a reduced diameter bore coaxial with and communicating with the inboard end of the first mentioned bore and accommodating said axle, the side of said large bore being formed with at least one notch opening through the said outboard face of the hub and with which the peripheral opening of said key seat can register, a key loosely fitting said key seat and having a portion to reach into each notch whereby relative rotation of the axle and hub are precluded, and retaining means secured on said hub for holding said key in place.

2,439,013
APPARATUS FOR THE CONTROL OF HIGHWAY CROSSING SIGNALS
Carl F. Lower, Edgewood, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Original application December 15, 1944, Serial No. 568,288, now Patent No. 2,406,955, dated September 3, 1946. Divided and this application March 12, 1946, Serial No. 653,728
3 Claims. (Cl. 246—130)



1. In combination, a stretch of railway track intersected by a highway at which a highway crossing signal is located; a first, a second and a third track section formed in the order named to one side of the intersection, each said section having a normally energized track relay; a time element relay including a clutch winding, an operating winding and a contact actuating member; said time element relay operable to move said member from an initial to an extreme position in a predetermined time interval when said clutch winding is energized and said operating winding is supplied with time spaced current impulses, means including a coder to supply such current impulses to said operating winding, means including a back contact of the track relay of said third section and a front contact of the track relay of said second section to energize said clutch winding, other means including a contact of said time element relay closed at said extreme position and a front contact of the track relay of said first section to energize said clutch winding, and a control circuit having two alternative paths for governing said signal, a first one of said paths including a front contact of the track relay of each of said first and second track sections and the second of which paths includes a front contact of the track relay of said first section and a contact of said time element relay closed only at said extreme position.

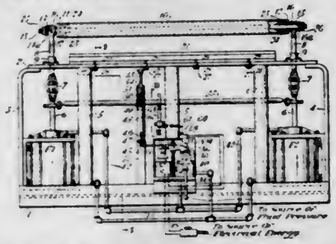
2,439,014
APPARATUS FOR PREPARING FINELY DIVIDED FIBRE STOCK FOR FLUID CONVEYANCE
George W. Luhrmann, Cedar Brook, N. J.
Application December 23, 1944, Serial No. 569,515
8 Claims. (Cl. 241—98)



4. An apparatus for preparing fibre stock for conveyance in and by a flowing stream of gaseous fluid, comprising a hopper for receiving the fibre stock for preparation, a horizontally reciprocable shaker pan underlying said hopper to receive fibre therefrom, a series of relatively staggered rotary beaters in said hopper for disintegrating clods of said stock into free fibre particles for reception by said shaker pan, means at one end of said shaker pan for discharging the disintegrated fibre into said stream, one of said rotary beaters being located in the lower portion of said hopper adjacent the discharge end of said shaker pan and operable partly within said pan for working fibres therein, and a second of said beaters being located in the lower portion of said hopper and operable directly above the opposite end of said pan, and an inclined partition in said hopper disposed with its lower end adjacent said pan intermediate the beaters respectively operating adjacent the opposite ends of said pan, and a third of said beaters being operable in an upper portion of said hopper adjacent said partition above and in intermediate vertical relation to the first two said beaters.

2,439,015
METALWORKING MACHINE
James B. McClelland, Wilkinsburg, Pa.
Application May 15, 1945, Serial No. 593,839
5 Claims. (Cl. 153—48)

1. In a machine of the class described including a pair of movable operating rods each provided with an eye and a forming roll supported at its ends by said operating rods, the means for securing the forming roll to said operating rods comprising a squeeze shaft extending with clearance through said roll and through the eye provided on each of said operating rods, two self-centering cones slidably mounted on said shaft with their smaller ends extending into the ends of said forming roll, each said cone being provided at its outer end with a counterbore the inner end of which forms a shoulder, two sleeves slidably mounted on said shaft within said eyes and extending into said counterbore into engagement with said shoulders, and two nuts screwed onto the outer ends of said shaft into engagement with said sleeves.



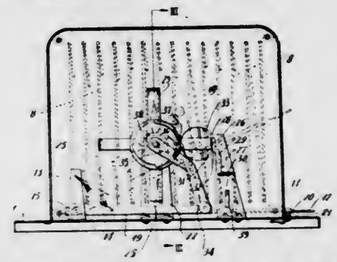
2. A metal working machine comprising a supporting framework including a bed plate and a base plate, two fluid pressure motors secured to said framework with their axes vertical at the opposite ends of said bed plate, each said fluid pressure motor being provided at its upper end with a piston rod, two operating rods slidably supported in said bed plate in axial alignment with the piston rods of said motors and adjustably connected with said piston rods, cooperating metal working members secured respectively to said bed plate and to the upper ends of said operating rods, an electrically operated valve effective when energized to admit fluid to one end of said motors to move said operating rods downwardly and when deenergized to admit fluid to the other ends of said motors to move said operating rods upwardly, a limit switch connected in series in the energizing circuit for said valve, and adjustable means for actuating said switch in response to a predetermined amount of downward movement of said operating rods.

2,439,016
BREATHING APPARATUS
Phillip E. Meidenbauer, Jr., Lancaster, N. Y., assignor to Scott Aviation Corporation, Lancaster, N. Y., a corporation of New York
Application October 19, 1943, Serial No. 506,844
14 Claims. (Cl. 128—142)



11. A breathing apparatus comprising a chamber having an intake for gas under pressure, a service opening adapted to be connected with a person to be served, and a vent leading from said chamber to the outer atmosphere, actuating means which are responsive to variations of pressure in said chamber, and a valve device for controlling said vent including a positively operated bleed valve which is shifted by said actuating means, and a non-positively operated valve which is actuated by the exhalation of the person being served.

2,439,017
THERMAL TIMER FOR HEATING APPARATUS
Eugene J. Meyers, Los Angeles, Calif., assignor to Hayes, Meyers and Hoagland, Los Angeles, Calif., a copartnership
Application November 19, 1945, Serial No. 629,360
11 Claims. (Cl. 219—20)



9. In a time controlled device including a heat producing member, the combination of: starting means movable from a normal position to an operating position for initiating operation of said device; trip means for terminating said operation; a plurality of bimetallic control elements each including a portion movable from a normal position in response to a rise in temperature of said element; a rotatable element carrier; means mounting said elements in uniform angular spaced relation from each other upon said carrier for movement successively to a position normally engaging said portion with said trip means; heat shield means disposed between said heat producing member and all of said control elements, said heat shield means having an aperture therein disposed in a position to direct heat from said member upon the one element engaging said trip means; and means responsive to movement in one direction of said starting means for rotating said element carrier to shift said one element away from said trip means and move another element into engagement therewith.

2,439,018
SAFETY CLIP
Homer D. Miller, Canton, Ohio
Application March 18, 1946, Serial No. 655,210
8 Claims. (Cl. 24—11)



1. In combination with a fountain pen and the like, a clip fixed at one end to the pen and having its other end located adjacent to the side of the pen, a reversely disposed, angular pin connected to the last named end of the clip and normally disposed toward the pen, a tubular member slidably mounted upon the pin and means for sliding the tubular member upon the pin to enclose the end of the pin therein.

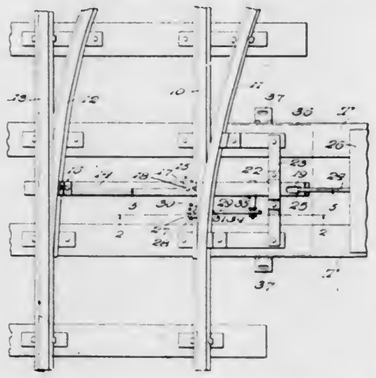
2,439,019
KEY MEANS FOR SHAFTS AND ROTORS AND METHOD OF PRODUCING SAME
Normand W. Morse, Chicago, Ill., assignor, by mesne assignments, to Gray-Mills Corporation, Evanston, Ill., a corporation of Illinois
Application October 9, 1943, Serial No. 505,650
11 Claims. (Cl. 287—53)



1. A key means for a shaft and a rotor having a bore for receiving the shaft comprising the provision in the rotor of a keyway having a border disposed transversely to the axis of the rotor and shaft, a laterally extending key element rigid with said shaft and extending transversely of the keyway with a segment thereof extending beyond the border of the keyway and overlapping the rotor adjacent said border, and tightening means connected to said shaft and bearing against said rotor to force the rotor against said segment to displace it and force the remainder of the key element into said keyway in locked position therein and with said border.

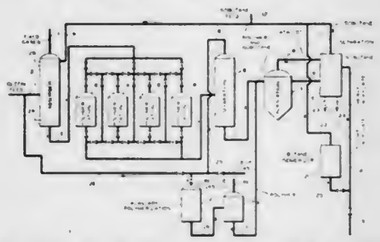
8. The method of keying a rotor to a shaft which comprises the steps of forming an annular wale integrally on the shaft, of cutting a slot transversely of the rotor hub having a width less than the outside diameter and equal to or greater than the inside diameter of the annular wale, and of forcing the annular wale into the slot so that walls of the slot cut off portions of the annular wale.

2,439,020
RAILWAY SWITCH OPERATING AND LOCKING MEANS
Orville Nell, Bridgeport, Ill., assignor of one-fourth to Johnnie E. Nell, Bridgeport, and one-fourth to Burnice W. Nell, Mount Carmel, Ill.
Application July 15, 1947, Serial No. 760,979
2 Claims. (Cl. 246—401)



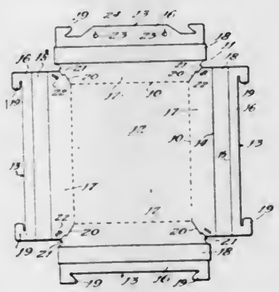
2. An operating and locking means for a switch tongue which normally occupies a switch-closed position against the inner side of a rail, said operating and locking means comprising a horizontally elongated locking member extending transversely under said tongue and rail and projecting outwardly beyond the latter, a bracket secured to and carried by said tongue, means pivotally connecting the inner end of said locking member to said tongue-carried bracket and mounting said locking member for movement with said tongue and for swinging movement from a normally raised tongue-locking position to a lowered tongue-releasing position, the outer end of said locking member having a cam slot said locking member having an upstanding inwardly facing shoulder which abuts the outer edge of the base of said rail when said said locking member occupies said raised tongue-locking position, a bridle bar connected with said tongue and having an end portion extending outwardly beyond said rail in parallel relation with said locking member, an operating bar for said bridle bar and locking member, means connecting said operating bar with said bridle bar and mounting said operating bar for sliding movement longitudinally of said bridle bar from an outer switch locked-position to an inner switch-unlocked position, an actuating rod connected with said operating bar for longitudinally shifting the same, means for limiting the sliding movements of said operating bar with respect to said bridle bar, a lateral arm secured to said operating bar and received in said cam slot of said locking member for swinging said locking member to said lowered tongue-releasing position when said operating bar is slid inwardly with respect to said bridle bar prior to switch-opening movement of said bridle bar, and for restoring said locking member to said raised tongue-locking position when said operating bar is slid outwardly with respect to said bridle bar after switch-closing movement of said bridle bar, and a flat casing at the outer side of said rail and enclosing the outer end portions of said bars, said arm and the major portion of said locking member, said casing having an opening through which said actuating rod extends.

2,439,021
PREPARATION OF SATURATED HYDROCARBONS
Harold T. Quigg, Bartlesville, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware
Application July 24, 1945, Serial No. 606,868
11 Claims. (Cl. 260—683.4)



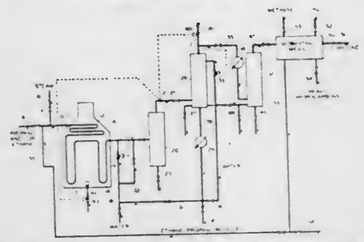
1. A process of converting normally gaseous olefin comprising mainly ethylene contained in a gaseous mixture containing other normally gaseous components into heavier hydrocarbons having molecular weight and boiling point in the motor and aviation fuel range which comprises absorbing said olefin comprising mainly ethylene from said normally gaseous mixture in liquid isoparaffin in an absorption zone while allowing other normally gaseous components to pass through undissolved, withdrawing the resulting solution of olefin in liquid isoparaffin from the absorption zone and feeding it directly to a polymerization zone, effecting catalytic liquid phase polymerization of said olefin comprising mainly ethylene to higher-boiling olefin principally in the C_4 to C_6 range and mainly butylene in said polymerization zone, said isoparaffin serving as a diluent and enabling maintenance of liquid phase in said polymerization step, withdrawing the resulting mixture of said isoparaffin and said higher-boiling olefin and feeding it to an alkylation zone, and there alkylating said isoparaffin with said higher-boiling olefin to give heavier hydrocarbons having molecular weight and boiling point in the motor and aviation fuel range.

2,439,022
COLLAPSIBLE DISPLAY FRAME
Earl M. Roach, Chicago, Ill., assignor to Arvey Corporation, Chicago, Ill., a corporation of Illinois
Application February 26, 1944, Serial No. 524,128
10 Claims. (Cl. 40—154)



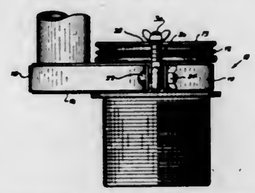
1. In a collapsible display constructed of foldable material comprising a polygonal-shaped central panel, side pieces severed from each other and secured to the side edges of said central panel and foldable from the plane thereof to form a hollow angular forwardly projecting frame for said central panel, each of said side pieces being provided with spaced lines of fold dividing each side piece into a plurality of elongated side panels disposed lengthwise with respect to the side edges of said central panel comprising an outermost side panel adapted to be rearwardly folded and to extend parallel to said central panel, at least one intermediate side panel, and an innermost side panel adapted to be folded forwardly of the face of and to extend angularly to said central panel, complementary inter-lockable hook-tab means adjacent the ends of said outermost side panels, said hook-tabs at the opposite ends of each outer panel extending parallel therewith and towards each other, so that when said display is assembled, the complementary hook-tabs will be in superimposed engagement and frictionally maintain said outermost side panels in rearwardly folded and interlocked relationship with each other, and supplemental means for fixedly maintaining said innermost side panels in forwardly extending symmetrical angular relationship to said central panel and the component side panels in angular relationship to each other.

2,439,023
HYDROCARBON CONVERSION PROCESS
Sam P. Robinson, Bartlesville, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware
Application July 16, 1946, Serial No. 683,889
4 Claims. (Cl. 260—683)



1. An improved process for the production of ethylene, which comprises passing a reactant stream comprising primarily ethane, propylene and propane together with steam through a long, narrow, externally heated conversion zone, subjecting said stream in said conversion zone to a temperature between about 1350 and about 1650° F. under a pressure between about 15 and about 40 pounds per square inch absolute for a time sufficient to produce an optimum yield of ethylene and a minimum yield of heavier hydrocarbons, continuously introducing water into the stream of reaction products immediately after their passage from said conversion zone in an amount such as to cool said effluents to a temperature below about 1000° F., subsequently introducing additional water into said partially cooled reaction products in an amount sufficient to cool said reaction products to about 300° F., introducing the resulting cooled gaseous mixture into a scrubbing zone and countercurrently contacting same with a stream of water, passing gaseous hydrocarbon effluents of said scrubbing zone to separating means and recovering from said separating means a hydrocarbon fraction comprising ethylene so produced as a product of the process, and simultaneously discharging from the process said gaseous hydrocarbon effluents of said scrubbing zone and cutting off the supply of heat to said conversion zone whenever the temperature of the stream of said gaseous mixture entering said scrubbing zone reaches about 1000° F.

2,439,024
RENEWABLE VALVE SEAT
Harry N. Ruebel, Berlin, Md.
Application December 26, 1944, Serial No. 569,839
2 Claims. (Cl. 251—167)



1. In a renewable valve seat assembly a two-piece clamp member, a tapered washer, a ball valve seat and means for clamping said members to an old valve fixture, screws and wing nuts thereon whereby said clamp members are connected, said members having opposing wings to receive said screws and eye bolts pivoted on the

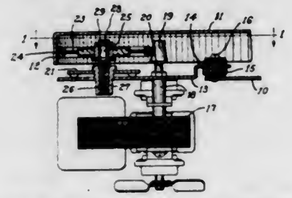
screws for engagement with said valve seat, and said last member having bifurcated arms to receive said eye bolts.

2,439,025
SLIDE RULE
Gordon W. Sammons, Hagerstown, Md.
Application March 28, 1944, Serial No. 528,450
6 Claims. (Cl. 235—71)



1. In combination with a slide rule having the usual slider and indicator with registering graduations providing scales on the slider and face of the rule; a tape longitudinally slidable on the face of the rule, said tape having graduations thereon corresponding with divisions of the slide rule, and means associated with the indicator for moving said tape wherein a plurality of divisions on the tape pass a line on the indicator as the line passes one division on the rule.

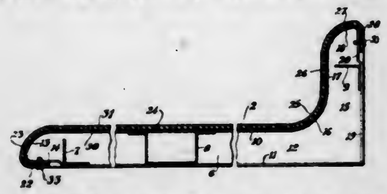
2,439,026
ADJUSTABLE COMPENSATING TURNTABLE DRIVE
Emmor V. Schneider, Alliance, Ohio, assignor to The Alliance Manufacturing Company, Alliance, Ohio, a corporation of Ohio
Application August 3, 1945, Serial No. 608,788
3 Claims. (Cl. 74—193)



1. A transmission including a support, a driving means rotatably mounted upon the support, a peripherally flanged driven means rotatably mounted upon the support, one of said means being tapered, a friction wheel mounting plate laterally movable upon the support, an adjusting screw threaded in the mounting plate, a friction wheel journalled upon the adjusting screw, means holding the friction wheel in contact with the driving means and with the peripheral flange of the driven means, and means for adjusting said screw to change the position of the friction wheel relative to the driving means and the driven means to adjust the speed of the driven means by changing the transmission ratio.

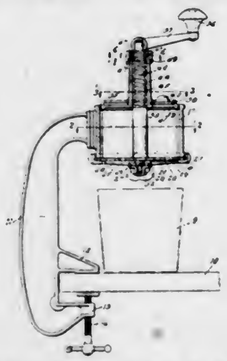
2,439,027
TABLE TOP CONSTRUCTION
Jacques Stanitz, Warren, Ohio, assignor to Mullins Manufacturing Corporation, Salem, Ohio, a corporation of New York
Application March 20, 1945, Serial No. 583,771
6 Claims. (Cl. 311—106)

1. In a table top construction, L-shaped end members and transverse members joined to the end members forming a structural frame; a facing member having a flat top, a curved front nosing portion, and a coved splashback; said L-shaped end members each having an upstanding leg; and means securing the facing member to



the structural frame with the facing member splashback adjoining and supported by said upstanding legs.

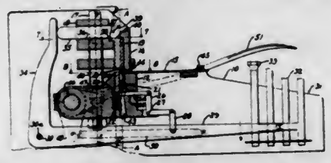
2,439,028
FOOD GRINDER HAVING A PERFORATED DISC, A PRESSER PLATE, AND A ROTARY KNIFE
Eugene V. Taylor, Chicago, Ill.
Application March 22, 1946, Serial No. 656,322
5 Claims. (Cl. 146—192)



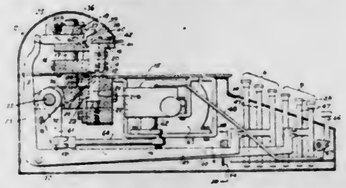
1. Apparatus for processing food stuff, such as meat, comprising, in combination, a hopper for receiving the food stuff, a die at one end of the hopper through which the food stuff is pressed, a shaft rotatably mounted in said hopper and exposed to the interior thereof and extending through and beyond the other end thereof, the portion of said shaft extending from said hopper being threaded for a distance about equal to the length of said hopper with the portion of said shaft within said hopper being completely smooth, means for rotating said shaft, a knife carried by said shaft and rotatable therewith adjacent said die for cutting said food stuff as it emerges therefrom, a pusher plate movable through said hopper for pushing said food stuff through said die, and an extension from said pusher plate having a threaded outer end for cooperating with said threaded portion of said shaft to move said pusher plate through said hopper on rotation of said shaft.

2,439,029
COMBINED CARD PUNCHING AND SLOTTING MACHINE
Nelson S. Welk, Athens, Ohio, assignor to The McBee Company, Athens, Ohio, a corporation
Application May 14, 1945, Serial No. 593,735
12 Claims. (Cl. 164—112)

1. In a machine of the character described, a plurality of integrally combined perforating and slotting punches, each of said punches having different perforating and slotting portions, a die operatively associated with each of said punches, operating means normally conditioned to be constantly effective to simultaneously operate said punches to effect perforation but to be normally ineffective to effect slotting, selective means for conditioning said operating means to operate selected punches to effect slotting while operating the remainder of the punches to effect perforation only.

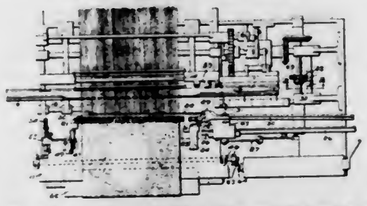


2,439,030
KEY-PUNCH SLOTTING MACHINE
Nelson S. Welk, Athens, Ohio, assignor to The McBee Company, Athens, Ohio, a corporation
Application June 14, 1945, Serial No. 599,404
8 Claims. (Cl. 164—112)



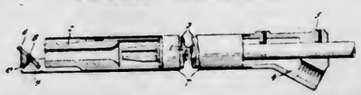
1. In a machine of the character described, a plurality of functionally integral slotting punches having two relatively offset slot punching portions, normally ineffective operating means for said punches, and selective means for conditioning said operating means to operate selected punches.

2,439,031
STOP MOTION FOR PILE WIRE LOOMS
Sydney S. Wilson, Sanford, Maine, assignor to Goodall-Sanford, Inc., Sanford, Maine, a corporation of Maine
Application May 15, 1947, Serial No. 748,182
11 Claims. (Cl. 139—336)



1. In a loom the combination of pile wire withdrawing and inserting means at one side of the loom, a feeler support pivotally mounted on the breast beam at the opposite side of the loom, a feeler movably mounted on the support and extending adjacent the path of the selvage rearward of the fell, means acting to stop the loom, unless, after an inserting movement of the pile wire withdrawing and inserting means, a pile wire is in the shed projecting from the selvage and is carried forward by the lay on the beat-up to engage and move the feeler, and means acting after each wire inserting movement and subsequent beat-up of the lay to raise the feeler support on its pivot and allow the feeler to drop into normal position rearward of the fell.

2,439,032
SHOT BLASTING NOZZLE
John O. Almen, Royal Oak, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application November 1, 1945, Serial No. 626,065
5 Claims. (Cl. 51—11)



5. Shot blast means for compressively stressing the interior surface of an opening, comprising a conductor member for flow therethrough of shot blasting material, said member terminating in a discharge end insertable within the opening whose internal surface is to be compressively stressed, a deflector cooperating with said discharge end to direct the discharge of said shot blasting material laterally from said discharge end for impingement on said internal surface and means mounting the deflector for relative rotation circularly of the member.

2,439,033
VANED TIRE
John O. Antonson, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application March 1, 1947, Serial No. 731,789
7 Claims. (Cl. 244—103)

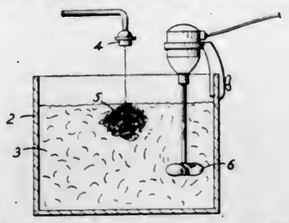


1. A tire comprising an annular body having a side wall comprising rubber-like material, vanes comprising rubber-like material integral with said side wall at spaced-apart positions thereabout providing resilient hinged connections with said side wall, each vane having at least one layer of parallel cords extending across its hinge line and continuing into said vane and said side wall adjacent thereto, and a layer of extensible fabric extending about the hinge line and therefrom along the inner face of the vane and the surface of the side wall beneath the vane, said fabric being stretchable in a direction normal to the hinge line.

2,439,034
PROCESS OF FORMING POROUS ARTIFICIAL MASSES
Orlando A. Battista, Claymont, Del., assignor to American Viscose Corporation, Wilmington, Del., a corporation of Delaware
Application March 16, 1944, Serial No. 526,799
8 Claims. (Cl. 18—54)

6. A method of forming an artificial mass comprising a bunched up monofil comprising regenerated cellulose having intermeshing crimps forming interstitial pores permanently impressed thereon which comprises the steps of continuously extruding viscose through a jet having a single orifice into an agitated liquid incapable

of regenerating viscose to cellulose in the cold, the liquid being heated to a temperature of about 80° C. to 100° C., whereby the cellulose is regenerated, and the specific gravity of the liquid being greater than the specific gravity of the viscose



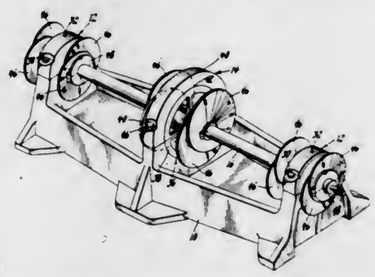
so that the extruded material is buoyed up or supported at the surface of the liquid, the viscose being coagulated and the cellulose being regenerated by the heated liquid simultaneously with crimping of the continuous monofil.

2,439,035

BEARING TESTING MACHINE

Joseph B. Bidwell, Philadelphia, Pa., and Arthur F. Underwood, Grosse Pointe, Mich., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application March 8, 1945, Serial No. 581,652
7 Claims. (Cl. 73—7)



6. In a bearing test machine, the combination of a support provided with bearing means, a long uniformly flexible shaft rotatably mounted in said bearing means, a bearing holder on the support adapted to receive a test bearing in which the shaft is journaled, a pair of weights of equal mass on said shaft adjacent said bearing holder and on the side thereof opposite said bearing means, said weights having their centers of mass eccentric to the shaft axis and independently pivoted on the shaft for circumferential adjustment about the shaft axis and means for locking the weights to the shaft in any desired position of adjustment so as to give any desired camber to adjacent portions of the shaft including the portion journaled in said test bearing.

2,439,036

ADJUSTABLE LOCK KEEPER

John A. Bohnsack, Waynesboro, Va., assignor to Hopeman Bros., Inc., New York, N. Y., a corporation of Delaware

Application January 25, 1946, Serial No. 643,274
8 Claims. (Cl. 292—340)

1. An adjustable lock keeper comprising an attaching member formed with a bolt receiving opening, a strike member adjustably mounted on said attaching member, one of said members having an abutment and the other of said members being formed with a slot receiving said abutment with said slot extending in a direction transverse to said opening to provide for adjustment of said strike member relative to said bolt, and a locking



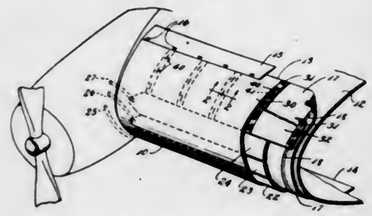
part engaging said other member and formed with a slot receiving said abutment, said locking part slot being inclined to said direction and said part being movable to adjust said strike member in said direction and normally securing said strike member against movement by said bolt.

2,439,037

ICE REMOVING COVERING FOR AIRCRAFT

Robert G. Campbell, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

Application March 17, 1944, Serial No. 526,867
2 Claims. (Cl. 244—134)



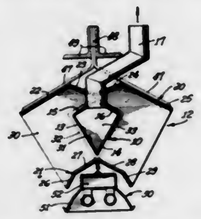
1. A protective covering for a surface, said covering comprising an elastic sheet body adapted to be mounted in stretched condition over said surface, said sheet body including a layer having a perforation, a reinforcement of textile material about said perforation, and a layer over said perforation and said reinforcement, said last-named layer having a slit extending across said perforation in the direction of stretch and being adhered to said reinforcement about the slitted area, said slit being effective to control flow of air through said covering.

2,439,038

OVERHEAD GAS-FIRED RADIATOR AND REFLECTOR

William G. Cartter, Monrovia, Calif.

Application November 21, 1942, Serial No. 466,409
12 Claims. (Cl. 126—91)



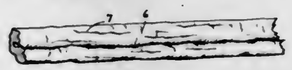
3. An overhead gas heater comprising the combination of: a horizontally elongated combustion chamber formed of plane walls having a cross section in the form of a quadrilateral of which two pairs of adjacent sides are equal, burner means adapted to direct a flame into said chamber for heating the same, and a plane faced reflector co-extensive in length with the combustion chamber and spaced above the latter to reflect approximately all of the heat rays downwardly and outwardly which are initially projected from said combustion chamber at an angle substantially above horizontal.

2,439,039

PROCESS OF PRODUCING MEDULLATED ARTIFICIAL FILAMENTS

Elvin L. Coe, Nitro, W. Va., assignor to American Viscose Corporation, Wilmington, Del., a corporation of Delaware

Application September 26, 1944, Serial No. 555,809
4 Claims. (Cl. 18—54)



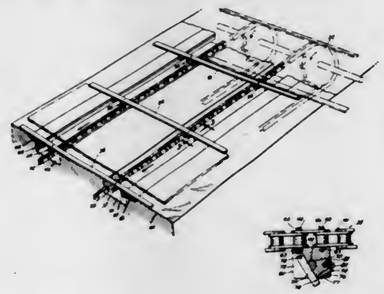
1. A process for the production of artificial fibers having, in cross section, a horseshoe shape comprising the steps of spinning a normal viscose of normal spinning viscosity, having a salt point of from 2.7 to 4.1 and containing sodium sulphate into a coagulating and regenerating bath consisting of an aqueous solution of sulphuric acid in a concentration of from 8 to 12%, 21 to 27% sodium sulphate, and from 0 to not more than 1.25% of zinc sulphate.

2,439,040

CONVEYOR SLAT SECUREMENT

Harry L. Cohen, New York, N. Y., assignor to S & S Corrugated Paper Machinery Co. Inc., Brooklyn, N. Y., a corporation of New York

Application April 2, 1946, Serial No. 659,117
3 Claims. (Cl. 198—175)



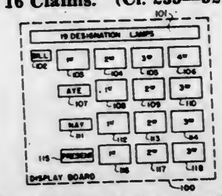
1. Blank moving means comprising a moving chain and a slat removably secured thereto; said slat having an extension depending therefrom; said chain carrying a latch member; said latch member comprising a plate; an opening in said plate to receive said extension; a lock member movable into said opening; and a recess in said extension to receive said lock member; means biasing said lock member into said opening; said lock member being manually removable from said opening; said lock member comprising a lever; a recess in said plate; said lever being pivotally mounted in said recess for movement in a plane normal to the axis of said opening.

2,439,041

VOTE INDICATING SYSTEM

Leonard F. Crabtree, Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc., a corporation of Delaware

Application January 27, 1941, Serial No. 376,183
16 Claims. (Cl. 235—52)



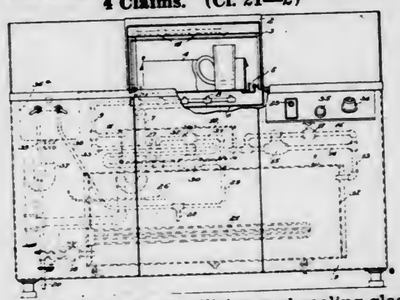
1. A vote indicating system comprising a display unit for displaying a vote total, a plurality of voting stations each including means for casting a vote, means controlled in accordance with the votes cast at said stations for determining the total to be displayed by said unit, manually operable means for selecting a desired total to be displayed by said unit, and transfer means for rendering either of said two last-named means operative to control said unit.

2,439,042

METHOD AND APPARATUS FOR STERILIZING GLASSES, DISHES, OR THE LIKE

Carmelo V. Di Pietro, Birmingham, Mich., assignor to Richardson Corporation, Rochester, N. Y., a corporation of New York

Application January 8, 1945, Serial No. 571,793
4 Claims. (Cl. 21—2)



1. Apparatus for sterilizing and cooling glasses, dishes, or the like including a sterilizing compartment, spray means in the sterilizing compartment, a hot water supply tank, electric heating means in said tank for maintaining the water at a predetermined temperature, a tempering chamber, a pipe connecting said tank and tempering chamber, a pipe connecting the tempering chamber with said spray means, a cold water conductor located in heat-exchange relation to said tempering chamber, and a cold water pipe leading to said cold water conductor, said cold water conductor being connected to said pipe leading to the spray means.

2,439,043

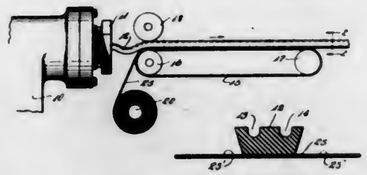
METHOD OF MAKING ENDLESS BELTS

Benjamin A. Evans, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

Application May 12, 1943, Serial No. 486,663
6 Claims. (Cl. 154—4)

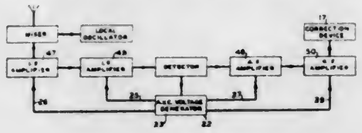
1. The combination of steps in a method of making an endless belt which comprises ar-

ranging a plurality of endless grommets in spaced-apart parallel relation, forming a strip of unvulcanized rubber-like material with



spaced-apart longitudinal grooves, and applying said strip to the spaced grommets with its grooves each receiving a grommet.

2,439,044
COURSE SOFTENING SYSTEM
Thomas M. Ferrill, Jr., Hempstead, N. Y., assignor to The Sperry Corporation, a corporation of Delaware
Application March 4, 1943, Serial No. 478,013
20 Claims. (Cl. 343—108)



19. A course softener for an aircraft instrument landing receiver adapted to compensate for the increase in the relative variation of the course-determining field strength for a given transverse extent of departure as said aircraft approaches a landing, said softener comprising control means operative on said receiver to progressively lower the output intensity of said receiver as the input signal strength increases.

2,439,045
JEWEL CASE
Philip Fox, Bala, Pa.
Application September 25, 1944, Serial No. 555,666
4 Claims. (Cl. 206—45.17)



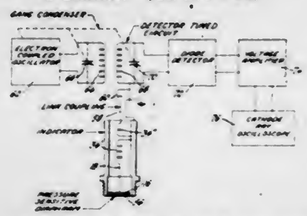
3. A jewelry case comprising a hollow base member shaped to rest upon a flat supporting surface, a plurality of petals made in simulation of the petals of a flower hingedly secured to said base member, a cushion member adapted to have articles of jewelry mounted thereon and enclosed within the petals when the same are in their closed position, and means contained within the hollow base member for simultaneously moving the petals from one position to the other, said means comprising a rotatable cam member having grooves therein engaging projecting portions of the petals, and a lever arm extending from said cam member and adapted to be engaged by the user to actuate the cam member and thereby bring the petals to the closed or open positions.

2,439,046
WINDOW SASH CONTROL
Forrest D. Grim, Allentown, Pa.
Application June 4, 1946, Serial No. 674,201
7 Claims. (Cl. 292—74)



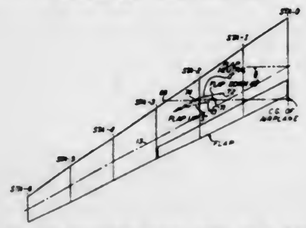
1. Control mechanism for an article slidably movable alongside an approximately abutting frame, the control mechanism comprising a member having a face frictionally engaging the frame, a roller disposed against the back of the said member, and means forcing the roller against the said member so that the face of the said member is held against the frame.

2,439,047
PRESSURE INDICATOR
Carl E. Grinstead and Robert N. Frawley, Detroit, Mich., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application May 27, 1944, Serial No. 537,609
4 Claims. (Cl. 178—44)



4. In detecting means, a pick-up unit whose electrical characteristics are altered by a variation in ambient conditions that it is desired to indicate, an oscillator for generating high frequency power, a detector, a pair of similar coupled tuned circuits interconnecting the oscillator and detector and a low impedance line coupling the pick-up unit with the tuned circuits so that a variation in the pick-up is introduced into the coupling circuits and an indication obtained at the detector.

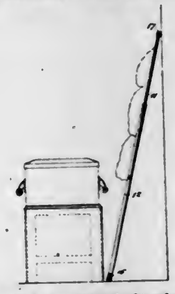
2,439,048
TAILLESS AIRPLANE
Walter H. Korff, Burbank, Calif., assignor to Lockheed Aircraft Corporation, Burbank, Calif.
Application October 5, 1942, Serial No. 460,797
4 Claims. (Cl. 244—13)



1. A tailless aircraft, comprising: a swept-back tapered wing including wing semispans with

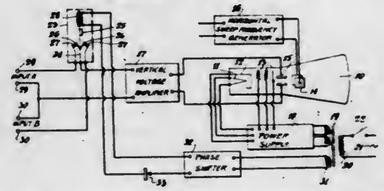
washout of incidence and straight leading and trailing edges from root to tip of each wing semispan, the ratio of the amount of taper to the degree of washout being such that the locus of approximate points of resultant centers of pressure on each wing semispan at operating angles of attack is an arcuate line extending generally spanwise of the wing, and the degree of sweepback of the wing semispans being of an amount to locate the center of pressure points corresponding to the angle of trim of each wing semispan on a rectilinear line passing through the center of gravity of said aircraft so that the points on the arcuate line for increasing angles of attack lie rearwardly of said rectilinear line and outwardly toward the tip of each wing semispan and the points on the arcuate line for decreasing angles of attack lie forwardly of said rectilinear line and inwardly toward the root of each wing semispan; trailing edge flap means hinged to each wing semispan inwardly of the tip portion thereof; and means for effecting angular displacement of said flap means, the major portion of said flap means being located to the rear of said rectilinear line, whereby downwardly displaced positions of said flap means cause forward displacement of the locus of said resultant centers of pressure, thereby varying simultaneously and inversely with respect to one another the maximum effective lift and center of pressure coefficients of said wing relative to the center of gravity of said aircraft.

2,439,049
DISPLAY RACK
John S. Lesko, Bridgeport, Conn.
Application August 4, 1944, Serial No. 548,039
19 Claims. (Cl. 211—182)



12. A collapsible vertical display rack having a pair of tubular uprights of square cross-section, each comprising upper and lower telescoping members, the lower members each having a pair of apertures in one wall longitudinally spaced from each other; a crossbar having hooks at its ends extending into the lower apertures of each lower member and hooking on the said wall of the latter; and a second crossbar having hooked ends extending into the upper apertures of the lower members, said upper members resting at their lower ends on the hooks of the first-mentioned crossbar to maintain same in position against accidental dislodgement, and said upper members having apertures in one wall aligned with the upper apertures of the lower members so that the ends of the second-mentioned crossbar may hook onto the said walls of the upper and lower members simultaneously, the square cross-section of the uprights providing for convenient registration of the said aligned apertures if the members are caused to telescope initially in correct rotative relation.

2,439,050
VIBRATORY SWITCHING DEVICE FOR OSCILLOGRAPHS
Henry Rogers Mallory, Indianapolis, Ind., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
Application September 2, 1944, Serial No. 552,425
9 Claims. (Cl. 315—26)



1. In a device for simultaneously exhibiting traces corresponding to a pair of variable voltages by means of an oscillograph, the combination which comprises a vibratory electromagnetic interrupter having a vibratory reed adapted to alternately actuate a pair of contacts and a driver coil therefor, an input circuit for each of said voltages respectively connected to said contacts, and a common output circuit connected to said reed and electrically associated with said oscillograph, said driver coil being energized at a constant low frequency rate from an external current source thereby to cause vibration of said reed and alternate connection of said input circuits to the common output circuit, the resonant frequency of said reed being substantially an integral multiple of the frequency of driver coil energization whereby the frequency of the vibratory interrupter is locked in with the frequency of said external current source.

2,439,051
FLEXIBLE SHEET MATERIAL COMPRISING A SURFACE COATING CONTAINING POLYVINYL CHLORIDES
John Heron McGill, Manchester, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application October 28, 1942, Serial No. 463,692. In Great Britain October 8, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires October 8, 1961
4 Claims. (Cl. 117—72)

3. A process of preparing coated fabrics which comprises calendering onto a fabric base a plastic composition, the film-forming agent of which consists of polyvinyl chloride, and applying thereto a composition containing a solution of material selected from the group consisting of polymeric esters of methacrylic acid and a lower saturated aliphatic alcohol containing 1 to 3 carbon atoms, polyvinyl esters of lower fatty acids, polyvinyl acetals, polymeric esters of acrylic acid, and polymeric methacrylic nitrile, said solution having dispersed therein finely divided solid polyvinyl chloride powder.

2,439,052
SHUTOFF VALVE MECHANISM
Robert D. McIntosh, River Forest, Ill., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application August 26, 1943, Serial No. 500,052
2 Claims. (Cl. 251—31)

2. In a valve mechanism, a packless valve assembly comprising a body having a valve cham-

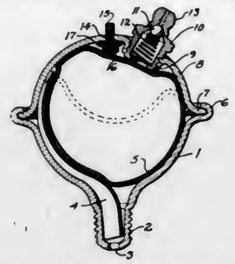
ber, inlet and outlet ports communicating therewith and an aperture also communicating with the valve chamber, a valve seat formed in the valve body intermediate the inlet and outlet ports and opposite and concentric with the aperture in the valve body, a pull operated valve element adapted for cooperation with said valve seat having a composite stem comprising a first section integral with the valve element and extending through the aperture coaxially therewith, and a second section forming an extension of the first section rigidly and threadedly secured thereto, said second section being cylindrical and substantially greater in axial dimension than in diametrical dimension, the stem having an element thereon adapted to engage a stationary part of the valve body in valve-open position to limit endwise movement of the valve element, a partition across the aperture centrally apertured for the projection therethrough



of the first section of the stem and providing a guide therefor, a bonnet threadedly secured to the valve body having an elongated cylindrical bore for the reception and extension therethrough of the second section of said valve stem, said second section and the bore in said bonnet having a close sliding fit to provide an elongated bearing surface for retaining the valve element properly positioned, a flexible sealing member within the body having the edges thereof sealed at the walls of the chamber, thereby closing one side of the chamber, the mid-portion of said sealing member being sealed around the valve element, and a relatively stiff helical compression spring surrounding the first section of the stem and bearing at one end against the valve element and at the other end against said partition for normally holding the valve element against the seat, said spring having an internal diameter only slightly larger than the external diameter of the first section of said valve stem.

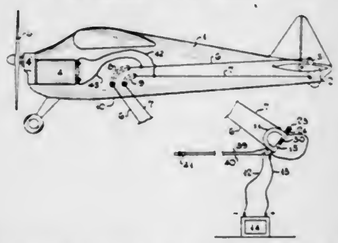
2,439,053
LUBRICATING DEVICE
George L. Moore, Detroit, Mich.
Application May 24, 1943, Serial No. 488,287
4 Claims. (Cl. 184—39)

1. A lubricant cup comprising a pair of substantially semispherical sheet metal members connected together to form a receptacle for lubricant, a gas filled flexible ball arranged within and being shaped to closely conform to the interior contour of said receptacle, and a trough member extending into the outlet of said recep-



tacle and acting as a channel for transmission of lubricant to said outlet.

2,439,054
MODEL AEROPLANE
Edwin Mosthof, Orange, N. J.
Application March 27, 1946, Serial No. 657,445
6 Claims. (Cl. 46—78)

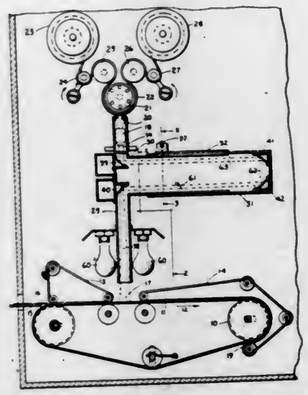


1. A model plane adapted to fly, having a small electric motor mounted therein and connected to the propeller, two electrically conducting wires, insulated from each other, leading into the plane, electrical connecting means between said wires and said motor to allow operation of the motor by means of current passing through said wires, two cables, each attached in controlling relation to the elevators of the plane on one end and to each of the wires leading into the plane on the other, in such manner as to allow moving of the elevators by moving of said wires to effect any desired change of altitude of the plane while the motor is operating, a hand grip connected to the terminals of the wires outside of the plane, and a source of electric power to be fed to said wires.

2,439,055
OPTICAL SYSTEM FOR MICROFILM APPARATUS
Verneur E. Pratt and George F. Gray, Norwalk, Conn.
Application May 15, 1945, Serial No. 593,891
5 Claims. (Cl. 88—24)

1. In a photographic apparatus, the combination with a lens and a copy support mounted in said apparatus in the front focal plane of said lens, of a fixed beam-deflecting member lying across the optical path between said lens and copy support and adapted to angularly deflect the optical beam entering said lens, a second beam-deflecting member adapted to receive and angularly deflect the optical beam received from said first member, a third beam-deflecting member adapted to receive and angularly deflect the

optical beam received from said second member, a fourth beam-deflecting member adapted to receive and angularly deflect the optical beam received from said third beam-deflecting member, all said members being located between said lens



and copy support, and means for varying the length of the optical path between some of said members to vary the length of the optical path between said lens and copy support while said lens and support remain relatively fixed in said apparatus in relation to each other.

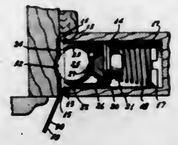
2,439,056
TOOTH CLEANING APPLICATOR
Harry R. Rathbun, Glen Ellyn, Ill.
Application December 13, 1941, Serial No. 423,418
4 Claims. (Cl. 15—227)
Section 3, Public Law 690, August 8, 1946
Patent expires December 13, 1961



2. A dental massage and polishing utensil comprising a linear strip of flexible material, having a cleansing and polishing surface thereon, said linear strip of flexible material having a plain margin beyond said cleansing and polishing surface, there being cross-slits in the plain margin of said linear strip of flexible material beyond said cleansing and polishing surface for enabling the attachment of said flexible strip of material to and around the forefinger for rubbing application to the teeth.

2,439,057
DOOR OR DRAWER LATCH
Fred J. Russell, Beverly Hills, Calif., assignor to Weiser Company, South Gate, Calif., a corporation of California
Application January 21, 1947, Serial No. 723,314
10 Claims. (Cl. 292—75)

1. A latch comprising a projectable retaining member adapted when installed in a structural body to advance beyond the surface thereof, said retaining member being formed with a shouldered portion, a floating contact element within said retaining member, said retaining member embodying a stop to limit the inward travel of said floating contact element within said retaining member and embodying an opening through which the contact element may project and embodying limit means to fix the maximum projection of said contact element, and a housing for said retaining member embodying means to limit the advance of the retaining member, said last



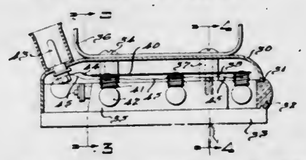
means including a plate portion of said housing having an opening for the retaining member and having an abutment portion extending into said opening engageable with the shouldered portion of the retaining member.

2,439,058
METHOD OF MAKING HAND TOOLS
Lester Raymond Ryan, Plymouth, Conn.
Application December 6, 1945, Serial No. 633,124
1 Claim. (Cl. 76—106)



The method of making an article of the character described comprising providing a blank including an elongated shank portion having an extension at one end and a pair of wing-like portions one integral with each longitudinal edge of said shank, providing each wing-like portion with ears spaced along its free longitudinal edge forming said wing-like portions into open-ended trough-like members having their open sides facing oppositely, then folding said trough-like members into positions over opposite sides of said shank portion with the open sides of said members facing the shank portion, and clinching the ears of the respective members over portions of said shank to fasten the free longitudinal edge portions of the members in place.

2,439,059
ELECTRIC IRON
Thomas F. Saffady, Detroit, Mich., assignor to Sav-Way Industries, Inc., Warren Township, Macomb County, Mich., a corporation of Michigan
Original application December 6, 1943, Serial No. 513,050. Divided and this application August 17, 1944, Serial No. 549,898
2 Claims. (Cl. 240—2)



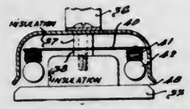
1. An electric iron comprising a base member including a sole plate and a heating element, a concave cover member and handle mount secured at its marginal edge to the edges of said base member and comprising an upper portion of sheet metal and a complemental lower portion of translucent material forming three lower sides thereof, means securing said cover

member upon said base member, and light sources mounted within said cover and disposed in the lateral plane of said translucent portion of said cover.

2,439,060
ELECTRIC IRON

Thomas F. Saffady, Detroit, Mich., assignor to Sav-Way Industries, Inc., Warren Township, Macomb County, Mich., a corporation of Michigan

Original application December 6, 1943, Serial No. 513,050. Divided and this application August 17, 1944, Serial No. 549,899
1 Claim. (Cl. 240—2)

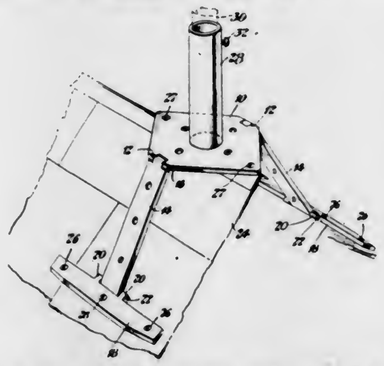


An electric iron comprising a sole plate, a heating plate on said sole plate, a set of insulating washers on said heating plate, a light supporting plate supported by said washers, a second set of insulating washers on said light supporting plate, a cover having a depending flange supported by said second set of washers, means for fastening said cover to said heating plate and extending through said washers and said light supporting plate and securing the depending flange of said cover parallel and in spaced relation to said sole plate around its sides and nose, and lights carried by said light supporting plate and disposed adjacent the space between said cover and said sole plate.

2,439,061
ANTENNA MOUNTING

John Wilson Shur, Sea Cliff, N. Y., assignor to Shur-Antenna-Mount Inc., Sea Cliff, N. Y., a corporation of New York

Application December 15, 1944, Serial No. 568,319
7 Claims. (Cl. 248—43)

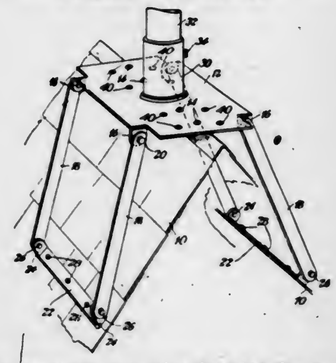


1. A mounting for an antenna, comprising a rigid flat metal platform member adapted to rest upon a supporting structure, an upright mast holding member attached to a surface of the platform member at about its center, said platform member having a link member hinged to its edge on opposite sides of said mast holding member, said links being adapted to pivot through a wide arc but substantially only in a plane which includes the axis of said mast holding member, holes through said platform for attaching the mounting to a supporting structure, and means by which the links may be attached to the supporting structure.

2,439,062
ANTENNA MOUNTING BRACKET

John Wilson Shur, Sea Cliff, N. Y., assignor to Shur-Antenna-Mount Inc., Sea Cliff, N. Y., a corporation of New York

Application April 4, 1945, Serial No. 586,547
8 Claims. (Cl. 248—43)

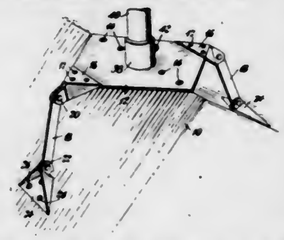


1. An antenna mounting bracket for supporting an antenna mast on the roofs of buildings and other structures, comprising a substantially rectangular-shaped horizontal heavy metal platform of substantial area, an upright member attached to the central portion of the upper surface of the platform for holding an antenna mast, a brace arm hinged to each of the four corners of the platform, a pair of said arms being adapted to extend as an anchoring means for each of two sides of said platform, and a plate pivoted to the extending ends of each pair of arms for attaching the bracket to the sloping surface of a roof or other structure.

2,439,063
BRACKET FOR MOUNTING ANTENNA MASTS

John Wilson Shur, Sea Cliff, N. Y., assignor to Shur-Antenna-Mount Inc., Sea Cliff, N. Y., a corporation of New York

Application April 21, 1945, Serial No. 589,608
15 Claims. (Cl. 248—43)



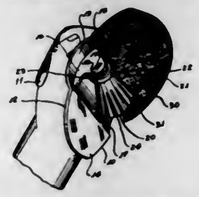
1. An antenna mounting device adapted to support an antenna on the ridge of a building roof, comprising a rigid substantially square-shaped platform member adapted to rest horizontally on said ridge with a diagonal thereof in line with the ridge, an upright mast holding member attached to and extending from the upper surface of said platform member adapted to

hold an antenna mast, an anchor member attached to each of the two corners of said platform at the sides of said ridge, said anchor member including a pair of projecting lugs, a metal link pivoted to the lugs of each anchor member and extending down to the sloping sides of the roof, and a second anchor member connected to the lower end of each link for attaching the device to the roof, said second anchor member having a flat side facing the roof and adapted to be attached in a flat position onto the sloping roof surfaces.

2,439,064
TOOL FOR MANIPULATING RUBBER

Frank S. Sternad, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

Application January 10, 1945, Serial No. 572,161
7 Claims. (Cl. 154—9)

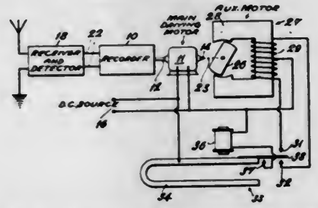


1. A tool for manipulating sheet material comprising a rubber composition, said tool comprising a support formed to fit the hand of the operator by contact of its back with the open palm of the hand, and a free-running roller mounted on the opposite face of said support, said roller having a conical rolling portion and a flange radial thereto at the smaller end thereof, and having its axis disposed oblique to the longitudinal axis of said support.

2,439,065
SPEED CONTROL BY MEANS OF TUNING FORKS

Welby E. Stewart, Indianapolis, Ind., assignor to Radio Corporation of America, a corporation of Delaware

Application December 5, 1944, Serial No. 566,762
1 Claim. (Cl. 318—47)

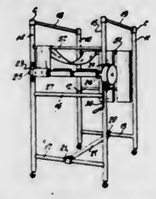


In a facsimile system, a scanner, a power drive for said scanner including a direct current motor, an auxiliary motor for controlling the speed of said motor comprising a polarized rotor and a stator, a field winding on said stator having a center tap, a direct current supply source for said synchronous motor, means for connecting said synchronous motor to said direct current source comprising a tuning fork interrupter, said interrupter having a pair of stationary contacts connected respectively to each end of said field winding, a vibrating contact vibrating with said fork and connected to the lead of said D. C. source the other lead of said source being connected to said center tap, an electromagnet disposed adjacent one of the tines of said fork, a connection from one terminal of said electromagnet to said center tap, a connection from other terminal of said electromagnet to a stationary contact which cooperates with said vibrating contact, said fork being designed to inherently vibrate at a single frequency proportional to the desired speed of operation of said scanner.

2,439,066
INVALID LIFT

Daniel F. Vanderlyn, Ellenville, and Jay N. Vanderlyn, Kingston, N. Y.; Tracey S. Vanderlyn executor of the estate of Daniel F. Vanderlyn, deceased

Application June 16, 1944, Serial No. 540,624
6 Claims. (Cl. 5—88)



1. A portable invalid lift comprising a plurality of end support members, side bars joining said end support means spaced apart a distance permitting said support means to be positioned on opposite sides of a bed or the like, each of said support means comprising a fixed transversely extending bar, and one of said support means comprising a rotatable transverse bar positioned below the said fixed transverse bar, said rotatable bar having thereon a number of sleeves rotatable around said bar as an axis, manually disengageable clutch means individual to each of said sleeves for connecting said sleeves respectively with said rotatable bar for rotation therewith, and supporting bands fixed at one end to the transverse bar of one of said end supports and extending over the fixed transverse bar of the other of said end supports and having their free ends respectively wound around said sleeves, whereby said bands may be elevated or lowered in unison when all the sleeves are clutched to said rotatable bar and said bar is rotated or selectively when one or more of said collars is disconnected from said rotatable bar, each of said sleeves having a U-shaped arm secured to the sleeve at its respective ends but spaced from the sleeve in a radial direction intermediate its ends providing an elongated space adapted to receive the free end of one of said supporting bands and to prevent slipping of the band on the sleeve as the band is wound up on said sleeve.

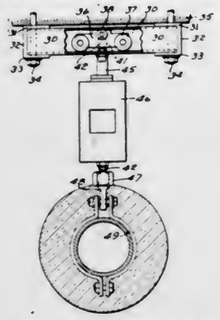
2,439,067
SUPPORT DEVICE

Joseph Kaye Wood, New York, N. Y., assignor to General Spring Corporation, New York, N. Y., a corporation of New York

Application March 27, 1943, Serial No. 480,746
11 Claims. (Cl. 248—54)

1. In a piping system having lengths of connected piping extending along different horizontal directions, whereby longitudinal thermal expansion of one of said lengths causes lateral movement of an adjacent portion of a connected length extending in a different direction, the combination therewith of a pair of spaced channel members substantially rigidly positioned edge-

wise and facing one another and parallel to a vertical plane approximating the path of free thermal movement of a point on said laterally moving piping, a truck movably mounted in said channels having rollers adapted to roll on each of the flanges respectively of said channels, the



floors of said channels sloping outwardly toward said vertical plane, whereby said truck tends to hold a central position, a spring hanger carried by said truck, a ball and socket connection between said truck and said hanger, and a ball and socket connection between said spring hanger and said pipe.

2,439,068

SOFT LEAD SOLDER

George H. Worrall, Kirkwood, Mo., assignor to National Lead Company, New York, N. Y., a corporation of New Jersey

No Drawing. Application January 15, 1944, Serial No. 518,405
3 Claims. (Cl. 75—166)

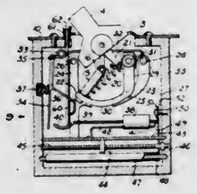
1. A solder composition useful with acid fluxes comprising by weight about 20% tin, from above 0.005% to about 0.5% of zinc and the balance substantially all lead.

2,439,069

DELAYED-ACTION SWITCH

George W. Anderson, Santa Monica, Calif.

Application April 2, 1945, Serial No. 586,166
6 Claims. (Cl. 200—122)



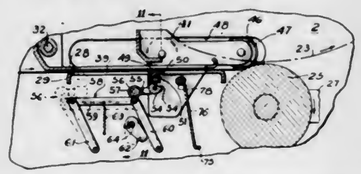
1. A delayed-action switch comprising a housing having spaced dielectric walls, two spaced fixed contacts carried by one of said walls, a connection terminal for one of said contacts, a fixed contact on the other wall, a connection terminal for the latter contact, a toggle-operated bridging contact for bridging between the last mentioned contact and either of the two spaced contacts, a plate conductor connected to one of said contacts, a thermal-controlled element electrically connected to the plate conductor, a spring urged lever electrically connected to another of said contacts and adapted for mechanical engagement by the bridging contact and electrical engagement with the third fixed contact and an end formed on the thermal-controlled element for abutting engagement with said lever when the mentioned element is relatively unheated to carry electric current from one terminal to the other in a path which includes the three contacts, the bridging contact, the plate conductor, the thermal-controlled element, and said lever, said end, upon heating of said element, being adapted to disengage itself from the lever to break the mentioned circuit path.

2,439,070

DUPLICATING MACHINE

Richard W. Bailey and Milo M. Harding, Los Angeles, Calif., assignors to Milo Harding Co., Los Angeles, Calif., a partnership

Application February 6, 1945, Serial No. 576,455
13 Claims. (Cl. 101—232)



1. In a duplicating machine having a printing element, a fixed paper guide, a movable stop means for the end of a sheet of paper associated with said guide, an initial moving means to move the end of the paper in contact with said stop means, a carriage operable relative to said guide means, a thrust member on said carriage and above the paper in said guide, means to press the paper rearwardly of the end thereof in engagement with said thrust member to connect the paper with said carriage, means separate from and beneath said carriage to operate said pressing means, means to move said carriage relative to said guide, means operable during said movement to move said stop means out of the path of said paper and to deliver the end of the same to the printing element, cam means to control all of said means in the order named and including cam means for moving the carriage at an accelerated speed until the same equals the peripheral speed of the printing element, whereby the paper simultaneously is connected to the carriage and in operative engagement with the printing element.

2,439,071

DETACHABLE HANDLE FOR KNIVES, HATCHETS, ETC.

Lawrence H. Basham, Alderson, W. Va.

Application April 11, 1946, Serial No. 661,309
2 Claims. (Cl. 279—77)



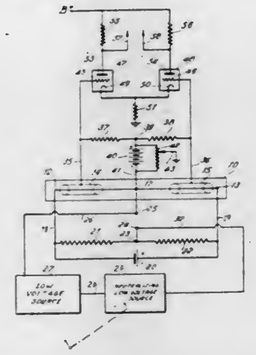
1. In a removable handle for blades, a pivotally mounted spring, a fixed bar, means at the ends of the spring and bar adapted to engage an end of a blade, a pivotally mounted lever adapted to engage one portion of the spring to move the spring to a position to tightly grip a blade, and a lip on the spring engageable by the lever to move the spring to a position to release a blade.

2,439,072

AMPLIFYING COUPLING BETWEEN A LOW RESISTANCE SOURCE AND A HIGH RESISTANCE CIRCUIT

William H. Bussey, Chicago, Ill., assignor, by mesne assignments, to Robert L. Kahn, trustee

Application May 29, 1945, Serial No. 596,503
7 Claims. (Cl. 179—171)



1. In a system of the character described, a vacuum tube diode system having two cathodes and two anodes, a heater circuit for energizing each cathode to electron emission, electric connections disposing said heater circuits in series to provide a common heater terminal and two end heater terminals, a steady source of potential connected to said end terminals, said steady potential source having a neutral point normally at the same potential as the common terminal of said heater circuits, said system being adapted to have a low resistance low voltage source of power connected between said neutral point and common terminal, a cathode anode circuit for each diode including a resistive load and source of steady potential, said two cathode-anode circuits being similar, said system having an output terminal at the end of each resistive load adjacent a diode electrode, said last-named steady potential being high enough to maintain saturation conditions.

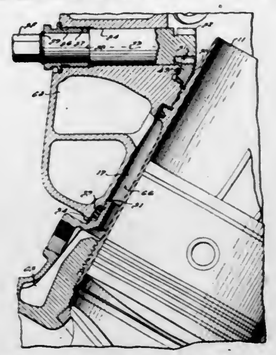
2,439,073

SEAL CONSTRUCTION

John P. Butterfield, Highland Park, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware

Application June 26, 1944, Serial No. 542,035
4 Claims. (Cl. 123—195)

1. In combination, a first member provided with an opening having a portion of a certain diameter at one region and an inwardly extending shoulder at one end of the portion, a second member positioned in the opening and having a part in close proximity to the said portion of the opening and a flange spaced from the part so as to form therewith an external annular groove and extending outwardly in somewhat spaced relation to the shoulder and into spaced adjacency with the said portion of the opening, a deformable seal positioned in the space between the flange and the part of the second member and within the said portion of the opening in the first member, and a ring having a radial flange extending inwardly between the shoulder and the flange on the second member and a cylindrical flange extending from the radial flange between the said portion of the opening in the first member and the flange of the second member and beyond the last mentioned flange into the seal so as to deform the seal into



good sealing relation with the first and second members.

2,439,074

CELLULOSE ACETATE FIBERS HAVING WOOL DYEING PROPERTIES AND A SPINNING SOLUTION THEREFOR

John R. Caldwell, Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

No Drawing. Application June 14, 1945, Serial No. 599,522
7 Claims. (Cl. 106—186)

1. Cellulose ester fibers having wool dyeing properties essentially consisting of a lower fatty acid ester of cellulose and approximately 10–30%, of a polymeric amine which is a viscous oil having the formula:

$$\left(-R'-\underset{\underset{R}{|}}{N}-R'-OCO-R''-CO-O-\right)_m$$

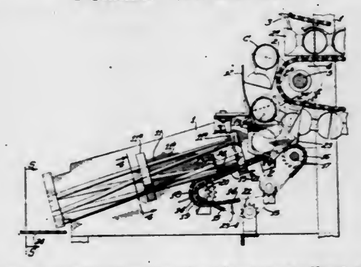
in which R is an alkyl radical having 1–4 carbon atoms, R′ is a saturated hydrocarbon radical having 2–4 carbon atoms, and of a structure such that at least 2 carbon atoms separate the N and O, R″ is a saturated hydrocarbon radical containing 1–8 carbon atoms, and m is a whole number greater than 6 the equivalent weight of the polymeric amine being no more than 14,000.

2,439,075

CAN TRANSFER AND ORIENTING MECHANISM

Andrew L. Christiansen, Willowbrook, Calif.

Application July 4, 1944, Serial No. 543,448
4 Claims. (Cl. 198—33)



1. In a mechanism of the class described, a pair of horizontal conveyors, the first having means for holding cans transversely with respect to the

longitudinal extent of the latter conveyor and for conveying the same, means for transferring said cans from the latter conveyor to a substantially upright position on the other conveyor, said means comprising a downwardly inclined helical passageway of substantially rectangular cross-section for receiving at one end the cans transversely therein from the first conveyor and in substantially the positions of the cans on said first conveyor, said passageway directing said cans toward the opposite end thereof and simultaneously turning the same so that they may be deposited in said substantially upright position on the other conveyor, and a third conveyor positioned at the bottom of the receiving end of the helical passage means, the upper stretch of the third conveyor being inclined to conform to the downward inclination of the helical passage means, one end of the third conveyor being positioned below the discharge end of the first conveyor for receiving cans in substantially horizontal positions from the first conveyor, the upper portion of the opposite end of the third conveyor being inclined transversely at substantially the transverse angle of the helical passage means into which said end of the third conveyor extends, the third conveyor having longitudinally spaced partitions for receiving singly the cans from the first conveyor.

2,439,076

COPOLYMER OF DICHLOROSTYRENE, BUTADIENE-1,3 AND PIPERYLENE

Charles C. Clark, Kenmore, N. Y., assignor to The Mathieson Alkali Works, Inc., New York, N. Y., a corporation of Virginia

No Drawing. Application November 19, 1943, Serial No. 510,922
2 Claims. (Cl. 260—74)

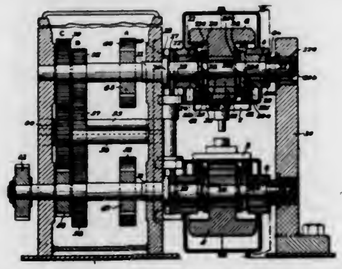
1. A synthetic rubber-like material consisting essentially of the reaction product of the interpolymerization of a mixture of monomeric materials, the reacting components of said mixture consisting of nuclear dichlorostyrene, butadiene-1,3 and piperylene, the proportion of nuclear dichlorostyrene in said mixture being 20%–46% by weight on the combined weights of said monomeric materials and the proportion of butadiene-1,3 constituting 65%–85% on a molar basis of the butadiene-piperylene component of said mixture.

2,439,077

FORMING MACHINE

Guy O. Conner, Cleveland Heights, Ohio

Application May 29, 1946, Serial No. 672,957
6 Claims. (Cl. 164—86)



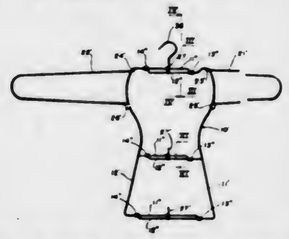
1. A forming machine comprising opposed parallel shafts, gears on said shafts, the pitch diameters of said gears being materially less than the distance beteen the axes of said shafts, other gears meshing with said first mentioned gears whereby said shafts rotate in opposite directions at the same speed, eccentric means on said shafts, cooperating forming heads operable by said eccentric means so that upon rotation of said shafts said heads partake of motion toward and away from each other and when closest together move also laterally generally in the same direction and counterweight means counterbalancing said heads.

2,439,078

ADJUSTABLE CONNECTOR FOR SLIDING MEMBERS AND THE LIKE

James D. Coney, Chicago, Ill., assignor to Carl B. Albert, Sullivan, Ill.

Application January 5, 1946, Serial No. 639,251
8 Claims. (Cl. 223—69)



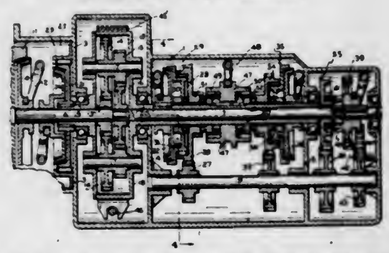
8. In an adjustable garment frame including relatively slidable adjacent parallel wire members, each of said slidable adjacent wire members having integral eyelets at their free extremities for receiving the other adjacent wire member for slidably guiding said adjacent wire members, a wire lever having an integral eyelet at one end for pivotal mounting on one of said adjacent wires between said guiding end eyelets thereon, and an angular extension in said lever for transverse sliding contact with the other of said adjacent wires to flex said adjacent wires pivotally mounted for movement transversely of said adjacent wire members between said eyelets to distort the parallelism of said adjacent wire members for frictionally holding said adjacent wire members against relative slidable displacement.

2,439,079

TRANSMISSION

Isaac F. Davidson, Portland, Oreg.

Continuation of application Serial No. 535,665, May 15, 1944. This application May 7, 1946, Serial No. 667,884
13 Claims. (Cl. 74—328)



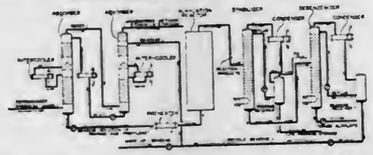
1. In a transmission, a driven shaft, said shaft including a pair of sections mounted in axial alinement, means for connecting one section of said driven shaft with the vehicle motor, a gear chain connecting said first mentioned section and the second section of said driven shaft, said gear chain including planetary pinions, a rotatable casing, said planetary pinions mounted in said casing, means for connecting said casing with said first mentioned shaft section to cause said casing to be rotated in unison with said first mentioned shaft section, means holding said casing from rotating in an opposite direction from that of said first mentioned shaft section but permitting said casing to be rotated in the same direction as said first mentioned shaft section, a countershaft, means connecting said countershaft to said driven shaft to cause rotation of said countershaft, a gear secured to said countershaft, a gear rotatably carried by said casing and meshing with said countershaft gear, clutch elements connected with said casing and the gear on said casing and so arranged as to cause said casing to be rotated with said latter mentioned gear when the clutch elements are moved into engagement, locking engaging means included in said clutch elements causing said casing to be rotated with a speed not less than that of said gear on said casing when said clutch elements are moved into engaging position but permitting said casing to rotate faster than the gear on said casing when said clutch elements are in engagement, manual means for moving said clutch elements into and out of engaging position, whereby the speed of rotation of said second section of said driven shaft can be changed by varying the rotation imparted to said casing, and whereby such changes of speed can be effected without disconnecting said motor from said driven shaft.

2,439,080

PROCESS FOR UTILIZING GAS MIXTURES IN THE ALKYLATION OF AROMATIC HYDROCARBONS

James A. Davies, Scarsdale, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

Application May 11, 1943, Serial No. 486,534
12 Claims. (Cl. 260—671)



10. In a process of producing cumene by reacting benzene with propylene, the improvement which comprises contacting a gaseous fraction containing propylene and a substantial amount of a lower boiling hydrocarbon with an amount of benzene in the liquid phase in substantial molecular excess of the propylene present under conditions at which propylene is absorbed by the benzene without substantial absorption of lower boiling hydrocarbons, and reacting the resulting absorption product under alkylation conditions.

2,439,081

POLYMERS OF CYANOACRYLIC ACID DERIVATIVES

Joseph B. Dickey and Fred C. Duennebier, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

No Drawing. Application May 5, 1944, Serial No. 534,337
1 Claim. (Cl. 260—80)

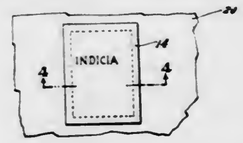
A polymer prepared by polymerizing a β-cyanoacrylic acid amide, trans form.

2,439,082

METHOD OF IDENTIFYING GOODS AND IDENTIFYING LABELS USED THEREWITH

Charles Emmey and Max Katzenstein, New York, N. Y., assignors to Press-On Inc., New York, N. Y., a corporation of New York

Application February 19, 1942, Serial No. 431,508
15 Claims. (Cl. 40—2)



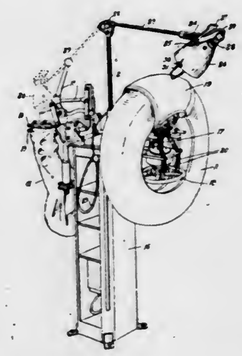
15. The combination with an article of manufacture to be identified, said article having interstices, of an identifying label comprising a film of thermoplastic synthetic resin, normally non-adhesive in characteristic, affixed at one surface of the label under heat and pressure to the said article, said surface of the label having indicia marked thereon the resin comprising the label at the said surface impregnated in the interstices of the article to integrate it therewith.

2,439,083

TIRE REPAIR DEVICE

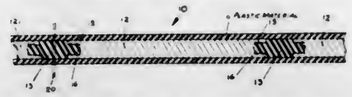
Elby Edward French, Denver, Colo., assignor to O. K. Ko-Op Rubber Welding System, Denver, Colo.

Application March 5, 1946, Serial No. 652,098
2 Claims. (Cl. 18—18)



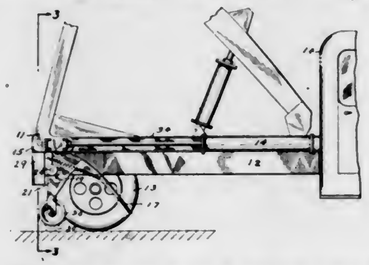
1. A tire repair device comprising in combination: a pedestal; means for supporting a tire casing at one side of said pedestal; a metal shell adapted to surround the tire casing when the latter is supported by said means; a supporting standard arising from said pedestal; an adjustable arm hinged to and extending from said standard over said casing supporting means; a lamp bracket hinged on the extremity of said arm; a lamp reflector carried by said bracket; an infra-red lamp in said reflector; and a V-shaped spacing rod adjustably secured to said reflector at its extremities and extending downwardly therefrom to contact said metal shell to support said reflector at any desired position and height over said casing.

2,439,084
INSULATED REINFORCED CIRCUIT BREAKER CONTACT BAR
Herbert C. Graves, Jr., West Chester, Pa., assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa., a corporation of Pennsylvania
Application December 28, 1944, Serial No. 570,095
3 Claims. (Cl. 200—166)



3. A contact bar for a circuit interrupter consisting of an elongated metallic reinforcing member attached to an aligned insulating member at each end, said reinforcing member having a socket at each end internally threaded, each of said insulating members having threaded extensions engaging the associated internal threads of said reinforcing members and having a portion having substantially the same diameter as said reinforcing member and an insulating molding material secured thereto to completely enclose the reinforcing member.

2,439,085
AUTOMATIC ANTITIP DEVICE
Albert Samuel Grzech and James G. Debelius, Baltimore, Md.
Application April 9, 1947, Serial No. 740,453
6 Claims. (Cl. 298—17)



1. In combination with a vehicle having a dumping mechanism, an anti-tilt assembly comprising in combination, a rim member normally arranged at an angle to the travel of said mechanism but in contact with same, an arm supporting said rim and guiding it through a predetermined line of travel, and means on said arm for engagement with the roadway on which the vehicle is positioned actuated by said arm to take up weight on the vehicle tending to tilt same, said rim member being actuated by the mechanism sliding on same during its operation, the weight thereon forcing the assembly to operate the means as the mechanism slides on the rim member during its travel.

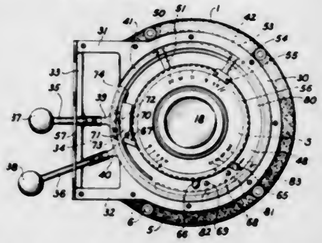
2,439,086
FULL VIEW PEEP SIGHT
William W. Hanley, Wetumka, Okla.
Application September 29, 1945, Serial No. 619,327
1 Claim. (Cl. 33—47)

A device as described comprising a transparent peep sight plate having a flaring peep opening with a dark wall, normally disposed horizontal and vertical darkened groove hair lines extending from the edges of said plate to said opening, dark edges on said plate, plate retainer sockets in the edges, a channelled holder for the plate, and spring actuated pins for engaging said



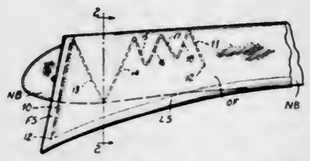
sockets for releasably securing said plate to said holder.

2,439,087
PROTECTIVE CASING FOR ENCLOSING PHOTOGRAPHIC SHUTTERS TO EXCLUDE MOISTURE AND DIRT THEREFROM
Douglass C. Harvey, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application June 14, 1945, Serial No. 599,339
6 Claims. (Cl. 95—53)



1. A protective casing for the reception of a complete shutter including a speed-setting member, a diaphragm-setting member and carrying lens elements; the protective casing comprising a housing, front and back plates in the housing, axially-aligned openings for the reception of said lens elements in the front and back plates of the protective casing, an annular guideway in the housing, rings extending about the axially-aligned openings and mounted to turn in the annular guideway, operable connections, one between one ring and said shutter speed-setting member, and one between the other ring and said shutter diaphragm-setting member, interengaging flanges on the rings and guideway, generally radially-extending arms, one carried by each ring and extending from the protective casing for moving the rings, said housing enclosing the greater part of said rings.

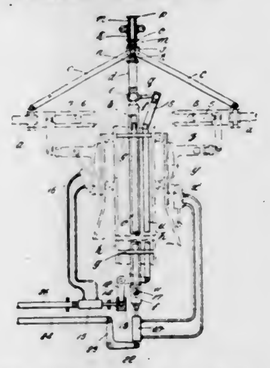
2,439,088
COLLAR SHAPING DEVICE
Vincent A. Herr, Collinsville, Ill.
Application January 12, 1946, Serial No. 640,879
2 Claims. (Cl. 2—132)



1. A collar stay adapted for use in pairs, one near each end or point of the collar, each such stay being formed of a length of spring stock including a pair of terminal anchoring pins one of which is of a length to extend downwardly into the outer band of the collar substantially fully through the front seam as a stiffener therefor, the second anchoring pin being of a length to extend

downwardly into the inner band of the collar, the stay further including a bridge structure connecting the upper ends of and forming a compressively yieldable connection between the pins, said bridge structure including downwardly extended and upwardly extended portions forming a tab adapted to lie flat against the neck band of the collar and between the neck band and outer band thereof, the construction of the tab being such as yieldably to resist relative displacement of the two pins from a normal relation, both in directions lengthwise of the collar and in directions depthwise thereof, and acting, when the first said anchoring pin is placed in the front seam of the collar, to keep the outer fold of the collar tensioned fully up to the front seam.

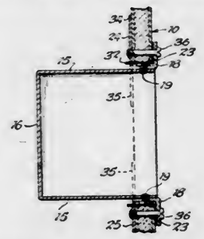
2,439,089
CONTROL OF ROTATING WING AIRCRAFT
Charles Francis Hodson, Burnham, England, assignor to The Fairey Aviation Company, Limited, Hayes, Middlesex, England
Application March 8, 1946, Serial No. 653,113
In Great Britain May 22, 1944
1 Claim. (Cl. 244—17)



Controlling means for the pitch changing mechanism of a rotating wing aircraft wherein the rotor blades are connected by supporting links with a bar which is mounted for vertical movement and also for universal movement about a point, vertical movement of said bar being arranged to bring about variation of the pitch of the rotor blades collectively and movement of said bar about said point being arranged to bring about cyclic pitch control of the rotor blades, wherein the bar is universally jointed to a vertically movable rod and is also connected, by arms extending integrally therefrom in planes substantially at right angles to one another, with two further vertically movable rods, the first movable rod being operatively connected with the inching valve of an hydraulic jack for varying the pitch of the rotor blades collectively and each of the two other vertically movable rods being connected with an appropriate inching valve of an hydraulic jack for effecting cyclic pitch control of the rotor blades.

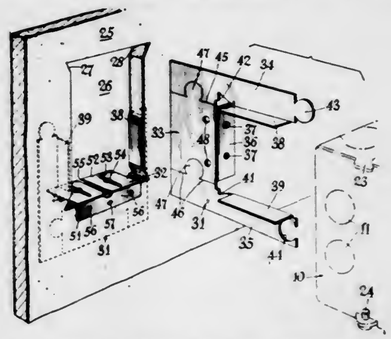
2,439,090
ELECTRICAL OUTLET BOX
Harry C. Keating, Buffalo, N. Y.
Application April 10, 1945, Serial No. 587,452
2 Claims. (Cl. 220—3.6)

1. In an outlet box assembly including an outlet box having a substantially rectangular outline and an open front and adapted to receive a cover plate overlying said open front, said box being adapted to be let into a recess formed in a wall with said open front disposed substantially flush with said wall, a front template formed with an opening and a marginal portion adapted to abut the outer face of the wall within the confines of said cover plate, said template being formed around said opening with inwardly extended flanges, the flanges on at least two sides of said opening terminating short of the corners of the opening, whereby said opening may be brought



into close proximity to the walls of the box despite projections therefrom adjacent said corners, a pair of back templates adapted to be inserted through said recess and positioned in parallelism with the front template, said back templates being adapted to abut the inner surface of said wall and to lie in close proximity to the margin of said recess and the walls of said box, said back templates so engaging at least two sides of said recess, screws extending between the front template and both of said back templates, and additional screws for securing said box to the front template.

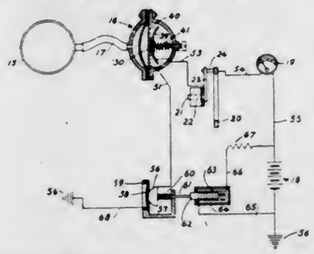
2,439,091
ELECTRICAL OUTLET BOX MOUNTING
Harry C. Keating, Buffalo, N. Y.
Application December 18, 1946, Serial No. 716,903
7 Claims. (Cl. 248—27)



2. A mounting member for an electrical outlet box comprising a back plate having a web and parallel side legs extending from said web, a rearwardly extending apertured flange formed on said web between the legs, forwardly extending flanges formed on said side legs, said rearwardly and said forwardly extending flanges being at substantially right angles to each other and to said web and legs, a clamping plate comprising a pair of right angled flanges one of which is adapted to rest on said rearwardly extending flange, complementary means on said last named flanges for adjustably interconnect-

ing and securing the same in an in-and-out direction, aligned openings on the web and other flange of the clamping plate adapted to receive box supporting screws, and notches formed at the corners between said web and side legs whereby said member may be so proportioned as to embrace closely an outlet box and said side leg forwardly extending flanges may simultaneously closely embrace a wall aperture for said box.

2,439,092
APPARATUS FOR INDICATING PRESSURE AT A DISTANCE
Floyd T. Linstrom, Denver, Colo., assignor of one-third to Gerald B. Waldron and one-third to Charles H. Callison, both of Denver, Colo.
Application September 26, 1946, Serial No. 699,541
3 Claims. (Cl. 201—48)



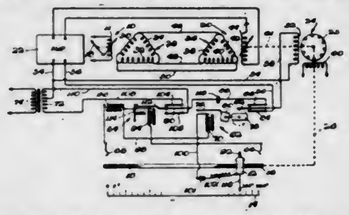
1. A pressure responsive variable resistance device, comprising a cup-like housing, a flexible diaphragm closing the open end thereof, means comprising a spring for urging the diaphragm towards the closed end of the housing, one side of the diaphragm having a resistance wire wound spirally thereon, an electric conductor connected with the outer end of the spiral, a slightly convex spherical conductor electrically connected with the innermost end of the spiral, means comprising a spring for urging the spherical contact against the resistor element whereby when the diaphragm is flexed in response to a fluid pressure, the length of resistance wire between the two contact points will be a measure of the pressure.

2,439,093
THERMOPLASTIC COMPOSITIONS CONTAINING CELLULOSE ACETATE BUTYRATE
Lester W. A. Meyer, Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application January 9, 1946, Serial No. 640,147
10 Claims. (Cl. 106—173)

2. A composition of matter essentially consisting of 100 parts of a lower fatty acid ester of cellulose having a content of saturated fatty acid groups of 3–4 carbon atoms of at least 30% and 5–200 parts of a plasticzer at least 40% of which is from the group consisting of the alkyl abietates and the hydrogenated alkyl abietates.

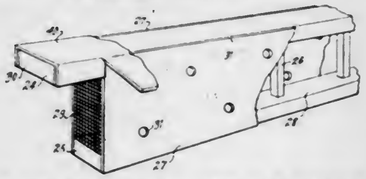
2,439,094
LINEAR FOLLOW-UP SYSTEM
George S. Miles, New York, N. Y., assignor to Bendix Aviation Corporation, Teterboro, N. J., a corporation of Delaware
Application August 7, 1945, Serial No. 609,379
6 Claims. (Cl. 177—351)

1. A linear follow-up system comprising a rotatable element movable through one or more revolutions, means for deriving a signal proportional to the spatial position of said element, means for amplifying said signal, an indicating member constrained for linear movement, a linear scale for said member, a two-phase induction motor having a field winding normally energized by said amplified signal, means connecting said motor and linearly movable member to position the latter in accordance with the spatial



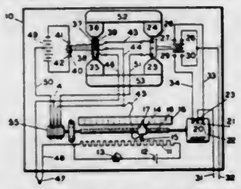
position of said rotatable element, and circuit connections for said motor controlled by the linearly movable member as it reaches the end of said scale for controlling said field winding to reverse the operation of said motor to cause said member to move in an opposite direction the full length of said scale where the motion is again reversed to permit said member to be moved into spatial agreement with said rotatable element.

2,439,095
ROOF
Bert J. Mitchell, Dallas, Tex.
Application August 3, 1946, Serial No. 688,308
9 Claims. (Cl. 108—1)



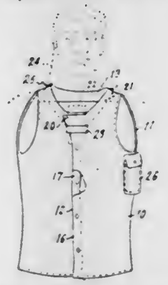
3. A box beam for the ridge of a building including, an upper stringer, a lower stringer spaced below the upper stringer, upright side plates connecting the stringers, and a member connecting the stringers spaced from the plates, there being a longitudinal air duct between the stringers open at the ends of the beam, said side plates having openings exposed in said air passage.

2,439,096
ELECTRIC MOTOR CONTROL SYSTEM
John Robert Pattee, Waterbury, Conn., assignor to The Bristol Company, Waterbury, Conn., a corporation of Connecticut
Application September 29, 1943, Serial No. 504,219
9 Claims. (Cl. 318—28)



1. In a self-balancing control system, the combination of a motor for effecting a condition of balance in said system, means for producing an electrical effect representative of a condition of unbalance, a circuit-controlling instrument responsive to said electrical effect, a relay subject to said instrument and adapted to affect the performance of said motor, means subject to said instrument when responding to said electrical effect and adapted to intensify the response of the same, and a velocity-responsive device operable at a speed representative of that of said motor and adapted at a predetermined velocity to remove both said relay and said intensifying means from the control of said instrument.

2,439,097
UNDERGARMENT
Irving Pierce, Dallas, Tex.
Application June 27, 1946, Serial No. 679,669
5 Claims. (Cl. 2—113)



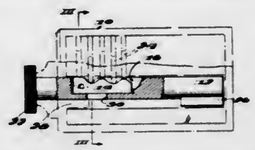
1. An acoustical-appliance undergarment including, an undershirt having an overlapping open front, overlapping laterally-extending flaps at the top of the open front of the shirt, fastening means for each of said flaps, and means for supporting an acoustical appliance at the flaps, the underlying flap extending above the overlying flap for receiving an acoustical-appliance support therebetween.

2,439,098
ALKOXY PYRAZOLONE COUPLERS
Henry D. Porter and Arnold Weissberger, Rochester, N. Y., and Walter A. Gregory, Oak Ridge, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Original application December 22, 1944, Serial No. 569,428. Divided and this application June 15, 1945, Serial No. 599,742
5 Claims. (Cl. 260—310)

1. The method of producing a 3-alkoxy-5-pyrazolone, which comprises heating a monosubstituted hydrazine in which the substituent is selected from the class consisting of hydrogen, alkyl, aryl, benzothiazolyl, benzoxazolyl and thiocarbamyl groups, and an ethyl β,β-dialkoxyacrylate in which the alkoxy is a lower alkoxy group on a steam bath until reaction is complete adding sodium ethylate and heating for a further period, precipitating the resulting product from solution and removing it from the solution.

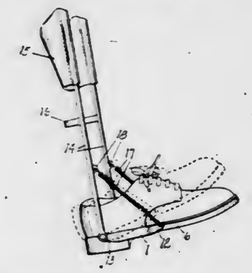
2,439,099
GUARD DEVICE FOR LOCK MECHANISM
Nicholas J. Ressetar, Oneida. N. Y.
Application November 16, 1945. Serial No. 629,101
4 Claims. (Cl. 70—364)

1. In combination with a tumbler lock having a keyway formed therein, a cylindrical bolt magazine slidable and rotatable in the keyway of the lock, said magazine being provided with a stop formation arranged adjacent its inner end to engage a portion of the lock and prevent removal of the magazine from said keyway, and said mag-



azine being longitudinally slotted intermediate its outer end and said stop formation to receive and retain the cam portion of a key for said lock in a position to cooperate with a locking mechanism of said lock when the magazine is home.

2,439,100
ORTHOPEDIC DEVICE
Arthur R. Richards, Kalamazoo, Mich.
Application December 23, 1946, Serial No. 718,046
1 Claim. (Cl. 128—80)

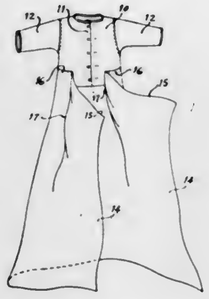


Clamp structure for attaching an orthopedic device to the shoe of the wearer comprising, a first plate having a hook flange on one edge thereof and having an ear struck downwardly from the body of said plate, longitudinally spaced headed studs on said first plate positioned on opposite sides of said ear, a second plate having an upwardly turned hooked flange on one edge thereof and having an ear struck downwardly from the body of said plate, said second plate defining a transverse slot arranged to receive said ear on said first plate and further defining parallel guide slots slidably receiving the shanks of the studs on said first plate, a screw member rotatably engageable with said ears to draw said hook flanges on said plates into clamping engagement with the edges of the sole of the shoe of the wearer, and brace attaching portions extending forwardly and rearwardly from the edges of said plates and generally in the plane of said plate whereby said attaching portions lie along the plane of the sole of the shoe of the wearer.

2,439,101
SAFETY GOWN
Elizabeth H. H. Rogers, Toronto, Ontario, Canada
Application June 1, 1946, Serial No. 673,798
In Canada March 29, 1946
1 Claim. (Cl. 2—114)

A safety gown comprising a body portion designed to cover the upper portion of the wearer,

an apron portion on said gown forming a continuation of the front portion of the body and extending laterally outward on each side thereof, the upper laterally extended portions of said apron being partially folded around the back portion of the body and sewn thereto in effect to form, in the apron portion between the front and back portions of the body, a large pleat on



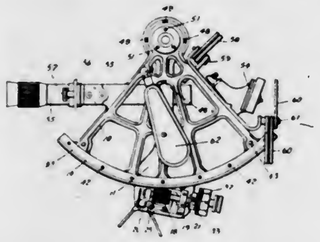
each side, said laterally extending portions of the apron being designed to be secured adjacent to the edges of the mattress of a bed, carriage and the like to retain the wearer within a predetermined area of the latter, said pleated portions of the apron permitting free movement of the lower limbs of the body and partial turning of the body onto one side or the other.

2,439,102

INDICATOR ADJUSTMENT FOR SEXTANTS

Charles O. Rothweiler, Milwaukee, Wis.

Application June 12, 1944, Serial No. 539,843
3 Claims. (Cl. 116—124)



3. A device of the character described mounted for engagement with the periphery of a worm gear, said device comprising a shaft provided with a worm for engagement with the periphery of said worm gear, bearings supporting said shaft, said bearings mounted on a plate, said plate mounted adjacent to said mounting and pivotally supported at one of its ends by said mounting, thereby permitting engagement or disengagement of said worm with said worm gear, one of said bearings provided with outwardly extending sleeve, a micrometer drum attached to one end of said shaft, an adjustably mounted yoke attached to the outwardly extending end of said sleeve at a point between said drum and bearing, said micrometer drum provided with graduations on its outer periphery, said adjustable yoke provided with an indicating point for registering with the graduations on said yoke.

2,439,103

CELLULOSE ESTER MELT-COATING COMPOSITION

Martin Salo and Harold F. Vivian, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

No Drawing. Application March 8, 1946, Serial No. 653,171
9 Claims. (Cl. 106—181)

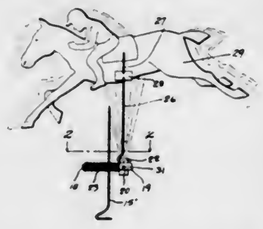
1. A cellulose web having on at least one of its surfaces a melt coating essentially consisting of a cellulose acetate butyrate having a butyryl content of at least 40%, a melting point of less than 200° C., a char point of at least 260° C., a cuprammonium viscosity of not more than 10 centipoises, and an acetone viscosity of 5–200 centipoises and 15–50% of di-2-ethyl hexyl sebacate.

2,439,104

AMUSEMENT DEVICE

Henry K. Sandell, Chicago, Ill., assignor to Clarence E. Threedy, Chicago, Ill., as trustee

Application January 25, 1945, Serial No. 574,486
3 Claims. (Cl. 46—122)



1. A device for animating an object during travel thereof comprising a movable supporting arm, a staff, a resilient structure providing connection between the staff and the arm whereby to permit vibration to be transmitted from the arm to the staff, an object to be animated carried by said staff, said structure comprising a bracket carried by the arm, a balance block carried by the bracket and supporting the staff, and a balance spring having one end portion connected to the bracket and its opposite end portion connected to the balance block.

2,439,105

RECOIL ABSORBER

Roy S. Sanford and Alexander Kurti, Woodbury, Conn., assignors to The Autoyre Company, Incorporated, Oakville, Conn., a corporation of Connecticut

Application January 11, 1945, Serial No. 572,266
7 Claims. (Cl. 89—44)



5. A device for absorbing recoil adapted to be interposed between a recoiling body and its fixed support comprising an elongated base portion including upturned flanges along two opposed edges of said base portion and substantially co-

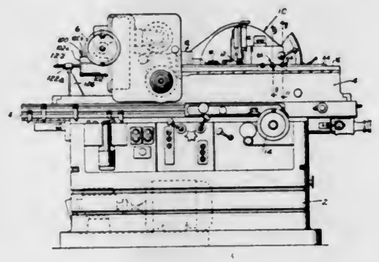
extensive with the major axis of said base portion and a neck positioned substantially at the minor axis of said base portion, oppositely extending resilient arms attached to said neck and substantially parallel to said edges and deformed upwardly at a point substantially in alignment with the associated ends of said flanges, each arm being provided at its upper extremity with a transverse member deformed at its ends to form links substantially in alignment with the planes of said flanges and continuing downwardly to overlap said flanges, the said links being freely movable with respect to said flanges upon distortion of said resilient arms, each said link having an aperture formed therein and adjacent the upper end thereof and another aperture formed therein adjacent the lower end thereof, each said flange having an aperture formed in each end thereof, the lower apertures of said links being in register with the associated apertures in said flanges, all said apertures being adapted to receive means for engaging the device with the body and the support.

2,439,106

GRINDING MACHINE FOR OPERATING UPON WORKPIECES

Harold N. Seyferth, East Detroit, Mich., assignor to Ex-Cell-O Corporation, Detroit, Mich., a corporation of Michigan

Application October 2, 1943, Serial No. 504,689
6 Claims. (Cl. 51—95)



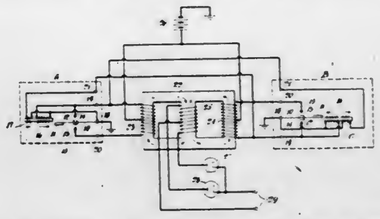
5. In means for rotatively cutting parallel circumferential convolutions on the periphery of a thread milling hob having spiral tooth face gashes, rotary convolution cutting means, means for supporting and rotating the hob, means automatically and cyclically operable in timed relation to the rotation of said hob supporting and rotating means to effect relative movement between said cutting means and said hob supporting and rotating means transversely of the hob axis so as to alter the distance of lateral separation of the hob and the convolution cutting means in a succession of tooth relieving movements during a convolution cutting period, manually actuated means for axially moving the hob supporting and rotating means relative to the cutting means in a succession of step by step indexing movements intermediate successive convolution cutting periods, and slide cam and cam follower means adjustable in accordance with the helix angle of said spiral gashes and automatically operable in response and in timed relation to said axial movements of the hob supporting and rotating means relative to the cutting means to alter the angular relation between the rotative relation of the hob supporting and rotating means and the means for effecting said cyclical relieving movements.

2,439,107

VIBRATOR CIRCUIT

Ira M. Slater, Indianapolis, Ind., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware

Application September 1, 1944, Serial No. 552,228
5 Claims. (Cl. 175—373)



1. A vibrator system comprising, in combination, a pair of vibratory interrupters having substantially the same operating frequencies, each of said interrupters including a vibratory reed, a driver coil, and a synchronizing coil, a driver circuit for said interrupters including a source of current and said driver coils thereby to effect vibratory motion of said reeds, and a synchronizer circuit including leads connecting the synchronizing coil of each interrupter in parallel with the driver coil of the other thereby maintaining said reeds in exact synchronism.

2,439,108

COATING WITH POLYVINYL ALCOHOL

Henry C. Staehle, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

No Drawing. Application September 11, 1943, Serial No. 502,044
6 Claims. (Cl. 117—62)

2. A method of applying coatings which comprises dissolving in an aqueous solution of a polyvinyl compound selected from the group consisting of the partially hydrolyzed polyvinyl esters, the major portion of which is polyvinyl alcohol, and polyvinyl alcohol, approximately 1–6%, based on the weight of the polyvinyl compound, of a water-soluble boron compound selected from the group consisting of the alkali metal borates and boric acid, coating out the composition thus formed at a pH of not more than 6 in a layer having a thickness of less than .005 inch, fuming the coating with a nitrogen base selected from the group consisting of ammonia, methylamine and ethylamine gas, and drying the coating thus obtained.

2,439,109

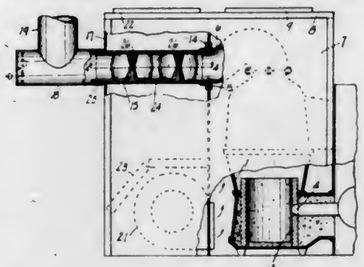
AIR-HEATING FURNACE WITH SELECTIVELY CONTROLLED RADIATOR STRUCTURE

Claude S. Stout, Marshall, Mich., assignor to Marshall Furnace Co., Marshall, Mich., a corporation of Michigan

Application November 18, 1944, Serial No. 564,093
8 Claims. (Cl. 126—99)

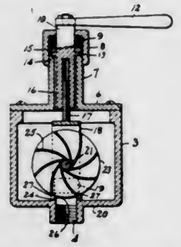
6. The combination with a combustion unit provided with a discharge for the products of combustion, of a radiator unit comprising a straight main conduit connected at one end to the discharge of said combustion unit and adapted for connection at the other end to a smoke flue, said main conduit having a plurality of U-shaped auxiliary conduits having both the inlet and discharge openings thereof connected to the sides of the main conduit between the inlet and discharge openings thereof, and baffles so dis-

posed that a baffle is located in the main conduit between said inlet and discharge openings of each auxiliary conduit to direct products of combustion therethrough, said baffles being adjust-



able relative to said last named inlet and discharge openings to permit passage of products of combustion through that portion of the main conduit disposed between the inlet and discharge openings of each auxiliary conduit.

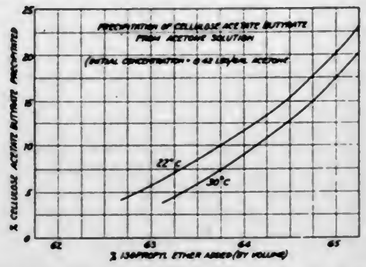
2,439,110
VALVE
George N. Strike, Los Angeles, Calif.
Application September 14, 1944, Serial No. 553,982
4 Claims. (Cl. 251—27)



3. In a valve, a housing having an outlet and an inlet, a valve seat defining the inlet within said housing, a closure member having vanes and mounted to turn by fluid flowing past the valve seat and said vanes into said housing, a yoke within said housing and rotatably supporting the closure member opposite said valve seat, a rotatably operable means for controlling the movement of said yoke and closure member to valve seating and unseating positions, a threaded connection between the yoke and said operable means, and a guide for said yoke to prevent rotation thereof during the operation of said operable means.

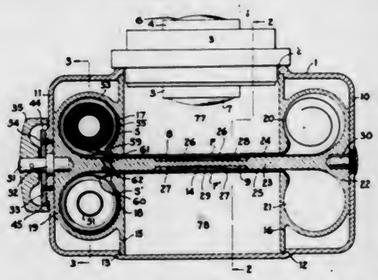
2,439,111
FRACTIONAL PRECIPITATION OF CELLULOSE BUTYRATES
John W. Tamblyn and Donald R. Morey, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application September 19, 1945, Serial No. 617,248
4 Claims. (Cl. 260—230)

1. A method of removing the lower molecular weight components of a cellulose ester which comprises dissolving a butyric acid ester of cellulose having a butyryl content of at least 16% in an organic solvent and then mixing therewith an amount of an ether having alkyls of 2–6 carbon atoms to precipitate less than 15% of the cellulose ester from the solution whereby lower



molecular weight components of the cellulose ester are precipitated.

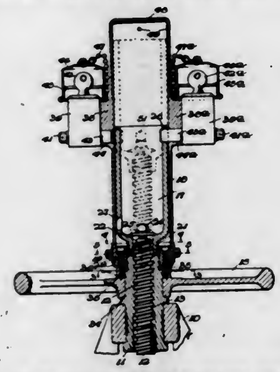
2,439,112
TWO-FILM CAMERA
Walter D. Teague, New York, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application December 30, 1944, Serial No. 570,545
4 Claims. (Cl. 95—31)



1. A roll holding camera including, in combination, a camera body, a lens and shutter carried by the camera body, a roll holder oscillatably mounted in the camera body on an axis at right angles to the lens axis, said roll holder including a pair of exposure frames mounted back to back and equally spaced from the axis of said roll holder, film chambers at each end of each exposure frame, and means on the outside of the camera body and operably engaging the roll holder for moving the latter in the former to present either exposure frame behind the objective and shutter, said roll holder including two adjacent film spool chambers positioned back to back and each adapted to receive a film spool having a winding key opening at one end and a bearing at the other end two winding shafts for engaging the winding key openings carried by the roll holder and extending in opposite directions.

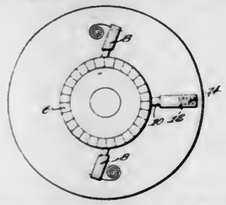
2,439,113
VALVE CONTROLLING MECHANISM
George B. Thieme, Jamaica, N. Y., assignor to Bendix Aviation Corporation, Brooklyn, N. Y., a corporation of Delaware
Application July 15, 1944, Serial No. 545,127
8 Claims. (Cl. 70—176)

1. In a valve mechanism having an actuating member mounted for movement from a valve-closing position to a valve-opening position, an operating member mounted for helical movement relatively to said actuating member; and locking means, carried by one of said members and coacting with the other of said members and operable to exert helically directed forces thereupon and lock said actuating member in at least one of said positions, said actuating member and said operating member comprising an inner sleeve and an



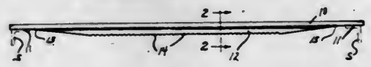
outer sleeve disposed in telescoping relationship, said sleeves being telescoped for a distance at least as great as the range of travel of said actuating member between valve-opening and valve-closing positions, and said locking means being carried by said outer sleeve.

2,439,114
ELECTRICAL APPARATUS COLLECTOR CONDITIONING
Fred P. Vacha, Atlantic, Mass., assignor, by mesne assignments, to First Industrial Corporation, Wilmington, Del., a corporation of Delaware
Application September 16, 1943, Serial No. 502,590
2 Claims. (Cl. 171—325)



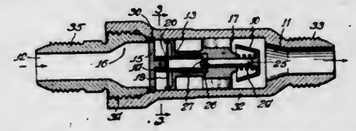
1. The combination with a collector and current-carrying brushes therefor, of a solid conditioning member comprising a hard rubber compound containing free sulphur and a non-abrasive inert filler.

2,439,115
SUPPORT FOR DRYING PASTE PRODUCTS
Salvatore Viviano, Richmond Heights, Mo.
Application September 2, 1944, Serial No. 552,552
3 Claims. (Cl. 34—240)



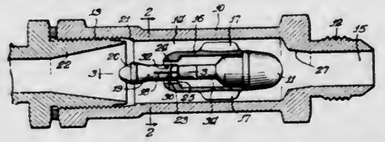
1. A stick for the drying support of lengths of alimentary paste products and the like, consisting of a primary, partly cylindrical portion, a rib normally below the cylindrical portion and supporting seats near the ends of the stick, so formed as to tend to keep the cylindrical portion uppermost when the stick is loaded for drying, the rib being provided with a longitudinal slot upwardly and depthwise of the rib, and a flat reinforcing strip of non-rusting characteristics occupying the slot, and disposed edgewise to the direction of loading of the stick, and pin elements extended transversely through the rib and strip for assembly thereof.

2,439,116
AUTOMATIC CUTOFF
William Waterman, Chicago, Ill.
Application January 2, 1942, Serial No. 425,427
20 Claims. (Cl. 137—152)



7. A cut-off device for automatically closing a fluid line comprising in combination a valve means rotatable by the flow of fluid in said line for closing said valve, a device for holding said means against operation under the maximum normal fluid flow, and releasable means associated with said device responsive to flow in excess of maximum normal flow to permit rotation of said means to close said valve.

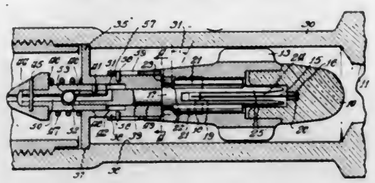
2,439,117
AUTOMATIC CUTOFF
William Waterman, Chicago, Ill.
Application April 11, 1942, Serial No. 438,565
10 Claims. (Cl. 137—152)



1. A cut off device for automatically closing a fluid line upon predetermined excess flow of fluid therein comprising in combination a valve, a housing therefor adapted to be placed in a fluid line, said valve having flutes projecting therefrom and inclined relative to the direction of fluid flow to develop valve rotating forces under the action of flowing fluid, said valve being rotatable under normal fluid flow but being provided with positive means for holding the valve open and releasable upon a predetermined rotation of the valve to permit the latter to close, and a device for preventing such predetermined rotation under forces exerted by normal fluid flow but permitting such predetermined rotation under excess rotational forces.

9. A fluid operated latch for controlling movement of an element in response to the rate of flow of fluid in a line comprising a shoulder fixed relatively to the direction of fluid flow and a shoulder carried by the element and normally engaged with the first shoulder to hold the element positively against movement in the direction of fluid flow and disengageable from the first shoulder to release the element upon the element rotating through a predetermined angle, means causing the element to rotate in response to fluid flow in excess of a predetermined rate, and means adapted to become progressively stressed by rotation of the element.

2,439,118
AUTOMATIC CUTOFF DEVICE
William Waterman, Chicago, Ill.
Application July 31, 1942, Serial No. 452,991
12 Claims. (Cl. 137—152)



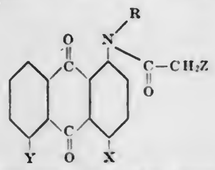
8. An automatic cut-off device comprising in combination a valve housing forming a passage for fluid, a normally open valve in said passage and movable by the fluid in the direction of the fluid flow to close said passage, said valve provided with surfaces presented to the fluid against which the latter acts to create valve closing forces, means for holding the valve open against the action of the fluid and operated by said force upon a predetermined rate of fluid flow to release said valve, and a device for delaying the operation of said means.

2,439,119
PRODUCTION OF MASHED POTATO POWDER
Arthur Kenneth Willetts and Theodore Rendle, Histon, England, assignors, by mesne assignments, to M. P. P. (Products) Limited, Norwich, England
No Drawing. Application November 15, 1945, Serial No. 628,960. In Great Britain December 1, 1944
12 Claims. (Cl. 99—207)

1. A method of manufacturing cooked and mashed potatoes in powdered and readily reconstitutable form in which cooked and mashed potato is frozen and caused to thaw, moisture is removed from the thawed material by mechanical means and the powder is thereafter converted by drying into a powder suitable for keeping and for ready reconstitution into mashed potato.

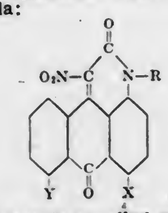
2,439,120
1-NITRO-3-ALKYLANTHRAPYRIDONE COMPOUNDS AND PROCESS FOR THEIR PREPARATION
Charles V. Wilson, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application October 26, 1946, Serial No. 706,069
11 Claims. (Cl. 260—297)

1. A process for the manufacture of new anthrapyridone compounds which comprises reacting an anthraquinone compound having the general formula:



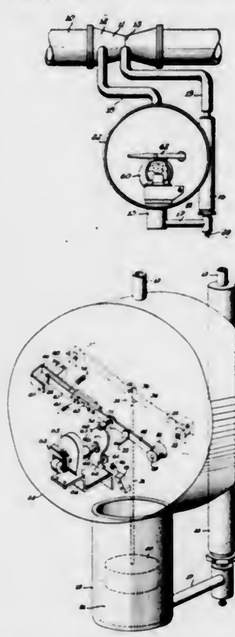
wherein R represents an alkyl group having one to two carbon atoms, X and Y each represents a member selected from the group consisting of a hydrogen atom, a halogen atom and a hydroxy group and Z represents a member selected from the group consisting of a bromine atom, a chlorine atom and an iodine atom with an alkali metal nitrite in the presence of a liquid diluent which exerts a solvent action on the anthraquinone compound and is inert with respect to the reaction mixture and recovering the anthrapyridone compound formed.

6. The anthrapyridone compounds having the general formula:



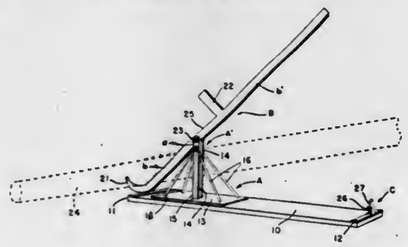
wherein R represents an alkyl group having one to two carbon atoms and X and Y each represents a member selected from the group consisting of a hydrogen atom, a halogen atom and a hydroxy group.

2,439,121
RATE OF FLOW TELEMETERING ACTUATOR
Samuel L. Adelson, Chicago, Ill., assignor to Infilco Incorporated, Chicago, Ill., a corporation of Delaware
Application November 26, 1945, Serial No. 630,896
10 Claims. (Cl. 318—445)



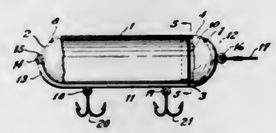
1. Apparatus of the type described comprising a manometer, a magnet positioned by level of a manometric liquid in said manometer, a movable normally open magnet operated switch outside of said manometer, means to cyclically move said magnet operated switch along a path parallel to the potential path of travel of said first magnet, and a switch device operative to close a starting circuit at a predetermined position of said magnet operated switch.

2,439,122
POLE GIN
James A. Baker, Rushford, Minn., assignor of one-half to Earl Kjos, Lanesboro, Minn.
Application October 30, 1946, Serial No. 706,603
5 Claims. (Cl. 214—1)



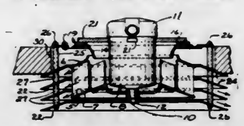
1. A device for lifting one end of a pole from the ground, holding the same elevated and lowering it to the ground, said device comprising a platform, a standard thereon, a lever including a forward work-engaging portion and a rearward handle portion for tilting the lever, said work-engaging portion of said lever having an upstanding pole-abutment at the rear thereof, pivot means fulcruming the lever on said standard at a point intermediately of the work-engaging portion of said lever between its forward tip and said pole-abutment thereon, said work-engaging portion of the lever having an upper surface adapted to support a pole, upon the tilting of the lever, for movement along the lever back and forth above the top of the standard from said tip of said work-engaging portion to position against said pole-abutment rearwardly of the fulcrum of said lever.

2,439,123
FISH LURE
Fannie M. Bell, Bellevue, Ohio
Application October 9, 1946, Serial No. 702,302
3 Claims. (Cl. 43—41)



3. A fish lure comprising a transparent tubular hollow body closed at one end and open at its opposite end, a removable closure member for said open end formed with a seat in its outer end, a removable screen between said lure body and closure member, said body and closure member being formed with vents, removable plugs for closing said vents, a resilient U-shaped clip pivotally attached to the closed end of said lure body adapted to extend parallel with the lure body and to snap over said closure member when disposed upon the lure body seating in the seat formed therein, eyes formed on said clip, fish hooks suspended from said eyes, and a supporting eye on the end of said clip remote from its pivoted end for supporting a fish line.

2,439,124
CENTRIFUGAL FAN
Carl O. Bergstrom, Boston, Mass., assignor, by mesne assignments, to Westinghouse Electric Corporation, a corporation of Pennsylvania
Application September 26, 1944, Serial No. 555,780
1 Claim. (Cl. 230—259)



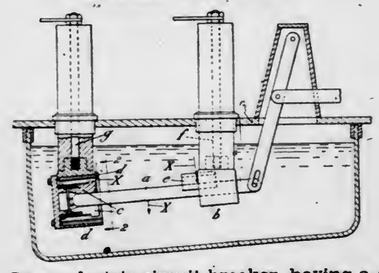
A pressure ventilating fan comprising a motor having a shaft extending vertically downward, a fan wheel on the lower end of said shaft, and a plurality of spaced deflectors formed as frustrums of cones having axes coinciding with the axis of said shaft, supported around said wheel, said wheel having a side plate terminating adjacent the upper end of the uppermost of said deflectors and extending parallel thereto, said wheel having a back plate terminating adjacent the upper end of the lowermost of said deflectors and extending parallel thereto, said back plate being imperforate whereby all of the air from said wheel is directed between said deflectors.

2,439,125
ICE-CREAM SCOOP
George Noel Bolinger, Shelbyville, Ill.
Application May 19, 1944, Serial No. 536,357
12 Claims. (Cl. 107—48)



1. A material scooping device comprising a handle, a stationary scoop carried by one end of said handle and having an open top of circular form, a cutting device extending at least partially around the open top of said scoop concentric therewith and supported solely by the edge portion of such open top for oscillating movement about its axis, and power means for oscillating said cutting device.

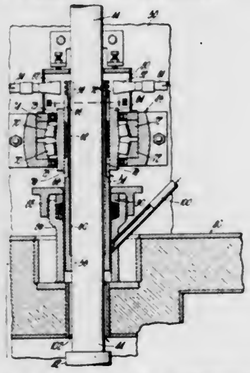
2,439,126
ELECTRIC CIRCUIT BREAKER
Ronald Norton Buttrey, Openshaw, Manchester, England, assignor to Cooke & Ferguson Limited, Openshaw, Manchester, England, a British company
Application July 12, 1945, Serial No. 604,556
In Great Britain July 15, 1944
5 Claims. (Cl. 200—87)



1. In an electric circuit breaker, having a sliding contact rod and contacts coacting therewith,

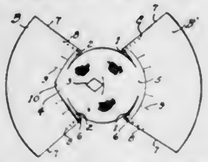
the incorporation of a magnetic screen made of magnetic material in at least one of the contacts for magnetically screening the part of the contact rod coacting therewith.

2,439,127
SHAFT AND BEARING COOLING MEANS
William H. Dailey, Jr., Library, and Edward A. Di Nucci, Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corporation, a corporation of New Jersey
Application February 25, 1946, Serial No. 650,082
3 Claims. (Cl. 230—209)



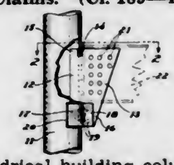
1. In a furnace having a fan therein supported on a shaft a portion of which is subjected to intense furnace heat, a bearing for said shaft and means for cooling it and an adjacent portion of the shaft comprising a sleeve secured to the shaft having respective annular portions firmly contacting the shaft and separated by an inner chambered portion clearing the shaft, an antifriction bearing-race-bushing surrounding a portion of said sleeve and firmly contacting it at spaced portions and clearing it therebetween, the sleeve having a plurality of longitudinal grooves formed on its exterior and extending beyond the ends of said bushing, a casing surrounding one end of said sleeve forming an air chamber, and means effective to deliver cooling air under pressure to said chamber and force it through the grooves in said sleeve.

2,439,128
COMBINATION OUTER GARMENT
Gertrude de Oliensis, St. Louis, Mo.
Application October 15, 1945, Serial No. 622,239
3 Claims. (Cl. 2—74)



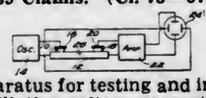
1. A garment of the kind described adapted to be spread substantially flat in a single plane, and formed of a sheet of material comprising a central section with a head-opening therethrough, and oppositely disposed skirt-forming sections attached to diametrically opposite sides of said central section and having divergent side edges, said central section adjacent said divergent side edges of each skirt-forming section slotted to provide a pair of openings extending inwardly toward each other into the body portion from said side edges, the combined assembled intermediate portions of the garment between the pairs of openings providing substantially the waist-line portion of the garment, and the portions below the slotted portions providing overlapping skirt-forming sections when worn, and means for securing the side edges of each skirt-forming section together so as to provide a pair of encompassing skirt members each meeting along substantially the full length of said side edges, whereby a double thickness skirt is provided for substantially the full distance below the waist of the wearer.

2,439,129
BUILDING COLUMN
John Stanley Donahue, Brookline, Mass., and George E. Strehan, Leonia, N. J.; said Strehan assignor to said Donahue
Application April 18, 1945, Serial No. 588,954
4 Claims. (Cl. 189—42)



1. In a cylindrical building column, a bracket comprising a beam-supporting plate, and a pair of compression plates each having a curved arm fitting the exterior of the column and welded thereto, said compression plates having laterally projecting flanges disposed on opposite sides of said beam-supporting plate and fastened thereto, the column having a metal casing provided with a vertical slot, and the beam-supporting plate having a web inserted into the column through said slot and welded therein.

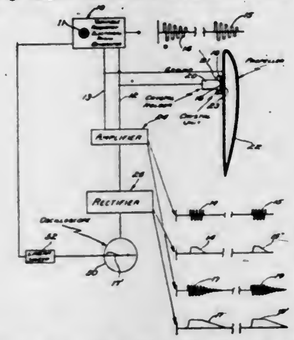
2,439,130
SURFACE AND SHEAR WAVE METHOD AND APPARATUS
Floyd A. Firestone, Ann Arbor, Mich., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application November 20, 1943, Serial No. 511,089
39 Claims. (Cl. 73—67)



30. In apparatus for testing and inspecting material, an oscillating voltage generator, means energized by said generator for producing surface waves in said material, means responsive to said surface waves for generating a second oscillating voltage, means for relatively moving said surface wave producing means and said surface wave responsive means by measured amounts, and means for indicating confluences of phase between said second oscillating voltage and the voltage energizing said surface wave producing means.

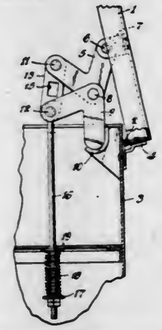
2,439,131
RESONANCE INSPECTION METHOD
Floyd A. Firestone, Ann Arbor, Mich., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application November 20, 1943, Serial No. 511,090
21 Claims. (Cl. 73—67)

19. In a method of inspecting a bounded portion of a material the steps of; placing a transducer in effective mechanical contact with a surface of said bounded portion, electrically energizing said transducer with successive voltage trains to transmit vibration waves into said bounded portion, said voltage trains having individual time durations exceeding the time of round trip flight of said vibration waves through



said bounded portion, varying the frequency of the waves in successive voltage trains, and observing in the periods during or following the diminution of amplitude of said energizing voltage trains changes in the vibration of said bounded portion resulting from said frequency variations.

2,439,132
SAFETY MEANS FOR RECEPTACLES
Raymond Francis Hatala and Arthur Kimber, Streator, Ill., assignors to Anthony Company, Streator, Ill., a corporation of Illinois
Application June 21, 1944, Serial No. 541,452
7 Claims. (Cl. 220—89)



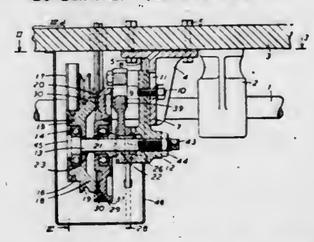
1. In combination, a base member, a closure mounted thereon for relative movement therewith, and means for controlling said movement comprising two members, one of said members hinged to said closure, the said members being hinged together, an abutment fixed on said base member, one of said members being adapted to rest upon said abutment, and a heat responsive link positioned between and engaging each of said members, and when in position holding them against relative movement, the two members and said link, when so assembled, comprising an assembly effective to hold the closure against movement, the said members being freed for relative hinge movement upon the destruction of said heat resposive link, and means biased to move one of said members and thereby to tilt the other and to close the closure.

2,439,133
COMBINED TABLE AND ELECTRICALLY HEATED HOT PLATES
Francis John Jenkins, Hurlstone Park, New South Wales, Australia
Application July 31, 1944, Serial No. 547,399½
In Australia November 11, 1943
3 Claims. (Cl. 219—19)



1. Improvements in means for keeping food hot after being served and during consumption of the meal, comprising a table top having openings to receive a plurality of heating units one for each diner, a medially disposed cooking unit also received in an opening in the said table top, pairs of longitudinal bars and pairs of cross bars all secured to the underside of the said table top, said pairs of cross bars having a pair of channel members secured thereto, said channel members carrying the said heating units each of which comprises a hot plate, a clamping plate between which mica sheets and a resistance wire and a sheet of asbestos are secured, the said cooking unit being mounted upon the said longitudinal bars.

2,439,134
CLUTCH AND BRAKE MECHANISM
George Edmund Jones, London, England
Application October 5, 1945, Serial No. 620,573
In Great Britain August 29, 1945
10 Claims. (Cl. 192—17)

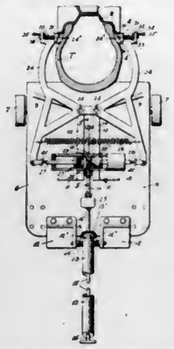


1. A drive transmission unit for the purposes set forth, comprising a driving clutch member rotatably mounted on a spindle and including a pulley whereby such clutch member is driven from a main or line shaft, a sleeve axially movable upon the spindle, a driven clutch member rotatably mounted on the sleeve and spaced from the driving clutch member, an operating lever fast upon such sleeve, a member fixed with respect to said spindle, and cam means between such sleeve and fixed member whereby rotational movement of the sleeve imparted by the operating lever imparts axial movement to the sleeve to bring the clutch members into driving engagement.

2,439,135
MOVABLE BASE MOUNTED AXIALLY COLLAPSING TYPE TIRE REMOVING DEVICE
Theodore M. Johnson, Burbank, and Edgar G. Reed, Los Angeles, Calif.
Application January 25, 1945, Serial No. 574,450
3 Claims. (Cl. 157—6)

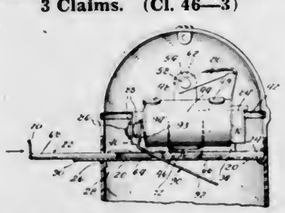
1. A tire removing tool including a carrier therefor, two arms movable toward and from

each other to embrace and compress the opposite sides of a tire while on an upstanding wheel, power means operable on said arms for forcing them toward each other against the opposite sides of said tire adjacent the rim, latch elements



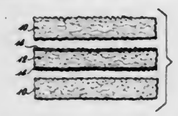
on the ends of said tire-engaging arms to hook over the opposite sides of the rim to hold the tool to the wheel, and manually operable means for moving said carrier and said arms into position to engage said tire and for removing it.

2,439,136
TOY BANK
Earl Kahn, Chicago, Ill.
Application April 19, 1947, Serial No. 742,616
3 Claims. (Cl. 46—3)



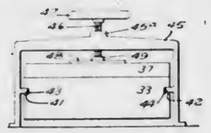
1. A toy bank comprising a housing for coins, a horizontally positioned slidable coin control member supported in said housing, a dry cell battery and a light bulb in electrical circuit, means including a spring finger in the path of said slidable control member adapted to normally maintain said circuit open, but adapted when engaged by a coin to close said circuit and light said bulb for the period that said coin is in contact with said spring finger.

2,439,137
LAMINATED PLASTIC ARTICLE
Auguste V. Keller, Long Island City, N. Y., assignor to Thompson's Ltd., New York, N. Y., a corporation of New York
Application December 20, 1940, Serial No. 371,040
2 Claims. (Cl. 154—129)



1. A molded article comprising, layers of resin impregnated fibrous material, the resin content of each of said layers differing to provide layers of varied density and varied heat conductivity, the said layers being assembled successively in the order of their heat conductivity to provide a layer of relatively low conductivity at one side and a layer of relatively high conductivity at the opposite side of the article, and heat conducting metallic layers interposed between and bonded to selected adjacent layers of said resin impregnated fibrous material.

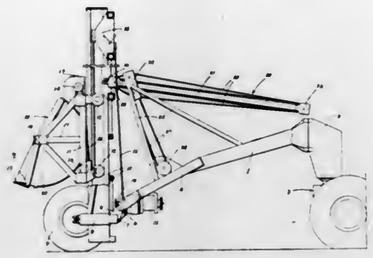
2,439,138
APPARATUS FOR MAKING ARTIFICIAL TEETH
Hubert Kohrman, Danbury, Conn.
Application February 20, 1943, Serial No. 476,606
1 Claim. (Cl. 18—34.1)



An apparatus for molding artificial teeth comprising two mold parts made of a rigid material and having adjacent contacting faces in which are mold recesses corresponding respectively to the two vertical halves of a tooth pattern, said mold parts having a charging channel leading to the root end of the mold cavity formed by the mating recesses, said two mold parts having companion external portions together forming a taper, a frame for receiving said two mold parts and having portions coacting with said taper to press said two mold parts together when they are forced into said frame, a companion mold part having a pressure element enterable into said charging channel, a mechanism having a supporting structure with a movable pressure-applying element for receiving said frame in either of two positions of the latter relative to the supporting structure, in one of which positions said frame and mold parts are positioned so that said pressure-applying element operates upon said companion mold part to enter said pressure element into said charging channel and in the other of which positions said pressure-applying element operates to effect movement between said frame and said two molding parts to force the latter out of the former, said supporting structure comprising substantially a yoke, the arms of which and said frame have interengageable supports for selectively positioning said frame for coaction of said pressure-applying element either with said companion mold part to enter said pressure element into said charging channel or with said two mold parts to force the latter out of said frame.

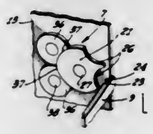
2,439,139
POWER SCOOP
Robert G. Le Tourneau, Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif., a corporation of California
Application September 3, 1946, Serial No. 694,479
11 Claims. (Cl. 214—120)

1. A power scoop comprising a wheel supported body, an upstanding elevator frame mounted on the body adjacent one end thereof, an elevator carriage guidably mounted on the elevator frame, power means operative to raise and lower the carriage, an outwardly projecting scoop, means mounting the scoop on the carriage for rotation about a horizontal transverse axis between digging, carrying, and dumping positions, said scoop including a digging blade on its normally lowermost edge, and other power means operative to rotate the scoop between said positions, selectively; the scoop having a back wall concentric to the axis thereof, and said other power means including a reversible winch



unit having a drum, a pair of cable reaches extending in reverse relation from the drum, direction changing sheave means arranged so that said reaches lie circumferentially about said back wall in opposite directions, lapping each other, and being dead ended to the scoop at relatively widely spaced points circumferentially thereof.

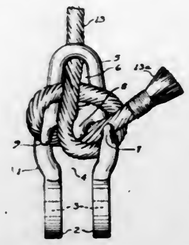
2,439,140
COMBINATION LOCK
George T. Mason, Glendale, Calif., assignor to Alfred A. Nathanson, North Hollywood, Calif.
Application September 4, 1945, Serial No. 614,369
3 Claims. (Cl. 70—293)



1. A combination lock for a closure movable with respect to a keeper comprising a detent disc carried by said closure in position for the edge of said disc to engage behind said keeper, said disk having a notch therein and being revoluble about its own axis to move its notch optionally into or out of registry with said keeper, and a tumbler disk revolubly mounted on said closure and having a notch therein into which the edge of said detent disc extends when said detent disc's notch is turned away from said tumbler disc, said tumbler disc extending into said detent disc's notch when said tumbler disc's notch is turned away from said detent disc to immobilize said detent disc with the notch of said detent disc out of registry with said keeper.

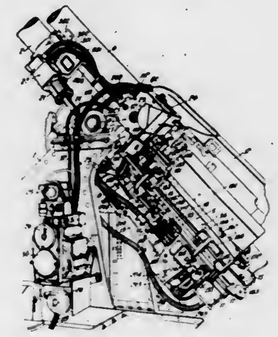
2,439,141
FLAT TERMINAL FITTING
William A. Meighan, Portland, Oreg.
Application November 3, 1944, Serial No. 561,788
6 Claims. (Cl. 24—129)

1. An integral, flat terminal rope fitting having an elongated body, comprising a bifurcated member having securing elements on the free ends thereof, the central portion thereof defining a recess, an apertured member secured to said bifurcated member and projecting longitudinally therefrom, and a series of spaced, opposed claw-like fingers extending laterally from the face of



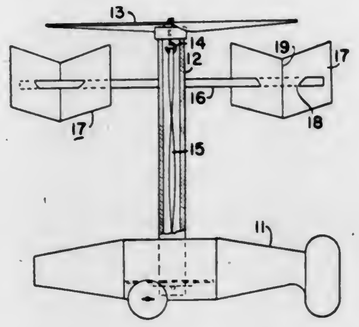
said bifurcated member and defining an inclosed transverse rope way.

2,439,142
LOADING AND FIRING MECHANISM FOR QUICK-FIRING GUNS
Desmond Walter Molins, Valentine Pearce Harvey, James Arthur Mason, and Gordon Francis Wellington Powell, Deptford, London, England, assignors to Molins Machine Company Limited, Deptford, London, England
Application May 25, 1943, Serial No. 488,453
In Great Britain April 13, 1942
35 Claims. (Cl. 89—1)



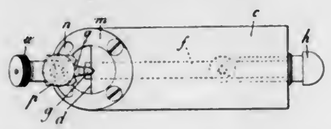
1. A gun comprising in combination a breech, a loading tray movable between a loading position and a firing position, in which latter position the tray is bodily offset from the breech so that it is out of the way of the latter during recoil and is properly positioned to receive a round, means for closing said breech automatically on the insertion of a round therein, firing mechanism for the gun, fuze-setting means adapted to set the fuze of a round in the loading tray, means for automatically actuating the fuze-setting means and the loading tray in timed relationship so that the fuze of the round is already set when the tray is in the loading position, a rammer-device, means operably controlled in timed relationship with the movement of the loading tray automatically to actuate the rammer-device and ram the round into the breech, and means associated with the breech to actuate the firing mechanism automatically when the breech is closed, whereby there is provided an automatic setting-loading-firing cycle giving a substantially constant dead-time for each round.

2,439,143
TOY HELICOPTER
Stephan Paul Nemeth, Chicago, Ill.
Application March 7, 1944, Serial No. 525,404
4 Claims. (Cl. 46—75)



1. In a toy helicopter the combination of a sustaining propeller and of at least one counter-rotating vane below the propeller made of two plane surfaces forming a dihedral angle and, the vane being set to positive dihedral and to positive incidence angle.

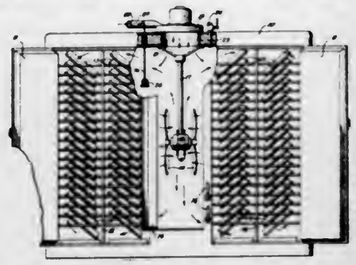
2,439,144
DEVICE FOR SHARPENING DRILLS
John Perkins, London, England
Application November 30, 1944, Serial No. 565,945
In Great Britain June 15, 1944
3 Claims. (Cl. 51—219)



1. A small drill-sharpening device comprising a drill holder having means for laterally locating a drill in relation thereto and drill-clamping means for holding said drill in fixed position with its ends suitably presented simultaneously to a pair of planes inclined to the axis of the drill, said planes comprising surfaces on the holder for guiding a sharpening stone, said device incorporating an adjustable carriage, a spring-urged plunger mounted thereon, the end of said plunger being adapted to engage a flute in said drill and wherein said drill-locating means comprises a V-groove abutment surface on said device.

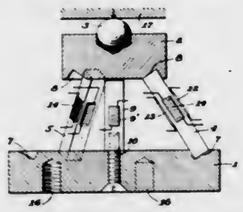
2,439,145
INCUBATOR
Louis M. Porter, Englewood, Colo.
Application May 15, 1944, Serial No. 535,601
2 Claims. (Cl. 119—35)

1. An incubator comprising a cabinet, egg supporting means adjacent the opposite ends of the cabinet spaced apart in the central portion of the cabinet, a pair of axially spaced sets of air circulating blades in said central portion of the cabinet, the blades being so pitched that they will draw air in axially from the ends of the cabinet and discharge it outwardly to circulate over the egg supporting means, and air heating means



between said sets of blades to heat the air circulated by the blades.

2,439,146
LOAD WEIGHING DEVICE
Arthur C. Ruge, Cambridge, Mass., assignor to The Baldwin Locomotive Works, a corporation of Pennsylvania
Application March 14, 1946, Serial No. 654,245
8 Claims. (Cl. 201—63)



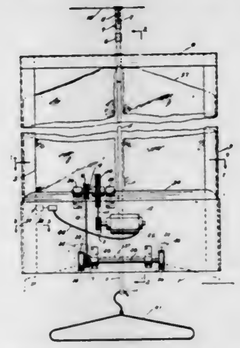
1. A load weighing device comprising a plurality of inclined load sensitive columns at least one of which is inclined relative to another so that the applied load is carried to the base in more than one direction, means for securing said columns together at one end, means for securing the same together at their other end, and electrical impedance means secured to said columns so as to be responsive to strain therein produced by subjecting the device to a load.

2,439,147
PROCESS FOR THE MANUFACTURE OF COLLOIDAL SULPHUR
Fernand Frederic Schwartz, Santiago, Chile
No Drawing. Application October 4, 1944, Serial No. 557,230
3 Claims. (Cl. 252—313)

3. A process for the preparation of colloidal sulphur which comprises the decomposition of ammonium polysulphide by reacting the same with an aldehyde in the presence of a protective colloid selected from the group consisting of ammonium caseinate plus ammonium ricinoleate and ammonium alginate plus ammonium oleate.

2,439,148
GARMENT BAG APPLYING AND REMOVING DEVICE
Willie A. Shields, Powderly, Ala.
Application December 22, 1945, Serial No. 636,782
2 Claims. (Cl. 226—18)

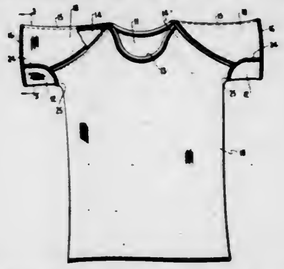
1. A garment bag applying and removing device comprising; an adjustable connection for attaching to a ceiling, a frame attached to the lower end of the adjustable connection, the side members of the frame forming channels, a panelled case supported in the lower portion of the frame, an electric motor mounted on one outer face of the case, two driving rollers mounted on and adapted to revolve with a shaft supported in bearings attached to the outer face of the case, pulley and belt means leading from the motor to the shaft with said rollers and adapted to revolve the rollers, slots cut through the outer panel face, the rollers positioned with part of each protruding through a slot; a rocker arm mounted in a supporting bearing attached to the opposite outer face of the case, a spring positioned between one end of the rocker arm and the opposite face of the case and adapted to urge the end of the arm away from the case, a shaft attached to the other end of the rocker arm, a free revolving roller mounted on each end of the



arm shaft, slots cut through this opposite face substantially the same size as the slots in the other panel face, parts of the arm shaft rollers adapted to protrude through the slots and make contact with the driving rollers protruding through the opposite panel, a crank type lever mounted on the opposite face of the panel and adjacent the rocker arm and adapted by manual operation to overcome the spring urge and lift and hold the arm shaft and free revolving rollers away from the opposite driving rollers; a long depending rod with its upper end attached to the top of the frame and extending down through and beyond the panel case bottom edge, a hook integral with the bottom end of the long rod adapted for a garment hanger to hang thereon; weak springs positioned within the panel case and adjacent the sides of the driving rollers and adapted to act as resisting shields to hold a bag when descending off of the face of the driving rollers.

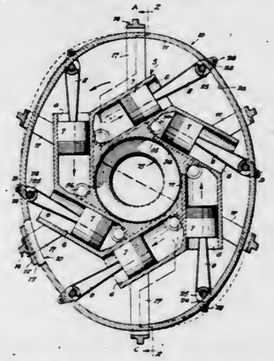
2,439,149
SLIPOVER GARMENT
Emma A. Smicker, Allentown, Pa., assignor to Blossom Products Corporation, Allentown, Pa., a corporation of Pennsylvania
Application March 29, 1947, Serial No. 738,049
5 Claims. (Cl. 2—111)

1. A shirt comprising a front member, a rear member and two sleeve inserts secured together to form a laterally enclosed body with two shoulders and sleeves; the said front member containing a body section, a cut-out neck portion and two extensions on opposite sides of the neck portion merged with the body section and extending upwardly to the shoulder level and then a predetermined distance rearwardly and downwardly, and outwardly to the sleeve edge; the said rear member containing a body section, a neck portion and two extensions on opposite sides of the neck portion merged with the body section and extending upwardly to the shoulder level and then a predetermined distance forwardly and downwardly and outwardly to the sleeve edge; the said extensions constituting combination sleeve and shoulder portions, the combination sleeve and shoulder portions of the rear mem-



ber overlapping the corresponding portions of the front member, each pair of overlapping portions forming an upper sleeve section of two layers; each of the said sleeve inserts being substantially U-shaped and being attached to the lower edges of one of said pairs of overlapping portions and to the adjacent body portion, the seam of each of said inserts extending inwardly from the outer sleeve edge horizontally and downwardly.

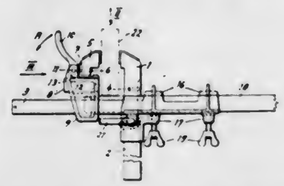
2,439,150
INTERNAL-COMBUSTION ENGINE
Frederick H. Smith, Buffalo, N. Y.
Application March 31, 1943, Serial No. 481,224
2 Claims. (Cl. 123—43)



1. An internal combustion engine, comprising a cylinder block having a large bore extending therethrough and having a plurality of cylinders with their axes tangential to a circle concentric with said bore, an oval cam track surrounding said cylinder block and arranged in the plane of the axes of said cylinders, said cylinder block and oval cam track being rotatable relative to each other about the axis of said bore, a piston in each of said cylinders, a piston rod secured to and maintained in substantially coaxial relation to each piston and having thrust engagement with said track, a ring-shaped stationary intake manifold adjacent to and concentric with one end of said bore and having an inlet opening and an

outlet-opening through which a combustible mixture is supplied to said cylinders, a ring-shaped rotatable intake manifold secured within said bore and directly coacting with said annular stationary intake manifold to receive the combustible mixture therefrom, a passage leading from said annular rotatable intake manifold to each of said cylinders, an inlet valve arranged at the side of the corresponding cylinder and controlling the flow of the combustible mixture through each of said passages, means for exhausting each of said cylinders, means for igniting the combustible charge in each of said cylinders, and means for actuating said valves, exhausting means and igniting means in a sequence to effect said relative rotation of said cylinder block and oval cam track through the thrust of said piston rods against said oval cam track, said rotatable intake manifold defining a large, unobstructed tubular coaxial passage extending completely through the engine.

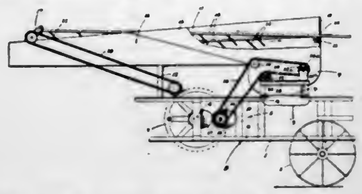
2,439,151
ADJUSTABLE CLAMPING FIXTURE FOR WORKBENCHES
Viktor Spinnler, Zurich, Switzerland
Application September 13, 1944, Serial No. 553,900
1 Claim. (Cl. 144—303)



An attachment of the character described comprising, in combination: a clamp including a stationary jaw having an extension arm, a carrier bar extending laterally from the side of the extension arm adjacent said stationary jaw, an adjustable mount having an aperture to receive said carrier bar therethrough and having tipping edges on opposite walls of said aperture adapted to effect locking engagement of said bar upon canting of said mount, an engaging jaw disposed for limited sliding movement along said mount, an eccentric locking device adapted to urge said slidable jaw against an engaged work piece and thereby cant said mount upon said carrier bar, a clamp holder having means for attachment to a table top and having a guide bed adapted to receive said clamp extension arm therein, said guide bed having an upper edge disposed below said table top so that said jaws may be positioned substantially flush with said table top, and locking means on said guide bed for securing said extension arm at selected positions of vertical adjustment therein.

2,439,152
FEEDER FOR HAY BALERS
William A. Stockton and Mason Stockton, Willows, Calif.
Application November 10, 1945, Serial No. 627,915
8 Claims. (Cl. 100—25)

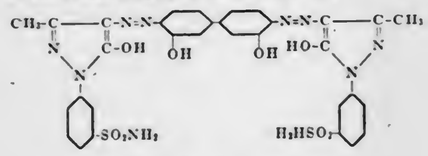
1. In combination with a hay baler which includes a baling chamber, a feeder for delivering material to the baling chamber, such feeder comprising a hopper disposed in communication with the chamber, an elongated trough mounted on the baler with one end portion of said trough above the hopper, said one end portion of the trough having a bottom opening communicating with said hopper, and power driven feeding mechanism in the trough operative to feed hay therealong to said opening; said feeding mechanism including a plurality of transversely



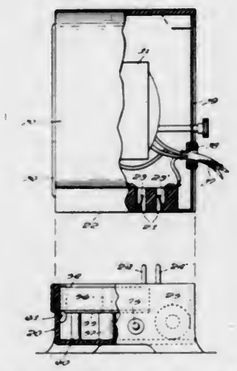
spaced feeder rods disposed lengthwise in the trough above the bottom thereof, said feeder rods converging in the direction of feed and extending over the bottom opening of the trough, hay engaging elements depending from the rods, and means to reciprocate the rods in the trough.

2,439,153
AZO DYES FROM DIHYDROXY BENZIDINE
Fritz Straub, Kaiseraugst, and Jakob Brassel and Peter Pieth, Basel, Switzerland, assignors to Society of Chemical Industry in Basle, Basel, Switzerland, a Swiss firm
No Drawing. Application August 16, 1943, Serial No. 498,885. In Switzerland February 18, 1941
2 Claims. (Cl. 260—161)

1. The disazo dyestuff of the formula

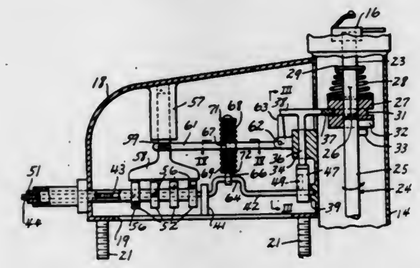


2,439,154
DETACHABLE CALENDAR MECHANISM FOR CLOCKS
Byron Harry Webb, Chicago, Ill., assignor of one-half to George M. Harper, Jr., Chicago, Ill.
Application February 19, 1945, Serial No. 578,685
3 Claims. (Cl. 58—6)



1. A calendar clock having upper and lower portions, said upper portion comprising a complete electric clock, said lower portion comprising a calendar of the moving tape type and having supply and rewind spool spindles separated by an aperture in the front of said lower portion, said upper and lower portions having cooperative means for ready separation thereof, whereby access may be had to the interior of said lower calendar portion for easy renewal of tape spools.

2,439,155
IGNITION LOCK
Claude E. Wilkes, Birmingham, Ala.
Application September 13, 1946, Serial No. 696,744
11 Claims. (Cl. 70—237)



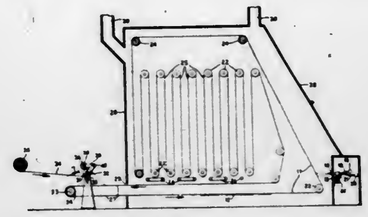
5. In an ignition system embodying a drive shaft and a coupling to disengage the timing mechanism from the shaft, a tumbler lock embodying a fence, a rotatable shaft, means on the shaft for moving the coupling to disengaged position, means to withdraw the fence from the tumblers, a detent movable responsive to withdrawal of the fence to lock the coupling in disengaged position, means to rotate the tumblers, and a tamper-proof casing surrounding the tumbler lock and detent.

2,439,156
METHOD OF TUMBLING BARREL FINISHING AND MATERIAL AND PRODUCTION THEREOF
Carl H. Castle, Sturgis, Mich., assignor to The Sturgis Products Company, Sturgis, Mich., a corporation of Michigan
No Drawing. Application January 12, 1946, Serial No. 640,982
12 Claims. (Cl. 51—282)

6. The method of polishing comprising the steps of tumbling the work with fragments of stone of the limestone group, to remove flash, sharp corners and surface irregularities from the work, introducing a solution which reacts with content of the stone to cover the limestone fragments with a coating filling and covering the abrasive surface irregularities of the limestone, and again tumbling and continuing the tumbling after the limestone fragments have acquired such coating.

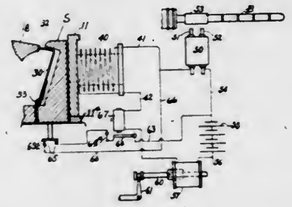
2,439,157
METHOD OF MAKING THIN RUBBER FILMS
Marc Alfred Chavannes, Genthod, Switzerland, assignor to American Ecla Corporation, Dover, Del., a corporation of Delaware
Application October 4, 1941, Serial No. 413,585
9 Claims. (Cl. 18—57)

1. A method of making extremely thin impervious rubber films which comprises spraying a plurality of successive coatings of rubber latex uniformly upon the surface of a smooth belt to which the latex adheres only lightly, the latex so sprayed being of a concentration of less than 25% but not substantially less than 10% solids and being applied in an amount which is not so



great as to cause the coating to run, substantially drying each coating before the application of the next, continuing said successive coatings until a film of desired thickness between .00025 and .0015 is formed and then stripping said film from the belt.

2,439,158
SELF-THREADING SHUTTLE EYE
Walter F. Daboll, Greensboro, N. C., assignor to Watson-Williams Manufacturing Company, Millbury, Mass., a corporation of Massachusetts
Application April 6, 1946, Serial No. 660,168
6 Claims. (Cl. 139—241)

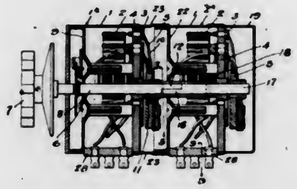


1. In a weft replenishing loom, a shuttle having a self-threading eye with a thread passage therethrough, a gate normally closing said passage and made at least in part of magnetic material, a shuttle box plate of magnetic material, and means to magnetize said box plate on indication of weft exhaustion and to thereby magnetize and effect withdrawal of said gate to open said passage for weft replenishment.

2,439,159
FLUXING METHOD IN SOLDERING
Joy F. Dillinger, Riverside, and Charles C. Patton, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application April 9, 1943, Serial No. 482,488
3 Claims. (Cl. 148—26)

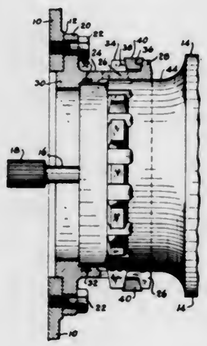
2. A method of supplying flux to a heating flame which comprises passing one of the gases of combustion for the flame through an aqueous solution of hydrochloric acid gas to entrain the hydrochloric acid gas and a small amount of water in the combustion gases to produce a fluxing agent comprising the hydrochloric acid gas and water vapor at the flame.

2,439,160
ATTENUATOR
Edmund Doucette, Newark, N. J., assignor to The Daven Company, Newark, N. J., a corporation of New Jersey
Application February 26, 1945, Serial No. 579,829
3 Claims. (Cl. 201—55)



1. In a multiple unit attenuator, a plurality of single units each having an enclosing housing, an annular ring like connecting member rigidly connected to the housing of one of said single units and removably engaging the housing of the other single unit in overlapping engagement, means to prevent accidental displacement of said coupling member and the housing which it detachably engages, terminal blocks slidably carried by said housing, and means to prevent longitudinal movement of the terminal blocks.

2,439,161
ATTACHING MEANS
George B. Du Bois, Radburn, N. J., assignor to Wright Aeronautical Corporation, a corporation of New York
Application October 9, 1946, Serial No. 702,279
7 Claims. (Cl. 285—129)



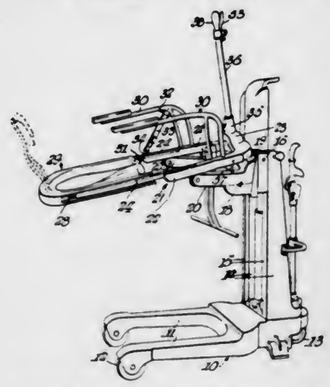
1. A mounting construction for an engine accessory member, said construction comprising a sleeve member adapted to be secured to the engine, one of said members being slotted at its end adjacent the other of said members to provide circumferentially spaced fingers, lugs projecting radially outwardly from said fingers providing a first set of lugs, a second set of circumferentially spaced lugs on the other of said members arranged to be received between and to extend radially outwardly beyond said fingers, said sets of lugs being adapted to be axially spaced with the first set of lugs disposed closer to the free ends of said fingers than the second set of lugs, and a ring adapted to be tightened about said members between said sets of lugs.

2,439,162
ERASER HOLDER
Walter Edwards, Calgary, Alberta, Canada
Application September 3, 1946, Serial No. 694,460
3 Claims. (Cl. 120—36)



1. An eraser holder comprising a hollow member, a transverse pin carried by the member, and an eraser having a slot in one end with the inner end of the slot terminating in an enlarged opening, said end of the eraser being adapted for insertion in the holder with the pin traveling through the slot and seated in said opening.

2,439,163
INVALID TRANSFER DEVICE
Melvin M. Farmer, Blue Island, Ill.
Application September 18, 1946, Serial No. 697,656
13 Claims. (Cl. 5—86)

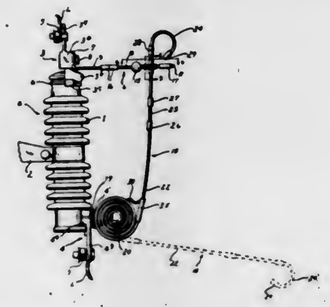


1. An invalid transfer device embodying therein, upright means, a carriage having vertical guided movement on said upright means, rearwardly extending means on said carriage, means pivotally mounted on said last mentioned means for a tilting movement about a transverse horizontal axis from a substantially horizontal position to an inclined position, a seat member formed for detachable engagement with a part of said pivotally mounted means, and means for releasably locking said pivotally mounted means to said rearwardly extending means against tilting movement to said inclined position when said pivotally mounted means is in its substantially horizontal position.

2,439,164
ELECTRICAL SWITCH
Charles . Jin Fox, Oakland Village, Mo., assignor to James R. Kearney Corporation, St. Louis, Mo., a corporation of Missouri
Application November 3, 1944, Serial No. 561,648
5 Claims. (Cl. 200—48)

1. An electrical switch comprising an insulating support, spaced terminals supported by said

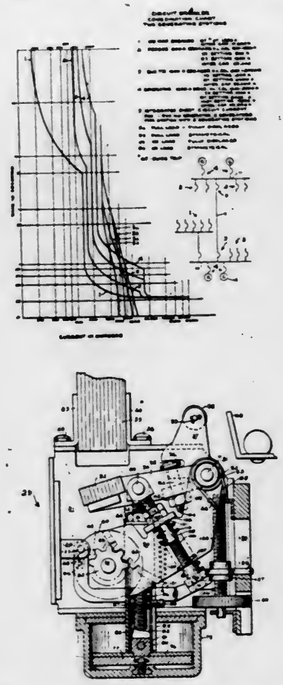
insulating support, a contact electrically associated with one of said spaced terminals, said contact being formed from resilient wire-like material and said material of which said contact is formed being so bent and shaped as to provide the contact with a space between resilient portions of the contact which is closed at its front end by a portion of the contact located at the forward end of the contact and which is provided with an open rear end facing the rear of the contact, and a switch blade elec-



trically associated with the other of said spaced terminals and movable into electrical contact with said contact, said switch blade being formed from resilient wire-like material and a portion of said switch blade being movable into said space of said contact to make contact with the resilient portions of said contact at opposite sides of said space, said portion of said switch blade which is movable into said space of said contact comprising a pair of spaced resilient parts of said switch blade.

2,439,165
SELECTIVE TRIPPING OF CIRCUIT BREAKERS IN A SYSTEM
Herbert C. Graves, Jr., West Chester, Pa., assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa., a corporation of Pennsylvania
Application February 17, 1944, Serial No. 522,725
16 Claims. (Cl. 175—294)

1. In an electrical system having a plurality of circuit breakers connected in series, each of said circuit breakers having individual cooperable contacts, and an individual electromagnet energizable in accordance with the currents flowing in its associated circuit breaker, each electromagnet having an armature mechanism, a tripping mechanism individual to each circuit breaker engageable by the armature mechanism of its associated electromagnet for effecting a tripping of the contacts of the associated circuit breaker, a time delay mechanism individual to each of said circuit breakers and operable when its electromagnet is energized by overload currents for effecting a long time delay of the order of seconds in the operation of the armature mechanism of its associated electromagnet to engage and operate said tripping mechanism, and a second time delay mechanism individual to each of said circuit breakers and operable when its associated electromagnet is energized by short circuit currents for effecting a short time delay of the order of cycles in the operation of the armature mechanism of its associated electromagnet to engage and operate said tripping mechanism, the long time delay and the short time delay of each of said circuit breakers being different from that of other circuit breakers in



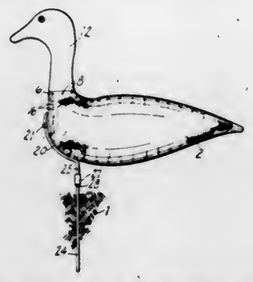
said system for effecting sequential trip in the long and short time delay periods.

2,439,166
DISPENSING TOOTHBRUSH
Widof J. Hoffman and Olaf P. Olson, Chicago, Ill.
Application August 1, 1945, Serial No. 608,120
4 Claims. (Cl. 132—84)



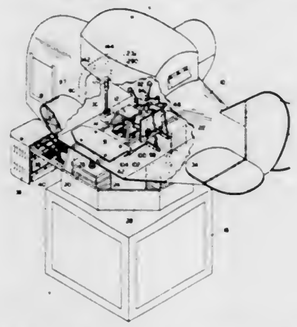
1. A dispensing brush of the type described, comprising a hollow container for material to be dispensed having a discharge spout projecting longitudinally of said container and opening in that direction, said spout communicating with the container interior, material engaging means in said container, means to actuate said means to discharge material in the container through said spout, and a brush having a handle in fixed relation thereto adjustable on said container independently of said actuating means, said handle being positionable on said container to place the bristle ends of the brush adjacent and substantially in the plane of the discharge end of said spout, with a substantial overhang of said end relative to said bristles, and means to slidably support said brush and handle on said container for rectilinear sliding adjustment for removal of the brush relative to said container.

2,439,167
DECOY
Marshal E. Jackson, Kalamazoo, Mich.
Application March 4, 1946, Serial No. 651,811
8 Claims. (Cl. 43—3)



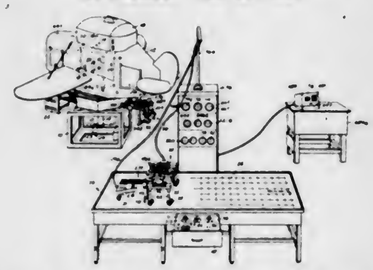
7. A decoy comprising a flexible fabric body wall element, a plurality of internal annular wall element ribs disposed transversely in longitudinally spaced relation within the wall element and secured to the inner side thereof to permit longitudinal collapsing of the wall element, a socket at the rear end of said wall element, a plate secured at the front end of the wall element and having an opening therein, and a supporting rod having an arm disposed through said opening in said plate and engaged in said socket whereby the wall element is supported in erected position.

2,439,168
CONSTANT SPEED PROPELLER SIMULATING MEANS FOR AVIATION TRAINERS
Karl A. Kail, Montrose, Pa., assignor to Link Aviation, Inc., a corporation of New York
Application July 31, 1943, Serial No. 496,898
10 Claims. (Cl. 35—12)



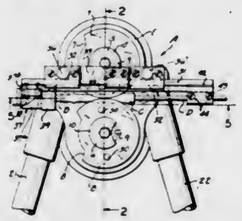
4. In a grounded aviation trainer comprising a fuselage having a place for a student, means for simulating the functioning of the manifold pressure gauge and tachometer in a real plane equipped with a constant speed propeller, said means comprising a simulated throttle control and a simulated propeller governor control, a simulated manifold pressure gauge for indicating the assumed manifold pressure of an engine assumed to be associated with said gauge and a simulated tachometer for indicating the assumed speed of said assumed engine, means for causing said gauge to register an assumed manifold pressure depending upon the setting of said throttle control, and means for causing said tachometer to register an assumed engine speed depending upon the setting of said governor control and the setting of said throttle control only when said throttle control is positioned to the rear of a predetermined position.

2,439,169
TRAINING DEVICE
Raymond E. Kittredge, Binghamton, N. Y., assignor to Link Aviation, Inc., a corporation of New York
Application February 17, 1945, Serial No. 578,369
35 Claims. (Cl. 35—25)



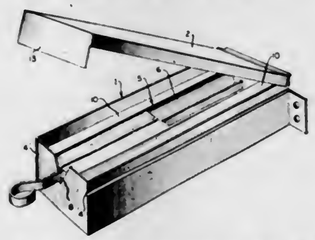
4. In a grounded navigation training system the combination of a support having a seat for a student; means positioned near said seat simulating the banking control means of a real airplane; a movable flight simulating device operatively connected to said support for indicating the assumed course of flight of said support; a movable element; means interconnecting said flight simulating device and said element for positioning said element according to the position of said flight simulating device; and means interconnecting said banking control means and said element for modifying the position of said element according to the movements of said simulated banking control means, and a unit connected to said movable element and responsive to the movements thereof.

2,439,170
ROLLING MACHINE
Frank M. Kratoville, St. Louis, and Firmin M. Cunningham, Maplewood, Mo., assignors to James R. Kearney Corporation, St. Louis, Mo., a corporation of Missouri
Application January 24, 1946, Serial No. 643,177
8 Claims. (Cl. 140—113)



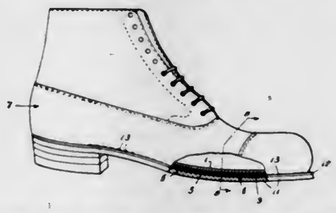
1. A pressure rolling machine comprising supporting frame means, a pair of pressure rollers supported for rotation by said frame means, means for subjecting said pressure rollers to rotary movement, and a carriage for supporting work acted on by said pressure rollers, said carriage comprising an elongated bar supported by said frame means for movement longitudinally of its axis with respect to said frame means, and spaced work-engaging means carried by said bar, said spaced work-engaging means including a socket element disposed adjacent to one end of said bar and having an opening formed therein which receives an end portion of said work, and a work-holding member disposed adjacent to the opposite end of said bar which engages a portion of said work.

2,439,171
WIPING DEVICE FOR OIL GAUGE RODS
Benjamin R. Kreider, Manheim, Pa.
Application March 13, 1947, Serial No. 734,519
4 Claims. (Cl. 15—210)



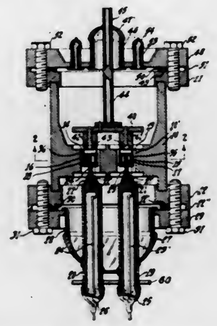
3. Oil gauge wiper comprising an elongated rectangular container having one end notched downwardly from its free edge and a hinged top, a fibrous wiping element bent longitudinally to form a V-groove and means for suspending the wiping element adjacent and with its groove in alignment with the notch in the end wall of the container, above the bottom of the container.

2,439,172
SHOE FOREPART BOTTOM FILLER
Euclid I. La Chapelle, Brockton, Mass., assignor of one-fourth to Albert L. La Chapelle, one-fourth to Beatrice H. La Chapelle, and one-fourth to Rachel E. La Chapelle
Application March 13, 1946, Serial No. 654,130
1 Claim. (Cl. 36—30)



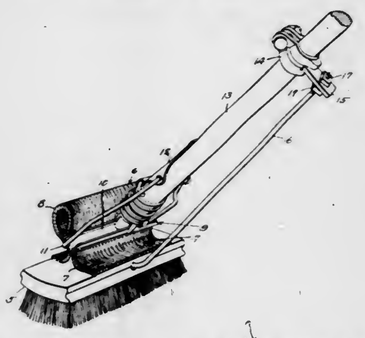
A shoe filler for welt shoes, of a length adapted to fit the cavity between the inner sole and the outer sole from the shank to the toe end of a shoe, said filler being formed of a resilient and a less resilient portion, the less resilient portion extending from the toe to the shank and comprising all of the filler except a circular portion of material of greater resiliency located in the ball area and invariably extending throughout the less resilient portion and said circular portion being, at least in part, approximately of the thickness of the less resilient portion and of such size as to extend approximately the full width of the filler and from the shank to approximately the midline of said filler and providing a resilient area which allows flexing of this portion of the filler without disarrangement of the front portion thereof.

2,439,173
ELECTRON DISCHARGE DEVICE
David B. Langmuir, Englewood, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application August 12, 1943, Serial No. 498,271
10 Claims. (Cl. 250—27.5)



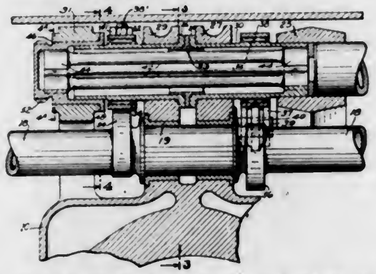
1. An electron discharge device including a solid anode block having only a single pair of adjacent separate tubular cavities extending therethrough, a cathode and grid within each of said cavities, said grids being electrically connected together through a common U-shaped conducting support, opposite legs of which are connected to said grids, parallel lines connected to said cathode and oppositely disposed to the grid support, each line being connected to a different cathode, said grid support providing a Lecher wire system, and said parallel lines being adapted to provide an oppositely disposed Lecher wire system, said cathodes and grids being supported independently of each other.

2,439,174
BRUSH ATTACHMENT FOR MOP HANDLES
Charles J. Larson, Warren, Minn.
Application July 6, 1945, Serial No. 603,482
2 Claims. (Cl. 306—1)



1. In a scrubbing brush, a brush head, a length of fabric material secured to the brush head, a brush handle, a clamp secured to the handle and adapted to clamp the fabric material securing the brush head to the handle, and a rod adjustably connected with the handle, said brush head having an opening formed therein, one end of the rod being disposed within the opening of the head, whereby said brush head is held against tilting.

2,439,175
VALVE GEAR
Wilton G. Lundquist, Hohokus, N. J., assignor to Wright Aeronautical Corporation, a corporation of New York
Application November 6, 1943, Serial No. 509,307
6 Claims. (Cl. 123—90)



2. In a valve gear for a pair of valves, a first rocker arm operatively connected to one of said valves, a second rocker arm operatively connected to the other of said valves, said rocker arms having hollow coaxially disposed journal portions for pivotally mounting said rocker arms, and a torsionally stressed rod disposed within said hollow journal portions having its one end operatively connected to one of said rocker arms and having its other end operatively connected to the other of said rocker arms for urging both of said rocker arms in a valve closing direction.

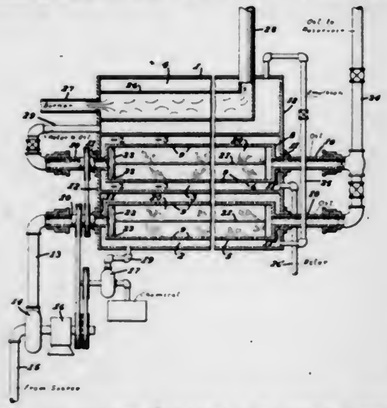
2,439,176
CONNECTOR
Logan L. Mallard, Norfolk, Va., assignor of one-half to Barry M. Wolf, Norfolk County, Va.
Application August 24, 1943, Serial No. 499,832
1 Claim. (Cl. 287—75)



A connector comprising a one piece generally cylindrical sheet metal stamping forming a housing having flattened end portions, flat apertured plunger members slidably received within said flattened end portions of said housing, shoulders on said plungers, interned flanges on the ends of said housing constructed and arranged to abut said shoulders and prevent removal of said plungers from said housing, finger engaging portions on the outer ends of said plungers, axial projections on the inner ends of said plungers, a compression spring received on said projections and tending to urge said plungers outwardly of said housing against said inturned flanges, apertures in said flattened end portions constructed and arranged to register with the apertures in said plungers upon inward movement thereof whereby wires inserted in said apertures will be clamped therein by the action of said compression spring.

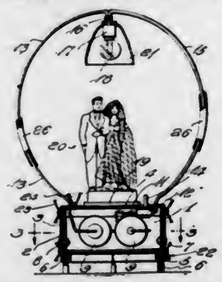
2,439,177
APPARATUS FOR DEHYDRATION OF OIL
Lester C. Manning, Oklahoma City, Okla., assignor to Ralph L. Senter, Oklahoma City, Okla.
Application January 25, 1946, Serial No. 643,434
7 Claims. (Cl. 252—347)

1. Apparatus for dehydrating oil in which the water is present in emulsion with a portion of the oil, comprising, a preliminary centrifuge and a final centrifuge, each consisting of a hollow rotatable drum having a perforated periphery and tubular coaxial shafts extending from the ends of said drum communicating with the interior chamber thereof, and fluid-tight casings surrounding said drums in spaced relation thereto defining therewith exterior chambers with which the perforations in the respective drums communicate, said shafts being journaled in bearings in opposite walls of the respective casings, a heater comprising a fire box and a fluid-tight casing surrounding said fire box in spaced relation thereto



defining therewith a heating chamber, conduits serially connecting one end of the exterior chamber of said preliminary centrifuge with one end of said heating chamber and the opposite end of said heating chamber with one of the shafts of the drum of said final centrifuge, a conduit connected to one of the shafts of the drum of said preliminary centrifuge adapted to communicate with a source of oil, a pump in said last named conduit pumping towards said last named drum, means for driving said pump and drums, the opposite shafts of the respective drums being discharge outlets for oil, and a water discharge outlet from the exterior chamber of said final centrifuge.

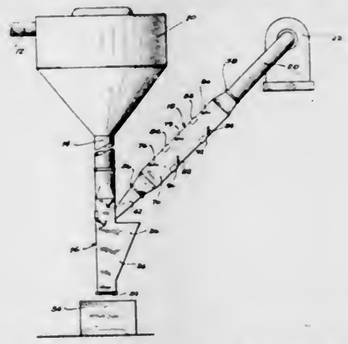
2,439,178
ILLUMINATED ORNAMENT
Michelle Marchand, Flushing, N. Y.
Application September 25, 1946, Serial No. 699,312
1 Claim. (Cl. 240—10)



A self-contained and electrically illuminated bridal ornament for wedding cakes comprising a cylindrical base member consisting of a storage section and a cover section formed from sheets of cardboard, a bead formed with the lower edge

of said storage section, relatively thin supporting legs secured to said bead and projecting therefrom, means for detachably connecting the sections of said base member together, batteries arranged within said base member, a switch secured to said base member, lead wires extending from said base member and formed into an arch, means for fastening the opposite ends of said lead wires, a miniature lamp suspended from said fastening means and in series with said batteries and switch, a statuette comprising a nuptial couple positioned upon said base member directly below said lamp, a bell reflector for said lamp reflecting the rays of light therefrom upon said statuette, bridal ornaments surrounding said cover section of said base member and bridal ornaments projecting inwardly from the arch towards said statuette.

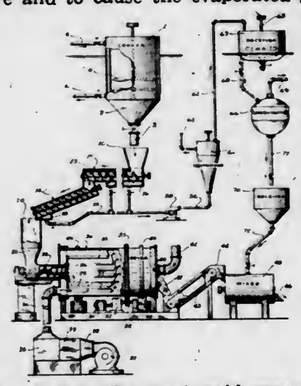
2,439,179
LINT CLEANING APPARATUS
Albert S. McGinnis and Harry Berry, Cairo, Ill., assignors to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
Application July 20, 1945, Serial No. 606,141
4 Claims. (Cl. 19—72)



1. A cottonseed lint cleaning apparatus including baffle means in a suction line through which the lint is moved by suitable suction means, said suction line being formed in part of an elongated tubular member having an upper and lower side when in operative position, oppositely disposed sets of baffles in said tubular member, one set of baffles being disposed along said upper side, the other set of baffles being disposed along said lower side, the upper side of said member being provided with slots between adjacent baffles, and the lower side of said member being provided with slots adjacent to the front edges of the corresponding baffles.

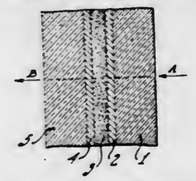
2,439,180
METHOD OF PRODUCING DRIED MEAT
Harry H. McKee, Herbert W. Keefer, and William J. McCue, Chicago, Ill., assignors to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
Application September 26, 1942, Serial No. 459,807
1 Claim. (Cl. 99—208)

The process for the manufacture of dehydrated partially cooked meat which comprises subjecting raw meat to a partial cooking operation at a temperature of from approximately 160° F. to 180° F. for about 20 to 30 minutes, cooking the meat at said temperature and for said time period to release the natural juices from the meat and substantially coagulate the proteins, continuing said cooking of the meat in the released juices at a reduced temperature below approximately 160° F. for a period of one to three hours while allowing free evaporation of moisture and to cause the evaporated juices to



be reabsorbed in the meat, said evaporation of moisture continuing until the meat has a moisture content of from about 40 to 50 percent, then hashing the product, and then dehydrating said product to have a moisture content not in excess of 10 percent.

2,439,181
LUMINESCENT SCREEN
Frederick H. Nicoll, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application May 17, 1946, Serial No. 670,427
9 Claims. (Cl. 250—80)

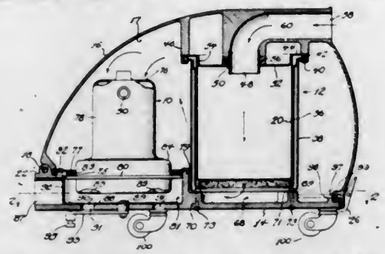


1. A luminescent screen comprising two dichroic reflectors, one of which transmits a maximum amount of energy of a first wavelength and reflecting a maximum amount of energy of a second wavelength, the second dichroic reflector reflecting a maximum amount of energy of said first wavelength and transmitting a maximum amount of energy of said second wavelength and between said dichroic reflectors a layer of a phosphor which emits light of one of said wavelengths and can be excited by energy of the other of said wavelengths.

2,439,182
BLOWER CONTROL DEVICE FOR SUCTION CLEANERS
Joseph H. Nuffer, Toledo, Ohio, and Lynn H. Latta, Deerfield, Ill., assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio, a corporation of Delaware
Application September 27, 1943, Serial No. 503,918
1 Claim. (Cl. 230—47)

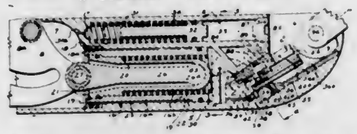
In a suction cleaner, a base, a suction unit on said base having an air inlet and an air outlet,

an arch shaped upward extension on said base at one end thereof, said extension providing a blower outlet open at the outer end and communicating with the suction unit outlet at its inner end, a cover on said base enclosing said suction unit, said base being apertured in the region of said upward extension and at a point communicating with the suction unit outlet to



enable normal discharge of air from the suction unit, a pivotally mounted valve disc on said base having apertures adapted to register with the apertures in the base, an upwardly extending valve flange on the periphery of the disc adapted when the disc and base apertures are in registry to close the blower outlet, and means for turning the valve disc, said last means being accessible from the underside of the base.

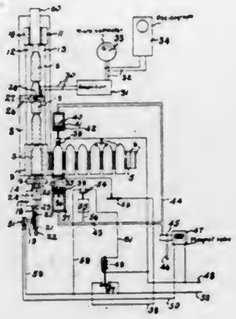
2,439,183
HYDRAULIC JACK
Herbert E. Page, Pasadena, Calif.
Application March 20, 1944, Serial No. 527,199
5 Claims. (Cl. 60—52)



5. Hydraulic apparatus comprising a body, a ram cylinder in said body, a ram reciprocable in said body for protractive and retractive movements, a spring arranged to cause limited protractive movement of said ram, said body further comprising hydraulic pressure generating means, a reservoir of hydraulic fluid and hydraulic pressure accumulating means, a plurality of conduits interconnecting said cylinder, said pressure generating means, said reservoir and said accumulating means, and hydraulic control means settable to a plurality of positions selectively to interconnect said conduits, said control means acting in a first position to enforce idling of said pressure generating means, in a second position to permit protractive movement of said ram by said spring and by said pressure generating means and simultaneously a charging of said accumulating means, and acting in a third position to permit retractive movement of said ram by said pressure generating means and by said accumulating means.

2,439,184
MAGNETIC FLAW DETECTOR
Edward G. Parvin, Roselle, N. J., assignor to National Pneumatic Company, New York, N. Y., a corporation of West Virginia
Application January 23, 1943, Serial No. 473,285
3 Claims. (Cl. 175—183)

1. Apparatus for testing for flaws substantially cylindrical metallic pieces capable of retaining a degree of magnetization after being magnetized, including a plurality of bars for providing a carrier for the pieces, means to compel the pieces to rotate on the bars, means for imparting longitudinal movement to the pieces as they rotate,



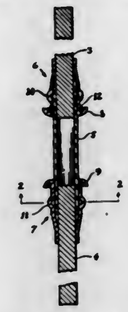
a magnetizable member forming part of a detecting circuit, and means for supporting the member to effect positive engagement between the member and a piece as the pieces rotate and move past the member.

2,439,185
LADDER ATTACHMENT STEP
Conrad J. Patt, Chicago, Ill.
Application December 7, 1945, Serial No. 633,278
4 Claims. (Cl. 304—31.5)



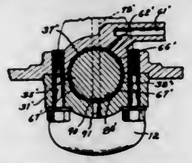
1. An attachment for ladders, embodying a bracket comprising an upright member, the upper end of which is shaped to form a downwardly opening rung-engaging hook, a substantially L-shaped member, one portion of which engages the top of the hook intermediate the ends of the former, the other end of the L-shaped member engaging and secured to said upright member, the free end of the said portion being bent back upon itself and secured to said hook, means securing the upright member to another ladder rung, and a step secured to the bracket to project between the side members of the ladder and for a substantial distance on each side of the first said ladder run, said bracket being disposed in close proximity to the ladder.

2,439,186
MECHANICAL SUPPORT FOR INSULATORS
Eric Pohle, Clifton, N. J., assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J., a corporation of Delaware
Application September 26, 1945, Serial No. 618,654
1 Claim. (Cl. 174—158)



A device for supporting a hollow cylindrical insulator, which comprises a cylindrical metal rod having its end fitting in the end of said hollow insulator and terminating in said insulator and a short hollow metal fastener on said rod having a crimp tightly fitting around the same end of said hollow insulator.

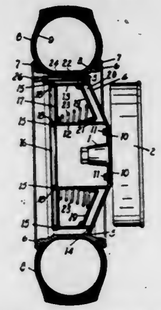
2,439,187
APPARATUS FOR FLUSHING FOREIGN MATTER FROM BEARINGS
Delmar G. Roos, Toledo, Ohio, assignor to Willys-Overland Motors, Inc., Toledo, Ohio, a corporation of Delaware
Application June 17, 1943, Serial No. 491,242
8 Claims. (Cl. 184—6)



1. In combination; a crankshaft having a journal, a bearing; a connecting rod connected to said crankshaft; a bearing for connecting said connecting rod to the crankshaft; a groove in said crankshaft journal bearing extending throughout a portion of the circumference of said bearing; means connecting said groove with a supply of lubricant; a duct in said crankshaft having one end in normal communication with the groove in said journal bearing, said duct arranged to convey lubricant to the connecting rod bearing; a vent opening arranged in the non-grooved portion of said journal bearing in circumferential alignment with the groove therein, said duct being arranged to register with said vent opening during each revolution of the crankshaft.

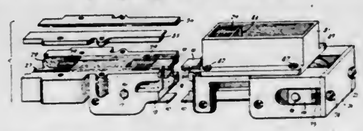
2,439,188
TIRE PRESSURE STABILIZER
Edwin R. Sage, Los Angeles, Calif.
Application March 14, 1946, Serial No. 654,257
6 Claims. (Cl. 152—418)

1. A wheel comprising a pneumatic tire rim and an inwardly dished supporting web attached thereto and having means for attachment to a wheel hub, a pneumatic tire on said rim, concentrically disposed radially spaced annular expansion chamber side wall members welded at their inner ends to the outer side of the web and having facing annular channels at their outer ends, the inner side wall member being of such diameter as to afford access to the wheel attaching means, the outer side wall member being adjacent to but spaced from the rim, the outer edge of the rim projecting substantially beyond the outer ends of the wall members to constitute a guard therefor, an annular closure plate disposed between said wall members, snap rings coacting with said channels for retaining said closure plate, an annular plunger-like movable expansion chamber end wall member dis-



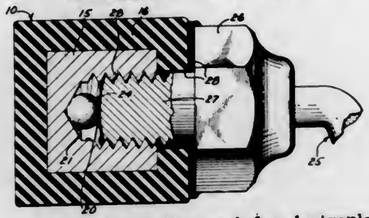
posed between said side wall members and provided with packings coacting therewith, said web, side wall members and movable end wall member coacting to provide an expansion chamber, a helically coiled spring arranged between said movable end wall member and said closure member to impart yielding thrust to said end wall member, and a conduit connecting the expansion chamber to the tire, said conduit being mainly disposed between the outer wall member and the rim and being provided with a filling valve, the spring being of such tension as to permit the expansion of the expansion chamber when the pressure within the tire exceeds a predetermined amount and to maintain substantially uniform predetermined pressure within the tire.

2,439,189
STAPLE FEEDER
Werner Schafroth, Brookline, Pa., assignor to International Staple and Machine Company, Clifton Heights, Pa., a corporation of Pennsylvania
Application November 19, 1945, Serial No. 629,355
9 Claims. (Cl. 1—3.1)



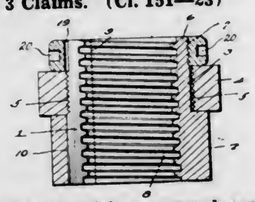
1. A staple feeding device comprising rails positioned to contact the intermediate portions of the staples, with open passages at the sides of the rails for free passage of the ends of the staples, a moving belt positioned between the rails adapted to contact the intermediate portions of the staples, means resiliently holding the belt against the staples, guard rails positioned above the belt and staples against which the said resilient means holds the staples, and means feeding said staples to the said belt.

2,439,190
ELECTROPLATING RACK
Leroy E. Schroeder, Elmwood Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application July 13, 1944, Serial No. 544,771
2 Claims. (Cl. 204—297)



1. An article supporting rack for electroplating comprising an insulation coated frame of electrical conducting material, an insulation coated cross bar thereof having a screw-threaded cavity terminating in a cone-shaped inner end wall, a deformable contact pellet of conducting material engaging in the cone-shaped inner end wall, and an article supporting and electrical conducting hook having a screw-threaded portion fixedly threaded into the cavity under compression against and deforming said contact pellet to insure a positive electrical contact between said bar and hook.

2,439,191
LOCK NUT
Robert W. Smith, Brunswick, Maine
Application February 26, 1946, Serial No. 650,269
3 Claims. (Cl. 151—23)



3. A lock nut comprising a wrench section having internal threads and provided with a longitudinal internal arcuate cut-away, a locking section provided with internal thread sections matching the internal threads of said wrench section, and slidably engaging said cut-away, said locking section being provided with external threads, an external unthreaded reduced extension for said wrench section substantially aligning with said external threads, a locking nut engaging said external threads and slidable about said reduced extension, a retaining nut and retaining screw threads formed on a still further reduced extension of said wrench section, said retaining nut being provided with an internal arcuate slot at least co-extensive with said locking section.

2,439,192
SILICOBORATE GLASS
Kuan-Han Sun and Thomas E. Callear, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application August 9, 1946, Serial No. 689,531
1 Claim. (Cl. 106—54)

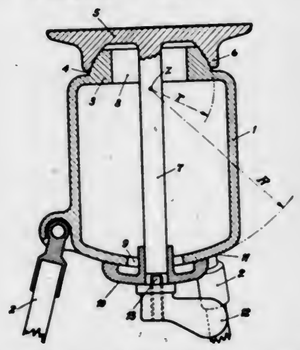
A glass resulting from a batch containing: lithium oxide, 8 to 18 percent or 27 to 38 cationic percent; beryllium oxide, 3 to 16 weight percent or 3 to 18 cationic percent; aluminum oxide, 2.5 to 23 weight percent or 2 to 10 cationic percent; silicon oxide, 10 to 34 weight percent or 10 to 18 cationic percent; boron oxide, 21 to 45 weight percent or 30 to 40 cationic percent.

2,439,193
SMALL MOTOR, PARTICULARLY SYNCHRONOUS FRACTIONAL HORSEPOWER MOTOR
Ernst Weber, Uster, Richard Pudelko, Zug, Carl Bollmann, Zurich-Albisrieden, and Henri Wermeille, Zug, Switzerland, assignors to Landis & Gyr, A. G., Zug, Switzerland, a corporation of Switzerland
Application July 4, 1942, Serial No. 449,794
In Switzerland July 14, 1941
5 Claims. (Cl. 172—36)



1. A fractional horsepower induction motor having a stator producing a rotating field, a rotor to be driven by said field, and bearing means for the rotor in contact therewith below the horizontal plane through the axis thereof, said axis being spaced a small distance from and directly below the axis of the stator field whereby the field acts more strongly on the rotor in the direction of gravity to draw it down and hold it normally in engagement with said bearing means.

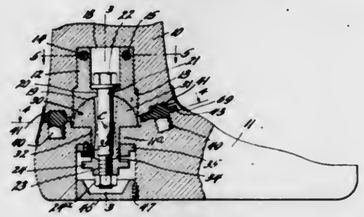
2,439,194
STAND WITH AN ADJUSTABLE RECEPTION-PLATE CAPABLE OF BEING TIPPED OVER IN EVERY DIRECTION
Heinrich Wild, Kuttigen, Switzerland, assignor to the firm Kern & Co. A. G., Aarau, Switzerland
Application January 18, 1945, Serial No. 573,419
In Switzerland September 27, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires September 27, 1963
4 Claims. (Cl. 248—181)



1. In a tripod head, the combination of a member comprising a first convexly shaped portion at one end and a second convexly shaped portion at the opposite end, said portions having a common spherical center, positioned at a point

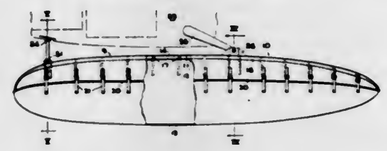
intermediate to both said portions, said member having a hole extending from one convex portion to the other, a reception member capable of supporting an apparatus of the type described and comprising a concave lower portion fitted on said first convex portion, an elongated rod rigidly fastened to the reception member, said rod having a diameter smaller than said hole, a plate member supported on said rod and comprising a concave portion fitted on said second convex portion, and clamping means for securing said plate member on the second convex portion in selected variable positions, thereby causing the reception member to be secured in a selected angular position relative to the first convex portion.

2,439,195
ARTIFICIAL LIMB
Harry M. Witmyer and William R. Simpson, Jr., Manheim, Pa.
Application May 23, 1945, Serial No. 595,338
12 Claims. (Cl. 287—88)



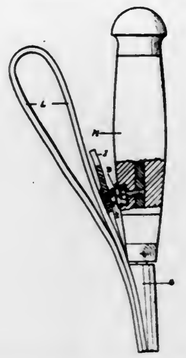
10. An artificial limb comprising two parts and a device for connecting the same for universal movement about a central point, resilient means interposed between said parts and normally maintaining them in a predetermined angular relatownship, and second means offset laterally from said device for limiting relative rotation of said parts about an axis extending longitudinally of one of them.

2,439,196
PNEUMATIC AIRCRAFT FLOAT
Robert A. Wolf, Eggertsville, and Luell M. Graham, Williamsville, N. Y., assignors to Bell Aircraft Corporation, Wheatfield, N. Y.
Application August 27, 1945, Serial No. 612,746
5 Claims. (Cl. 114—66.5)



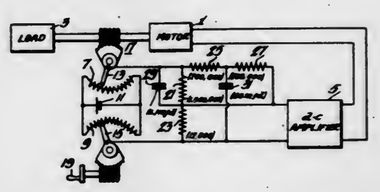
1. A float for an aircraft comprising in combination a rigid buoyant cell and a pneumatic cell, said rigid cell having an upper wall, a spaced lower wall, fastening means carried by said upper wall for securing said rigid cell to the aircraft structure, said lower wall being concave so as to give shape-sustaining support to said pneumatic cell, a corner piece at the joining edges of said upper and lower walls, a buffer member secured at its edges to said corner piece, and a fastening strip carried by said member and secured along one edge to said pneumatic cell.

2,439,197
SHEATHED KNIFE FASTENING
Garrett J. Wykoff, Yorktown, Va.
Application November 5, 1945, Serial No. 626,621
2 Claims. (Cl. 224—2)



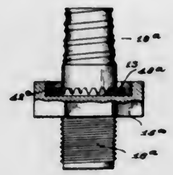
2. The combination with a knife including a blade and hilt and a sheath for the knife blade, of a relatively long flexible element connected with and extending from the blade receiving end of the sheath, said flexible element being adapted for connection with a belt, a tongue cut from the flexible element, and separable snap fastener elements carried by the tongue and by the hilt of the knife for releasably securing the blade against withdrawal from the sheath.

2,439,198
SERVOMOTOR CONTROL CIRCUIT
Alda V. Bedford, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application April 29, 1943, Serial No. 485,037
6 Claims. (Cl. 318—29)



1. An electrical follow-up system including an input shaft, an output shaft which is to be driven to an angular position corresponding to that of said input shaft, a D.-C. source, means for deriving from said source a control voltage having a magnitude which is a predetermined function of the angular difference between the positions of said input and output shafts, an electric motor coupled to said output shaft, amplifier means connected to said motor for controlling the energization thereof, and a transmission network for applying said control voltage to the input circuit of said amplifier, said transmission network including attenuator means, and a plurality of filter means having different time constants connected in parallel with said attenuator means for integrating said control voltage with respect to time.

2,439,199
COUPLING DEVICE
Gustave A. Borg, Naugatuck, Conn.
Application July 7, 1944, Serial No. 543,913
3 Claims. (Cl. 285—84)



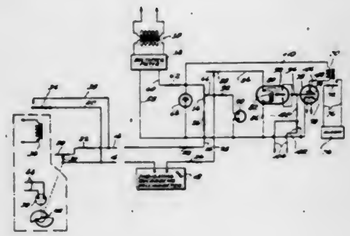
1. In a hose coupling comprising a coupling connection including a tubular boss adapted to extend into an end of a hose, means for securing said boss in said hose comprising a gradually, continuously and progressively expanding, external compound screw thread on said boss, said thread consisting of helical convolutions of alternately relatively narrow, shallow grooves and relatively wider, deeper grooves together forming helically-extending ridges located in intercoiled relation alternately in closer and wider spacing for helically gripping said hose interiorly, and a locking sleeve located exteriorly on said hose in registry with said boss and cooperating with said compound thread to fix said coupling connection against unintentional withdrawal from said hose under developed pulling forces.

2,439,200
FLOTATION OF IRON WITH ORGANIC ACID AND PETROLEUM SULFONATE
Robert B. Booth, Springdale, and Earl C. Herkenhoff, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application January 5, 1946, Serial No. 639,434
10 Claims. (Cl. 209—166)

1. A method of beneficiating oxidized iron ores by froth flotation of the ore in the form of an aqueous pulp, which comprises conditioning the ore with an organic acid, having a disassociation constant of at least 10 to the minus 7, said acid being selected from the group consisting of water soluble lower aliphatic monobasic carboxylic acids and aromatic sulfonic acids, the amount of said acid being such that on dilution to froth flotation density and floating, the rougher tailing in the absence of added alkali shows a pH in the range of 2 to 6, and subjecting the aqueous pulp of said treated ore to froth flotation in the presence of a collector for oxidized iron minerals, the major constituent of which is an oil soluble petroleum sulfonate obtained in the refining of petroleum lubricating oils, and removing a concentrate relatively rich in iron and a tailing relatively poor in iron.

2,439,201
REMOTE RADIO RECEIVER TUNING INDICATING APPARATUS
Robert A. Clark, Jr., Chicago, Ill., assignor to A. C. Nielsen Company, Chicago, Ill., a corporation of Illinois
Application October 29, 1945, Serial No. 625,150
4 Claims. (Cl. 234—1.5)

2. Apparatus for indicating at a remote point the transmitting station to which a radio receiver is tuned for reception when in use, comprising means associated with said receiver and responsive to tuning of said receiver for developing a signal having a characteristic variable with tuning of said receiver to represent the station to which the receiver is tuned for reception when in use, means responsive to the turning of said receiver on and off for correspondingly modifying



said signal, a signal transmission link for transmitting said signal from said receiver to said remote point, and means at said remote point controlled over said link by said signal and responsive to said modification of said signal and said variations in the variable characteristic thereof for indicating when said receiver is in use and the station to which the receiver is tuned for reception.

2,439,202
COMPOSITION OF BUTADIENE-ACRYLONITRILE COPOLYMER AND STYRENE-ACRYLONITRILE COPOLYMER
Lawrence E. Daly, Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application October 19, 1946, Serial No. 704,541
4 Claims. (Cl. 260—45.5)

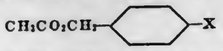
1. A composite thermoplastic homogeneous mixture of a normally elastic rubbery copolymer of butadiene-1,3 and acrylonitrile and a hard normally inelastic resinous thermoplastic copolymer of monomers consisting essentially of from 50 to 85% by weight of styrene and correspondingly from 50 to 15% by weight of acrylonitrile, said copolymers being present in proportions of from 25 to 90% by weight of said resinous copolymer and correspondingly from 75 to 10% by weight of said rubbery copolymer, said last-named percentages being by weight based on the sum of the weights of said resinous and rubbery copolymers.

2,439,203
PROCESS FOR PRODUCING BETA-FLUOROETHYL THIOLACETATE
Ellsworth Knowlton Ellingboe, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 8, 1944, Serial No. 544,140
1 Claim. (Cl. 204—158)

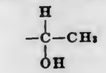
A process which comprises irradiating, with light of wave length in the range 0.015 to 0.4 micron, a liquid reaction mixture of vinyl fluoride, thiolacetic acid and from 0.5 to 5%, based on the thiolacetic acid of butyl disulfide, and isolating beta-fluoroethyl thiolacetate.

2,439,204
PARA-ACETYLBENZYL COMPOUNDS
William S. Emerson, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application June 22, 1946, Serial No. 678,672
9 Claims. (Cl. 260—483)

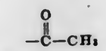
1. The compounds having the formula:



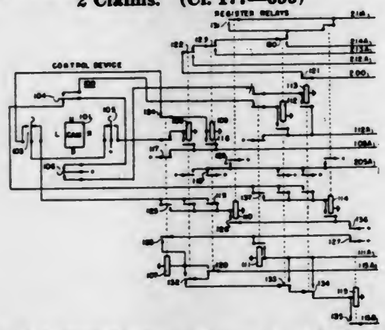
where X is selected from the class consisting of



and



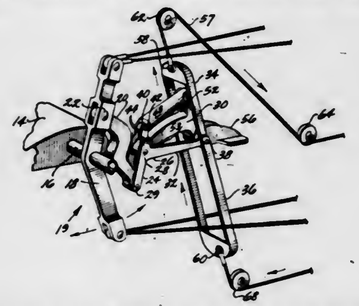
2,439,205
REMOTE CONTROL SYSTEM
Harry G. Evers, Chicago, Ill., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application August 3, 1944, Serial No. 547,955
2 Claims. (Cl. 177—353)



2. In a remote control system, a control station having a plurality of control switches and a code sender, a remote station having a plurality of apparatus units each corresponding to one of said control switches, a signal channel between said stations, means at said control station operated in response to the momentary operation of one of said control switches causing said code sender to transmit two coded signals over said signalling channel with a predetermined time interval between them, means at said remote station operated in response to the reception of said coded signals causing the operation of the corresponding apparatus unit for said predetermined time interval, and cross-connecting means for varying the operation of said first means for changing the duration of said time interval.

2,439,206
CONTROL SURFACE LOCK FOR AIRCRAFT
Alton Edwin Farr, Los Angeles, Calif., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif.
Application November 16, 1942, Serial No. 465,771
9 Claims. (Cl. 244—1)

1. In a control device for a movable flight control surface of an airplane the combination of: a control surface; a rigid member connected to said surface to be moved therewith; a stationary support; and a linkage means consisting of a plurality of pivotally connected links, the end links being pivotally connected to a movable portion of said rigid member and to said stationary support respectively; and means for selectively moving at least one of said links either to one position and holding it therein for arranging said pivotal connections on a dead center line thereby



positioning said links to act as a rigid strut immovably relating said rigid member to said support or to another position for arranging said pivotal connections away from a dead center line thereby positioning said links to permit free movement of said rigid member relative to said support.

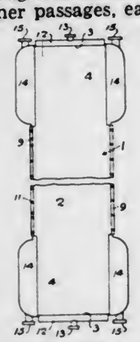
2,439,207
THERMOPLASTIC COMPOSITION
Roy Chester Feagin, New York, N. Y., assignor to Austenal Laboratories, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application May 20, 1944, Serial No. 536,641
8 Claims. (Cl. 106—245)

1. A casting pattern formed of a thermoplastic moldable form-retaining composition consisting essentially of wax and polymerized oil and being devoid of any non-meltable ingredient leaving any substantial ash residue upon combustion thereof, the wax constituting at least 50% of the composition, whereby said pattern after investment in refractory mold material may be completely eliminated therefrom by the application of heat.

2,439,208
HEAT EXCHANGER
Walter Gloyer, Port Washington, N. Y., assignor to American Locomotive Company, New York, N. Y., a corporation of New York
Application September 25, 1945, Serial No. 618,556
2 Claims. (Cl. 257—245)

1. A three-fluid heat exchanger comprising a rectangular shell having front and rear walls, side walls connecting said front and rear walls, and end walls connected to said front, rear and side walls; a plurality of separate spaced parallel plates disposed in said shell extending from one of said end walls to the other of said end walls and from one of said side walls to the other of said side walls, dividing said shell into a central passage and other passages on each side of said central passage, each of said passages being entirely separated from the remaining passages, said central passage being open at its opposite ends through said end walls for flow of one fluid through said exchanger, and said other passages being open at their opposite end portions laterally and alternately through said side walls, said other passages being for flow of two other fluids through said exchanger whereby said oth-

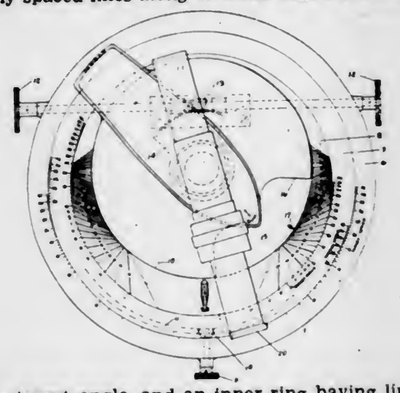
er two fluids are in heat exchange relation with each other; a header secured to each of said end walls for heading said central passage; a header at each end portion of each of said side walls, the headers of one side wall heading some of said other passages and the headers of the other side wall heading the remaining of said other passages, no two adjacent of said other passages opening into the same headers; a straight corrugated fin in said central passage for guiding said fluid flowing therethrough from one of said end wall headers to the other of said end wall headers; and a corrugated fin element disposed in each of said other passages, each of said corru-



gated fin elements including a portion having corrugations running lengthwise of said shell, the opposite ends of said portion each being mitered with another corrugated fin portion having its corrugations normal to the corrugations of said first mentioned portion and extending to the adjacent side wall header whereby each of said elements guides fluid from one of said side wall headers laterally into said shell, then longitudinally through said shell, and then laterally from said shell into the other correlated side wall header, said corrugated fin elements thereby assuring fluid flow through every part of each of said other passages.

2,439,209
TORPEDO DIRECTOR
Arthur Sherman Halsey, Washington, D. C., assignor to the United States of America as represented by the Secretary of the Navy.
Application June 15, 1925, Serial No. 37,401
3 Claims. (Cl. 235—61.5)

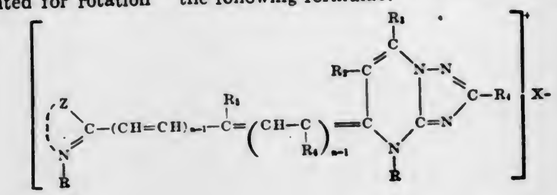
1. In a torpedo director having a pedestal, a telescope supporting body mounted for rotation upon the pedestal, and a telescope mounted on said body, a computing mechanism comprising three concentric indicia bearing rings, the outer ring being normally stationary and having logarithmically spaced indications representing target speed, the middle ring being rotatable within the outer ring and having lines representing torpedo speed on its outer edge for registry with the indications on the outer ring and having logarithmically spaced lines along its inner edge represent-



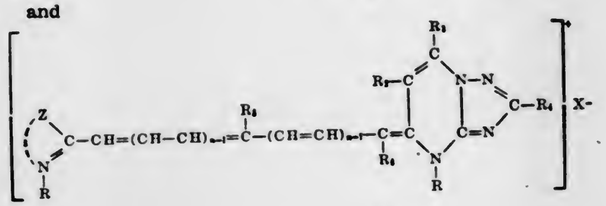
ing target angle, and an inner ring having lines extending thereacross at various angles interconnecting logarithmically spaced indicia on its outer edge with arithmetically spaced indicia on its inner edge to convert the logarithmical values of the target angle to arithmetic values of telescope rotation, and a pointer positioned by the telescope supporting body to sweep along the arithmetic portion of said lines.

2,439,210
PHOTOGRAPHIC SILVER-HALIDE EMULSIONS CONTAINING 1,3,4-TRIAZAINDOLIZINE CYANINE DYES
Newton Heimbach, Binghamton, N. Y., assignor to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware
Original application April 11, 1946, Serial No. 661,353. Divided and this application June 7, 1946, Serial No. 675,289
4 Claims. (Cl. 95—7)

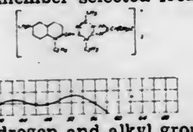
1. A photographic gelatino silver-halide emulsion which contains a dyestuff characterized by a formula selected from the class consisting of the following formulae:



and

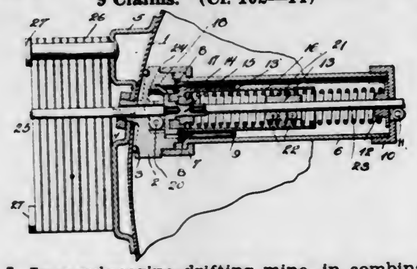


wherein R represents a member selected from the class consisting of alkyl and aralkyl groups, R_2 is a member selected from the class consisting of hydrogen, alkyl, carbalkoxy, and aryl groups, R_3 and R_4 represent the members selected from the class consisting of hydrogen, alkyl, aryl, aralkyl, alkoxyphenyl, and dialkoxyphenyl groups, R_5 is a member selected from the class



consisting of hydrogen and alkyl groups, R_6 is a member selected from the class consisting of hydrogen and methyl groups, n represents a positive integer ranging from 1 to 2, X represents an anionic radical, and Z represents the atoms necessary to complete a heterocyclic nitrogenous system.

2,439,211
SUBMARINE MINE
Clarence N. Hickman, Washington, D. C., assignor to the United States of America as represented by the Secretary of the Navy
Application November 13, 1924, Serial No. 749,644
9 Claims. (Cl. 102—14)



5. In a submarine drifting mine, in combination, a casing, a reducible weight composed of a plurality of individual units each pivotally supported exteriorly of the casing, and hydrostatically controlled means for progressively releasing said units in accordance with the depth of the mine.

2,439,212
DITHIADECANE DIESTER
Henning Waldemar Jacobson, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application October 10, 1946, Serial No. 702,364
1 Claim. (Cl. 260—488)

4,7-Dithiadecane-1,10-diol bis(2,2,3-trimethylbutanoate).

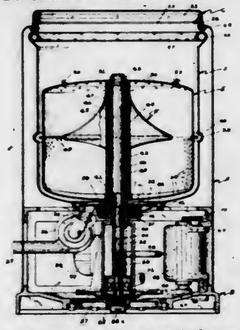
2,439,213
HEAT-RESISTANT COPOLYMER OF STYRENE AND PARA-CHLORO-ALPHA METHYLSTYRENE
John Paul Kispersky, West Lafayette, Ind., and Raymond B. Seymour, Chattanooga, Tenn., assignors to Monsanto Chemical Company, a corporation of Delaware
No Drawing. Application March 20, 1946, Serial No. 655,892
2 Claims. (Cl. 260—74)

1. A resinous material consisting of the interpolymer of 58% para-chloro-alpha-methylstyrene and 42% styrene.

2,439,214
COPOLYMERS OF ALPHA, BETA-ETHYLENICALLY UNSATURATED PHOSPHONIC ACID DERIVATIVES
Richard Vernon Lindsey, Jr., Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application May 11, 1944, Serial No. 535,197
8 Claims. (Cl. 260—84)

3. An interpolymer of 5–95% of a phosphonic compound of the class consisting of dialkyl esters, diaryl esters and tetraalkyldiamides of alkene phophonic acids in which acids the phosphorus is bonded to carbon of an alkenyl radical, said carbon being ethylenically doubly bonded to a second carbon of said radical, and 95–5% of a comonomer of the class consisting of alkyl methacrylates, methyl acrylate, styrene, ethylene, acrylonitrile, vinyl chloride, vinyl acetate, and vinylidene chloride.

2,439,215
CLOTHES-WASHING MACHINE HAVING RECIPROCATING CLOTHES RECEPTACLE WITH RESTRICTED PASSAGEWAY
Arthur D. Lund, Minneapolis, Minn., assignor to Solar Corporation, Milwaukee, Wis., a corporation of Delaware
Application March 17, 1944, Serial No. 526,859
12 Claims. (Cl. 68—23)

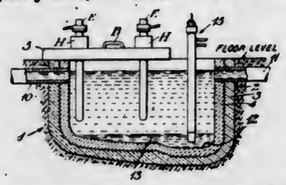


7. In a washing machine, a tub, a perforated receptacle mounted for axial reciprocation in the tub and normally having substantial peripheral sealing engagement with the tub whereby the receptacle will have a piston action therein to force fluid through the perforated receptacle when the latter is reciprocated, means for reciprocating the receptacle to produce the washing action, means for spinning the tub when in a predetermined axially stationary position to extract fluid from the receptacle and articles having been washed therein, and means operative upon positioning the receptacle in said axially stationary position for interrupting said substantial sealing engagement and providing full clearance between the receptacle and tub.

2,439,216
METHOD FOR REMOVING METALLIC IRON FROM A FUSED ALUMINA-CRYOLITE COMPOSITION
David S. McLellan, Longview, Wash., assignor to Reynolds Metals Company, Richmond, Va., a corporation of Delaware
Application July 23, 1946, Serial No. 685,649
3 Claims. (Cl. 75—29)

2. In the treatment of aluminiferous cryolite fusions with a reducing agent to reduce iron ox-

ide to iron in which the iron settles to the bottom of the confining vessel, the improvement which comprises carrying out the reduction at a temperature in the range of 1050° C. to 1200° C. to form a semi-pasty body or iron in the confining ves-



sel, inserting into the body of iron a lifting device, cooling that portion of the lifting device inserted into the body of iron to freeze a mass of iron thereon, and raising the lifting device to remove the mass of frozen iron out of the fusion.

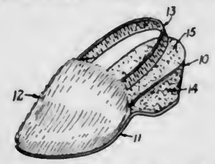
2,439,217

OPEN HEEL SHOE HAVING A HEEL COVERING AND METHOD OF MAKING SAME

George Naidor, Gouldsboro, Pa.

Application June 28, 1947, Serial No. 757,850

6 Claims. (Cl. 36—19.5)



1. In a shoe, an insole, a heel attached to its rear end, and a pre-formed enclosure enveloping said heel and rear end, said enclosure comprising a sheet defining a heel-seat cover and having front, side, and rear edges, and a second sheet defining a heel cover and stitched along its upper edge to the side and rear edges of said first-named sheet.

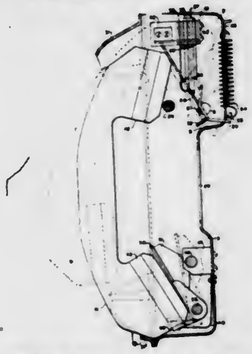
2,439,218

TELEPHONE SUBSTATION SET

Herbert F. Obergfell, deceased, late of River Forest, Ill., by Amanda Obergfell, executrix, River Forest, Ill., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware

Application May 13, 1944, Serial No. 535,403

9 Claims. (Cl. 179—100)



3. A locking mounting for a telephone handset including a base, recessed portions extending within said base for receiving the receiver and transmitter portions of the handset, a lock plate pivotally mounted in one of said recessed portions of said base, a lock latch associated with said plate, a lock member located partly within said one recessed portion, a spring for actuating said member, a lock lever, means including said member under tension of said spring necessitating movement of said lock lever before said handset can be removed from said portions.

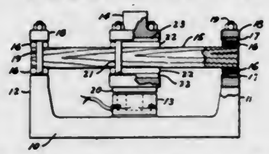
2,439,219

APPARATUS FOR TRANSMITTING INTENSE VIBRATIONS FOR PERFORMING WORK

John C. O'Connor, Dayton, Ohio

Application June 9, 1944, Serial No. 539,585

6 Claims. (Cl. 172—126)



1. In apparatus for performing work by vibration employing a tuned vibratory system, a resilient subassembly for the vibratory system consisting of a beam adapted to vibrate transversely to its length, and pads of universally flexible material bonded to the beam and interposed between the beam and its support.

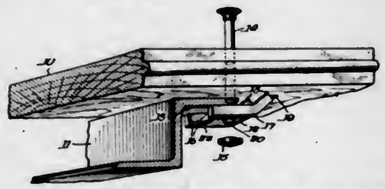
2,439,220

FLOOR CLIP

Oscar E. Rothfuchs, Michigan City, Ind., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill., a corporation of Delaware

Application February 8, 1946, Serial No. 646,319

9 Claims. (Cl. 189—35)



1. A floor clip comprising a channel shaped member having a web and upwardly directed flanges, said clip having an upwardly inclined portion having upwardly directed flanges with the end edges of said flanges perpendicular to the inclined web portion to form upwardly directed corner portions providing prongs, and a horizontally projecting flange member integral with the clip at the base of said prongs.

2,439,221

SILK TREATMENT

Ben W. Rowland and Douglas Fronmuller, Appleton, Wis., assignors to The Institute of Paper Chemistry, Appleton, Wis., a corporation of Wisconsin

No Drawing. Application June 14, 1940, Serial No. 340,573

1 Claim. (Cl. 117—139.5)

In the art of processing silk, the improvement which comprises subjecting silk to a treatment in an aqueous bath consisting of a mineral oil emulsion, a small amount of the sodium salt of monoglyceryl-lauryl sulphate, a small amount of sulphonated castor oil and sufficient acetic acid to adjust the pH value of said bath to about 3.45.

2,439,222

PIGMENT COMPOSITIONS

Mario Scalera and Robert E. Brouillard, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y., a corporation of Maine

No Drawing. Application January 25, 1946, Serial No. 643,462

12 Claims. (Cl. 106—288)

7. A process of preparing a composite pigment which comprises dissolving from 5 to 75% of pigments of the halogenated isodibenzanthrone class and 95 to 25% of blue tetrabenzotetrazaporphine pigments in concentrated sulfuric acid and coprecipitating a composite pigment by diluting the mixture with water.

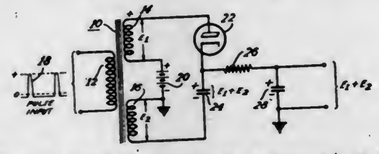
2,439,223

RECTIFIER SYSTEM

Otto H. Schade, West Caldwell, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application February 19, 1945, Serial No. 578,678

19 Claims. (Cl. 171—97)



12. In a voltage step-up arrangement, a first rectifying unit including an energy-storage device, means for applying a varying potential to said rectifier unit so as to develop a substantially constant D.-C. voltage on said energy-storage device, a second rectifier unit including a further energy-storage device, means for coupling together said rectifier units so as to develop on said further energy-storage device a substantially constant D.-C. voltage approximately equal to the D.-C. voltage developed on the energy-storage device of said first rectifier unit, and means for effectively connecting said two energy-storage devices in series electrically.

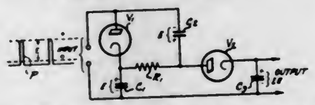
2,439,224

RECTIFIER

Winfield R. Koch, Haddonfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application November 6, 1945, Serial No. 627,056

3 Claims. (Cl. 171—97)



1. A rectifier system adapted to receive a series of voltage pulses across the input terminals thereof, said system including a first series combination of an electron discharge tube and an energy-storage device connected across the said input terminals, one terminal of said energy-storage device being connected to the anode of said electron discharge tube, a second series combination including an electron discharge tube and two energy-storage devices also connected across the said input terminals, the said electron discharge tube of the second series combination being connected intermediate the said two energy-storage devices thereof, said first and second series combinations effectively being in parallel relation, an impedance element, and means for connecting the anode of the electron discharge tube of said first series combination through said impedance element to the cathode of the electron discharge tube of said second series combination.

2,439,225

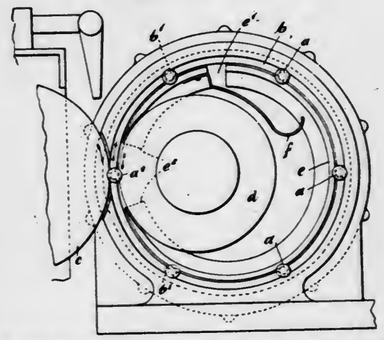
WORKPIECE FEEDING DEVICE FOR CENTERLESS GRINDING AND LIKE MACHINES

Arthur Scrivener, Birmingham, England

Application February 15, 1945, Serial No. 578,049

In Great Britain February 24, 1944

1 Claim. (Cl. 51—103)



A feeding device for centreless grinding and like machines which have a grinding roll and an opposed control roll, comprising a carrier ring which passes between the rolls and has a thickness less than the normal distance between the rolls, means for rotating the carrier ring upward between the rolls, retaining rings on both sides of and concentric with the carrier ring which have gaps to leave clearance for the rolls and which are spaced apart slightly more than the normal distance between the rolls, and notches in the carrier ring each of which holds a workpiece to be passed between the rolls, has its trailing side inclined toward the control roll and is substantially wider than the workpiece, whereby during rotation of the carrier ring the workpiece rests against a retaining ring until it reaches the gap therein and then falls against the control roll.

2,439,226

COPOLYMERS OF FUMARODINITRILE AND ALPHA-SUBSTITUTED STYRENES

Raymond B. Seymour, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware

No Drawing. Application February 3, 1944, Serial No. 520,920

8 Claims. (Cl. 260—78.5)

1. A solid resinous material consisting of the interpolymer of a mixture of 5% to 40% by weight of fumarodinitrile and the remainder consisting of a compound of the group of alpha-substituted styrenes consisting of alpha-methylstyrene, alpha-para-dimethylstyrene and alpha-phenylstyrene.

2,439,227

TERNARY INTERPOLYMERS OF STYRENE, MALEIC ANHYDRIDE, AND ACRYLONITRILE

Raymond B. Seymour and John P. Kispersky, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware

No Drawing. Application December 26, 1944, Serial No. 569,908
11 Claims. (Cl. 260—78.5)

1. A resinous product consisting of interpolymerized styrene, maleic anhydride and acrylonitrile in substantially the proportions: styrene, 45% to 85% by weight; maleic anhydride, 7.5% to 27.5% by weight; and acrylonitrile 7.5% to 27.5% by weight.

2,439,228

DIARYL PARAFFINS AND THEIR PRODUCTION

Murray Gray Sturrock, Thomas Lawe, and Woodrow Ernest Kemp, Montreal, Quebec, Canada, assignors to Dominion Tar & Chemical Company, Limited, Montreal, Quebec, Canada

No Drawing. Application November 14, 1944, Serial No. 563,454
7 Claims. (Cl. 260—668)

4. A process which comprises condensing a hydrocarbon of the benzene series containing at least one hydrocarbon substituent and having at least one hydrogen attached to the benzene nucleus with a saturated aliphatic aldehyde having at least 2 carbon atoms in the presence of hydrogen fluoride, the weight ratio of hydrogen fluoride to the aldehyde being between about 1.4:1 and 5:1.

2,439,229

ROCKY MOUNTAIN SPOTTED FEVER DIAGNOSTIC ANTIGEN AND PREPARATION OF THE SAME

James Vanderscheer, Ridgewood, and Elizabeth H. Hull, Allendale, N. J., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y., a corporation of Maine

No Drawing. Application April 15, 1944, Serial No. 531,288
8 Claims. (Cl. 167—78)

1. An antigen extract capable of differentiating between Rocky Mountain spotted fever and typhus fever which comprises a saline solution of the water-soluble antigen prepared from the yolk sacs of fertile eggs previously infected with Rocky Mountain spotted fever virus by extracting an aqueous suspension of said yolk sacs with ether, removing tissue particles from the aqueous extract, adding sodium sulfate, dissolving the resulting precipitated antigen in formalin-saline solution, and removing the sodium sulfate to produce an antigen diagnostic agent.

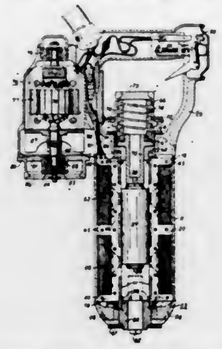
2,439,230

INTERMITTENT CURRENT OPERATED MOTOR

Carl S. Weyandt, Homer City, and Edward J. Missien, Indiana, Pa., assignors to Syntron Company, Homer City, Pa., a corporation of Delaware

Application March 5, 1946, Serial No. 652,074
6 Claims. (Cl. 172—126)

1. An electromagnetic reciprocating motor field comprising a tubular barrel of nonmagnetic material, a plurality of spaced circumferential groups of radially disposed laminated core members secured to the barrel, the core members of the groups being aligned and having pole faces exposed to the interior of the barrel, a pair of parallel bridge members connecting the adjacent ends of the core members to provide a con-



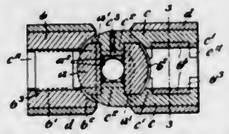
tinuous support therebetween to form a coil base on the core members, a series of annularly disposed grooves formed in the perimetral surface on the core members, insulation material wound around the core members and in the grooves, and a wire coil wound on the insulating material and interlocking with the insulation in the grooves to firmly lock the coil against movement relative to the core members.

2,439,231

UNIVERSAL JOINT COUPLING

Herbert Gurmin Whitehouse, Tipton, England

Application November 4, 1944, Serial No. 561,865
In Great Britain February 18, 1944
1 Claim. (Cl. 64—17)



A universal joint coupling for shafts and the like, comprising a pair of coupling members each having two longitudinal slots on opposite sides thereof and having a central bridge portion, a pair of brackets fitting in the slots of each coupling member to maintain them in longitudinal alignment with the coupling member, a pair of depending flanges integral with each bracket and spanning the bridge portion of each coupling member to prevent longitudinal movement of the brackets relative to the coupling member, a retaining collar holding the brackets in engagement with each coupling member, a longitudinal extension integral with each bracket, and a central member to which the extensions of the two pairs of brackets are trunnioned on two transverse axes.

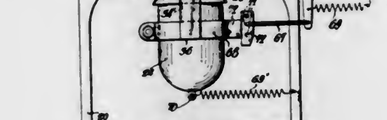
2,439,232

INDUSTRIAL TRUCK AND TRAILER

Thomas P. Wyman, Suffern, and Peter B. Ruppe, Bronxville, N. Y.

Application May 5, 1944, Serial No. 534,198
5 Claims. (Cl. 280—33.1)

1. In a truck and trailer unit, a truck having a platform which can be raised or lowered and a coupling member on the nose of said platform, a trailer having a fifth wheel mechanism inseparably secured thereto and comprising a fixed and a rotatable member, said rotatable member having parallel guides spaced from one another by a distance somewhat greater than the width of the truck platform and a stop member at right angles to said guides, said guides being



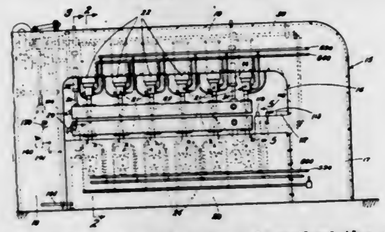
adapted to coact with the sides of the truck platform when the nose of the platform is moved under the fifth wheel mechanism and the rear edge of the platform coacting with said stop thereby automatically orienting said rotatable member to place said stop member and said coupling member in position to engage one another when the truck platform is raised.

2,439,233

SPOT WELDING APPARATUS

Frank B. Yingling, Hamilton, Ohio

Application April 14, 1944, Serial No. 530,991
13 Claims. (Cl. 219—4)



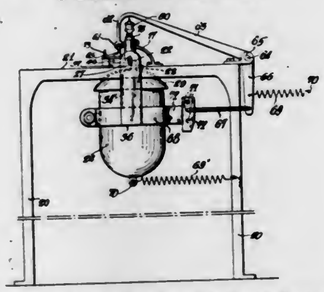
1. In a device of the class described the combination of a spot welding unit comprising opposed electrodes, work cooling clamp plates, means yieldingly mounting said plates for floatingly supporting sheets to be welded within the field of operation of the electrodes, said plates having coinciding apertures for the passage of said electrodes to the work, and means for actuating the electrodes.

2,439,234

APPARATUS FOR CONTOURING METAL

Newby O. Brantly, Mount Holly, N. J., assignor to Kite Aircraft Corporation, Philadelphia, Pa., a corporation of Pennsylvania

Application February 27, 1943, Serial No. 477,401
5 Claims. (Cl. 90—13)



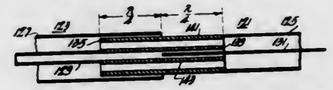
1. In a machine for cutting surfaces to variant contours and at variant angles with adjoining surfaces, a flat table, a tiltable rotary cutting tool having an axis, adapted to cut a profile above the surface of the table, a fixed guide, a profile guide movable with the work over the table surface and engaging the fixed guide to determine the profile and depth of cut in the work, a track carried by the work having variant contour, varying with the intended angle of tilt of the cutting tool and a tilting follower cooperating with the track to tilt the cutting tool axis.

2,439,235

REACTANCE COMPENSATION SYSTEM

George H. Brown, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application February 14, 1945, Serial No. 577,912
8 Claims. (Cl. 178—44)



1. In a radio frequency network including a load of impedance Z_0, in series with an element which exhibits series resonant characteristics to energy of wavelength λ, and has a surge impedance Z_s, a system for compensating the reactance of said element throughout a band of frequencies, comprising a transmission line of length $\lambda/2$ and surge impedance Z_c, connected at one of its ends to said load, and a second element exhibiting series resonant characteristics identical with those of said first-mentioned element, connected in series with the other end of said line, the surge impedance Z_c of said line being such as to satisfy the relation:

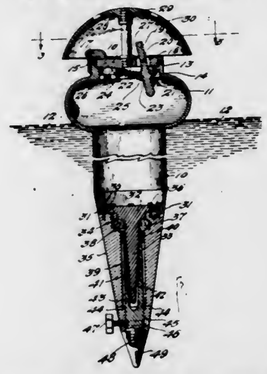
$$\frac{Z_0}{Z_c}=\frac{1+\sqrt{1+4\left(\frac{Z_0}{Z_s}\right)^2}}{2\frac{Z_0}{Z_s}}$$

2,439,236

CARRIER FOR AIRCRAFT DELIVERY

Louis Brown and Leo Lacey, Camp Wood, Tex.

Application January 17, 1946, Serial No. 641,724
13 Claims. (Cl. 244—138)

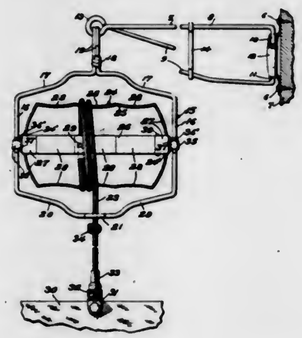


1. A carrier for aircraft delivery including a chamber having an upper buoy portion, a closure for the top of said portion and a canopy mounted on said closure, said closure having releasable means for holding the same closed, and hydraulic cushioning means at the lower end of the body.

2,439,237
PREPARATION OF TETRAHALOGENATED BENZENES AND BENZOIC ACIDS
William E. Cass, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
No Drawing. Application January 15, 1946, Serial No. 641,408
3 Claims. (Cl. 260—650)

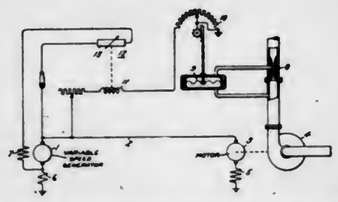
1. A method of preparing 1,2,3,4-tetrachlorobenzene which comprises heating, under superatmospheric pressure at a temperature of from 220° to 280° C., a mixture comprising (1) water, (2) a compound selected from the class consisting of tetrachlorophthalic acid and tetrachlorophthalic anhydride, said anhydride forming the corresponding tetrachlorophthalic acid in the presence of the water, and (3) an inorganic basic material, and thereafter isolating 1,2,3,4-tetrachlorobenzene from the reaction mass.

2,439,238
SAFETY SOAP AND WASHCLOTH HANGER
Leon L. Collins, Savannah, Ga.
Application May 21, 1946, Serial No. 671,365
1 Claim. (Cl. 248—330)



As an article of manufacture, a safety device for supporting soap and bathing articles conveniently located for use in bathing which device comprises, in combination, an open frame of stiff, form-retentive, inherently resilient wire formed to provide a parallel pair of opposite vertical side bars, corresponding intermediate portions of said side bars being flattened, the ends of said wire being joined to form a hook to provide a central balancing means of supporting attachment at its top, said wire being formed to provide a guide eye at its bottom, a horizontal shaft having open-ended longitudinal slots in its opposite end portions, said slotted end portions of the shaft being slidably fitted tightly on said flattened frame side bar portions to be retained from rotation, a reel element comprising a crossed pair of elongated substantially oblong open frames, the crossed opposite transverse end members of said reel frames being apertured in longitudinal alignment and axially of the reel, bearing bushings fitted in said axial end apertures of the reel element and freely rotatable on said shaft, an elongated helical spring surrounding said shaft and with its ends secured to said shaft and said reel respectively, an elongated cord element attached to and wound on said reel element and threaded through said guide eye, a swivel attached to the free end of said cord element, a mesh container attached to said swivel, means for limiting the retraction of said cord by said reel, and a bracket formed by wire bent to provide angularly disposed arms having inturned ends, a support for removably receiving said ends, and a link between said arms and slidable thereon to space them in selected angular relationship to be retained on said support or removed therefrom.

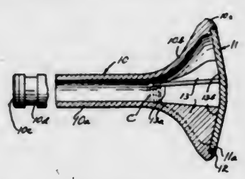
2,439,239
CABIN SUPERCHARGER REGULATOR SYSTEM
Frederick E. Crever, Scotia, N. Y., assignor to General Electric Company, a corporation of New York
Application April 12, 1945, Serial No. 588,007
6 Claims. (Cl. 230—12)



1. In combination, a variable speed electric generator, a motor connected to be energized by said generator, a mechanical load driven by said motor, an automatic rheostatic voltage regulator for maintaining constant output voltage of said generator, and means responsive to a function of the operation of said load for modifying the voltage setting of said generator voltage regulator.

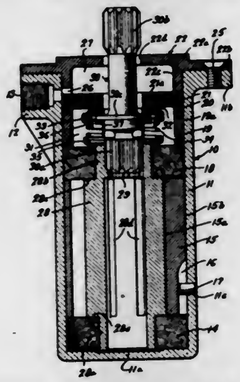
6. In combination, an air craft engine driven generator, a cabin supercharger, a motor energized by said generator and driving said supercharger, an automatic generator voltage regulator having a voltage sensitive operating element, and automatic means responsive to the air flow output of said supercharger for varying the voltage applied to the voltage sensitive element of said regulator so as to maintain substantially constant said air flow output.

2,439,240
BRACED HEAD DOME VALVE
Robert E. Cummings, University Heights, Ohio, assignor to Thompson Products, Inc., Cleveland, Ohio, a corporation of Ohio
Application January 18, 1945, Serial No. 573,445
12 Claims. (Cl. 123—188)



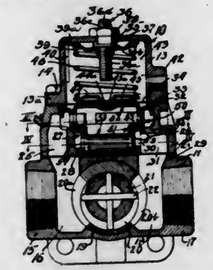
1. A hollow poppet valve which comprises a main body portion having a hollow neck, a plurality of inwardly projecting ribs integral with said neck, and a head dome for said valve bottomed on said ribs and integrally bonded to said neck for closing the open end of the neck portion.

2,439,241
PUMP ASSEMBLY
Russell R. Curtis and Richard L. Gates, Dayton, Ohio, assignors to Curtis Pump Company, Dayton, Ohio, a corporation of Ohio
Application February 6, 1943, Serial No. 474,969
4 Claims. (Cl. 103—136)



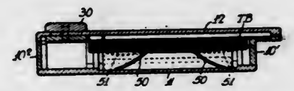
4. A pump comprising a casing, spaced bearings in said casing, pumping means in said casing rotatably supported by said bearings, a drive shaft rockably splined to said pumping means and having a projecting portion, a rotatable sealing ring supported by said projecting portion, a flexible diaphragm extending from said projecting portion to said sealing ring, stationary sealing ring means in sliding sealing engagement with said rotatable sealing ring and slidably fitting on the interior wall of said casing, a spacer ring bottomed on one of said bearings and disposed in said casing between said bearing and said stationary sealing ring means, and a cover removably secured to said casing and having a depending skirt portion extending into the casing in thrusting relation to said stationary sealing ring means to secure said stationary sealing ring means in the casing.

2,439,242
PUMP VALVE CONSTRUCTION
Russell R. Curtis, Dayton, Ohio, assignor to Curtis Pump Company, Dayton, Ohio, a corporation of Ohio
Application March 26, 1943, Serial No. 480,646
9 Claims. (Cl. 137—53)



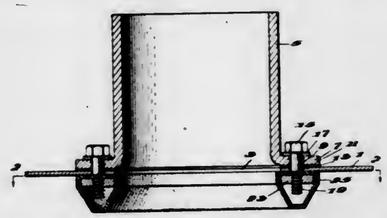
4. A relief and by-pass valve assembly comprising relatively inverted nested cups, the outer of said cups having an internal abutment between the ends thereof, a valve seat bottomed on said abutment, means acting on the inner of said cups to hold the valve seat bottomed on the abutment, a by-pass valve in said outer cup urged against said valve seat, and said outer cup having an external valve face therearound.

2,439,243
BLADE CONTAINER
Godfrey Dalkowitz, Washington, D. C., assignor to American Safety Razor Corporation, Brooklyn, N. Y., a corporation of Virginia
Application March 4, 1943, Serial No. 477,945
11 Claims. (Cl. 206—16)



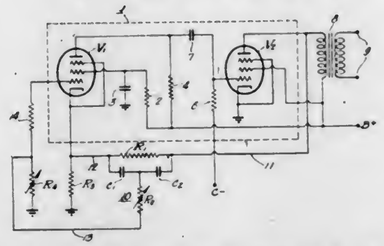
7. A dispensing magazine for longitudinally slotted blades whose slots terminate short of at least one end of the blade to leave that end unslotted, said magazine comprising a blade containing compartment and a passageway opening laterally into said compartment through the front wall thereof to the exterior and through which a blade may be discharged from the compartment with said unslotted end in advance, and means extending into said passageway to engage the unslotted end of the blade when it is moved into the passageway to flex that end until it has passed beyond said means, said means being so dimensioned and located as to engage in the slot of the blade on continued movement thereof and thus guide the blade in its continued movement out of the magazine.

2,439,244
FLUID SEAL FOR FITTINGS
Joseph C. De Weese, Essex, Md., assignor to The Glenn L. Martin Company, Middle River, Md., a corporation of Maryland
Application June 22, 1944, Serial No. 541,567
1 Claim. (Cl. 285—34)



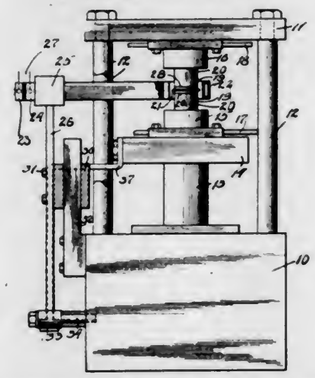
In a fluidtight connection between a bolted pipe fitting and a fluid storage tank, including a plurality of bolts passing through an integral flange on the fitting and apertures in the tank and engaging a cooperating threaded ring member within the tank for drawing the fitting against the outside wall, and the ring member against the inside wall of the tank, the combination therewith of an endless, annular sealing member of rubber-like material surrounding and covering said threaded ring member and the ends of the bolts threaded therethrough, the free edges of said sealing member being clamped between the inner face of said ring member and the inner wall of the fuel tank to shield said ring member and bolt ends from contact with the liquid.

2,439,245
RESISTANCE-CAPACITANCE TYPE OSCILLATOR
James C. Dunn, Philadelphia, Pa., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application June 2, 1945, Serial No. 597,226
11 Claims. (Cl. 250—36)



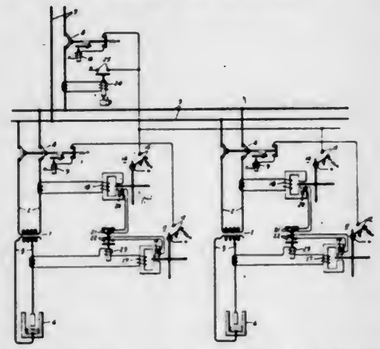
11. An oscillator circuit, comprising a vacuum tube amplifier having at least grid and cathode input electrodes and an output anode, a bridged T network, means including said network for coupling said anode and said cathode in degenerative phase relation, means including said network for coupling said anode and said grid in regenerative phase relation, and means for adjusting a circuit element of said network.

2,439,246
PRESSURE WELDING MACHINE
Emil F. Gibian, Cleveland Heights, Ohio, assignor to Thompson Products, Inc., a corporation of Ohio
Application March 11, 1944, Serial No. 526,076
2 Claims. (Cl. 219-4)



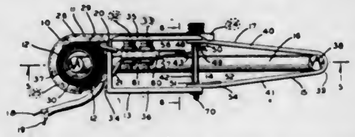
1. A pressure welding machine comprising a base, a top structure supported from said base, a fixed anvil suspended from said top structure above said base, a ram piston slidable in said base toward and away from said fixed anvil, an anvil carried by said piston in axially aligned relation beneath said fixed anvil, said anvils adapted to receive therebetween a stack of metal parts to be welded together, a welding head having an aperture therethrough adapted to receive the stack of parts to be welded, means carrying said head between said anvils, a support on said base slidably mounting said means, a lever pivoted on said base, an arm movable with said piston and movable anvil engaging one portion of said lever to raise and lower the lever in accordance with raising and lowering of the movable anvil, and said means carrying said head engaging another portion of said lever closer to the lever pivot than said one portion to raise and lower the head as the movable anvil is raised and lowered but at a lesser rate than the rate of movement of the movable anvil to maintain said head at constant levels relative to the varying levels of the weld line of said stack of parts.

2,439,247
PROTECTIVE ARRANGEMENT FOR TRANSLATING DEVICES
William N. Gittings, Oakmont, Pa., assignor to General Electric Company, a corporation of New York
Application May 1, 1945, Serial No. 591,275
7 Claims. (Cl. 175—294)



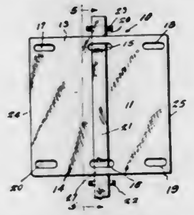
7. In a protective arrangement for a translating device having an input circuit and an output circuit, the combination of means for effecting a predetermined control operation in response to the current in the input circuit exceeding a predetermined value including an overcurrent relay of the shaded pole induction type having an operating winding connected to the input circuit and a normally closed shaded pole winding, and means responsive to the current in the output circuit exceeding a predetermined value for interrupting said normally closed shaded pole winding.

2,439,248
ELECTROMOTOR
Eli E. Gregory, Millington, N. J., assignor, by mesne assignments, to Gregory Motors, Inc., Brooklyn, N. Y., a corporation of New York
Application October 4, 1943, Serial No. 504,846
3 Claims. (Cl. 172—126)



1. A self-starting electro-motor of the reciprocating type having means for connection to a current supply source comprising an electromagnet, an oscillator adapted to be actuated by the electro-magnet when the electro-magnet is energized, an electrical switch including a movable member having a closed position and a normally open position, and a switch actuating member connected to said oscillator and adapted to move the movable switch member to closed position upon movement of said oscillator in one direction and to maintain said movable switch member in the open position upon movement of said oscillator in the opposite direction, said actuator being formed to arrest said oscillator in a position corresponding to the closed switch position when current supply to said electro-magnet is separately interrupted.

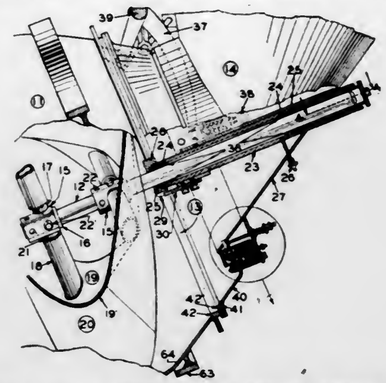
2,439,249
BATH CLOTH
Elle Hickman, Detroit, Mich.
Application January 12, 1946, Serial No. 640,881
1 Claim. (Cl. 15—222)



The combination of a wash cloth and a supporting and operating strap therefor including a substantially rectangular cloth body having oppositely disposed elongated eyes or slots formed through the central portion of said cloth extending in spaced relation and parallel with the ends thereof, said body also having similarly formed oppositely disposed elongated eyes or slots through the ends of its side portions, said cloth body being adapted to be folded inwardly from each side upon said central portion with the eyes or slots in each end of the cloth being aligned with the eyes or slots in said central portion, a supporting and operating strap for said cloth body having loops secured in spaced relation to one surface thereof, said strap being adapted to extend over the top surface of the central portion of the cloth body when folded and adapted to pass through the elongated eyes or slots in the opposite ends thereof, said strap then being bent inwardly over the ends of said central portion of the cloth body to extend inwardly through the overlying aligned elongated eyes or slots in the inwardly folded end portions of said cloth body, and the terminal ends of said strap being directed outwardly to extend through the loops on said strap which will then be disposed at the opposite ends of said folded cloth body.

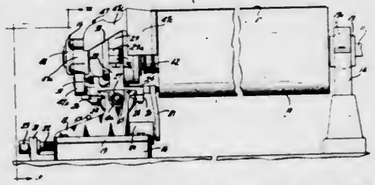
2,439,250
TRANSIT CONCRETE MIXER
Louis G. Hilkemeier, West Allis, Wis., assignor to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin
Application December 27, 1943, Serial No. 515,834
7 Claims. (Cl. 259—161)

1. In a concrete mixer having a rotatable mixing drum provided with an axial opening at one end and a non-rotatable charging hopper arranged to feed material through said opening, a rotary seal disposed between the hopper and the drum comprising a flexible band medially supported so that its edges may flex and a retaining channel rotatable with respect to said band, the web of said channel being concentric with said band and said channel being of width less than the width of said band whereby the edges of the band are flexed into arcuate shape while retained by the flanges of the channel, the tendency of the band to straighten while so



flexed causing pressure to be exerted against the channel by said edges and opposing the passage of material through the seal.

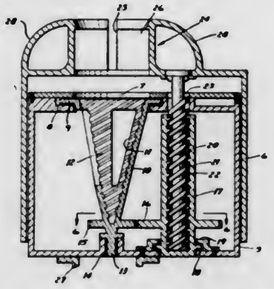
2,439,251
BAND GUIDE
Lloyd Hornbostel, Beloit, Wis., assignor to Beloit Iron Works, Beloit, Wis., a corporation of Wisconsin
Application March 2, 1946, Serial No. 651,578
11 Claims. (Cl. 74—241)



1. A centering device for bands and the like comprising a roll having axles projecting from the ends thereof, a rockably mounted bearing rotatably supporting one axle, a bearing housing receiving the other axle therein, bearings in said housing rotatably mounting said other axle, a convex band area around said housing, a strap embracing said band area in rockable bearing engagement therewith, a slidable carriage carrying said strap, said bearing housing having an axle portion projecting therefrom in axial alignment with the roll axle, a control head having a hub freely rockable on said bearing housing axle and having a tapered collar segment overlying said bearing housing and roll axle adjacent the end of the roll, said control head having a counterweight portion depending from said hub thereof, a tensioned spring connecting the counterweight portion with said carriage to rock the collar segment of the control head in a direction opposite to the direction of rotation of the roll, a fluid pressure cylinder fixedly mounted adjacent said carriage, a piston in said cylinder, a piston rod affixed to said piston and extending from said cylinder to said carriage, means fixedly connecting the piston rod and carriage, a slide valve controlling flow of fluid into opposite ends of said cylinder for simultaneously introducing fluid under pressure into one end of the cylinder while exhausting fluid from the other end of the

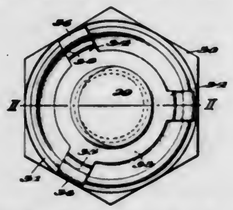
cylinder, and means directly connecting said slide valve with the counterweight portion of said control head whereby rocking of the control head will shift the valve to actuate the piston for shifting the carriage to carry the bearing housing for tilting the roll.

2,439,252
PENCIL SHARPENER
Clayton E. Jordan, Prescott, Ariz.
Application April 18, 1945, Serial No. 588,907
2 Claims. (Cl. 120—85)



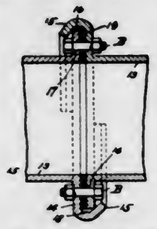
1. A pencil sharpener comprising a pair of telescopically engaged relatively movable members, one of said members embodying means for holding a pencil therein, a cutter rotatably mounted in the other member, and means connected to the cutter and operable by a movement of said members relative to each other to actuate the cutter, the first mentioned member during movement thereof feeding the pencil into the cutter and withdrawing the same therefrom alternately.

2,439,253
SELF-LOCKING NUT
John F. Kendrick, Elizabeth, N. J.
Application October 2, 1943, Serial No. 504,736
15 Claims. (Cl. 151—30)



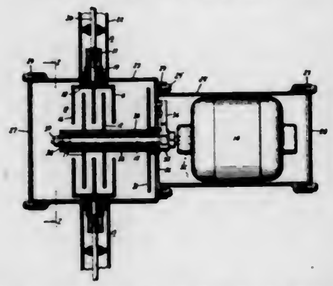
1. A combination for precluding relative rotation between cooperating internally and externally screw-threaded members, comprising said internally and externally threaded members and a thin unthreaded centrally apertured plate, the aperture of which defines a thread-engaging edge possessing a smooth uninterrupted, continuous and relatively inflexible planar form with the diameter of said aperture greater than the minor diameter and less than the major diameter of the threads of the externally threaded member, said plate being nonrotatively attached at its outer perimeter to the internally threaded member, so as to position said aperture in longitudinal registration with and at right angles to the axis of the bore of the internally threaded member, the thickness of the thread-engaging edge being such as will permit it to enter the thread-groove of the externally threaded member, deflecting the thread-engaging edge of said plate, and wedging said plate between the cooperating screw-threaded members, restraining them against relative movement.

2,439,254
JOINT FOR AIR DUCTS AND THE LIKE
Joseph H. Levin, Brooklyn, N. Y.
Application June 19, 1944, Serial No. 540,902
1 Claim. (Cl. 285—143)



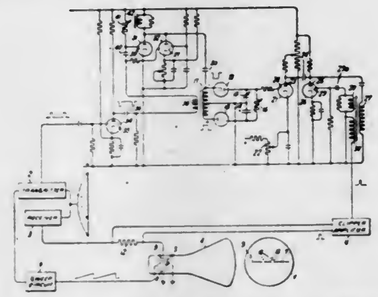
A pipe joint including opposed pipe sections to be joined, a flange on one end of each section, said flange being extended continuously around said section, a lip extending from and lapping each of the flanges, each lip being extended along its flange for a distance less than one half of the circumference of the flange, each lip being inclined relative to its flange and cooperating therewith to provide a channel tapered in depth and extending throughout the length of the lip, the channel on each flange being proportioned to receive a portion of the opposed flange and said lip and the flange therein cooperating to draw the flanges together under the weight of the connected pipe sections, a packing material interposed between the flanges and extending through the channels, and means for holding the flanges and the packing material together.

2,439,255
CAPACITOR SWITCH
Richard C. Longfellow, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application September 9, 1942, Serial No. 457,776
8 Claims. (Cl. 178—44)



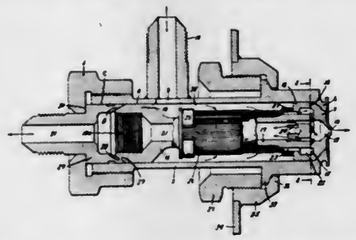
1. In combination, a capacitance device having a conducting shaft, a rotating electrode supported by said shaft and separated therefrom by insulating means, said electrode being subjected to electromotive force relative to said shaft of short wave length, and a conductor extending along said shaft conductively connected to said electrode but insulated along its length from said shaft to form a transmission line, said line having a length equal to a quarter of a wave length, or multiple thereof, of said electromotive force, and the impedance across one end of said line being such relative to the length of the line as to reduce the flow of current in said shaft produced by reason of said electromotive force.

2,439,256
TIMING CIRCUIT
Harold W. Lord, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application February 21, 1944, Serial No. 523,282
9 Claims. (Cl. 343—5)



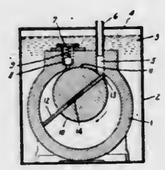
2. In radio locating equipment, means for transmitting pulses at the desired repetition rate, a pair of condensers, one of which is large compared to the other, a discharge circuit connecting the condensers in series, a transformer connected across the condensers to charge the same with like polarities about said discharge circuit, means responsive to pulse transmission for interrupting the charging of said condensers, means responsive to the voltage on the smaller condenser and operative when said voltage changes sign to initiate a timing impulse, a timing circuit triggered by said transmitted pulse for re-establishing the charging of said condensers after a delay greater than the timing impulse but less than the succeeding transmitted pulse.

2,439,257
FUEL ATOMIZING NOZZLE
Walter O. Lum, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application March 15, 1944, Serial No. 526,583
2 Claims. (Cl. 285—96.3)



1. In a casing arrangement for a device of the type described, the combination of an outer casing member with a cylindrical bore opening through one end thereof and having a portion defining a surface projecting inwardly into the bore at a location remote from said end, an inner cylindrical casing member disposed within the bore and spaced therefrom to define therewith a first fluid flow passage, fluid conduit means connected to said passage, the inner casing member having associated therewith an end member engaging said inwardly projecting surface, a longitudinal bore opening through the end of the inner casing member adjacent the open end of said first bore and forming part of a second fluid flow path, and a portion adjacent said open bore end with a cylindrical outer surface slidably engaging the inner surface of the first-mentioned bore, said portion having also a conical end surface with its smallest portion nearer the end of the inner casing member, said conical portion being within the bore and axially spaced from the open end of said first bore, a cylindrical sealing member disposed within the open end of the first bore and having an outer surface slidably engaging the inner surface of the bore and an annular end portion with a conical end surface adapted to surround and sealingly engage the conical end surface of the inner casing member, and clamping means associated with the outer casing for forcing the sealing cylinder member axially against the end of the inner casing member, whereby said conical surfaces are forced into tight sealing engagement to prevent fluid leakage between said first and second flow paths and the annular end portion of the sealing cylinder is caused to expand into tight sealing engagement with the inner surface of the first bore to prevent fluid leakage from both fluid paths to the exterior of the outer casing.

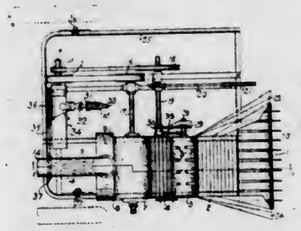
2,439,258
VACUUM PUMP
Marcel Matricon, Paris, France, assignor to General Electric Company, a corporation of New York
Application December 19, 1946, Serial No. 717,274
In France December 5, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires December 5, 1962
4 Claims. (Cl. 230—205)



1. A pump for gaseous fluids comprising a closed cylindrical pump chamber including a cylindrical wall and end plates constituting end walls, inlet and outlet ports positioned at different points on the periphery of said cylindrical wall, a cylindrical rotor of diameter less than that of said cylindrical wall tangentially engaging the said cylindrical wall between said ports and having a journal in one of said end plates, resilient blades on said rotor for pumping gaseous fluid from said inlet to said outlet port, and means within said journal and said one of said end plates for cyclicly injecting a quantity of oil into said chamber, said last mentioned means comprising a first duct within said one of said end plates having an externally accessible opening and terminating in an opening juxtaposed to said journal, a second duct having an opening

into said chamber and terminating in an opening juxtaposed to said journal, and a duct within said journal alignable with said first and second ducts at predetermined angular positions of said rotor.

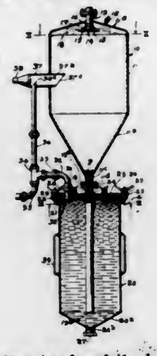
2,439,259
FIELD PICKUP HAY CHOPPER
Arden J. McCormack, Portland, Mich.
Application January 17, 1944, Serial No. 518,628
1 Claim. (Cl. 55—118)



In a field pick up and hay chopper adapted to be carried below a tractor, in combination, a power take off arranged to be connected with and to receive power from said tractor, a main shaft driven by said power take off, a blower provided with an upstanding discharge pipe, said blower having driving devices and pulley and belt connections arranged to be driven by said main shaft to operate the said blower, a hay chopper arranged next to the blower and opening into the blower, a chopper shaft, said chopper shaft and main shaft having pulley and belt devices whereby the said chopper shaft is driven, an upper compression roll constructed with a plurality of longitudinally extending channel irons as described, a lower compression roll, a compression roll shaft, said upper and lower compression rolls being constructed and arranged to direct hay into the said chopper, a feeder roll having retractile pins constructed to engage the hay and move same to said compression rolls, a feeder roll shaft, gearing whereby the feeder roll shaft is revolved by said compression roll shaft, rotary pick up devices, a conveyor arranged to receive hay from said pick up devices and move the hay to said feeder roll, pulley and belt connections with said feeder roll shaft constructed to operate said pick up and conveyor, and a frame constructed to support said blower, chopper, compression rolls, pick up devices and conveyor in position.

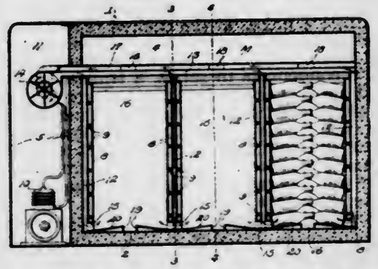
2,439,260
APPARATUS FOR HEATING SENSITIVE MATERIALS
Reginald E. Meade and John F. Crews, Appleton, Wis., assignors to Western Condensing Company, San Francisco, Calif., a corporation of California
Application July 26, 1944, Serial No. 546,706
4 Claims. (Cl. 261—8)

1. A contact heater comprising a container having a top wall, a depending side wall, a converging bottom, a liquids inlet and a steam inlet, a drain pipe associated with the convergent end of the bottom of the container, a holding tank enveloping said drain pipe receiving heated liquid collected therein from the container, said drain pipe terminating adjacent the bottom of the holding tank, an outlet associated with the top of the holding tank for removing liquid therefrom, and means venting said outlet to the interior of the container to prevent siphoning of liquid out of the holding tank and formation of a vapor trap



at the top of the tank while holding pressure in the tank.

2,439,261
FORCED AIR CIRCULATION COOLER FOR BOTTLED BEVERAGES
Clarence F. Munshower, Columbus, Ohio, assignor to Colbar, Inc., Columbus, Ohio, a corporation of Ohio
Application May 18, 1946, Serial No. 670,746
5 Claims. (Cl. 62—102)

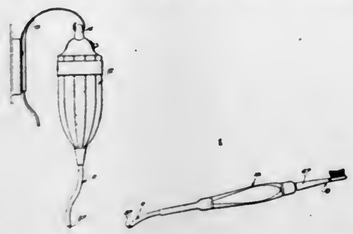


1. A cooler for bottled beverages comprising a cabinet, a plurality of vertically arranged relatively spaced refrigerating panels stationarily mounted in said cabinet, said panels being relatively spaced to form air passages, a duct for delivering air to each of said passages for downward circulation therethrough and upward circulation across bottles arranged in contact with said panels, a return duct for air travel, and motor actuated means for effecting forced travel of air through said ducts and passages.

2,439,262
POWER-OPERATED MECHANISM
John R. Nalbach, Oak Park, and William F. Gresham, Chicago, Ill.
Application October 26, 1944, Serial No. 560,466
7 Claims. (Cl. 74—48)

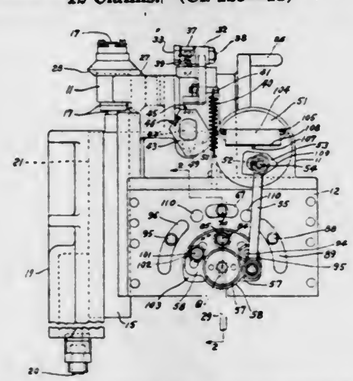
1. A hand manipulable device comprising a tubular casing, a bushing within said casing having an axial passage for a rotatable shaft and having a pair of end members provided with parallel spaced-apart guiding walls, a rotatable shaft in said passage provided with an eccentric rotatable in the space between said guiding walls, an oscillatable bearing in said casing, and a rockable arm in said bearing and having a working end extending to the exterior of said casing

at one end of the latter and having a head at the other end disposed in the space between said guiding walls, said head having parallel walls arranged for sliding contact with said guiding walls



of said bushing and having a transverse slot normal to the planes of said guiding walls and receiving said eccentric whereby rotation of the latter effects guided rocking movement of said arm about the axis of said oscillatable bearing.

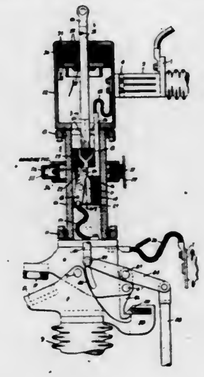
2,439,263
GRINDING WHEEL DRESSER
Ernest A. Overstedt, Detroit, Mich., assignor to Loucila May Dalzen, William Russel Dalzen, and Frederick Roy Dalzen, trustees, Dalzen Trust, Detroit, Mich.
Application August 9, 1944, Serial No. 548,701
12 Claims. (Cl. 125—11)



1. A grinding wheel dresser comprising a housing, a plurality of separately mounted diamond supporting means pivoted thereon, each adapted to sweeping dressing movements relative to one of the peripheral edges of said grinding wheel, a reciprocable disc on said housing universally joined to each of said supporting means for effecting alternate clockwise pivotal movements thereof and reversed alternate counter-clockwise pivotal movements thereof, and reciprocal means pivotally joined to said disc.

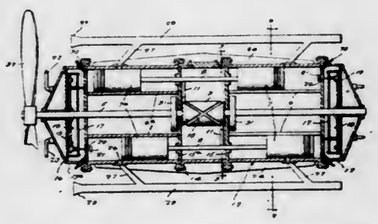
2,439,264
ELECTRIC SWITCH
William E. Paul, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application June 7, 1945, Serial No. 598,041
9 Claims. (Cl. 200—146)

1. An electric switch comprising a pair of relatively fixed terminals, a current-carrying contact structure arranged electrically to bridge said terminals, an arc extinguishing unit disposed in said current-carrying contact structure comprising a piston and a pair of relatively movable contacts mounted within and supported by said piston, means for causing movement of said piston, a fluid arranged so as to be forced between said



contacts to cause relative separation thereof and interrupt the current flowing therethrough in response to movement of said piston, and means for moving said current-carrying contact structure from between said terminals while said contacts are in the open position and said fluid is flowing therebetween.

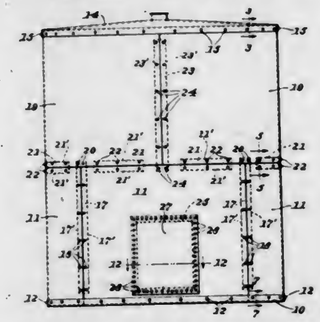
2,439,265
INTERNAL-COMBUSTION ENGINE
William M. Schroeder, Waukegan, Ill.
Application May 22, 1944, Serial No. 536,770
1 Claim. (Cl. 123—58)



In an internal combustion engine having a rotatable shaft, a plurality of cylinders arranged with their axes parallel to said shaft and grouped around said shaft, pistons reciprocable in said cylinders, and means interconnecting said pistons and said shafts for effecting rotation of said shaft upon reciprocation of said pistons in said cylinders, the combination of a hollow cylinder head for said cylinders forming a fuel and air mixing chamber therefor, a group of poppet valves cooperating with said head for controlling the flow of combustible mixture to said cylinders from said chamber, said valves having stems arranged with their axes parallel with and about the axis of said shaft, and a cam fixed for rotation with said shaft and having a cam face thereof disposed normal to the axes of said stems and operatively engaging the same, a hollow casing rigidly mounted in and spaced from the

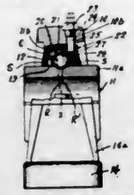
walls of said head, said cam being arranged within said casing, and the stems of said poppet valves projecting into the casing.

2,439,266
METHOD OF FABRICATING TANKS
Samuel B. Settle, Parkersburg, W. Va., assignor to Casper A. Ruf, Parkersburg, W. Va.
Application December 16, 1943, Serial No. 514,550
3 Claims. (Cl. 29—148.2)



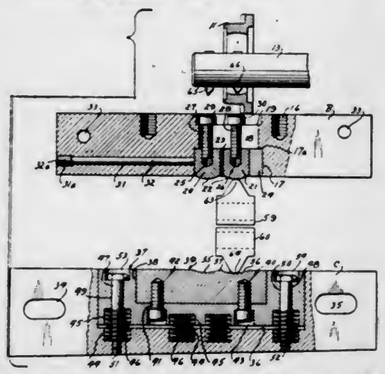
1. The method of fabricating and erecting cylindrical tanks of metal which are large enough to require multiple tiers of side plates separated by a horizontal tank seam, which comprises shop forming a circular base with an upstanding perimeter flange with spaced bolt holes therein, shop forming a plurality of metal side plates for the tank of rectangular outline with bolt openings similarly spaced along the edges thereof, each of said plates consisting of a single sheet of metal, shop bending said plates along one dimension to the curvature of the perimeter flange of said base, shop forming vertical and horizontal sets of temporary edge connecting templets with bolt holes therein equally spaced with the holes in said plates, the templets of the vertical set being longitudinally straight and those of the horizontal set being longitudinally conformed to the bend of said plates, and field erecting the parts previously mentioned by temporarily bolting said plates of a lower tier to said perimeter flange with their adjacent vertical vertical edges in abutting relation, temporarily bolting the longitudinally straight templets to each abutting edge in seam-lapping relation along and within the vertical butt joints thus formed, with the upper ends of these templets protruding above the horizontal tank seam, positioning an upper tier of plates with bottom edges abutting the upper edges of those of the lower tier and with their adjacent vertical edges in staggered relation with respect to the vertical seams of the lower tier, positioning the horizontal templets in inside seam lapping relation along the horizontal seam and disposed in spaced relation between adjacent vertical seams of the lower and upper tiers, temporarily bolting together the horizontal edges of adjacent plates of the upper and lower tiers with said horizontal templets, similarly bolting the abutting vertical edges of the upper tier plates to one another with the vertical templets whose lower ends extend below the horizontal tank seam, aligning the abutting edges of said plates in proper welding relation by adjustment of said bolts, and then welding all adjacent plates to one another and to the base from outside the tank thus formed, and removing the templets and bolts and welding closed the remaining bolt holes.

2,439,267
RESILIENTLY MOUNTED BEARING
Julius E. Shafer, Chicago, Ill.
Application February 23, 1945, Serial No. 579,349
7 Claims. (Cl. 308—184)



1. The combination with a bearing unit having a convex transversely arcuate outer wall and a housing having a concave transversely arcuate inner wall surrounding the outer wall of the bearing unit and struck from a radius having the same center as said outer wall of the bearing unit, of a resilient bushing between said walls, said bushing, in its free state being narrower than said walls and having a crowned outer wall of shorter radius than the radius of said inner wall of the housing, and said bushing being preloaded into conformity with said outer wall of the bearing and said inner wall of the housing to mount the bearing unit for tilting movement about said center.

2,439,268
FLOATING PRESSURE CAM
Julius E. Shafer, Chicago, Ill.
Application August 6, 1945, Serial No. 609,140
4 Claims. (Cl. 77—3)

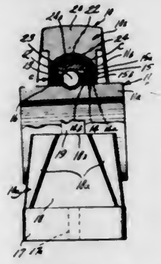


1. In combination with a profile turning lathe having a rocking carriage, a first cam mounted on the lathe alongside the path of movement of the carriage for controlling rocking of the carriage, a first cam follower carried by the carriage and riding on said first cam, a second cam follower carried by the carriage, and a resiliently mounted follower cam having a shape complementing the shape of the first cam and coacting with said second cam follower to maintain accurate riding contact between the first follower and first cam.

2,439,269
BEARING MOUNTING
Julius E. Shafer, Chicago, Ill.
Application December 29, 1945, Serial No. 638,119
6 Claims. (Cl. 308—184)

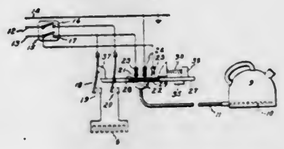
1. A tiltable bearing mounting for resiliently carrying a bearing unit in locked position while

providing for quiet operation of the bearing which comprises a housing having opposed apertured end faces and a concave transversely arcuate wall providing a relatively deep pocket between the apertured end faces, a bearing unit having an outer race ring with a convex transversely arcuate outer wall of flatter contour than said pocket, the major diameter of said outer wall of the bearing being greater than the diameter of the apertures in the end faces of the housing but materially less than the diameter of the housing wall between said apertures, a bushing ring of non-compressible resilient flowable material disposed



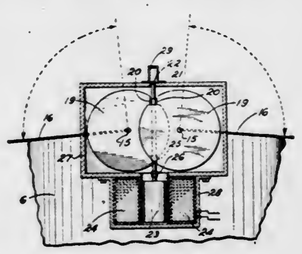
between said concave wall of the housing and said convex wall of the bearing in full seating conformity therewith, said bushing ring in its unloaded condition having relatively thick end faces inwardly of said apertures in the housing, said concave wall of the housing and said convex wall of the bearing converging toward said apertures of the housing to provide spaces adjacent said thick end faces of the bushing ring, and means on said housing for compressively loading said bushing ring to laterally expand the ring by bowing said thick end faces of the bushing ring into said spaces to thereby lock the bearing in adjusted position in the housing.

2,439,270
HEATING SYSTEM
John C. Sharp, Glen Ellyn, Ill., assignor to Hotpoint Inc., a corporation of New York
Application February 28, 1946, Serial No. 650,823
4 Claims. (Cl. 219—20)



2. An electric range comprising an oven, an oven heating circuit therefor, an electrical supply circuit, a time element switch connected between said supply and oven heating circuits for controlling and timing the periods of energization of said oven, said range having an additional heating element separate from said oven heating element and an additional heating circuit therefor, and means controlling the energization of said additional and said oven heating circuits comprising a twin plug connected to said additional heating circuit and a socket element therefor having three terminal elements constructed and arranged so that said plug may be placed in contact with the first and second and the second and third of said elements respectively, and said three terminal elements being connected to said supply circuit and time element switch so that when said plug is connected to said first and second elements said additional circuit is connected to said supply circuit through said time element switch and may be controlled thereby in accordance with a time interval, and when connected to said second and third terminal elements said additional circuit is connected to said supply circuit independently of said time element switch, a movable panel positioned over and slidable with reference to said socket elements and provided with aperture means positioned so that when said panel is in one position said plug can be inserted only in said first and second terminal elements and when in a second position can be inserted only in said second and third terminal elements, and auxiliary switch means controlling said oven heating circuit operated by said panel so that said switch means closes the oven heating circuit to said time element switch only when said panel is in said second position.

2,439,271
VENTILATOR
James B. Shaver, University Heights, Ohio
Application May 14, 1942, Serial No. 442,879
2 Claims. (Cl. 98—43)

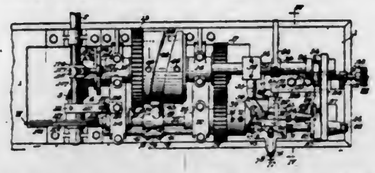


1. A ventilator comprising a tubular casing extending substantially vertically, a motor driven blower therein arranged to discharge upwardly, a closure pivoted to said casing and overlying the upper end thereof, a stop limiting the upward motion of the closure so that its center of gravity cannot reach a position above the axis of the pivot, locking means associated with the closure and arranged to lock the closure in its lowermost position, said locking means comprising a disc fixed with relation to the closure and having a notch, a locking bolt movable into and out of the notch, and electro-magnetic means associated with the bolt and energizing concurrently with the motor of said blower.

2,439,272
MACHINE FOR MAKING WIRE STRAPS
John Sholtis, Jr., Farrell, Pa., and Harold K. Embree, Hamilton, Ontario, Canada, assignors to Griplock, Inc., Hoboken, N. J., a corporation of Delaware
Application March 8, 1945, Serial No. 581,688
22 Claims. (Cl. 140—71)

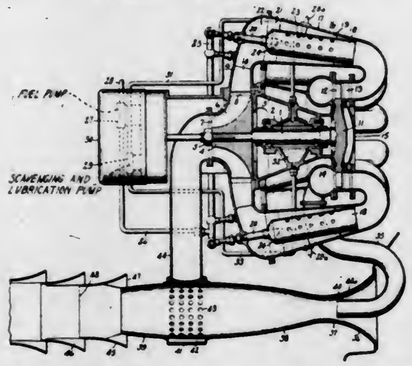
1. In a machine of the character described, a source of wire supply, means for feeding wire therefrom, means for bending the end of the wire at an angle to the remainder thereof, rotary means for coiling the end of the wire backwardly around the wire as the latter is fed forwardly, and means for varying the relative forward speed of the feeding means and rotary speed of

the coiling means in order to vary the spacing of the coils with respect to each other and their



angularity with respect to the wire around which they are coiled.

2,439,273
TURBO-JET ENGINE FOR AIRCRAFT PROPULSION
Austin G. Silvester, Danvers, Mass., assignor to General Electric Company, a corporation of New York
Application March 20, 1944, Serial No. 527,159
1 Claim. (Cl. 60—35.6)



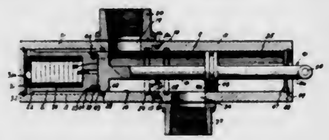
In a gas turbine powerplant for the jet propulsion of aircraft, the combination of a turbo-compressor including a compressor impeller and a turbine rotor mounted on a common shaft arranged substantially parallel to the direction of flight with the turbine rotor at the forward end thereof, a combustion chamber arranged substantially axially of the turbo-compressor and adapted at its rearward portion to receive fluid from the compressor and to deliver hot gases to the turbine rotor from the forward end thereof, and a thermal jet pump actuated by the hot gases discharged from the turbine, said jet pump including an elongated housing of circular cross-section having a flared air inlet portion open to the atmosphere and facing forward in the direction of flight, said housing also defining a constricted throat portion, an expanding diffusing portion and a rearwardly directed propulsion nozzle in series flow relation with the air inlet portion, nozzle means supported in said constricted throat portion and directed rearwardly, conduit means for conducting gases discharged from the turbine to said nozzle means, said jet pump housing having a perforated portion in the high pressure region intermediate the diffusing portion and the propulsion nozzle, and conduit means surrounding said perforated portion and adapted to conduct fluid from said high pressure region to the inlet of said compressor impeller, whereby the jet pump provides a first stage of compression in series with the compressor and also forms a main propulsion nozzle.

2,439,274
WRIST BAND OR STRAP FOR WATCHES
Theodore Spector, New York, N. Y.
Application September 13, 1947, Serial No. 773,867
4 Claims. (Cl. 224—4)



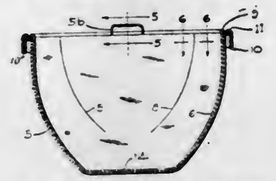
1. A wrist watch strap comprising an elongated strap member having a buckle at one end, and a tongue formed with apertures in its opposite end, said strap member being formed between the buckle and tongue with a pair of parallel spaced transverse slits defining slitted portions and with a pair of holes more remote from each other than said slits, each of said holes being adjacent a slit, studs having shanks passing through said holes, each stud having a head at each of its opposite ends, a combination with a pair of strips having openings in their opposite ends, each strip passing through one slit and having one of its ends anchored to one of said studs, each strip being folded upon itself to define a loop and having its opposite end removably engaging said stud, said strip ends engaging opposite sides of a slitted portion of said strap, in further combination with a second strap stitched to said first named strap and over-lying the stud heads adjacent the wearer's wrist.

2,439,275
PISTON TYPE QUICK DISCONNECT COUPLING
Donald R. Spotz, Cleveland, Ohio, assignor to Thompson Products, Inc., Cleveland, Ohio, a corporation of Ohio
Application March 9, 1946, Serial No. 653,312
11 Claims. (Cl. 284—17)



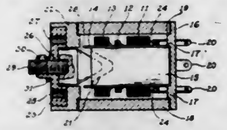
1. A self-sealing quick disconnect coupling comprising a pair of casings having mating faces and aligned bores, said casings having ports communicating with said bores, a spring-pressed piston slidably mounted in one casing and adapted to cover the port of said one casing, an actuator piston slidably mounted for movement in the bores of both casings, said actuator piston having opposed piston heads defining a flow chamber therebetween in said bores, means for sliding said actuator piston to move the flow chamber from a position completely within one casing for closing the port of said casing to a position partly in both casings for joining the ports of both casings in fluid flow communication through said chamber, said actuator piston having means engaging said spring-pressed piston to move the spring-pressed piston out of sealing relation with the port of said one casing whenever the flow chamber provided by said actuator piston is moved into said one casing, and means actuated by shifting movement of the actuator piston for securing the casings together in coupled relation whenever the flow chamber is partially disposed in both casings and for permitting separation of the casings whenever the flow chamber is disposed completely in one casing.

2,439,276
BASKET LINER
Hazel L. Thiele, St. Louis, Mo.
Application April 27, 1944, Serial No. 532,926
2 Claims. (Cl. 217—3)



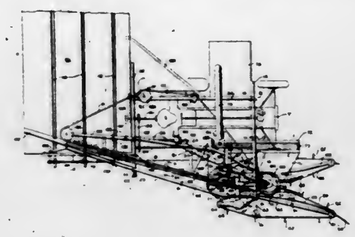
1. A liner for the inside of baskets, said liner comprising a blank of flexible material having generally acute-angular cut-outs located at spaced intervals about its perimeter with the apices of the cut-outs directed centrally of the blank but being substantially spaced from the center of the blank and with the margins of the cut-outs stitched together to close said cut-outs, said liner having its perimeteral margins turned outwardly and downwardly to form a peripheral hem therearound and a reinforcing strip of flexible material having its upper margin turned inwardly and downwardly to form a hem exteriorly encircling the out-turned hem of the liner, said hems being stitched to each other and to said liner but the stitching between the hems being left unstitched at perimeterally-spaced intervals to provide openings for the passage of the handles of a basket.

2,439,277
HIGH-FREQUENCY COIL
Howard Walker, Baltimore County, Md., assignor to Bendix Aviation Corporation, New York, N. Y., a corporation of Delaware
Application January 15, 1944, Serial No. 518,438
5 Claims. (Cl. 171—119)



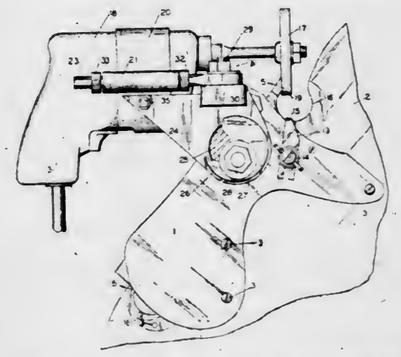
5. In induction apparatus, a tubular shell of magnetic material, a cylindrical coil of wire coaxially located within said shell, a substantially non-conductive disc including magnetic material abutting one end of said shell and having embedded therein in radially disposed fashion about the center thereof a plurality of conductive terminals extending completely through and in electrical contact with said disc, lead wires connecting said coils with said terminals, a cylindrical core of magnetic material coaxially disposed within said coil abutting said disc at one and terminating in the form of a figure of revolution at the other end thereof, the axis of symmetry of said figure coinciding with the axis of symmetry of said core, a second disc of magnetic material engaging the other end of said shell, a mounting member having three linearly spaced threaded apertures embedded in said second disc, one of said apertures lying on the axis of said shell, and a magnetic member in the form of a figure of revolution complementary to said first mentioned figure of revolution supported on a screw engaging said one of said threaded apertures, the axis of the figure of revolution of said magnetic member coinciding with the axis of said screw.

2,439,278
HARVESTER-LOADER
Allan R. Wurtele, Mix, La.
Application February 25, 1942, Serial No. 432,203
16 Claims. (Cl. 56—17)



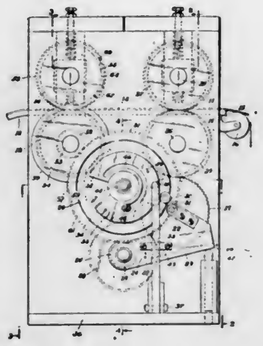
1. A harvester for cane plants or the like having means for propelling the same through a field, power driven cutting means mounted on the forward part of the harvester for cutting the tops off said plants while the latter are standing in the field, said cutting means comprising a disc-cutter rotatable about a substantially vertical axis, and means for adjusting the vertical position of said cutter above the ground independently of the remainder of the harvester.

2,439,279
SAW-TOOTH SHARPENER
Bert R. Andrus, Eugene, Oreg.
Application February 11, 1946, Serial No. 646,776
3 Claims. (Cl. 76—37)



1. A saw sharpener, including a frame to overlie one side of the saw, a guide to overlie the edge of the saw to position the frame, means for clamping the frame and guide to the saw, a tooth engaging element to overlie the edge of a tooth of the saw to position the frame relative to the saw teeth, a saw tooth grinding element to operate on a saw tooth, means on the frame for positioning the grinding element relative to the saw tooth to be operated on in the plane of the saw, and means carried by said frame for adjusting the grinding element to any angle relative to the plane of the saw, said means including a plate member secured to the frame and extending beyond the saw, a clamp for the grinding element, a sleeve carried by the clamp, and a rod rotatably connected to the plate member and rotatably mounted in the sleeve.

2,439,280
MACHINE FOR MAKING BELTS AND STRAPS
Maurice M. Balsam and Henry M. Balsam, New York, N. Y., assignors to M. M. Balsam, Inc., New York, N. Y.
Application October 19, 1946, Serial No. 704,332
17 Claims. (Cl. 164—16)



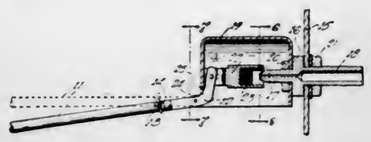
1. A machine for making belts from a strip of flexible material comprising in combination rotatable cutting means adapted to cut said strip of flexible material; rotatable transporting means adapted to transport said strip of flexible material to said rotatable cutting means; continuously rotating driving means for driving said rotatable cutting means and said rotatable transporting means; first motion transmitting means driven by said continuously rotating driving means and driving said rotatable transporting means during consecutive transportation periods interrupted by periods of stand-still of said rotatable transporting means; and second motion transmitting means driven by said continuously rotating driving means and intermittently driving said rotatable cutting means during consecutive cutting periods interrupted by periods of stand-still of said rotatable cutting means.

2,439,281
FLASHLESS PROPELLANT POWDER COMPOSITION
George Barsky, New York, N. Y., assignor to E. F. Drew & Co., Inc., a corporation of Delaware
No Drawing. Application March 7, 1942, Serial No. 433,717
7 Claims. (Cl. 52—5)

1. A propellant powder comprising an explosive consisting essentially of nitrocellulose having incorporated therein a minor amount of a composition which is the substantially neutral ester of a glycol taken from the class consisting of ethylene and propylene glycols with an acid taken from the class consisting of caprylic, capric and lauric acids.

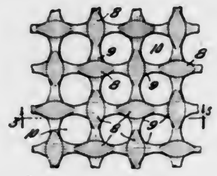
2,439,282
FLOAT VALVE
Thomas G. Beckett, Dallas, Tex.
Application April 10, 1944, Serial No. 530,265
1 Claim. (Cl. 137—104)

In a float valve, the combination comprising a body composed of a single piece of stock having an axial passage therethrough and shaped to define a threaded shank at one end and a partially threaded nipple at the other end with a boss intermediate the ends of said body, a hollow plunger bifurcated at one end and telescopically supported by said nipple for longitudinal displacement, a valve seat in said plunger engageable with said nipple to close the passage, a hood closed except at its bottom and supported on the threaded portion of said nipple to overlie said partially threaded nipple and plunger and



forming a movement limiting means for said plunger, said hood having a slot in one end, a substantially L-shaped member pivoted in the slot of said hood and at one end to the bifurcated end of said plunger and operative to move said plunger, a float carrying arm connected to the opposite end of said L-shaped member, and means for adjusting said arm at its connection with said L-shaped member.

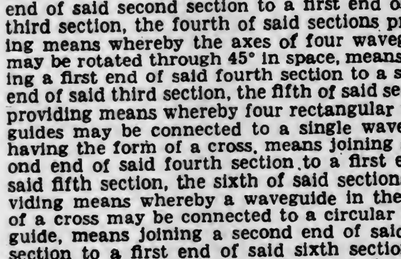
2,439,283
BROILER GRILL
Irving K. Bennett, Baldwin, N. Y.
Application April 9, 1945, Serial No. 587,348
1 Claim. (Cl. 99—450)



A broiler grill comprising a heavily calendered, fine mesh, woven wire screen of substantially the same thickness throughout, that is, approximately equal to the diameter of the wire and substantially flat and smooth on both sides and composed of wires crossed at right angles and laterally spread at the points of crossing at both faces of the grill in flat ovoidal pads disposed at right angles to each other at the opposite faces of the grill at such points of crossing and forming smooth, flat, extended food supporting surfaces of materially greater extent than the diameter of the wire to support soft food and form smooth, sliding surfaces for any sharp edged implement used in lifting the food from the grill.

2,439,284
LOCOMOTIVE ECCENTRIC CRANKPIN BEARING
Tracy V. Buckwalter, Massillon, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
Application August 24, 1944, Serial No. 550,963
9 Claims. (Cl. 308—207)

1. A locomotive eccentric crank pin bearing comprising an eccentric crank having an eccentric cylindrical crank pin rigid therewith, an eccentric rod having an eye surrounding said pin, an internally cylindrical sleeve press-fitted on said pin, and a rotary anti-friction bearing interposed between said eye and sleeve, the cooperating cylindrical surfaces of said pin and sleeve

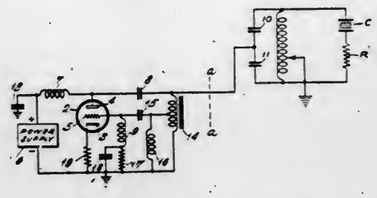


having outermost portions of smaller diameter than their innermost portions.

2,439,285
WAVE GUIDE MODE TRANSFORMER
Roger E. Clapp, East Cambridge, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War
Application August 1, 1945, Serial No. 608,316
5 Claims. (Cl. 178—44)

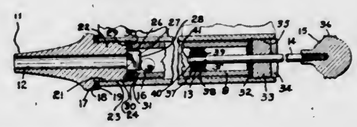
4. In a waveguide transmission system including a rectangular waveguide and a circular wave guide, a mode transformer comprising at least six transition sections, the first of said sections providing means whereby one rectangular waveguide may be connected to two similar waveguides, means joining a first end of said first section to said rectangular waveguide, the second of said sections providing means whereby the axis of two rectangular waveguides may be rotated 90° in space, means joining a first end of said second section to the second end of said first section, the third of said sections providing means whereby two rectangular waveguides may be connected to four similar wave guides, means joining a second end of said second section to a first end of said third section, the fourth of said sections providing means whereby the axes of four waveguides may be rotated through 45° in space, means joining a first end of said fourth section to a second end of said third section, the fifth of said sections providing means whereby four rectangular waveguides may be connected to a single waveguide having the form of a cross, means joining a second end of said fourth section to a first end of said fifth section, the sixth of said sections providing means whereby a waveguide in the form of a cross may be connected to a circular waveguide, means joining a second end of said fifth section to a first end of said sixth section and means joining a second end of said sixth section to said circular waveguide whereby eletromagnetic energy may be transformed from the $TE_{0,1}$ mode in the rectangular guide to the $TE_{0,1}$ mode in the circular guide without exciting the dominant mode in said circular guide.

2,439,286
OSCILLATION GENERATOR
David Rogers Crosby, Haddonfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application February 16, 1944, Serial No. 522,589
9 Claims. (Cl. 250—36)



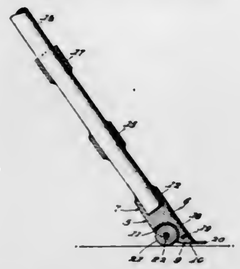
1. An oscillation generator comprising a discharge tube having a cathode, an anode and a control grid, a power supply source of polarizing voltage connected in series with a choke between the cathode and the anode, a resonant circuit having one terminal coupled to the junction between said anode and said choke, the other terminal of said resonant circuit being connected to the cathode, an input circuit connected between the cathode and control grid, means including an iron core transformer and a grid phasing coil in circuit therewith for applying suitably phased feedback potentials to said input circuit from said resonant circuit, and means for avoiding the flow of direct current to said anode through said resonant circuit, to thereby cause oscillation over a wide range of loading conditions.

2,439,287
VISCOSITY INSTRUMENT
Louis C. Eitzen, New York, N. Y.
Application March 8, 1944, Serial No. 525,493
8 Claims. (Cl. 73—57)



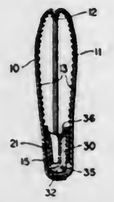
1. A viscosimeter comprising a tubular housing having a longitudinal sight opening therein; means forming an internal annular ledge in one end of the housing, and a nozzle plug in the other end; a transparent tube in the housing extending substantially from said plug to said ledge; a piston slidable in the tube; means for reciprocating the piston the nozzle plug having threaded engagement with the inner face of the housing and having an inner reduced diameter extension surrounded by an annular shoulder and having an opening passing through the end of said extension and the outer end of the plug; a washer compressed between said shoulder, the end of the tube, said housing and said extension; and a ball in the tube between the extension and piston and having a diameter greater than the distance between said tube and extension, the outer peripheral face of the washer engaging the inner face of the housing, the inner peripheral face of the washer engaging the peripheral face of the extension, the outer lateral face of the washer engaging the shoulder and the inner lateral face of the washer engaging the end face of the tube.

2,439,288
OBJECT LIFTING AND MOVING JACK
Walter E. Evans, Warsaw, Ind.
Application September 18, 1945, Serial No. 616,974
2 Claims. (Cl. 280—58)



1. An object lifting and moving jack comprising an elongated body having a front side and a lower end which extends to the lower extremity of said front side, said lower end being disposed at an acute angle to said front side to provide said body with an acute-angular lower corner, said body having a roller-receiving recess which opens through said lower end of said body and which terminates short of the front side of said body to afford a continuous forward wall in said body, the upper end of said body being provided with an integral tubular handle socket of much greater length than said body and elongated in the same direction as said body, a toe removably fixed in position over said forward wall of said body and projecting forwardly from said acute angular corner of said body, a floor-engaging fulcrum roller in said recess of said body, a bearing pin extending transversely through said body and through said roller to rotatably mount the latter, and an elongated handle bar having its lower end received in said socket.

2,439,289
EAR PROTECTOR
Benjamin O. Fanslow, Rockville Centre, N. Y.
Application March 25, 1947, Serial No. 736,931
6 Claims. (Cl. 2—209)

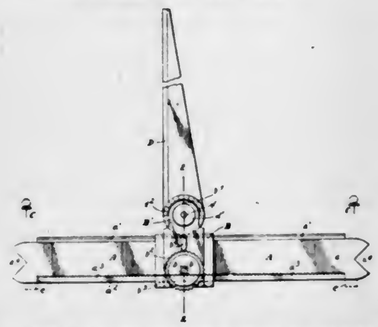


2. An ear protector comprising a muff structure fitting over the external parts of the ear and between the ear and head, said muff structure having a downwardly open pocket at its lower end, and a clamp structure comprising a body part located and held in said pocket, and a movable part pivoted to said body part and located within the muff structure and outside the pocket, said body part having an integral leaf spring, said movable part having a finger engageable by said spring whereby the movable part is held by said spring against ear-disengaging swinging movement away from the body part.

2,439,290
COMPOSITION FOR IGNITER FOR RECTIFIERS
Guy H. Fetterley, Chippawa, Ontario, Canada, assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts
No Drawing. Application January 17, 1946, Serial No. 641,872
7 Claims. (Cl. 250—27.5)

1. An igniter in which the semi-conductive element is titanium nitride of a purity of about 85% and upwards and in an amount in the range from about 25% to 35% bonded with a refractory bond into a dense strong article with resistivity of the order of .5 to 5. ohms-inches at 20° C., the titanium nitride being well dispersed throughout the bond.

2,439,291
SET SHIFT PARALLEL RULE
David Thomas Edward Fielding, Middleton Junction, England
Application July 10, 1945, Serial No. 604,112
In Great Britain July 17, 1944
1 Claim. (Cl. 33—110)

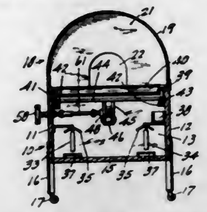


A drafting instrument comprising an elongated base strip having upper and lower lateral flanges along its longitudinal edges extending in the same general direction, the lower flange having rack teeth at its free edge, a cursor disposed against said flanges and slidable longitudinally of said base strip, said cursor having an upper flange hooked over the first-mentioned flange, said cursor having a flange at its lower edge extending under and in spaced relation to the lower flange of the base strip, a spring means carried by the lower flange of the cursor and interposed between the latter and the adjacent flange of the base strip urging the upper flanges of the base strip and cursor into contact, a straight edge extending from the cursor, a spindle journalled transversely in the cursor, a pinion on the spindle and disposed between the base strip and the cursor and enmeshed with the said rack teeth, an operating knob on said spindle exteriorly of the cursor provided with peripheral notches, and a yieldable pawl extending from the cursor and coacting with said notches.

2,439,292
MASSAGE TABLE
Roann Golden, Oakland, Calif.
Application November 22, 1946, Serial No. 711,602
8 Claims. (Cl. 128—24.3)

1. A massage cabinet, in combination; a cabinet having a bed portion consisting of spaced fixed supports and intervening roller sections and driving means for reciprocating said roller sections

in a direction lengthwise of the bed portion and means manually controllable for freeing any of



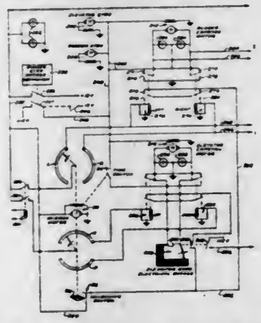
said roller sections from said driving means at will, and a hood for enclosing said bed portion.

2,439,293
SPEECH TRANSMISSION SYSTEM
Gustav Guanella, Zurich, Switzerland, assignor to Radio Patents Corporation, New York, N. Y., a corporation of New York
Application May 30, 1945, Serial No. 596,704
In Switzerland June 1, 1944
20 Claims. (Cl. 179—1)



1. A method of transmitting a complex signal wave comprising fundamental and harmonic frequency components, which consists in subdividing a signal wave to be transmitted into a plurality of frequency sub-bands each having a narrow width of an order so as to substantially include not more than one of said frequency components, equally dividing the frequency of each of said sub-bands, recombining and transmitting the divided-frequency sub-bands as a signal wave of reduced band width, again subdividing the received signal wave into its corresponding sub-bands, and equally multiplying the frequencies of said last-mentioned sub-bands and recombining the frequency-multiplied sub-bands to restore the original signal wave.

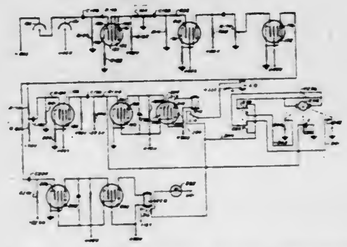
2,439,294
STEERING CONTROL APPARATUS
Laurens Hammond, Chicago, Ill., assignor to Hammond Instrument Company, Chicago, Ill., a corporation of Delaware
Application November 27, 1943, Serial No. 511,917
22 Claims. (Cl. 244—77)



1. In a lookout device, the combination of a radiation responsive element, a rotating shaft having its axis at an angle of approximately 45° with respect to the axis of radiation effective upon said element, a radiation reflector secured to said shaft with its reflecting surface at an angle in the order of 85° relative to the axis of said shaft, and motor means for rotating said shaft to cause nutatory movement of said reflector.

6. In a pilotless glider having direction of flight controlling means incuding a rudder and an elevator, servo-motors for operating said elevator and rudder respectively, a lookout apparatus responsive to radiation from a distant source and having means to scan cyclically a field including said source, said apparatus having a field of view forwardly in substantial line with the longitudinal axis of the glider, means responsive to signals from said apparatus to control the operation of said servo-motors, and means operated by the elevator servo-motor to direct the field of view of said apparatus downwardly as said servo-motor operates in a direction to raise the elevator.

2,439,295
SPEED RESPONSIVE APPARATUS
Laurens Hammond, Chicago, and John M. Hanert, Park Ridge, Ill., assignors to Hammond Instrument Company, Chicago, Ill., a corporation of Delaware
Original application June 14, 1943, Serial No. 490,746. Divided and this application March 10, 1945, Serial No. 582,135
4 Claims. (Cl. 177—311)

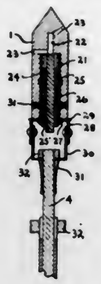


1. In an angular ground speed responsive apparatus for aircraft, the combination of a pair of phototubes, a pair of spaced gratings in front of each of said phototubes, said gratings being formed to cause parallel rays of light shifting angularly with respect to said phototubes to energize said phototubes alternately, a non-linear amplifier coupled to said phototubes capable of amplifying and distorting the signal produced by said phototubes into a signal of substantially rectangular wave shape and of constant amplitude, and a frequency responsive means coupled to said amplifier.

2,439,296
ELECTRIC SOLDERING IRON
General Arthur Hawkins, Dallas, Tex.
Application October 1, 1945, Serial No. 619,476
1 Claim. (Cl. 219—26)

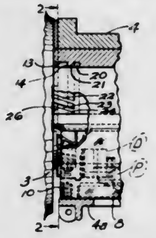
In combination, a soldering tool including a copper soldering head having a pointed tip and formed with a longitudinal pocket being reduced at its front end, with glow ports extending from said pocket through the side and tip of said head, a mica insulating sleeve in said pocket, a metal sleeve having an annular flange on its lower end disposed in said mica sleeve, a carbon rod in said metal sleeve contacting the soldering head at its front end, a metal hinge yoke, superimposed metal washers disposed about said metal sleeve respectively contacting said annular flange and

said metal hinge yoke, opposed clamp pins extending inwardly through said sleeves for holding the same in position, a mica insulating washer between said soldering head and said yoke, a second yoke pivoted to said first yoke, a handle, a conducting shank between said second yoke and



handle, a conductor connected to said conducting shank connectible with a suitable source of electric current supply, and the tip of said soldering head, when contacting its work, serving to close the circuit with said source of electric current supply to heat said carbon rod and said soldering head.

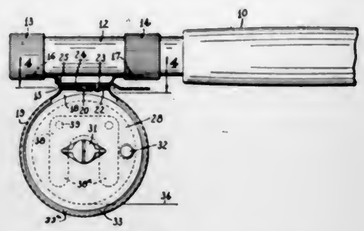
2,439,297
RAILWAY JOURNAL BEARING
James J. Hennessy, Montclair, N. J.
Application July 3, 1943, Serial No. 493,402
7 Claims. (Cl. 308—80)



1. A railway axle journal bearing with a semicylindrical downwardly presented concave journal engaging face provided near one end with a peripheral recess extending from near one lower side edge of the bearing to near the opposite lower side edge of the bearing whereby lubricant between the bearing and a journal to which it is applied will be relieved of pressure as it moves longitudinally of the bearing and reaches the recess, the peripheral recess terminating above the lower edge of the bearing in an upwardly facing ledge having an upper face extending substantially throughout the width of the recess and inclined inwardly and downwardly from the end of the bearing to drain surplus lubricant away from the end of the bearing, and means to remove surplus lubricant from said recess.

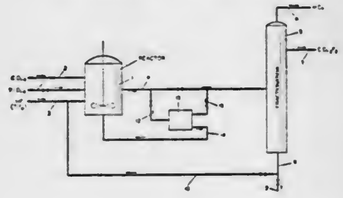
2,439,298
CASTING REEL
Timothy F. Horan, New Haven, Conn.
Application October 3, 1944, Serial No. 556,974
2 Claims. (Cl. 242—84.1)

2. A casting reel comprising a spool, a support upon which said spool is mounted, a bracket adapted to be attached to a rod, means pivotally securing said support to the bracket whereby the support may be rotated about an angle of 180°, means for releasably securing said support in positions at either end of its movement and in a



position intermediate said end positions, the axis of said spool being parallel to the rod in said intermediate position, and a handle slidably carried by the spool and movable relatively thereto in a direction parallel to the spool axis to project from either face of the spool.

2,439,299
PRODUCTION OF HALOGENATED HYDROCARBONS CONTAINING FLUORINE
Roger S. Hovey, Charleston, W. Va., and Paul H. Carnell, Bartlesville, Okla., assignors to Phillips Petroleum Company, a corporation of Delaware
Application July 26, 1946, Serial No. 686,374
12 Claims. (Cl. 260—653)

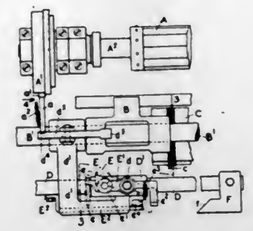


1. The process of producing halogenated hydrocarbons containing fluorine and another halogen which comprises contacting a halogenated hydrocarbon containing a plurality of atoms of halogen other than fluorine with a fluorinating agent comprising a major proportion of substantially anhydrous hydrofluoric acid and a minor proportion of titanium tetrafluoride under conditions such that at least one of said atoms of halogen other than fluorine is replaced with fluorine.

2,439,300
FLAT SINGLE BED KNITTING MACHINE
Gustav Huber, Cleator, England, assignor to Kangol Wear Limited, Cleator, England, a company of Great Britain
Application December 20, 1946, Serial No. 717,553
In Great Britain January 6, 1946
8 Claims. (Cl. 66—147)

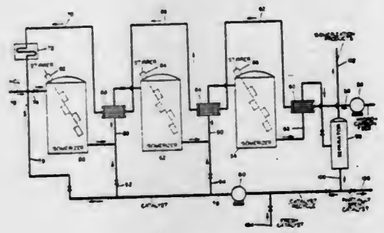
1. In a flat single bed knitting machine of the type referred to the combination with the bed and patterning mechanism of the machine of a carrier adapted to be reciprocated across the machine below the front edge of the bed, a knife supported by said carrier and means controlled

by the patterning mechanism for causing the reciprocating of the carrier at the appropriate



time in the cycle of operations to cause the knife to engage and sever the fabric.

2,439,301
ISOMERIZATION OF HYDROCARBONS
Thomas B. Hudson and John D. Upham, Bartlesville, Okla., assignors to Phillips Petroleum Company, a corporation of Delaware
Application October 5, 1942, Serial No. 460,852
5 Claims. (Cl. 260—683.5)

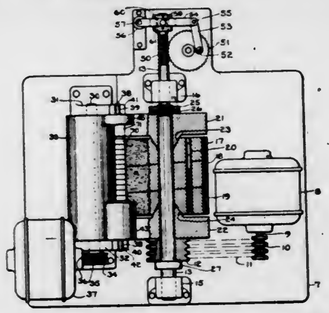


1. A process for the isomerization of normal butane to isobutane under conditions of decreasing temperature, decreasing concentration of reactants, and normally decreasing activity of catalyst which comprises passing liquid hydrocarbons comprising normal butane admixed with effective amounts of hydrogen chloride and finely divided aluminum chloride catalyst through a reaction zone, maintaining a decreasing temperature gradient in the direction of flow of said hydrocarbons and said catalyst, maintaining a flow rate such that the time of residence of said hydrocarbons at any temperature level is sufficient to effect substantial isomerization but insufficient to permit any substantial cracking, and such that the final temperature level is sufficiently low to obtain a concentration of isobutane in excess of the equilibrium concentration thereof at the highest temperature level, and introducing a separately controlled quantity of said finely divided aluminum chloride catalyst into said liquid hydrocarbons at each of a plurality of points along the direction of flow sufficient to more than overcome deactivation of catalyst which would normally occur in the absence of the catalyst thus introduced at said plurality of points and sufficient to increase the ratio of catalyst activity to hydrocarbons along the direction of flow, thereby establishing a constant rate of reaction throughout the reaction zone despite said decreasing temperature gradient, decreasing concentration of normal butane, and normally decreasing catalyst activity.

2,439,302
PREPARATION OF BENZOTETRONIC ACID
Martin E. Hultquist, Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application October 23, 1944, Serial No. 560,041
3 Claims. (Cl. 260—344.6)

1. A method of preparing benzotetronic acid which comprises heating 3-acetylbenzotetronic acid with a strong mineral acid until the 3-acetyl group has been removed.

2,439,303
CENTERLESS GRINDER
Herbert S. Indge, Westboro, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts
Application March 16, 1946, Serial No. 654,863
6 Claims. (Cl. 51—48)

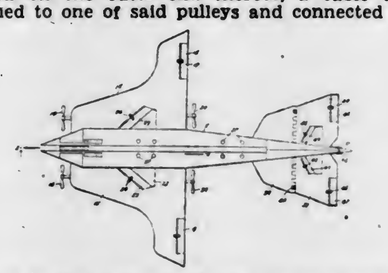


2. An apparatus for simultaneously grinding a number of workpieces which are temporarily cemented together to form a column into a uniform shape and size with an automatic control to stop said grinding operation after said workpieces are ground to said size and shape, comprising a cylindrical grinding wheel, a feed roller to feed said column of workpieces to the grinding surface, hold it parallel to said grinding surface and rotate it against said grinding surface, a pair of guide templates which are cut to the size and shape to which it is desired to grind said workpieces and cemented to the ends of the column of said workpieces, and a pair of non-grinding guide rollers of the same diameter as said grinding wheel at each end thereof upon which said guide templates ride to prevent further grinding when said workpieces are ground to the size of said guide templates.

2,439,304
AEROPLANE EMPENNAGE
William H. Jackson, Johnstown, Pa.
Application February 1, 1943, Serial No. 474,348
1 Claim. (Cl. 244—87)

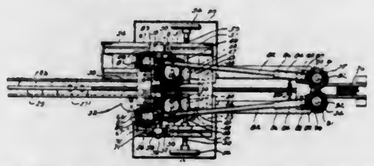
In an aeroplane having a fuselage, a tail structure on the rear end of the fuselage, comprising a stationary vertical fin having a rudder hinged on the rear edge thereof and provided with a vertically disposed arcuate slot, stationary horizontal fins on opposite sides of the forward portion of said vertical fin, a vertically adjustable stabilizer hinged to the rear edge of each horizontal fin and having an opening, said slot being concentric with the hinge axis of said stabilizers, a connection between said stabilizers extending through said slot, an emergency eleva-

tor hinged on each stabilizer within said opening of the latter, a second elevator hinged on the rear edge of each stabilizer, relatively rotatable concentric shafts journaled in the hinge of each stabilizer and each having a pulley secured on the outer end thereof, a cable attached to one of said pulleys and connected to



one of said elevators, a further cable attached to the other of said pulleys and connected to the other of said elevators, the inner ends of said shafts projecting into the vertical fin, and drive pulleys secured on the inner ends of said shafts and separately operable to selectively adjust the elevators of each stabilizer.

2,439,305
MACHINE FOR BRUSHING AND CLEANING PLATES
William C. Johnson, Milwaukee, Wis., assignor to Pfister and Vogal Tanning Company, Milwaukee, Wis., a corporation of Wisconsin
Application June 22, 1944, Serial No. 541,564
3 Claims. (Cl. 15—77)



1. In a machine for cleaning plates simultaneously on opposite sides thereof including a pair of oppositely related rotary brushes positioned to engage a plate on opposite sides thereof as it passes therebetween, means for adjustably mounting each of said brushes comprising brush supporting and adjusting arms in one end of which a brush is rotatably mounted, said arms at their other ends being carried by a pivotally mounted shaft whereby they swing as a unit about a common axis to provide lateral movement to the brush, a power-driven countershaft, helical gearing between said countershaft and each brush for driving the same and permitting lateral adjustment thereof, and adjusting shafts interengageable with said units and operable to swing the same to selected positions.

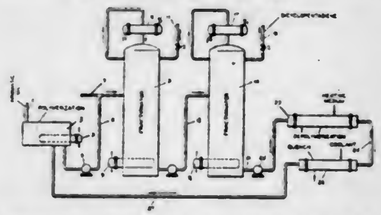
2,439,306
GASKET
Clarence D. Laidley, Los Angeles, Calif.
Application October 2, 1944, Serial No. 556,711
1 Claim. (Cl. 288—20)

A gasket for bolted tanks and the like comprising a strip of rubber or rubber-like material having spaced openings therein adapted to receive bolts, said openings being materially smaller in diameter than the diameter of the bolts and having pre-formed slits extending outwardly therefrom defining a plurality of mutually independ-



ent fingers, the thickness of the rubber being decreased in the area surrounding said openings.

2,439,307
RECOVERY AND PURIFICATION OF CYCLOPENTADIENE
Harold R. Legatski, Bartlesville, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware
Application October 18, 1945, Serial No. 623,147
1 Claim. (Cl. 260—666)

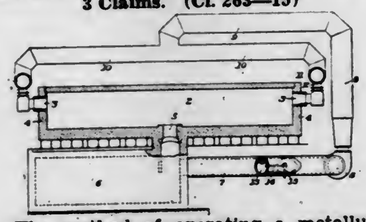


A process for recovering cyclopentadiene in the form of dicyclopentadiene from a mixture of close-boiling hydrocarbons containing the same which comprises subjecting said mixture to an elevated temperature within the range of 200 to 220° F. for a period of time such that substantially all of the cyclopentadiene content of said mixture is polymerized to dicyclopentadiene and higher polymers without substantial polymerization of other close-boiling hydrocarbons in the mixture, fractionally distilling from the resulting cyclopentadiene polymers substantially all of the lower boiling components present in said mixture, subjecting the cyclopentadiene polymers to a second fractional distillation at subatmospheric pressure under conditions such that the distillation temperature is not above about 220° F. effecting separation of substantially pure dicyclopentadiene from higher boiling cyclopentadiene polymers, subjecting said higher boiling polymers in vapor phase at substantially atmospheric pressure to an elevated temperature within the range of from 750 to 1100° F. for a period of time within the range of 10 to 30 seconds whereby said higher polymers are depolymerized to monomeric cyclopentadiene, and recycling said monomeric cyclopentadiene together with unconverted higher polymers to the polymerization step.

2,439,308
PROCESS FOR SIMULTANEOUS DIMERIZATION AND REDUCTION
Robert M. Leekley, Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 18, 1946, Serial No. 684,547
6 Claims. (Cl. 260—465.8)

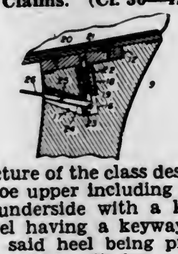
1. A process for the simultaneous dimerization and reduction of acrylonitrile to adiponitrile which comprises treating acrylonitrile in the presence of magnesium and mercuric chloride with active hydrogen produced by the reaction of said magnesium with a primary aliphatic monohydric alcohol.

2,439,309
INDUSTRIAL FURNACE AND METHOD OF OPERATING THE SAME
George Gordon Lloyd, Pittsburgh, Pa., assignor to Loftus Engineering Corporation, Inc., Pittsburgh, Pa., a corporation of Maryland
Application April 6, 1943, Serial No. 481,954
3 Claims. (Cl. 263—15)



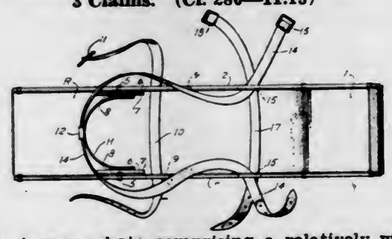
1. The method of operating a metallurgical heating furnace and maintaining a controlled thermal head therein which comprises supplying heated air for combustion to the furnace from a recuperator heated by the spent gases of the furnace, maintaining for selected time intervals the volume of heated combustion air delivered to the furnace substantially constant while controllably introducing atmospheric air into the heated air to reduce and regulate the reduction in the temperature thereof.

2,439,310
DETACHABLE HEEL
Frank M. Mancuso, Concord, Staten Island, N. Y.
Application November 21, 1946, Serial No. 711,294
3 Claims. (Cl. 36—42)



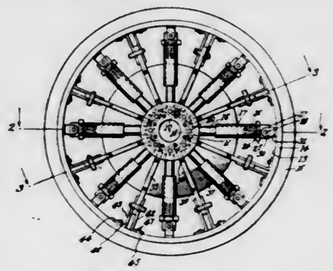
1. In a structure of the class described, in combination, a shoe upper including a counter provided on its underside with a keying plate, a detachable heel having a keyway for reception of said plate, said heel being provided with a substantially central cylinder, a spring-pressed latch-bolt mounted in said cylinder, said keying plate having a keeper recess for said latch-bolt, and a lever pivoted in a bore in said heel and operatively connected with said latch-bolt.

2,439,311
SNOW SKATE
Elbert Maybery, St. Louis, Mo.
Application June 29, 1945, Serial No. 602,262
3 Claims. (Cl. 280—11.13)



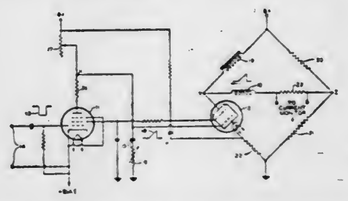
1. A snow skate comprising a relatively wide runner having vertical longitudinal side portions, side members secured to and extending lengthwise of the side portions and having lower marginal portions extending below the runner forming runner blades, the side members above the runner being provided with openings, and flexible members threading through said openings to engage over the foot to hold the skate to the foot.

2,439,312
RESILIENT WHEEL
Jasper E. McGlaun, Shellman, Ga.
Application January 24, 1947, Serial No. 724,160
4 Claims. (Cl. 152—100)



1. A resilient wheel comprising a hub, a rim, resiliency-producing spoke members between said hub and rim, propulsion spoke members comprising rigid bar elements and pairs of spring bar elements slidably receiving adjacent end portions of the rigid bar elements, the remote ends of the elements connected respectively to said hub and rim, a disc parallel to the radii of the wheel, a plurality of rings separating the disc from said rigid bar elements, said rings being spaced from one another, and fastenings passing through said disc and said rigid bar elements and through the interposed rings to provide a truss construction.

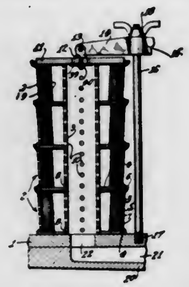
2,439,313
ELECTRICAL CIRCUIT
Ralph E. Meagher, Watertown, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War
Application January 24, 1945, Serial No. 574,371
4 Claims. (Cl. 315—27)



1. The combination in a circuit for driving current through the electromagnetic deflection coil of a cathode ray tube comprising a four-arm bridge arrangement having the deflection coil shunted across one pair of vertices, a source of direct current potential applied across the other pair of vertices of said bridge, a high reactance choke inserted in the first arm of said bridge, an electron discharge device having its plate circuit inserted in the second arm of said bridge

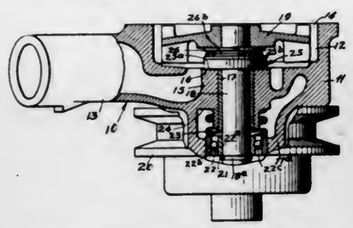
adjacent to said first arm, a first resistor inserted in the third arm of said bridge, a second resistor inserted in the fourth arm of said bridge, the values of said first and second resistor being such as to substantially balance the bridge when said discharge device is in a quiescent condition, means for slightly unbalancing the bridge arrangement whereby a slight current is made to flow in the deflection coil when said discharge device is in a quiescent condition in order to overcome the residual magnetism of said deflection coil, a saw-tooth voltage generator, and means for directly applying the output of said generator to the control circuit of said discharge device whereby the bridge is unbalanced and a current is made to flow through the deflection coil whose form is identical to the saw-tooth applied to said discharge device.

2,439,314
APPARATUS FOR TREATING YARN PACKAGES WITH FLUIDS
Wayne A. Mulligan, Utica, and William Kernan, New Hartford, N. Y., assignors to Skenandoa Rayon Corporation, Utica, N. Y., a corporation of Delaware
Application December 2, 1944, Serial No. 566,374
2 Claims. (Cl. 68—189)



1. Apparatus for treating annular yarn packages with liquids, comprising means for holding an annular yarn package in a predetermined position, means for admitting a treating liquid into the interior of said annular yarn package through one end portion thereof, closure means for the other end portion of the interior of said yarn package for substantially confining the liquid against moving out said other end, the last named means being so constructed and arranged that the liquid supplied to the interior of the yarn package is constrained to flow outwardly therethrough, an aperture through said closure means, check valve means cooperating with said aperture for substantially preventing outflow of liquid through said aperture during the application of liquid for treating said yarn package as aforesaid, said check valve means comprising a sheet of flexible material disposed beneath and adjacent to said closure and adapted upon and during the supplying of liquid to the interior of said yarn package to be forced by the liquid to cover and close said hole, and to flex to open a passage from said hole to the interior of said yarn package upon and during the draining of the liquid from said interior to admit air from the atmosphere to prevent the creation of any substantial vacuum within said yarn package, and thereby to prevent any disarrangement of the yarn of said package which might tend to interfere with the subsequent unwinding thereof.

2,439,315
SEAL CONSTRUCTION
John A. Newton and Norman Hoertz, Cleveland, Ohio, assignors to Thompson Products, Inc., Cleveland, Ohio, a corporation of Ohio
Application November 29, 1943, Serial No. 512,164
3 Claims. (Cl. 103—103)



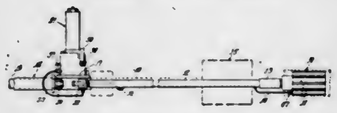
1. In a seal construction for a shaft and impeller assembly, a sealing washer loosely embracing said shaft, a deformable rubber-like bushing surrounding said shaft between said sealing washer and said impeller, said bushing having grooved end faces, and bonding material in said grooved end faces sealingly uniting said washer with said bushing and said bushing with said impeller.

2,439,316
CRUTCH
Willie S. Peacock, Atlanta, Ga.
Application November 21, 1945, Serial No. 629,954
3 Claims. (Cl. 135—49)



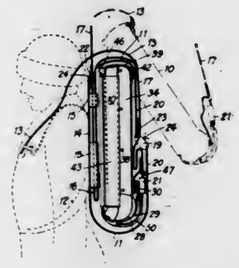
1. A crutch comprising a shaft, a handle carried by the shaft in spaced relation to its upper end and an arm encircling loop swivelly connected to the upper end of the shaft.

2,439,317
CYLINDER HONING
Victor W. Peterson, Chicago, Ill., assignor to Hannifin Corporation, a corporation of Illinois
Application February 17, 1944, Serial No. 522,690
5 Claims. (Cl. 51—184.3)



1. Honing apparatus comprising in combination a hydraulically expansible honing head including a hydraulically actuated cylinder for controlling honing pressure, a reciprocating cross-head and an elongated spindle carried thereby for operating said honing head, a hydraulic line carried by said spindle for conducting hydraulic pressure to said honing head cylinder, means connected with said cross-head for reciprocating said spindle and honing head, means including a small manually operated hydraulic pump and a low capacity accumulator therefor carried on and reciprocating with said cross-head for sensitively increasing and decreasing hydraulic pressure to said cylinder during operation of the hone to control the honing pressure, and a rotary hydraulic connection at the cross-head end of said spindle for connecting said accumulator with said line for transmitting pressure from said accumulator to said line.

2,439,318
PARACHUTE PACK
John Raymond Cuthbert Quilter, Woking, England
Application May 13, 1946, Serial No. 669,328
In Great Britain May 4, 1945
Section 1, Public Law 690, August 8, 1946
9 Claims. (Cl. 244—148)

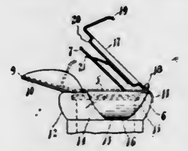


1. A parachute pack adapted for static release, comprising a container, means for connecting said container to an aircraft, said connecting means including a static line and a detachable connector, a trip device for releasing said detachable connector, a main parachute and shroud lines stowed in said container, an auxiliary parachute stowed in said container, frangible means for extracting said auxiliary parachute by the tension of said static line, means for extracting said shroud lines by the pull of the parachutist's weight, and means for operating said trip device by the initial withdrawal of said shroud lines prior to the extraction of said main parachute.

2,439,319
AIR PUMP ATTACHMENT FOR SEWING MACHINES
Walter O. Runcie, Lima, Peru
Application September 22, 1944, Serial No. 555,343
8 Claims. (Cl. 66—1.5)

1. An air pump for attachment to a sewing machine which has a presser foot shaft and a reciprocating needle carrier, comprising a cylinder having an outlet at one end, a piston slidable in said cylinder, a supporting arm carried by the opposite end of said cylinder for attachment to a presser foot shaft to thereby support said cylinder solely from the presser foot shaft, and means connected to said piston and extending laterally therefrom for connecting said piston to a needle carrier whereby said piston will be reciprocated by said needle carrier.

2,439,320
MILK BOTTLE COVER
George Simpson, Toronto, Ontario, Canada
Application October 21, 1946, Serial No. 704,646
1 Claim. (Cl. 215—101)

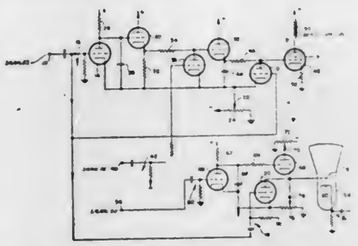


A cover of the class described comprising a body member of ring-like configuration for seating on the top end face of a milk bottle and providing an opening for registering with the mouth of the bottle, said member being formed with a flange around said opening and being formed with a pouring lip at a side of said opening, a lid for said opening, said lid being hinged to said member at the opposite side of said opening for swinging away from said pouring lip, a pair of diametrically opposite clips formed on said member laterally of said pouring lip, said clips being curved downwardly and inwardly to engage the bead on the bottle, said clips having a curvature which is enlarged through their length toward said pouring spout to enable the cover to be applied by holding it at a downward angle to the top of the bottle and sliding it forwardly thereon to engage said clips with said bead, and a pointed prong centrally depending from said lid for forwardly projecting into said bottle mouth at an angle so that when the lid is held closed in the application of the cover the prong will angularly engage the pasteboard stopper to remove the stopper as the lid is raised.

2,439,321
ELECTRICAL CIRCUIT
Merle A. Starr, Belmont, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War
Application September 19, 1945, Serial No. 617,321
5 Claims. (Cl. 315—22)

2. A method of placing spaced position marks on the screen of a cathode ray tube comprising the steps of cyclically sweeping the beam of said

cathode ray tube between two spaced limits, interrupting the sweep of said beam at predetermined points intermediate said limits, momentarily clamping said beam in said intermediate



position and intensifying said beam while clamped in said intermediate position thereby causing stationary luminous position marks to appear on the screen of said cathode ray tube.

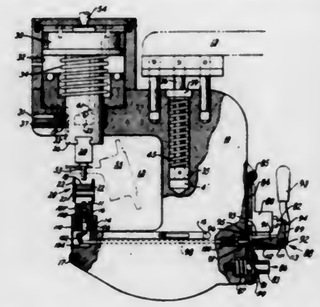
2,439,322
CHAIR
Herbert V. Thaden, Roanoke, Va., assignor to Thaden/Jordan Furniture Corporation, Roanoke, Va., a corporation of Virginia
Application February 25, 1946, Serial No. 649,884
2 Claims. (Cl. 155—193)



1. A plywood chair construction comprising a unitary seat and legs section and a unitary back section, said back section having a forward extension at its lower end, a slot in the seat and leg section adjacent the rear boundary of the seat adapted to receive said forward extension, and means for securing said forward extension to the under side of the seat.

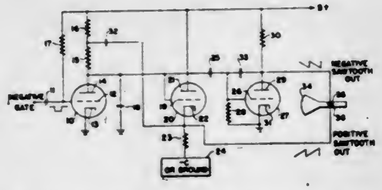
2,439,323
RIVETING MACHINE
Eugene F. Tuttle, North Hollywood, Calif., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif.
Application February 1, 1943, Serial No. 474,405
9 Claims. (Cl. 78—48)

7. In a riveting machine, the combination of: axially relatively movable members for engaging the shank and head respectively of a rivet set in position in work articles for upsetting the rivet shank; hydraulically operated means for applying pressure to said members to upset the rivet shank; a work article engaging member axially movable relative to said shank engaging member and loaded to move relative to said shank engaging member in a direction toward the rivet head engaging member; a control valve structure for actuating said hydraulically operated means to apply said pressure, said structure having a valve loaded to take the non-actuating position and being secured at an adjustably spaced relation from a frame part of said machine, and provided with a movable valve operating member; a lever for moving said valve operating member to open said valve, and a latching means for said lever comprising a catch and a latch, one of which is mounted on said valve structure and the other of which is mounted on said frame, the frame mounted one of which being releasingly actuated in correlation with movement of said article en-



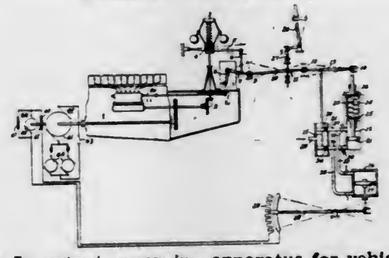
gaging member relative to said shank engaging member in a direction away from said rivet head engaging member, and the juncture of the release of said latch and catch member being dependent upon the said spacing of said valve structure and frame.

2,439,324
ELECTRICAL CIRCUIT
Robert M. Walker, Belmont, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War
Application August 1, 1945, Serial No. 608,304
6 Claims. (Cl. 315—26)



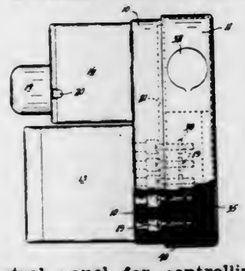
1. A circuit for generating push-pull sawtooth sweep voltages for a cathode ray tube comprising a switch tube having a load circuit, capacitance means connected between the plate of said switch tube and a point of reference potential, means for applying pulses from a source external to said circuit onto said switch tube, whereby said switch tube is made impervious to current flow therethrough and a positive sawtooth wave of voltage is generated at the plate thereof, a buffer stage comprising a cathode follower circuit, means coupling said positive sawtooth wave to the grid of said cathode follower circuit, first condenser means coupling the cathode of said cathode follower circuit back to the load circuit of said switch tube, whereby the linearity of said positive sawtooth wave is increased over the linearity of an exponential wave, means coupling said positive sawtooth wave at the cathode of said buffer tube to a first deflection means of said cathode ray tube, an inverter tube, voltage divider means applying said positive sawtooth wave to the grid of said inverter tube, whereby a negative sawtooth wave is present on the plate of said inverter tube, and means applying said negative sawtooth wave to a second deflection means of said cathode ray tube.

2,439,325
GOVERNING ARRANGEMENT WITH SERVOMOTOR
Fritz Wiesendanger, Winterthur, Switzerland, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland
Application May 19, 1944, Serial No. 536,252
7 Claims. (Cl. 290—17)



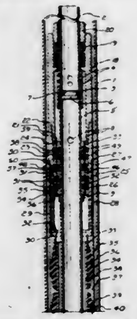
7. In output governing apparatus for vehicles driven by internal combustion engines with electrical power transmission including an electrical generator, the improvement which comprises a speed governor driven by the engine, a regulating device for varying astatically the output of the generator, servomotor with a piston for operating the regulating device, a control means for the servomotor including a control member and a regulating piston therefor, means for regulating statically the fuel supplied to the engine, linkage connecting the governor on one hand to the control member and its regulating piston and on the other hand to the fuel regulating means, an adjustable fulcrum for the linkage, means for setting the fulcrum in different positions to impose variations on the action of the governor, a pipe system for servomotor motive fluid connecting the control member and its regulating piston, and throttling means in the pipe system whereby the action of the regulating piston providing a return motion for the control member is retarded relative to the initial motion of that member.

2,439,326
CONTROL PANEL
John M. Wilson, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application May 10, 1944, Serial No. 534,898
3 Claims. (Cl. 175—308)



1. A control panel for controlling an electrically operated air conditioning mechanism, comprising in combination, a first assembly including a panel member and a plurality of dissimilar electrical devices mounted on the front of said panel, a plurality of conductors on the back of said panel interconnecting the electrical devices and terminating in a plurality of circular connecting lugs, headed projections inserted in the lugs of said conductors, a plate formed of insulating material removably attached to the base of said first assembly and having a plurality of openings adapted to retain the headed portions of said projections within said assembly, a second assembly removably receiving said first assembly, said second assembly being adapted for mounting on a rigid support and including a member having a plurality of wire receiving terminals adapted for connection to elements of said electrical mechanism and a source of power, and means forming a part of said second assembly adapted to receive said projections and rigidly retain the same and thereby said first assembly while also completing electrical connections between said electrical devices, the source of power and said electrical mechanism.

2,439,327
CROSSOVER FLOW DEVICE
Madden T. Works, Houston, Tex., assignor to Cameron Iron Works, Houston, Tex., a corporation of Texas
Application October 26, 1943, Serial No. 507,711
17 Claims. (Cl. 277—12)

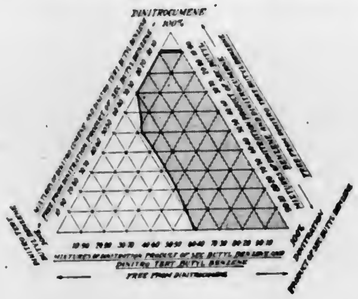


1. In a crossover flow device adaptable for use in a well bore having two producing formations, a conduit assembly having upper and lower lateral openings and upper and lower endwise openings, passageways interconnecting said openings, valve means interposed in said passageways and shiftable to either of two positions, said valve means in one position providing independent communication between said upper and lower lateral openings and between said upper and lower endwise openings respectively, and when in the second position providing independent communication between the lower lateral opening and the upper endwise opening and between the lower endwise opening, and the upper lateral opening respectively, means for shifting said valve from one position to another, and an annular seal forming means embracing said assembly between said upper and lower lateral openings adapted with the valve means in the second position, to separate the passageway including the lower endwise opening from the upper producing formation.

2,439,328
PLASTIC DETONATING COMPOSITIONS
Harold Reginald Wright, West Kilbride, and William Gordon Allan, Saltcoats, Scotland, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
Application March 22, 1945, Serial No. 584,258
In Great Britain June 2, 1944
8 Claims. (Cl. 52—13)

1. Plastic detonating explosives capable of being stored continuously at low temperatures with-

out setting irreversibly hard which comprise a self-explosive solid compound from the group consisting of self-explosive non-aromatic crystalline solid nitric esters and cyclo-trimethylene-trinitramine distributed through a continuous matrix comprising a liquid which freezes below



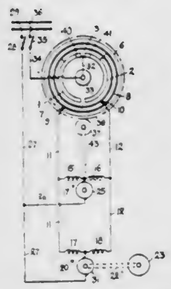
−15° C. and the composition of which is shown in the shaded portion of the triangular diagram for the multi-component system of dinitrocumene, dinitro tertiary-butylbenzene and the dinitration product of secondary-butylbenzene in the drawing accompanying the specification.

2,439,329

ELECTRIC CONTROL APPARATUS FOR RAPIDLY PLACING A LOAD IN ANY DESIRED POSITION

Michel N. Yardeny, New York, N. Y.

Application October 11, 1945, Serial No. 621,792
7 Claims. (Cl. 318—297)



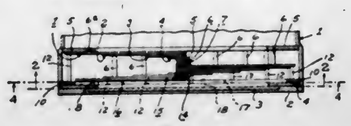
1. A control apparatus comprising a pair of relatively movable control members; a motor operatively connected to one of the members, the second member being movable by other means; one member comprising electrically conducting means, the other member comprising a contact arm for engaging the conducting means; circuit means to energize the motor when the contact arm engages the conducting means for causing the motor to rotate and to stop when the contact arm and the conducting means reach a predetermined relative position; and means capable of yieldably retaining the contact arm in engagement with the conducting means in a position other than said predetermined relative position until the second member is arrested, thereby causing the motor driven member to be placed in a position in which the contact arm and the conducting means occupy said predetermined relative position, thus stopping the motor.

2,439,330

SIGNAL AND SEARCHLIGHT SHUTTER

Otto J. Zander, Huguenot, N. Y.

Substituted for abandoned application Serial No. 490,287, June 10, 1943. This application July 1, 1947, Serial No. 758,344
4 Claims. (Cl. 177—329)



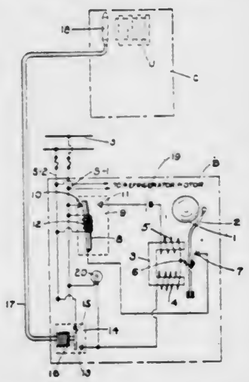
1. A signal and searchlight shutter comprising a casing having parallel front and rear plates with aligned circular apertures, a plurality of flat vanes pivotally mounted at points spaced at regular intervals around said casing and close to the edges of said circular apertures, the rearmost vane being pivoted on said rear plate, the foremost vane being pivoted on the front plate, pivot pins mounted at their rear ends to turn in the rear plate and gradually increasing in length from the second to the next to last by increments corresponding to the thickness of a vane, all of such vanes being fixed on the forward ends of said pins and each overlapping the vane to the rear, the vane pivoted on the front plate overlying the front vane on a pin, and means for actuating said vanes to closed and open positions.

2,439,331

WARNING SIGNAL SYSTEM FOR REFRIGERATORS

Roscoe D. Bean, Red Bank, N. J., assignor to Signal Engineering & Manufacturing Company, New York, N. Y., a corporation of Massachusetts

Application January 12, 1946, Serial No. 640,737
4 Claims. (Cl. 177—311)



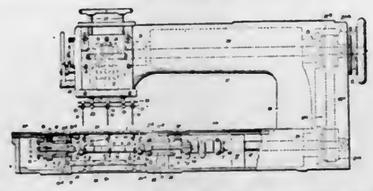
1. A warning signal system for refrigerators and the like comprising in combination, an electrically operated signal, separate sources of electrical power, a refrigerating device operable from one of said sources and providing a refrigerating chamber, means for operating said signal from the same power source as the refrigerating device, in response to a predetermined temperature rise within the chamber, and means responsive to failure of the first named source for a predetermined period to operate said signal from the other source.

2,439,332

LOOPER-ACTUATING MECHANISM FOR SEWING MACHINES

Rudolph Becker, North Plainfield, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey

Application November 28, 1945, Serial No. 631,302
16 Claims. (Cl. 112—199)



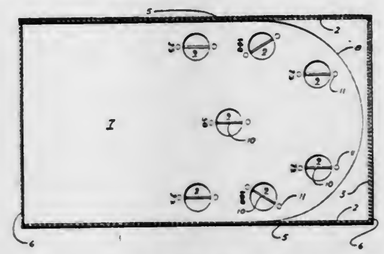
1. In a two-thread chain-stitch sewing machine having a reciprocatory eye-pointed needle, a thread-carrying looper formed with a blade having a loop-seizing beak, means to move said looper in an orbit about a field parallel to the needle, and means to oscillate said looper in the plane of and in time with its orbital movement so that the looper-blade moves in a downwardly inclined substantially straight path when advancing to seize a needle-loop and has an upwardly inclined movement in a curved path above the first named path when shedding the needle loop.

2,439,333

BALL GAME

Theodore J. Berning, Dayton, and Melvin P. Hoover, Lewisburg, Ohio

Application August 20, 1945, Serial No. 611,550
4 Claims. (Cl. 273—123)



1. In a game board, a board having therein a plurality of pockets and each pocket having extending across it a narrow strip of material dividing the pocket into two parts, and a ball adapted to be rolled over said board and into any of said pockets, said ball having therein a groove to receive said strip.

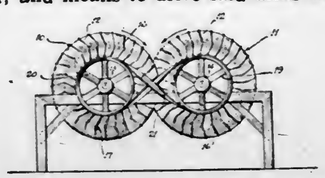
2,439,334

SURFACE CLEANING MACHINE

Oscar T. Bloom, Chicago, Ill., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware

Application September 23, 1942, Serial No. 459,450
7 Claims. (Cl. 17—11.1)

1. A device for pulling material removably attached to an irregularly shaped article from the surface thereof comprising a driven cylindrical means including a plurality of spaced disks for engaging the surface; said disks being deformable; each of said disks having a surface characteristic of a relatively high coefficient of friction and being provided with abrading ridges; said disks having a relatively large, flat, surface area of which a portion is adapted to be maintained continuously in contact with the surface being cleaned; and means to drive said disks whereby



when an article is pressed into the engaging means and held stationary with respect to the disks, the driven disks will be deformed to frictionally engage the surface of the article to abrade the surface and pull the removable material from the surface of the article.

2,439,335

SANITARY HOLDER FOR SMALL ARTICLES

Lola A. Casnati, New York, N. Y.

Application May 28, 1945, Serial No. 596,282
2 Claims. (Cl. 294—25)



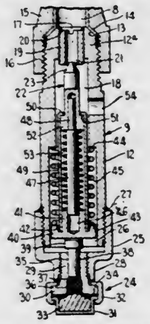
1. A sanitary holder for picking up small articles, comprising a sheet of folded paper, or the like material having an upwardly directed central apex portion and a plurality of downwardly directed side apex pocket portions into which one may engage one's fingers for pressing the side apex portions towards each other, extension sheets mounted on the walls of said side apex pocket portions, and pliable metallic strips mounted upon said extension sheets whereby the extension sheets will maintain different shapes into which they are bent.

2,439,336

THERMOSTATIC VALVE

Earnest J. Dillman, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan

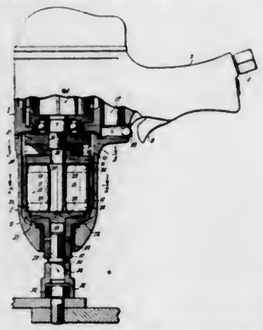
Application April 20, 1945, Serial No. 589,415
2 Claims. (Cl. 236—100)



1. A thermostatic valve comprising a tubular casing member having a valve chamber and having an end wall and an opposite open end, said end wall having a longitudinal opening there-

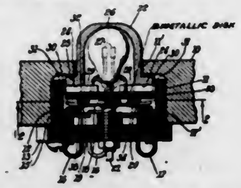
through into said chamber, a valve seat member in said opening and providing an inlet valve port into said chamber, a valve member having a conical end portion controlling flow through said port and engageable with said seat member to stop flow, said valve member having a surrounding shoulder facing said port and having a longitudinal central cylindrical recess facing away from said port, a cap member closing and sealed to said open casing member end and having a central aperture therethrough, a thermostatic power element casing having a tubular extension secured in and closing said central aperture, a piston guided in said tubular extension, temperature responsive material in said power element casing and operable on temperature increase to move said piston, a guide member seating on said piston and guided by and in said casing member, said guide member having a central cylindrical recess alined with and facing said valve member recess, a guide rod supported at one end in said valve member recess and having its other end reciprocally guided in said guide member recess, a sleeve member secured at one end to said guide member and reciprocally receiving said valve member, said sleeve member having an inturned flange receiving said valve member shoulder, a lost motion force transmitting spring within said sleeve member and held under compression between said guide member and said valve member to hold said valve member shoulder against said sleeve member flange, said casing member having an internal annular shoulder facing said open casing member end and having an outlet port through its side wall between said internal shoulder and said inlet port, and a spring surrounding said sleeve member and held under compression between said internal shoulder and said guide member to oppose movement of said valve member by said responsive material.

2,439,337
IMPACT CLUTCH
Frithiof P. Forss, Aurora, Ill., assignor to Independent Pneumatic Tool Company, Chicago, Ill., a corporation of Delaware
Application April 23, 1943, Serial No. 484,157
16 Claims. (Cl. 192—30.5)



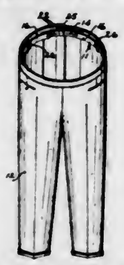
1. An impact clutch of the character described comprising, relatively rotatable hammer and anvil members, the anvil member having a wall surrounding the hammer member and provided with internal abutments and track-ways therebetween, roller elements carried by the hammer member in recesses therein and movable by centrifugal force into the track-ways for delivering a series of rotational hammer blows on the abutments in the rotation of the hammer member relatively to the anvil, said hammer member providing side and end walls for the recesses for retaining the roller elements in operative position therein, said roller elements fitting wholly between the end walls of the recesses and having their opposite ends in sliding contact therewith, and means for rotating the hammer member.

2,439,338
SIGNAL DEVICE FOR THERMOSTATIC SWITCHES
Harry B. Fuge and James W. Momberg, Somerville, N. J., assignors to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application May 3, 1944, Serial No. 533,856
5 Claims. (Cl. 200—121)



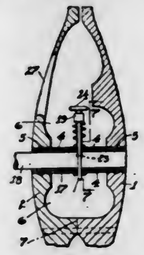
3. In a thermostatic electric switch comprising a base-member carrying spaced stationary electrical contacts, a heat responsive snap-acting disk located on one side of said contacts and adapted to engage said contacts in normal circuit closing position and to move away from said contacts to an open circuit position upon an abnormal rise in temperature, the improvement which comprises the provision of a pair of spaced resistors electrically connected to said contacts, a push-button located on the side of said disk opposite to the contacts, conductors carried by said push botton and contacting said resistors, and a signal light carried by said push button and electrically connected to said conductors.

2,439,339
TROUSER WAIST GRIP BELT
Amedeo D. Grisanti, Mount Vernon, N. Y.
Application January 26, 1946, Serial No. 643,508
1 Claim. (Cl. 2—237)



In combination with a pair of trousers having a waist band portion, an adjustable waist grip belt, on the trousers and two trouser loops each disposed on the inside of the waist band portion forward of and near the sides of said trousers, the waist grip belt comprising a three quarter belt member and an adjusting strap member, the three quarter belt member being formed with a non-elastic back portion and two elastic side portions each secured to an end of the said back portion, the free end of each elastic side portion being provided with a locking element, and the adjusting strap member being non-elastic and having a plurality of longitudinally aligned cooperating locking elements adapted to coact with the locking elements on said elastic side portion to join the belt members detachably and adjustably, the waist grip belt being disposed about the waist inside the trousers and extending through the trouser loops and being detachably secured to said trousers by fastening elements, one set of fastening elements joining the center of the adjusting strap member to the front of the trousers, and additional fastening elements joining the non-elastic back portion of the three quarter belt to the trousers at the back near its sides.

2,439,340
WHEEL CONSTRUCTION
Severine Hendrickson, Templeton, Mass., assignor to Heywood-Wakefield Company, Gardner, Mass., a corporation of Massachusetts
Application April 28, 1944, Serial No. 533,151
3 Claims. (Cl. 301—121)



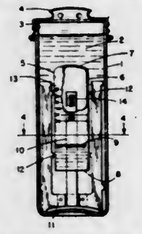
1. A wheel construction comprising half-portions assembled in complemental relation to form a complete wheel, with said half-portions providing centrally located alined bearing sleeves extending into registering recesses provided by said portions, a third sleeve extending within said first-named sleeves for receiving a supporting axle, and a locking device mounted on said third sleeve, within said recesses, for securing the wheel on said axle.

2,439,341
MOCCASIN WITH ORNAMENTAL EDGING
Charles Hlobil, Astoria, Long Island, N. Y.
Application May 18, 1945, Serial No. 594,390
1 Claim. (Cl. 36—11)



A slipper having a body portion comprising a sole and upper, said body portion being open at the top and perforated along the edges thereof, a plug set into said open top and having its peripheral edge perforated, and a lace passed through said perforations extended along the edge portions of said open top and said plug to elevate and maintain said upper in its final position and to hold said plug in position, said plug having a free back edge, and said lace being passed through openings extended along said back edge for stiffening and ornamenting the same.

2,439,342
PRESSURE MEASURING APPARATUS
William J. Hudson, Milwaukee, Wis.
Application February 23, 1944, Serial No. 523,778
8 Claims. (Cl. 73—403)

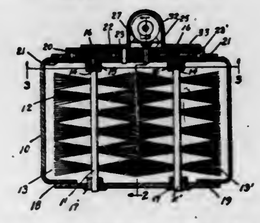


5. In an apparatus for indicating pressure variations the combination comprising transparent means containing a body of transparent liquid adapted to be put in contact with and subject to the pressure exerted by a medium to which said apparatus is to respond, a transparent responsive hollow member submerged within said liquid adapted to trap gas and to assume a submerged position of buoyant equilibrium, said hollow member having a downwardly facing opening in free communication with said liquid, an equilibrium restoring space occupying means positioned within said liquid and extending freely upwardly through said downwardly facing opening in said responsive hollow member and into the trapped gas contained therein, a plurality of externally visible pressure measuring scale markings vertically ranged on said transparent responsive hollow member, and an externally visible indicating mark on said space occupying means referable to said pressure measuring scale markings for reading the same.

2,439,343
LIQUID COPOLYMER OF BETA MYRCENE AND PARA METHYL STYRENE
Edward L. Kropa, Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application July 12, 1947, Serial No. 760,702
2 Claims. (Cl. 260—86)

1. A liquid copolymer of β-myrcene and p-methyl styrene in a weight ratio of 3:1, β-myrcene to p-methyl styrene.

2,439,344
MECHANICAL SCRUB BRUSH
Edward A. Miller, Milwaukee, Wis.
Application February 7, 1945, Serial No. 576,543
1 Claim. (Cl. 15—23)



A device of the character described comprising an enclosure open at its lower face and provided with vertical side walls, a handle horizontally attached at both ends to its upper face, a plurality

of cylindrically shaped brushes, said brushes consisting of horizontal shafts provided with bristles extending outward therefrom, one end of each of said shafts provided with a flat surface thereon, an auxiliary plate longitudinally disposed and parallel to one of the vertical walls of said enclosure, a corresponding number of auxiliary shafts mounted within bearings, said bearings supported by one of the vertical walls of said enclosure and said auxiliary plate, said auxiliary shafts provided with sockets adapted to receive the flat surface of said brush shafts, a detachable plate supported by another of the vertical walls of said enclosure, said detachable plate provided with bearings to support the other end of said shafts, spur gears mounted to said auxiliary shafts at a point between said auxiliary plate and the vertical wall of said enclosure, an intermediate gear, a shaft for supporting said intermediate gear in direct alignment and in engagement with one of said spur gears, a drive gear, said drive gear mounted on a shaft and engaging said auxiliary gear and one of said spur gears, the shaft supporting said drive gear provided at one of its ends with a beveled gear, a vertical shaft mounted to the outside of said auxiliary plate, said vertical shaft provided with a beveled gear for engagement with the beveled gear on said drive shaft, and means for rotatably actuating said vertical shaft thereby providing a rotating motion to said brushes, revolving said brushes in opposite relation to and away from one another at their point of contact of the bristles with the surface contacted.

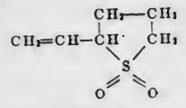
2,439,345

HYDROCARBON-SUBSTITUTED THIACYCLOPENTANE-1,1-DIOXIDE

Rupert C. Morris, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application July 13, 1943, Serial No. 494,587
4 Claims. (Cl. 260—329)

1. 2-vinyl-sulfolane having the general structural formula

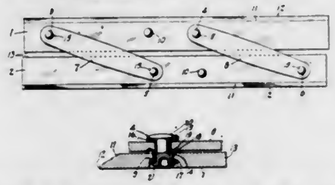


2,439,346

PARALLEL RULER AND METHOD OF MAKING THE SAME

James Nash, Milwaukee, Wis., assignor to Eclipse Moulded Products Company, Milwaukee, Wis., a corporation of Wisconsin

Application September 2, 1944, Serial No. 552,427
7 Claims. (Cl. 33—108)



5. A parallel ruler comprising a pair of blade members and link members with spaced holes to receive pivotal connections therefor with each connection comprising a rivet disposed within the concentrically aligned holes of a blade and link member and axially spaced from the walls of said members, a grommet disposed between the blade and link to separate the same, said grommet encircling said rivet within said blade and being seated at the upper end thereof in an annular groove in the bottom surface of the link around the hole therethrough to provide a bearing for said link, a resilient member encircling the upper end of the rivet above the link to maintain the seating of the grommet in said groove, and a washer encircling the lower end of the grommet, the lower end of said rivet being flared upwardly against said washer to secure the parts together.

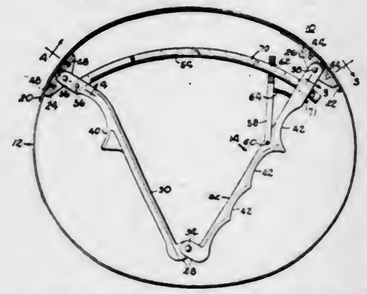
6. The method of making a parallel ruler which comprises providing a pair of blade members and a pair of link members for joining said blade members in parallel relation, pivotally connecting the respective members in vertically spaced relation with the links mounted above the blades, and laterally interlocking the links and blades at each pivotal connection to prevent lateral displacement of one member relative to another and maintain the blades in accurate parallel relation at all times.

2,439,347

HAT CLAMP

Henry M. Pernini, Chicago, and Nano F. Contardi, Highland Park, Ill.

Application August 7, 1946, Serial No. 688,938
12 Claims. (Cl. 223—25)



12. A clamp for use with a forming flange in the blocking of hats comprising a generally circular sweatband-engaging strip having overlapping ends, a generally V-shaped grip having legs pivoted for movement toward one another and lying within said circular strip, means connecting the movable ends of said legs to said overlapping ends respectively of said strip so that manual gripping pressure on said legs causes an increase in the average diameter of said circular strip, a locking bar pivoted to one of said legs and slidable transversely with respect to the other, means acting on the slidable end of said locking bar for maintaining said strip in a condition of selected average diameter, and means including indicia on said locking bar for indicating the selected average diameter of said strip directly in terms of hat size.

2,439,348

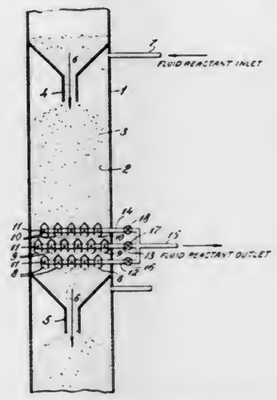
METHOD AND APPARATUS FOR CONVERSION OF HYDROCARBONS

Thomas P. Simpson, Woodbury, and Russell Lee and Frederick E. Ray, Mantua, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York

Application September 21, 1943, Serial No. 503,188
7 Claims. (Cl. 196—52)

1. That method for the conversion of hydrocarbons in the presence of a particle form solid

contact mass material which comprises moving the contact mass through a confined reaction zone as a compact downwardly flowing column, passing reactants at reaction conditions longitudinally through said column and concurrently therewith, and separating reactant from contact



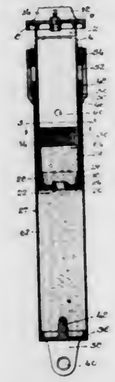
mass near the bottom of said column, in which the reactants are separated from contact mass at a disengaging surface located within said column the total area of which disengaging surface is substantially greater than the cross sectional area of the said column.

2,439,349

SHOCK STRUT

Carl E. Tack and Fred E. Bachman, Chicago, Ill., assignors to American Steel Foundries, Chicago, Ill., a corporation of New Jersey

Application October 6, 1944, Serial No. 557,420
3 Claims. (Cl. 267—64)



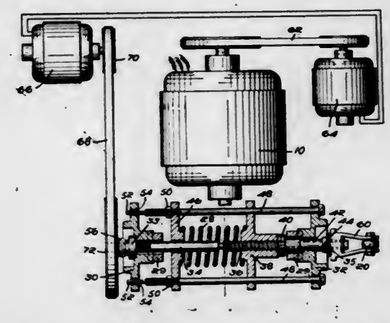
1. In an hydraulic shock absorber device, a bottom follower in the form of a cylinder containing hydraulic fluid, a top follower in the form of a hollow piston slidably reciprocal within said cylinder, said piston comprising a head at its lower end with a central orifice communicating with a chamber in said piston, a compressed gas spring in the upper extremity of said chamber for resisting the closure stroke of the device, means carried by said piston within said chamber intermediate said orifice and said spring for reducing the turbulence of the hydraulic fluid forced through said orifice on the closure stroke of the device, said means comprising a member with a plurality of fluid passages therethrough, the total cross-sectional area of said passages being greater than that of said orifice and affording a Reynold's number of less than two thousand, and a metering pin carried by said cylinder and adapted for reciprocation within said orifice at the end of said closure stroke, the length of said pin being substantially less than the distance between said orifice and said member.

2,439,350

AUTOMATIC ADJUSTMENT FOR ELEVATOR BRAKES

Arthur M. Tarbox, Belmont, Mass., assignor to F. S. Payne Co., Cambridge, Mass., a corporation of Massachusetts

Application October 9, 1943, Serial No. 505,631
10 Claims. (Cl. 188—171)



1. In an elevator brake, a pair of brake shoes, a pair of collars engaging said brake shoes, a shaft carried by said collars, a bearing on said shaft engaging one of said collars, a ring slidably mounted on said shaft intermediate said brake shoes, adjustable rods connecting said ring to the other of said collars, a screw thread on said shaft, a nut threaded on said shaft and held against rotation by said rods, a compression spring acting between said nut and said ring, said spring being effective to apply said brake shoes, and automatic means responsive to variations in speed of the elevator for turning the shaft while the brake is released to cause said nut to move longitudinally and compress said spring.

2,439,351

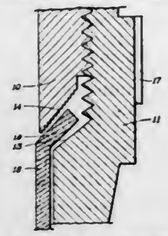
PLASTIC TUBE FITTING

Gordon B. Thayer, Saginaw, and Robert D. Lowry, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Delaware

Application January 3, 1944, Serial No. 516,760
2 Claims. (Cl. 285—86)

1. A plastic fitting for flexible plastic tubing, comprising: centrally bored threaded male and female plastic members having cooperating right frustro-conical surfaces around the bore adapted to grip the flared end of a flexible plastic tube when the members are screwed together, the vertical angle between the generatrix of the conical surface and the axis of the male member being 2° to 15° more acute than that of the female member, when said members are not tightly

screwed together; the frusto-conical tip of the male member being yieldable, under normal coup-



ling stresses, to assume a position parallel to the cooperating surface of the female member.

2,439,352

OPEN CHAIN ACTIVE METHYLENE COLOR COUPLERS

Arnold Weissberger and Henry D. Porter, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey

No Drawing. Application March 21, 1946, Serial No. 656,149
12 Claims. (Cl. 95—6)

1. A color-forming photographic developer comprising a primary aromatic amino developing agent and a coupler compound having the formula

R—COCH$_2$CONHCO—R'

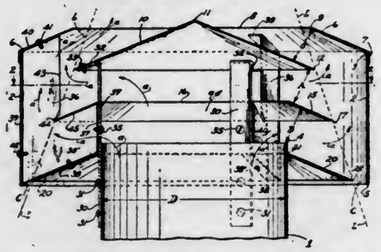
where R is selected from the class consisting of aryl and benzofuroyl radicals and R' is selected from the class consisting of alkyl and aryl radicals.

2,439,353

SMOKEJACK

Earl L. Wiseman, University Heights, Ohio, assignor to The Swartout Company, Cleveland, Ohio, a corporation of Ohio

Application January 17, 1945, Serial No. 573,237
5 Claims. (Cl. 98—84)



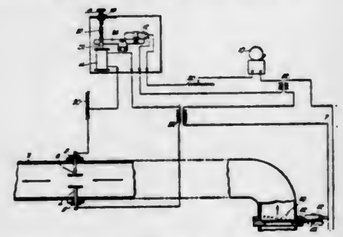
1. A smoke jack adapted to be associated with and supported by the open top end of a flue comprising a right conically formed cap with its apex disposed substantially in the axis of the flue and with its base edge of greater diameter than the flue, an annular storm band having a cylindrical part coaxial of the flue and extending from below the end of the flue to above the base edge of said conical cap and radially spaced from the edge of said cap and from said flue, said storm band also comprising an upper inturned inclined portion substantially paralleling the conical surface of said cap and spaced therefrom and defining a central circular opening coaxial of said flue and above the base edge of said cap, the apex of said cap protruding through said opening, a middle baffle of frusto-conical form disposed substantially midway between the end of the flue and said cap and having its surface inclined substantially parallel to the surface of said cap and having a circular opening coaxial of said flue and having its outer edge spaced from said storm band, a lower baffle of frusto-conical form pitched like said cap and said middle baffle having its inner upper edge substantially contacting the outer surface of said flue below the open end thereof and having its lower outer edge spaced from said storm band above the lower edge thereof and defining an annular opening therebetween of an area about one half the area of the area of said flue, vertical struts supported by the upper end of said flue and spaced circumferentially thereabout and having bent ends supporting said cap, and gussets having planar body parts lying in vertical radial planes outwardly of said struts and having bent edge portions secured to said struts and secured to said storm band and said lower baffle and securing same in assembled relation, said gussets also having notched edges supporting said middle baffle.

2,439,354

SUPERVISORY SIGNAL SYSTEM FOR WATER SOFTENERS

Herbert Wolcott, Columbia, Mo.

Application April 9, 1945, Serial No. 587,405
2 Claims. (Cl. 177—311)



1. Apparatus for testing water as to its hardness comprising, a conduit for passage of the water to be tested, an electric signal circuit provided with electrodes mounted in spaced relation in the path of the flow of water through said conduit, a circuit-breaking device included in said signal circuit, and a valve pivotally mounted within said conduit and having an exterior arm carrying said circuit-breaking device, whereby said valve is actuated by the flow of water through said conduit for automatically operating said device to maintain said circuit closed only when a normal flow of water is taking place through the conduit.

2,439,355

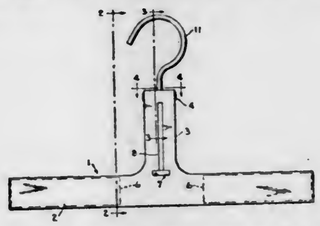
GARMENT HANGER

Robert H. Wollin, Milwaukee, Wis., assignor to William J. Nesbitt, Milwaukee, Wis.

Application July 1, 1946, Serial No. 680,635
1 Claim. (Cl. 223—96)

A garment hanger of the character described comprising, a pair of garment members, each having a base or cross-portion and an upwardly extending neck portion, said hanger members having inwardly extending marginal flanges to give the hanger members channel form, said flanges continuing to the upper ends of the neck portions and there provided with overlapping ear portions, a hinge pin extending through said ear

portions and fixed thereagainst to hingedly connect the hanger members together, said members having substantially co-planar outer surfaces coextensive with the hanger members and extending to the extreme upper ends of the neck portions, the latter having substantially centrally disposed slots therein extending lengthwise of the neck portions from just short of said hinge pin to said cross-portions, a key element having a substantially rectilinear shank extending through said slots with a non-rotative fit therein and provided at its opposite ends with rectilinear heads extending cross-wise of the slots and laterally beyond the same, said heads being engageable with



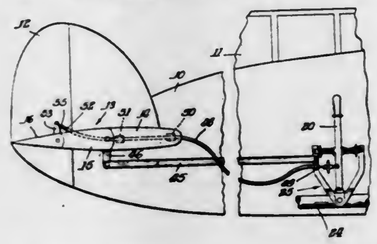
the outer sides of the neck portions along the slots and having inclined surfaces complementary to the angularity of the neck portions to move the garment members into clamping relation in the movement of the key element towards the cross-portions of the hanger members, a sleeve revolvably mounted on the hinge pin and having its ends opposed to the ear portions, and a hook member fixed to the sleeve for suspending the hanger member from an overhead support, said flanges at the upper ends of the neck portions being substantially parallel to the sleeve and limiting the lateral swing movement of the hook member.

2,439,356

CONTROL MECHANISM FOR RELATED CONTROL OF OPERATED MECHANISMS

Charles A. Arens, Chicago, Ill., assignor to Arens Controls, Inc., Chicago, Ill., a corporation of Illinois

Application November 8, 1943, Serial No. 509,399
2 Claims. (Cl. 74—470)



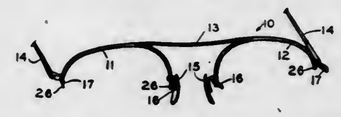
1. A control mechanism comprising a pair of operating members adapted selectively to effect the operation of a pair of operated devices, a composite control assembly comprising a pair of spring interconnected shiftable control members operatively connected to said operating members, one of said operating members being selectively actuated by the control members upon movement of the control members as a unit through a predetermined path of travel, and the other of said operating members being selectively actuated by the control members upon the shifting of one of said control members relative to the other along the same path of travel upon the yielding of said spring.

2,439,357

LENS HOLDING MEANS FOR SEMIRIMLESS TENSION SPECTACLE MOUNTINGS

Samuel E. Bouchard, Brighton, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York

Application October 11, 1945, Serial No. 621,698
3 Claims. (Cl. 88—47)



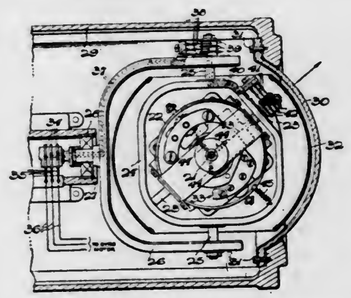
1. As an article of manufacture an ophthalmic mounting comprising a pair of spaced, resilient frame members, bridge means connecting the frame members, each of said members being curved so as to extend along the periphery of a lens which is adapted to be positioned against the front side of the member, each of said members having relatively straight bendable arms extending forwardly from its nasal and temporal portions, each of said arms having a substantially uniform cross sectional area throughout its length, the lengths of said arms being greater than the thickness of the thickest lenses which are to be positioned against the members whereby lenses of various thicknesses having nasal and temporal edge notches may be mounted in front of said members with the arms yieldably engaging the respective notches and the ends of the arms may be bent over at angles so as to engage the front faces of the lenses.

2,439,358

ATTITUDE GYRO

Richard L. Divoll, Concord, Mass., assignor to Bendix Aviation Corporation, Teterboro, N. J., a corporation of Delaware

Application July 3, 1945, Serial No. 603,047
6 Claims. (Cl. 74—5)



1. A navigational instrument for aircraft comprising a housing, a gyroscopic device within said housing comprising a rotor adapted for spinning about a normally vertical axis, a gimbal for supporting said rotor for oscillation about a first horizontal axis arranged at an angle to the fore and aft craft axis and about a second horizontal

axis parallel with the craft transverse axis, means rotatably mounted within said housing for supporting said gimbal for oscillation about a third horizontal axis aligned with the craft's fore and aft axis, all of said axes of oscillation being contained in a common and normally horizontal plane, and resilient means for maintaining a predetermined relation between said gimbal and said rotor.

2,439,359

PRODUCTION OF AMINOPROPIONITRILES

James K. Dixon, Riverside, Conn., and Elmer W. Cook, New York, N. Y., assignors to American Cyanamid Company, New York, N. Y., a corporation of Maine

No Drawing. Application January 8, 1946, Serial No. 639,904
7 Claims. (Cl. 260—464)

1. A method of producing an N-substituted β-aminopropionitrile which comprises bringing together ethylene cyanohydrin and a compound chosen from the group consisting of a heterocyclic amine which contains a hydrogen atom attached to nitrogen, and an aliphatic amine of the formula



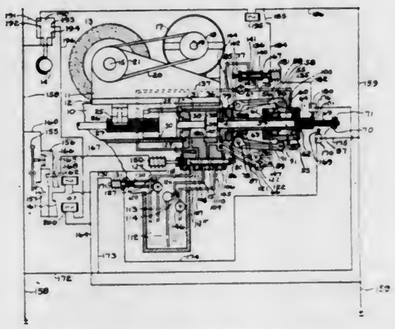
wherein R represents an aliphatic hydrocarbon radical and R' is a member of the group consisting of hydrogen and an aliphatic hydrocarbon radical, in the presence of a dehydration catalyst maintained at a temperature within the range of from about 225° C. to about 450° C.

2,439,360

INFEED FOR GRINDING MACHINES

William L. Drown, Paxton, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application September 28, 1946, Serial No. 700,035
13 Claims. (Cl. 51—2)



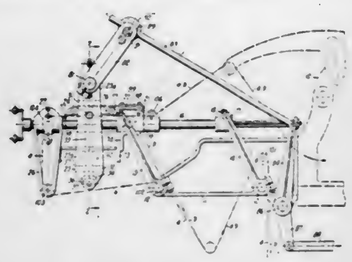
1. In a grinding machine a cross slide mounted on ways, a feed shaft connected to said cross slide, means to move said cross slide in either direction, abutment means to control final movement of said cross slide in one direction including a collar on said shaft, a sleeve slidable on said shaft to abut said collar after movement of said shaft in one direction, a piston fixedly mounted on said sleeve, a cylinder slidably mounted on said piston and sleeve having cam surfaces to actuate said abutment means and fluid pressure means to actuate said cylinder.

2,439,361

LABEL OR LINER APPLYING MACHINE

Rene J. Gaubert, Oakland, Calif., assignor to Simplex Wrapping Machine Co., Oakland, Calif., a corporation of California

Application June 11, 1943, Serial No. 490,411
4 Claims. (Cl. 154—36)



1. In a machine for use with mechanism to which superposed webs of material like moisture proof cellulose film or rubber hydrochloride are being fed, where the mechanism performs folding and sealing operations on superposed portions of the two webs, means for supporting a stack of sheets to be applied at regular intervals to the lower side of one web, means for causing one of the webs to travel over the top of the stack of sheets, a heater overlying the stack and the web, means for moving the heater in a vertical direction to press the web upon the stack, thereby heat bonding the top sheet of the stack to the under side of the web, and means for bringing the second web into registry with the lower side of the first named web, after sheets have been bonded to the first named web.

2,439,362

METHOD AND MEANS FOR ADJUSTING CONTACTS

Franklin C. Gill, Flint, Mich.

Application May 17, 1944, Serial No. 536,059
4 Claims. (Cl. 177—311)



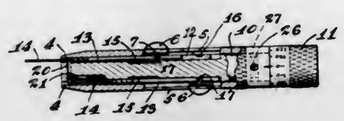
2. In a method for adjusting a plurality of control contacts in a tracer head for a profiling machine whose follower arm varies the position of rapidly vibrating contacts that cooperate with the control contacts to control the machine, the steps of inserting in the control circuit lamps to indicate the flow of current therethrough, adjusting a portion of the contacts until a portion of the lamps are fully illuminated with the follower arm in neutral position, moving the follower arm to a displaced position and adjusting the remainder of the contacts until the remainder of the lamps are illuminated equally at approximately one-half full brilliance, said adjustment being of such degree that the transition from neutral to displaced position of the follower causes the first illuminated lamps to dim and the second mentioned lamps to gradually brighten to full brilliance at the maximum displacement and the first to be extinguished.

2,439,363

GAP GAUGE FOR SPARK PLUGS

Louis A. Habicht and Howard H. Vogel, Toledo, Ohio, assignors to Champion Spark Plug Company, Toledo, Ohio, a corporation of Delaware

Application January 15, 1945, Serial No. 572,952
8 Claims. (Cl. 33—168)



8. In a spark plug gap gauge, a barrel-like holder having two holes in one end, a magazine having a plurality of circumferentially spaced longitudinally extending passages therein, said magazine being rotatable in the holder to place the passages of predetermined pairs in register with respective of said holes, a gap gauge member slidable in each passage to be enclosed within the holder or projected in usable position therefrom through a registering hole, and a slide carried by the holder in association with each hole and being operable to project a registering member through a hole with which it registers or to retract the member within the holder and to lock the magazine and holder against relative rotary movements except when the slide and an engaged member are in retracted positions.

2,439,364

CLAMP

John W. King and James J. McNamee, Cleveland, Ohio, assignors to Miles Park Machine & Tool, Inc., Cleveland, Ohio, a corporation of Ohio

Application March 12, 1947, Serial No. 734,152
2 Claims. (Cl. 85—3)



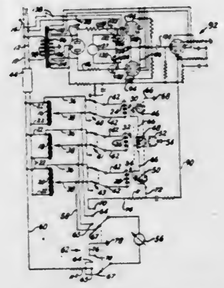
1. A clamp for clamping walls together consisting of a bolt having a head and a screw threaded shank, a nut on said shank, said head and nut being arranged to operate as abutment elements, a washer through which the shank extends and an anchor member shaped to provide a back and laterally extending side walls spaced to engage the opposite sides of either of said elements, the back being formed with an opening through which said shank loosely extends elongated longitudinally of the back and providing at its opposite sides a seat for either of said elements and a separate transversely elongated opening extending between said side walls, said back between said openings being transversely embossed arcuately in a direction opposite to said side walls and said back between the remote end of said elongated opening and the adjacent end of said back being transversely embossed arcuately in the direction of said side walls, said bolt and said anchor member being freely swingable one relative to the other to nest the bolt in said arcuate embossments with the adjacent abutment element in said separate opening when the shank and anchor member are to be projected through openings in the walls to be clamped.

2,439,365

COMPUTER

Wolfgang B. Klemperer, Los Angeles, and Everett H. Pier, West Los Angeles, Calif., assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif.

Application February 15, 1943, Serial No. 476,030
10 Claims. (Cl. 235—61)



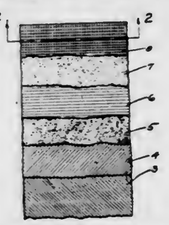
1. A computer for evaluating datum quantities having vectorial features, comprising: a source of alternating current; a plurality of conductor paths, said paths carrying currents of identical frequency and phase, branching off from said source; means for individually adjusting the potentials of said conductor paths to values proportional to the respective values of the datum quantities; inductive transformer means, the primaries of which respectively terminate the respective conductor paths, said transformer means including rotary secondaries having primary-coupling angles permanently arranged with respect to each other at equal parts of 360° and so operable as to concurrently modify the values of the secondary output potentials by factors related to each other as sine functions spaced at geometrical angles equal to the angular intervals of the directions of said vectorial features associated with said datum quantities; means for connecting said modified secondary potentials in a series circuit; and means for indicating the value of the potential across the outside terminals of said series circuit.

2,439,366

SELF-SEALING CONTAINER

Leone McLaughlin, Akron, Ohio, assignor to Wingfoot Corporation, Akron, Ohio, a corporation of Delaware

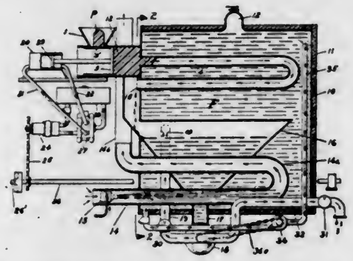
Application February 24, 1941, Serial No. 380,259
4 Claims. (Cl. 154—43.5)



1. A liner for self-sealing containers adapted to hold liquid hydrocarbons comprising a layer of partially cured rubber, two plies of weftless or broken-weft fabric with the warp threads of each at cross angles to those of the other bonded together and to one side of said rubber layer, a

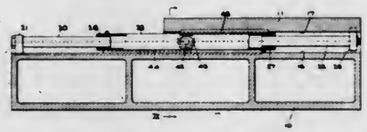
third ply of weftless or broken-weft fabric bonded to the other side of said rubber layer with the warp threads at an intermediate angle to the warp threads of the other two plies and a ply of polymerized chlorobutadiene coated fabric bonded to said third fabric ply.

2,439,367
APPARATUS FOR MELTING PLASTIC COMPOSITIONS
William F. Middlestadt, Baltimore, Md., assignor to The James Gibbons Company, Relay, Md.
Application December 27, 1945, Serial No. 637,433
3 Claims. (Cl. 126—343.5)



1. An apparatus for transforming a solid thermoplastic rubbery composition composed of rubber and/or bitumen, resins and inert fillers to a liquid pourable state, comprising a closed housing containing a heated liquid medium therein, a combustion gas conduit for heating said liquid medium, conduits disposed in said housing, hydraulically operated means for forcing said thermoplastic rubbery composition through said conduits in heat exchange relation to said liquid medium to transform said composition into molten particles, a container in said housing for receiving the extruded molten particles of said composition and means for applying additional heat thereto to liquefy the composition for hot flow purposes with no chemical breakdown or segregation of the constituents thereof, a pipe extending into said housing and opening into said container, a recirculating pump having the inlet thereof connected to the outlet of said container and the outlet of said pump connected to said pipe and control valve means in said pipe for controlling the quantity of the molten mass undergoing recirculation in and withdrawal from the apparatus.

2,439,368
MACHINE TOOL
Frederick E. Munschauer, Buffalo, N. Y., assignor to Niagara Machine & Tool Works, Buffalo, N. Y.
Original application June 1, 1945, Serial No. 597,137. Divided and this application May 22, 1947, Serial No. 749,697
4 Claims. (Cl. 51—233)

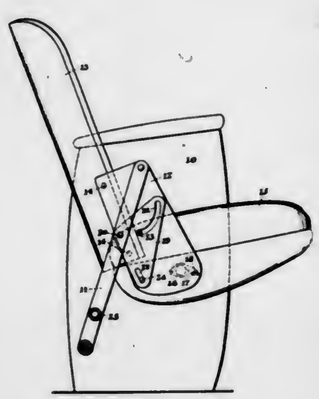


1. In a machine tool, a bed, a work table mounted for guided lineal movement thereon, and drive means for effecting lineal movement thereof, said drive means comprising a cylinder guided for longitudinal movement in the direction of its axis and parallel to the path of movement of said work table, piston means fixed relative to said bed and movable axially in said cylinder, other piston means fixed relative to said work table and movable axially in said cylinder, whereby fluid pressure in said cylinder between said piston means moves the latter relatively apart, gear means carried by said cylinder for free rotation, a rack fixed to said bed and meshing with said gear means, and a second rack fixed to said work table and meshing with said gear means at its opposite side, whereby said cylinder automatically moves along said bed at a rate bearing a fixed fractional relation to the rate of movement of the work table.

2,439,369
CONDENSATION DERIVATIVES OF RUBBER
William Howard Nicol, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Akron, Ohio, a corporation of Delaware
No Drawing. Application November 15, 1943, Serial No. 510,383
3 Claims. (Cl. 260—768)

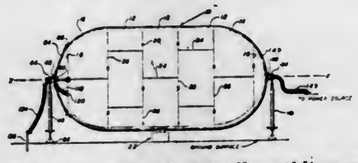
1. An adhesive which comprises a condensation derivative of rubber and a small amount of an organic diisocyanate.

2,439,370
RETRACTING TYPE THEATER CHAIR
Merritt K. Orton, Grand Rapids, Mich., assignor to American Seating Company, Grand Rapids, Mich., a corporation of New Jersey
Application July 26, 1946, Serial No. 686,326
2 Claims. (Cl. 155—116)



1. In a chair, a frame, spaced supporting links having their lower ends pivotally associated with the frame, side plates having their upper ends pivotally connected to the upper ends of the supporting links, a chair back and a chair seat mounted on said side plates, guide members pivotally connected to the supporting links and having pairs of guide slots therein, pins on the frame extending into one pair of said guide slots, and pins on the side plates extending into the other pair of said guide slots.

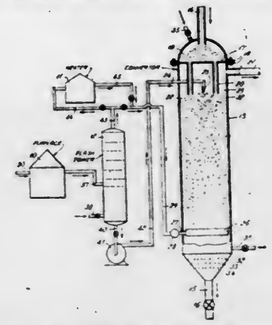
2,439,371
GROUNDING SYSTEM FOR GAS TANK WELDERS
William A. Sandberg, Los Angeles, Calif., assignor to Lacy Manufacturing Company, Los Angeles, Calif., a corporation of California
Application October 3, 1947, Serial No. 777,813
4 Claims. (Cl. 219—17)



1. In apparatus for electrically welding seams of a cylindrical tank structure comprising metal ring sections and at least one centrally open metal head section all secured together and mounted for rotation in a cradle about a horizontal axis, the improved electrical grounding system which comprises a conductor rod firmly mounted on said head section coaxially with said tank and in electrical communication with said sections, a conductor terminal arranged to be maintained in sliding contact with said conductor as said tank is rotated to facilitate welding the seams, and a grounding conductor connected at one end to said conductor terminal and at the other end to ground.

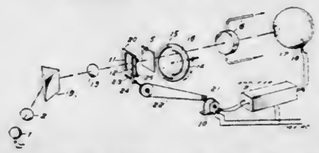
2,439,372
METHOD FOR HYDROCARBON CONVERSION
Thomas P. Simpson, Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
Application June 12, 1946, Serial No. 676,222
14 Claims. (Cl. 196—52)

1. A method for conversion of gaseous and high boiling liquid hydrocarbon charges in the presence of a moving contact material which comprises: passing a particle form solid contact material at a suitable conversion supporting temperature through a confined conversion zone as a substantially compact, vertical column of downwardly moving particles, introducing a gaseous hydrocarbon charge into said column in the lower section of said conversion zone and passing said gaseous hydrocarbon charge upwardly through said column to effect its conversion to a gaseous product containing lower boiling hydrocarbons, distributing a high boiling liquid hydrocarbon charge onto the contact material in said column in said conversion zone at at least one level substantially above the level of gaseous hydrocarbon introduction to effect conversion of said liquid hydrocarbons to a lower boiling gaseous hydrocarbon product and withdrawing the



mixed gaseous products from the upper section of said conversion zone above the level of liquid and gaseous hydrocarbon introduction.

2,439,373
FLICKERING BEAM PHOTOMETER
Edwin I. Stearns, Jr., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y., a corporation of Maine
Application September 27, 1944, Serial No. 555,941
2 Claims. (Cl. 250—41.5)

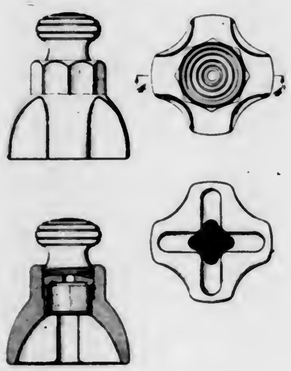


1. A flickering beam photometer comprising in optical alignment a source of radiation of wave length sufficiently short to obey optical laws, dispersing means capable of producing a spectrum, an opaque plate provided with two openings passing two beams of spectral characteristics, means for containing a sample to be measured in the path of said two beams, a radiation detector receiving light from the two beams and capable of transforming variations in radiant energy into radiations of electrical current, and means for rapidly and alternately occulting first one beam and then the other.

DESIGNS

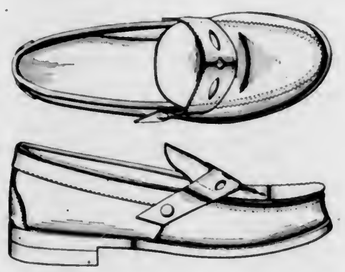
APRIL 6, 1948

149,159
DESIGN FOR AN APPLICATOR OR SIMILAR ARTICLE FOR BEAUTY AND HEALTH TREATMENTS
Dolletta M. Ackerman, Los Angeles, Calif.
Application June 29, 1946, Serial No. 131,177
Term of patent 14 years
(Cl. D83—1)



The ornamental design for an applicator or similar article for beauty and health treatments, as shown.

149,160
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Russell Bodie, Honesdale, and Stanley C. Bronson, Seelyville, Pa.
Application June 4, 1947, Serial No. 139,448
Term of patent 14 years
(Cl. D7—7)



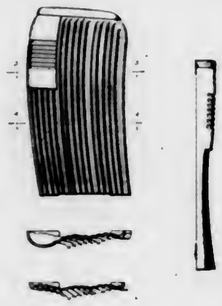
The ornamental design for a shoe or similar article, as shown.

149,161
DESIGN FOR A FOLDING CHAIR
Willard H. Bond, Jr., Grand Rapids, Mich., assignor to American Seating Company, Grand Rapids, Mich., a corporation of New Jersey
Application October 21, 1946, Serial No. 134,108
Term of patent 14 years
(Cl. D15—1)



The ornamental design for a folding chair, substantially as shown.

149,162
DESIGN FOR A CHAIR END STANDARD
Willard H. Bond, Jr., Grand Rapids, Mich., assignor to American Seating Company, Grand Rapids, Mich., a corporation of New Jersey
Application November 7, 1946, Serial No. 134,579
Term of patent 14 years
(Cl. D15—8)



The ornamental design for a chair end standard, substantially as shown.

149,163
DESIGN FOR A DESK ORNAMENT
Violet Brown, Wrentham, Mass., assignor to R. M. Jordan & Company, Inc., a corporation of Rhode Island
Application September 10, 1946, Serial No. 133,212
Term of patent 3½ years
(Cl. D29—23)



The ornamental design for a desk ornament, substantially as shown.

149,164
DESIGN FOR A DESK ORNAMENT
Violet Brown, Wrentham, Mass., assignor to R. M. Jordan & Company, Inc., a corporation of Rhode Island
Application September 10, 1946, Serial No. 133,215
Term of patent 3½ years
(Cl. D29—23)



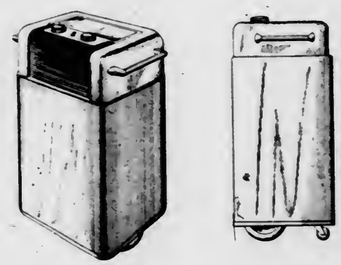
The ornamental design for a desk ornament, substantially as shown.

149,165
DESIGN FOR A WALKING FIGURE TOY
Salvatore Capillo, Ossining, N. Y.
Application August 26, 1946, Serial No. 132,874
Term of patent 14 years
(Cl. D34—15)



The ornamental design for a walking figure toy, as shown and described.

149,166
DESIGN FOR A PORTABLE ELECTRIC RECTIFIER
Dave Chapman, Chicago, Ill., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
Application May 23, 1946, Serial No. 130,026
Term of patent 7 years
(Cl. D26—5)



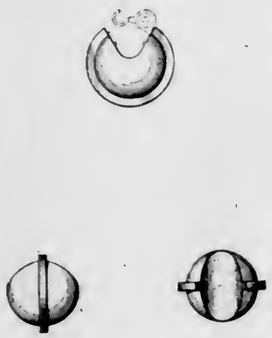
The ornamental design for a portable electric rectifier, as shown.

149,167
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Michael Chernow, New York, N. Y.
Application March 18, 1947, Serial No. 137,705
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

149,168
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Michael Chernow, New York, N. Y.
Application March 18, 1947, Serial No. 137,706
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

149,169
DESIGN FOR AN EARRING OR THE LIKE
Michael Chernow, New York, N. Y.
Application April 8, 1947, Serial No. 138,237
Term of patent 7 years
(Cl. D45—9)



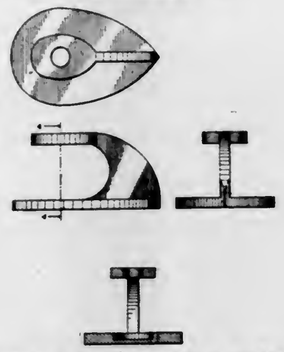
The ornamental design for an earring or the like, substantially as shown and described.

149,170
DESIGN FOR AN EARRING OR THE LIKE
Michael Chernow, New York, N. Y.
Application April 8, 1947, Serial No. 138,238
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or the like, substantially as shown and described.

149,171
DESIGN FOR A COFFEE MAKER STAND
Jerome Cohen, Arverne, N. Y.
Application June 7, 1946, Serial No. 130,505
Term of patent 3½ years
(Cl. D44—26)



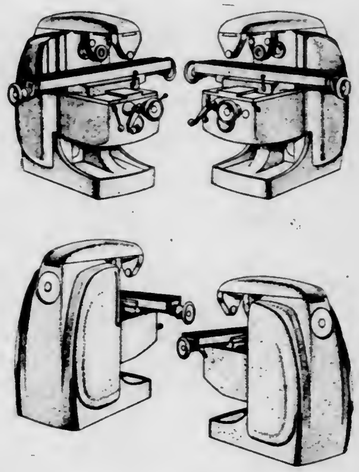
The ornamental design for a coffee maker stand, as shown.

149,172
DESIGN FOR A DOLL
Roger de Vries, Plainfield, N. J.
Application May 10, 1946, Serial No. 129,553
Term of patent 14 years
(Cl. D34—4)



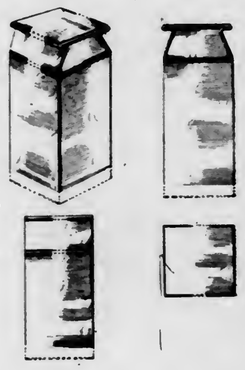
The ornamental design for a doll, substantially as shown.

149,173
DESIGN FOR A MILLING MACHINE
William B. Dulaney, Cincinnati, Ohio, assignor to The Cleveland Automatic Machine Company, Norwood, Ohio, a corporation of Ohio
Application November 22, 1946, Serial No. 135,023
Term of patent 14 years
(Cl. D54—14)



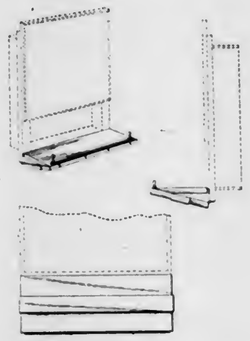
The ornamental design for a milling machine, as shown.

149,174
DESIGN FOR A BOXLIKE CONTAINER
Wilfred A. Eaton, Woodbury, Conn., assignor to Sanford Products, Inc., Woodbury, Conn., a corporation of Delaware
Application February 5, 1948, Serial No. 144,316
In Canada June 24, 1946
Term of patent 14 years
(Cl. D58—12)



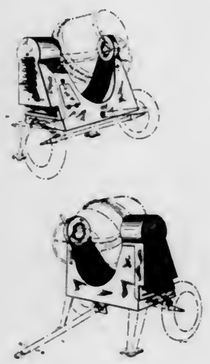
The ornamental design for a boxlike container, substantially as shown and described.

149,175
DESIGN FOR A SHELF FOR BATHROOM CABINET OR SIMILAR ARTICLE
Walter Fanelli, South Euclid, Ohio, and Carl A. Laystrom, Chicago, Ill., assignors to Faries Manufacturing Company, Decatur, Ill., a corporation of Illinois
Application June 19, 1946, Serial No. 130,860
Term of patent 14 years
(Cl. D33—3)



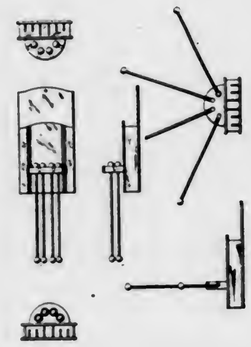
The ornamental design for a shelf for bathroom cabinet or similar article, as shown and described.

149,176
DESIGN FOR A TILTING TYPE CONCRETE MIXER
George A. Fleischmann, Milwaukee, Wis., assignor to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin
Application July 12, 1946, Serial No. 131,528
Term of patent 14 years
(Cl. D14—3)



The ornamental design for a tilting type concrete mixer, substantially as shown and described.

149,177
DESIGN FOR A COMBINED KNIFE HOLDER AND TOWEL RACK
John T. Generale, Pelham Manor, N. Y.
Application October 1, 1946, Serial No. 133,678
Term of patent 3½ years
(Cl. D44—29)



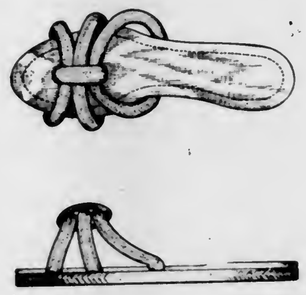
The ornamental design for a combined knife holder and towel rack, substantially as shown.

149,178
DESIGN FOR A BOTTLE
Hugh Genske, Philadelphia, Pa.
Application October 22, 1945, Serial No. 123,094
Term of patent 7 years
(Cl. D58—8)



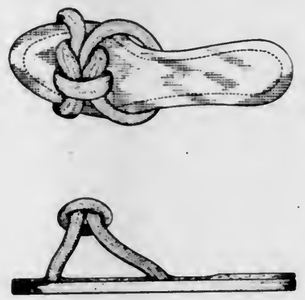
The ornamental design for a bottle, as shown.

149,179
DESIGN FOR A SLIPPER OR SIMILAR ARTICLE
Jon Gregg, New Hope, Pa.
Application August 2, 1946, Serial No. 132,207
Term of patent 3½ years
(Cl. D7—7)



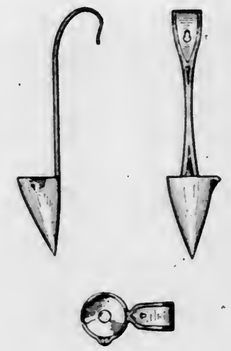
The ornamental design for a slipper or similar article, as shown.

149,180
DESIGN FOR A SLIPPER OR SIMILAR ARTICLE
Jon Gregg, New Hope, Pa.
Application August 2, 1946, Serial No. 132,208
Term of patent 3½ years
(Cl. D7—7)



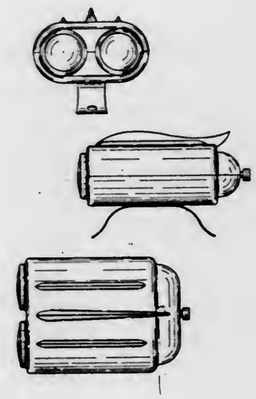
The ornamental design for a slipper or similar article, as shown.

149,181
DESIGN FOR A CREAM SKIMMER
Florence E. Hale, Kit Carson, Colo.
Application February 5, 1946, Serial No. 126,262
Term of patent 3½ years
(Cl. D44—29)



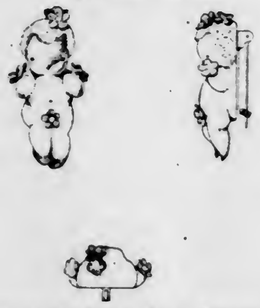
The ornamental design for a cream skimmer, as shown.

149,182
DESIGN FOR A BICYCLE HEADLIGHT
Orlando F. Ingle, Richmond, Ind., assignor to Herbert T. King, Union City, Ind., and T. Ivan King, Centerville, Ind.
Application June 11, 1946, Serial No. 130,640
Term of patent 14 years
(Cl. D48—24)



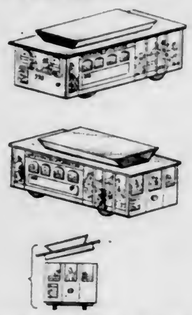
The ornamental design for a bicycle headlight, substantially as shown.

149,183
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Norma E. Jansen, Oakland, Calif.
Application February 7, 1946, Serial No. 126,352
Term of patent 3½ years
(Cl. D45—19)



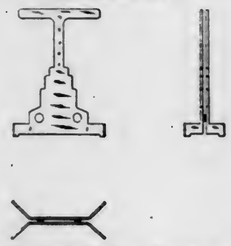
The ornamental design for a brooch or similar article, substantially as shown.

149,184
DESIGN FOR A NOVELTY BOX
Geraldine H. Jolley, San Francisco, Calif.
Application May 10, 1946, Serial No. 129,555
Term of patent 7 years
(Cl. D58—11)



The ornamental design for a novelty box, as shown.

149,185
DESIGN FOR A NAPKIN HOLDER
Bernard Katshen, Sr., San Francisco, Calif.
Application March 11, 1946, Serial No. 127,363
Term of patent 3½ years
(Cl. D44—24)



The ornamental design for a napkin holder, substantially as shown.

149,186
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro Inc., New York, N. Y., a corporation of New York
Application March 12, 1947, Serial No. 137,540
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

149,187
DESIGN FOR A SEPARABLE BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 13, 1947, Serial No. 137,572
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a separable brooch or similar article, substantially as shown.

149,188
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 13, 1947, Serial No. 137,574
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown.

149,189
DESIGN FOR A SEPARABLE BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 13, 1947, Serial No. 137,578
Term of patent 7 years
(Cl. D45—19)



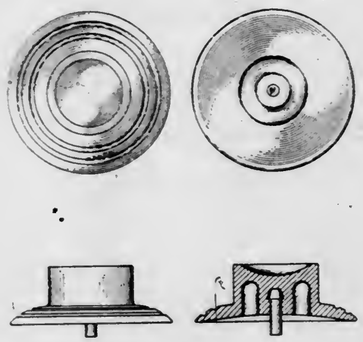
The ornamental design for a separable brooch or similar article, substantially as shown.

149,190
DESIGN FOR A FINGER RING
Felix P. Kinsley, St. Louis, Mo.
Application February 17, 1947, Serial No. 136,945
Term of patent 14 years
(Cl. D45—10)



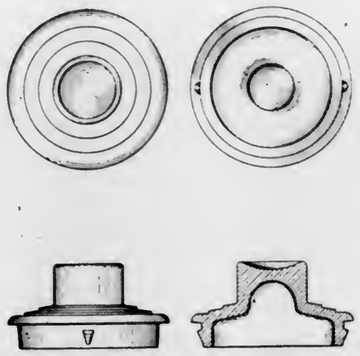
The ornamental design for a finger ring, as shown and described.

149,191
DESIGN FOR A KNOB FOR KITCHEN UTENSILS
Richard F. Krause, Massillon, Ohio, assignor to The Enterprise Aluminum Company, Massillon, Ohio, a corporation of Ohio
Application October 2, 1946, Serial No. 133,700
Term of patent 7 years
(Cl. D44—29)



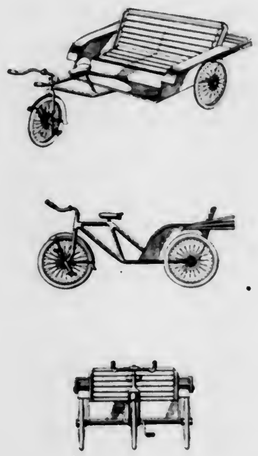
The ornamental design for a knob for kitchen utensils, substantially as shown.

149,192
DESIGN FOR A PERCOLATOR TOP
Richard F. Krause, Massillon, Ohio, assignor to The Enterprise Aluminum Company, Massillon, Ohio, a corporation of Ohio
Application October 2, 1946, Serial No. 133,701
Term of patent 7 years
(Cl. D44—26)



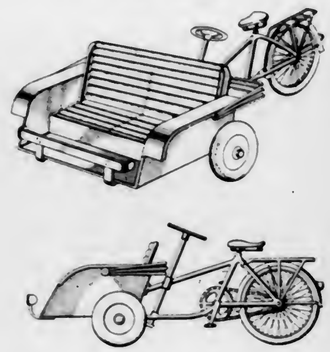
The ornamental design for a percolator top, substantially as shown.

149,193
DESIGN FOR A WHEELED VEHICLE OR SIMILAR ARTICLE
Edward Larralde, La Canada, Calif., assignor to A. C. Mfg. Co., Van Nuys, Calif., a corporation of California
Application January 13, 1947, Serial No. 136,127
Term of patent 3½ years
(Cl. D14—3)



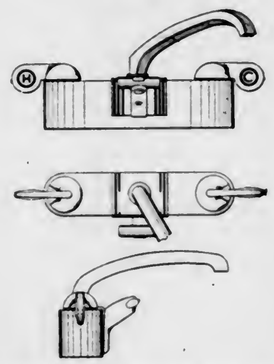
The ornamental design for a wheeled vehicle or similar article, substantially as shown.

149,194
DESIGN FOR A WHEELED VEHICLE OR SIMILAR ARTICLE
Edward Larralde, La Canada, Calif., assignor to A. C. Mfg. Co., Van Nuys, Calif., a corporation of California
Application January 13, 1947, Serial No. 136,128
Term of patent 3½ years
(Cl. D14—3)



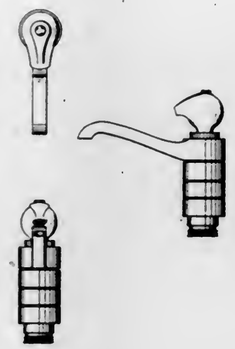
The ornamental design for a wheeled vehicle or similar article, substantially as shown.

149,195
DESIGN FOR A SINK FIXTURE
John M. Little, Toledo, Ohio
Application October 9, 1946, Serial No. 133,853
Term of patent 14 years
(Cl. D91—3)



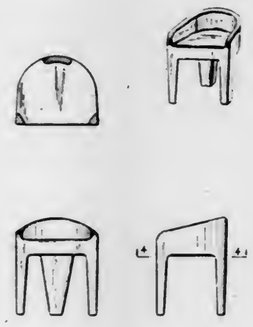
The ornamental design for sink fixture, substantially as described and shown.

149,196
DESIGN FOR A FAUCET UNIT
John M. Little and Amy L. Thomssen, Toledo, Ohio
Application October 9, 1946, Serial No. 133,854
Term of patent 14 years
(Cl. D91—3)



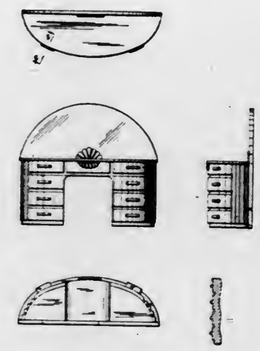
The ornamental design for a faucet unit, substantially as shown.

149,197
DESIGN FOR A BATHROOM VANITY CHAIR
Eugene J. Lux, New York, N. Y., assignor to Columbia Protektosite Company, Inc., Carlstadt, N. J., a corporation of New Jersey
Application September 14, 1946, Serial No. 133,332
Term of patent 7 years
(Cl. D15—8)



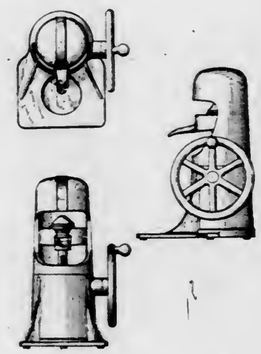
The ornamental design for a bathroom vanity chair, substantially as shown.

149,198
DESIGN FOR A TOY VANITY
Eugene J. Lux, New York, N. Y., assignor to Columbia Protektosite Company, Inc., Carlstadt, N. J., a corporation of New Jersey
Application September 14, 1946, Serial No. 133,334
Term of patent 7 years
(Cl. D34—15)



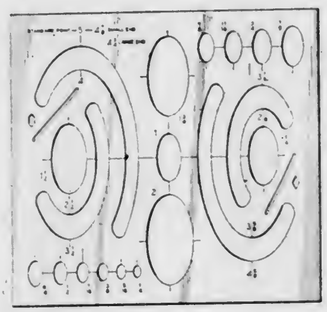
The ornamental design for a toy vanity, substantially as shown.

149,199
DESIGN FOR A FRUIT JUICER
Archibald L. Lynne, Chicago, Ill.
Application August 13, 1946, Serial No. 132,492
Term of patent 3½ years
(Cl. D89—1)



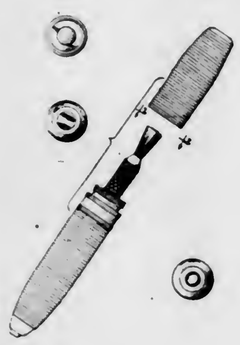
The ornamental design for a fruit juicer, as shown.

149,200
DESIGN FOR A DRAFTING TEMPLET
Raymond I. Martin, South Bend, Ind., assignor to Keuffel & Esser Company, Hoboken, N. J., a corporation of New Jersey
Application April 6, 1946, Serial No. 128,335
Term of patent 14 years
(Cl. D52—1)



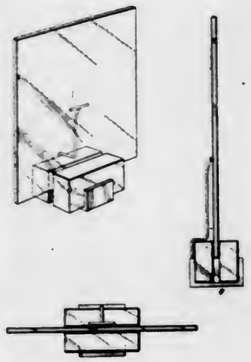
The ornamental design for a drafting templet, as shown.

149,201
DESIGN FOR A COMBINED BRUSH FOR CAMERA LENS AND CONTAINER FOR CLEANING FLUID
Richard F. Matthews, Huntington Park, Calif.
Application May 4, 1946, Serial No. 129,338
Term of patent 14 years
(Cl. D61—1)



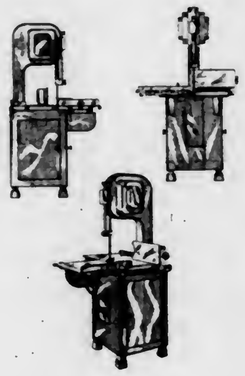
The ornamental design for a combined brush for camera lens and container for cleaning fluid, substantially as shown.

149,202
DESIGN FOR A PICTURE FRAME
Syrie Maugham, New York, N. Y.
Application December 13, 1947, Serial No. 143,125
Term of patent 3½ years
(Cl. D29—20)



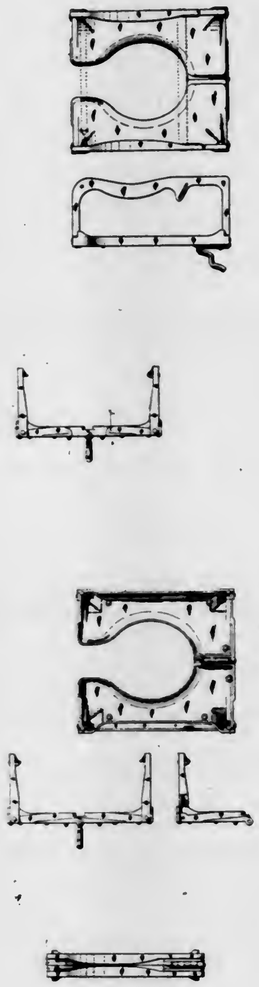
The ornamental design for a picture frame, as shown.

149,203
DESIGN FOR A MEAT SAW
David A. Meeker, Gerald B. Fox, and Burton E. Sullenberger, Troy, Ohio, assignors to The Hobart Manufacturing Company, Troy, Ohio, a corporation of Ohio
Application February 20, 1946, Serial No. 126,756
Term of patent 14 years
(Cl. D55—1)



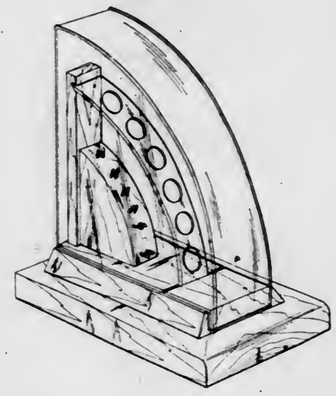
The ornamental design for a meat saw, substantially as shown and described.

149,204
DESIGN FOR A CHILD'S FOLDABLE TOILET SEAT
Leonard C. Neufeld, Des Moines, Iowa, assignor to Fel-Dee Seat Company, Des Moines, Iowa, a corporation of Iowa
Application December 26, 1946, Serial No. 135,775
Term of patent 14 years
(Cl. D4—5)



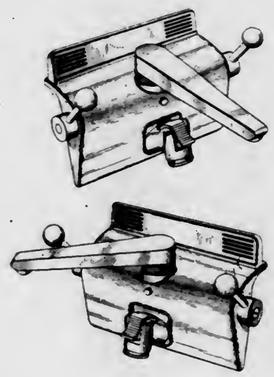
The ornamental design for a child's foldable toilet seat, substantially as shown and described.

149,205
DESIGN FOR A DISPLAY STAND OR SIMILAR ARTICLE
Monroe H. Newman, Brooklyn, N. Y., assignor to Duranol Products, Inc., Brooklyn, N. Y., a corporation of New York
Application November 22, 1946, Serial No. 135,018
Term of patent 3½ years
(Cl. D80—9)



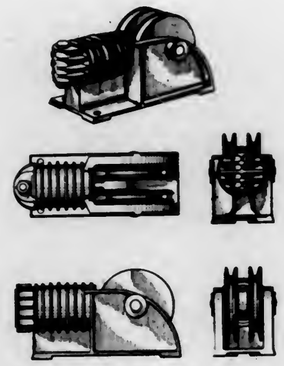
The ornamental design for a display stand or similar article, as shown.

149,206
DESIGN FOR A FAUCET UNIT
Carl Louis Otto, New York, N. Y., assignor to The Aviation Corporation, New York, N. Y., a corporation of Delaware
Application January 30, 1947, Serial No. 136,520
Term of patent 14 years
(Cl. D91—3)



The ornamental design for a faucet unit, substantially as shown and described.

149,207
DESIGN FOR A COMPRESSOR
Wilbur P. Peterson, Independence, Mo.
Application November 25, 1946, Serial No. 135,067
Term of patent 7 years
(Cl. D65—1)



The ornamental design for a compressor, substantially as shown.

149,208
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application February 21, 1947, Serial No. 137,059
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

149,209
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application February 21, 1947, Serial No. 137,060
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown and described.

149,210
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application March 28, 1947, Serial No. 138,002
Term of patent 7 years
(Cl. D45—4)



The ornamental design for a bracelet or similar article, substantially as shown.

149,211
DESIGN FOR AN EARRING OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application July 26, 1947, Serial No. 140,525
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring or similar article, substantially as shown.

149,212
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application July 26, 1947, Serial No. 140,530
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

149,213
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application July 26, 1947, Serial No. 140,531
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

149,214
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application July 29, 1947, Serial No. 140,589
Term of patent 7 years
(Cl. D45—19)



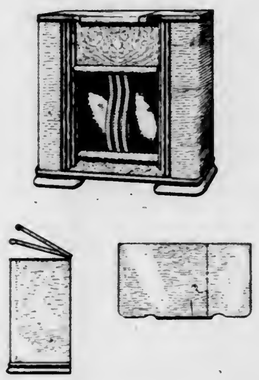
The ornamental design for a brooch or similar article, substantially as shown.

149,215
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman and Fishel, Inc., New York, N. Y.
Application August 6, 1947, Serial No. 140,718
Term of patent 7 years
(Cl. D45—16)



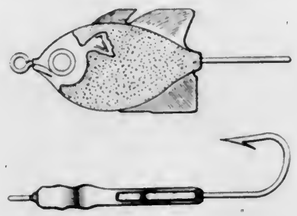
The ornamental design for a necklace or similar article, substantially as shown and described.

149,216
DESIGN FOR A RADIO CABINET OR THE LIKE
Joseph B. Platt, New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application March 5, 1946, Serial No. 127,120
Term of patent 3½ years
(Cl. D56—4)



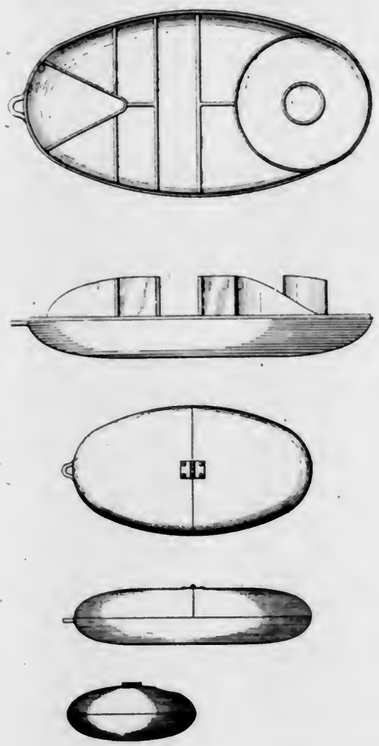
The ornamental design for a radio cabinet or the like, as shown.

149,217
DESIGN FOR A FISH LURE
Kenneth D. Richards, Gardner, Mass.
Application July 3, 1946, Serial No. 131,286
Term of patent 14 years
(Cl. D31—4)



The ornamental design for a fish lure, as shown.

149,218
DESIGN FOR A FLY BOX
Kenneth D. Richards, Gardner, Mass.
Application July 3, 1946, Serial No. 131,287
Term of patent 14 years
(Cl. D58—13)



The ornamental design for a fly box, as shown.

149,219
DESIGN FOR AN EMBROIDERED TRIMMING OR SIMILAR ARTICLE
Arno E. Riedel, North Bergen, N. J., assignor to Ellen Lace & Embroidery Co., New York, N. Y., a firm
Application April 26, 1947, Serial No. 138,622
Term of patent 3½ years
(Cl. D92—1)



The ornamental design for an embroidered trimming or similar article, as shown.

149,220
DESIGN FOR AN EMBROIDERED TRIMMING OR SIMILAR ARTICLE
Arno E. Riedel, North Bergen, N. J., assignor to Ellen Lace & Embroidery Co., New York, N. Y., a firm
Application April 26, 1947, Serial No. 138,623
Term of patent 3½ years
(Cl. D92—1)



The ornamental design for an embroidered trimming or similar article, as shown.

149,221
DESIGN FOR AN EMBROIDERED TRIMMING OR SIMILAR ARTICLE
Arno E. Riedel, North Bergen, N. J., assignor to Ellen Lace & Embroidery Co., New York, N. Y., a firm
Application April 26, 1947, Serial No. 138,625
Term of patent 3½ years
(Cl. D92—1)



The ornamental design for an embroidered trimming or similar article, as shown.

149,222
DESIGN FOR AN EMBROIDERED TRIMMING OR SIMILAR ARTICLE
Arno E. Riedel, North Bergen, N. J., assignor to Ellen Lace & Embroidery Co., New York, N. Y., a firm
Application April 26, 1947, Serial No. 138,626
Term of patent 3½ years
(Cl. D92—1)



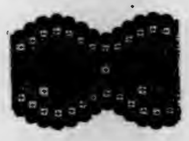
The ornamental design for an embroidered trimming or similar article, as shown.

149,223
DESIGN FOR AN EMBROIDERED TRIMMING OR SIMILAR ARTICLE
Arno E. Riedel, North Bergen, N. J., assignor to Ellen Lace & Embroidery Co., New York, N. Y., a firm
Application April 26, 1947, Serial No. 138,628
Term of patent 3½ years
(Cl. D92—1)



The ornamental design for an embroidered trimming or similar article, as shown.

149,224
DESIGN FOR AN EMBROIDERED TRIMMING OR SIMILAR ARTICLE
Arno E. Riedel, North Bergen, N. J., assignor to Ellen Lace & Embroidery Co., New York, N. Y., a firm
Application April 26, 1947, Serial No. 138,629
Term of patent 3½ years
(Cl. D92—1)



The ornamental design for an embroidered trimming or similar article, as shown.

149,225
DESIGN FOR AN EMBROIDERED TRIMMING OR SIMILAR ARTICLE
Arno E. Riedel, North Bergen, N. J., assignor to Ellen Lace & Embroidery Co., New York, N. Y., a firm
Application April 26, 1947, Serial No. 138,630
Term of patent 3½ years
(Cl. D92—1)



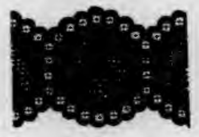
The ornamental design for an embroidered trimming or similar article, as shown.

149,226
DESIGN FOR AN EMBROIDERED TRIMMING OR SIMILAR ARTICLE
Arno E. Riedel, North Bergen, N. J., assignor to Ellen Lace & Embroidery Co., New York, N. Y., a firm
Application April 26, 1947, Serial No. 138,631
Term of patent 3½ years
(Cl. D92—1)



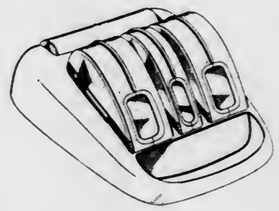
The ornamental design for an embroidered trimming or similar article, as shown.

149,227
DESIGN FOR AN EMBROIDERED TRIMMING OR SIMILAR ARTICLE
Arno E. Riedel, North Bergen, N. J., assignor to Ellen Lace & Embroidery Co., New York, N. Y., a firm
Application April 26, 1947, Serial No. 138,632
Term of patent 3½ years
(Cl. D92—1)



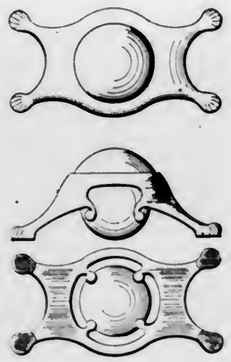
The ornamental design for an embroidered trimming or similar article, as shown.

149,228
DESIGN FOR A COMBINATION DESK UNIT
Hubert I. Salsbury, Los Angeles, Calif.
Application April 14, 1947, Serial No. 138,394
Term of patent 14 years
(Cl. D74—1)



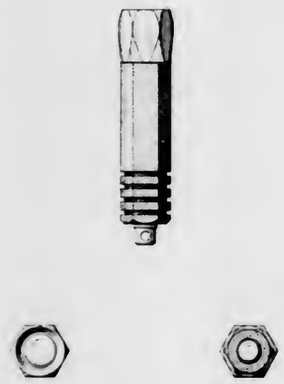
The ornamental design for a combination desk unit, as shown.

149,229
DESIGN FOR A PAPERWEIGHT
Gustave Scherff, New York, N. Y.
Application September 5, 1946, Serial No. 133,065
Term of patent 3½ years
(Cl. D74—12)



The ornamental design for a paperweight, as shown.

149,230
DESIGN FOR A FLASHLIGHT OR LIKE ARTICLE
Fred Schlotterbeck, New York, N. Y., assignor to Guth, Stern & Co., Inc., a corporation of New York
Application January 24, 1947, Serial No. 136,356
Term of patent 3½ years
(Cl. D48—24)



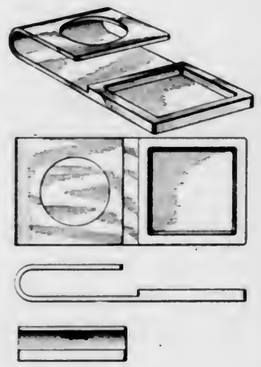
The ornamental design for a flashlight or like article, as shown.

149,231
DESIGN FOR A STORE FRONT
Nathan Sharaf, Brookline, Mass.
Application February 13, 1946, Serial No. 126,537
Term of patent 14 years
(Cl. D13—1)



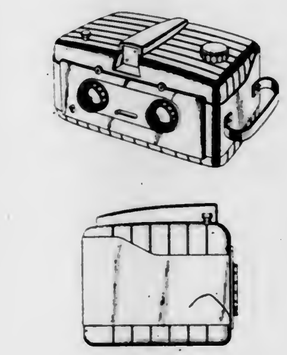
The ornamental design for a store front, as shown.

149,232
DESIGN FOR A COMBINED ASH TRAY AND GLASS HOLDER
Robert M. Stafford, Kansas City, Mo.
Application November 25, 1946, Serial No. 135,065
Term of patent 3½ years
(Cl. D85—2)



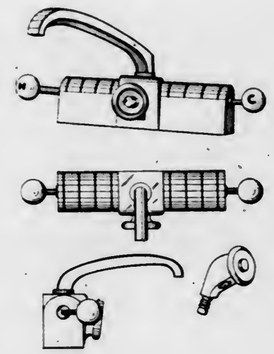
The ornamental design for a combined ash tray and glass holder, as shown.

149,233
DESIGN FOR A CAMERA OR SIMILAR ARTICLE
Walter Dorwin Teague, Annandale, N. J., assignor to Polaroid Corporation, Cambridge, Mass., a corporation of Delaware
Application January 16, 1947, Serial No. 136,192
Term of patent 14 years
(Cl. D61—1)



The ornamental design for a camera or similar article, substantially as shown.

149,234
DESIGN FOR A SINK FIXTURE
Amy L. Thomssen and John M. Little, Toledo, Ohio
Application October 9, 1946, Serial No. 133,852
Term of patent 14 years
(Cl. D91—3)



The ornamental design for a sink fixture, substantially as shown.

149,235
DESIGN FOR AN EMBROIDERED TRIMMING OR SIMILAR ARTICLE
Hans Tobler, Teaneck, N. J.
Application May 24, 1947, Serial No. 139,258
Term of patent 3½ years
(Cl. D92—1)



The ornamental design for an embroidered trimming or similar article, substantially as shown.

149,236
DESIGN FOR A WINTER SPORT SHOE
Floyd C. Treat, Barrington, Ill., assignor to Athletic Shoe Company, Chicago, Ill., a corporation of Illinois
Application September 27, 1947, Serial No. 141,598
Term of patent 14 years
(Cl. D7—7)



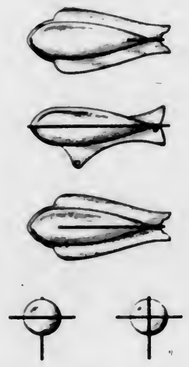
The ornamental design for a winter sport shoe, substantially as shown.

149,237
DESIGN FOR A GOLF TEE OR SIMILAR ARTICLE
John W. Tutt, Glendale, Calif.
Application July 11, 1946, Serial No. 131,515
Term of patent 14 years
(Cl. D34—5)



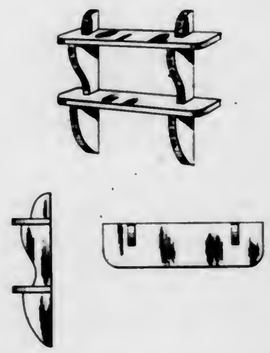
The ornamental design for a golf tee or similar article, as shown.

149,238
DESIGN FOR AN ARTIFICIAL FISH LURE
Eugene P. Vaars, Dayton, Ohio, assignor to Electronic Units Inc., Dayton, Ohio, a corporation of Ohio
Application February 16, 1946, Serial No. 126,626
Term of patent 14 years
(Cl. D31—4)



The ornamental design for an artificial fish lure, as shown and described.

149,239
DESIGN FOR A SHELF
Leo Wolf, Chicago, Ill., assignor to Maurice Wolf and Samuel S. Elgort, both of Chicago, Ill.
Application October 19, 1946, Serial No. 134,098
Term of patent 3½ years
(Cl. D33—3)



The ornamental design for a shelf, as shown.

Official Gazette

UNITED STATES PATENT OFFICE

Department of Commerce
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Trade-Marks	227—No.	438,144	to No. 438,370,	inclusive
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Patents	412—No.	2,439,374	to No. 2,439,785,	inclusive
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Patents expiring: Patent Numbers 1,800,196 to 1,801,251, inclusive, issued April 14, 1931, expire April 14, 1948

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

A. G. Optical Company, Chicago, Ill. Monocular magnifiers, projection lens optics, camera lenses, etc. Serial No. 518,424, Apr. 13. Class 26.

Abel & Bach, Inc., Milwaukee, Wis. Suitcases. Serial No. 531,417, Apr. 13. Class 3.

Acme Brick Company, Fort Worth, Tex. Brick. Serial No. 528,979, Apr. 13. Class 12.

Adler Manufacturers, Inc., St. Louis, Mo. Ladies', misses' and junior misses' jackets, coats, etc. Serial No. 534,227, Apr. 13. Class 39.

Air-O-Matic Power Steer Co., assignor to Air-O-Matic Power Steer Corporation, Cleveland, Ohio. Power boosters. Serial No. 520,316, Apr. 13. Class 19.

Air-O-Matic Power Steer Corporation, assignee: *See*—
Air-O-Matic Power Steer Co.

Alligator Company, The, St. Louis, Mo. Jackets, raincoats and top coats. Serial No. 524,227, Apr. 13. Class 39.

American Car and Foundry Company, New York, N. Y. Rolls, crushers, pulverizers, etc. Serial No. 524,265, Apr. 13. Class 23.

American Carbon Paper Mfg. Company, Ennis, Tex. Carbon paper. Serial No. 514,163, Apr. 13. Class 11.

American Coffee Corporation, Hamburg, N. J. Coffee. Serial No. 527,696, Apr. 13. Class 46.

Andersen Specialty Mfg. Corp., Chicago, Ill. Liquid preparation for cleaning paint brushes. Serial No. 528,853, Apr. 13. Class 16.

Andrews, Edward N., assignor to Ranger Inc., Rockford, Mich. Duck and goose calls, boot and wader hangers, ski boot bags, etc. Serial No. 494,734, Apr. 13. Class 22.

Ariston, Incorporated, New York, N. Y. Pottery and earthenware vase, dishes, etc. Serial No. 528,183, Apr. 13. Class 30.

Arleen Food Products: *See*—
Osendowski, Joseph H.

Arleen Products: *See*—
Osendowski, Joseph H.

Armour and Company, Chicago, Ill. Natural bone mineral product used for medicinal purposes. Serial No. 527,762, Apr. 13. Class 6.

Arnold Hoffman & Co., Incorporated. Coloring products for textiles and waxes. Serial No. 504,656, Apr. 13. Class 6.

Arrow Fastener Co., Inc., Brooklyn, N. Y. Office stapling machines. Serial No. 503,787, Apr. 13. Class 37.

Badger Paper Mills, Inc., Peshtigo, Wis. Bond paper, duplicating paper, ledger and second sheets. Serial No. 531,761, Apr. 13. Class 37.

Baker Castor Oil Company, The, Bayonne, N. J., and elsewhere. Stabilizers for vinyl chloride polymers and copolymers, and for other organic halides. Serial No. 538,851, Apr. 13. Class 6.

Balaber, Philip, doing business as Specialty Products Company, Lakewood, N. J. Ready mixed paints. Serial No. 515,289, Apr. 13. Class 16.

Barker-Colman Company, Rockford, Ill. Electromagnetic relays. Serial No. 530,914, Apr. 13. Class 21.

Basic Refractories, Inc., Cleveland, Ohio. Granular refractory compositions. Serial No. 510,564, Apr. 13. Class 12.

Bastian-Blessing Company, The, Chicago, Ill. Liquid level gages for use in conjunction with liquefied gas containers. Serial No. 506,916, Apr. 13. Class 26.

Batcheller, Campnell R., doing business as Robinwood, New York, N. Y. Chests and boxes, for storage, etc. Serial No. 523,052, Apr. 13. Class 2.

Beacon Manufacturing Company, Swannanoa, N. C. Blankets. Serial No. 523,454, Apr. 13. Class 42.

Bee-Line Products Co., Evanston, Ill. Game. Serial No. 515,216, Apr. 13. Class 22.

Bennett, May N., doing business as Bennett Milling Co., Geneva, Ill. Self rising pancake flour. Serial No. 486,745, Apr. 13. Class 46.

Bennett Milling Co.: *See*—
Bennett, May N.

Berdner, John T.: *See*—
Voshell, Robert E.

Bisbee Linseed Company, Philadelphia, Pa. Paint oil. Serial No. 532,549, Apr. 13. Class 16.

Blackhawk Mfg. Co., Milwaukee, Wis. Bending and straightening tools. Serial No. 482,458; Apr. 13. Class 23.

Blanke-Baer Extract & Preserving Company, St. Louis, Mo. Jellies, jams, fruit butters, etc. Serial No. 527,414, Apr. 13. Class 46.

Bodren Company, The, New York, N. Y. Dog food. Serial No. 519,509, Apr. 13. Class 46.

Brown, R. S., Manufacturing Company, Inc., Philadelphia, Pa. Rainspouts and gutter hangers, holders and hooks, etc. Serial No. 516,252, Apr. 13. Class 12.

Bruner-Ritter, Inc., New York, N. Y. Watch bracelets, not including watches. Serial No. 522,970, Apr. 13. Class 28.

Bruning, Charles, Company, Inc., New York, N. Y. Printing paper. Serial No. 530,166, Apr. 13. Class 37.

Burkland Gaede & Co., Chicago, Ill. Women's underpants. Serial No. 519,057, Apr. 13. Class 39.

Buscarlet Glove Company, Inc., New York, N. Y. Leather gloves. Serial No. 534,599. Apr. 13. Class 39.

Butera Bros., Delano, Calif. Fresh grapes. Serial No. 530,371, Apr. 13. Class 46.

Camildale, Inc., New York, N. Y. Textile fabrics in the bolt. Serial No. 517,288, Apr. 13. Class 42.

Carrington Co., Inc., Newark, N. J. Bottle openers, cigarette cases, collar buttons, etc. Serial Nos. 526,533–4, Apr. 13. Class 28.

Carter Carburetor Corporation, St. Louis, Mo. Internal combustion engines and automotive accessories and parts. Serial No. 491,627, Apr. 13. Class 23.

Chandler-Evans Corporation, South Meriden, Conn., assignor to Niles-Bement-Pond Company, West Hartford, Conn. Containers carrying desiccating material. Serial No. 474,992, Apr. 13. Class 6.

Charles Furniture Co., Inc., The, New York, N. Y. Bedding. Serial No. 518,455, Apr. 13. Class 32.

Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Metal dividing strips. Serial No. 531,195, Apr. 13. Class 12.

Cheerio Toys & Games Incorporate, asignee: *See*—
Cheerio Toys & Games Limited.

Cheerio Toys & Games Limited, Toronto, Ontario, Canada, assignor to Cheerio Toys & Games Incorporated, Lockport, N. Y. Paddle balls and bandalore tops. Serial No. 505,183, Apr. 13. Class 22.

Church & Dwight Co., Inc., New York, N. Y. Bicarbonate of soda. Serial No. 526,799, Apr. 13. Class 6.

Codo Manufacturing Corporation, Chicago, Ill., and Coraopolis, Pa. Carbon paper. Serial No. 539,023, Apr. 13. Class 11.

Cohen, David, Textile Co., New York, N. Y. Waterproof textile fabrics. Serial No. 503,867, Apr. 13. Class 42.

Colonial Refining & Chemical Company, Cleveland, Ohio. Ready-mixed paints. Serial No. 497,847, Apr. 13. Class 16.

Columbia Ribbon & Carbon Manufacturing Company, Inc., Glen Cove, N. Y. Carbon paper. Serial No. 540,173, Apr. 13. Class 11.

Columbia Ribbon & Carbon Manufacturing Company, Inc., Glen Cove, N. Y. Ink repellent fluids. Serial No. 541,645, Apr. 13. Class 11.

Commanditaire Vennootschap Pento Cosmetic, Amsterdam, Netherlands. Eau de cologne, perfumery, cosmetics, and toilet articles, etc. Serial No. 523,768, Apr. 13. Class 6.

Corgi Motorcycle Company, Ltd., of America, New York, N. Y. Folding midget motorcycles. Serial No. 537,566, Apr. 13. Class 19.

Corn Products Refining Company, New York, N. Y. Dextrose used for pharmaceutical and industrial purposes. Serial No. 497,371, Apr. 13. Class 6.

D & D Manufacturing Corporation, Los Angeles, Calif. Knitting needles. Serial No. 503,639, Apr. 13. Class 40.

Dajan Chemical Company, Boston, Mass. Oil polishes. Serial No. 532,693, Apr. 13. Class 16.

Dermetics, Inc., Seattle, Wash., and New York, N. Y. Projectors for projecting and displaying images on a screen. Serial No. 513,723, Apr. 13. Class 26.

Douglas Aircraft Company, Inc., Santa Monica, Calif. Airplanes and structural parts thereof. Serial No. 535,402, Apr. 13. Class 19.

Dundee Citrus Growers Association, Dundee, Fla. Fresh citrus fruit. Serial No. 530,480, Apr. 13. Class 46.

Duranol Products, Inc., Brooklyn, N. Y. Hat boxes, shoe boxes, fur boxes, etc. Serial No. 512,652, Apr. 13. Class 2.

Edge & Sprague, doing business as Edge-Sprague Distributors, Tyler, Tex. Gasoline motor fuel oil, lubricating oil, and lubricating greases. Serial No. 509,210, Apr. 13. Class 15.

Edge-Sprague Distributors: *See*—
Edge & Sprague.

Esslinger, W. E., La Mesa, N. Mex. Fresh onions. Serial No. 530,181, Apr. 13. Class 46.

Estee Candy Company, New York, N. Y. Chocolates. Serial No. 516,352, Apr. 13. Class 46.

F-L Stamp Company: *See*—
Fraenkel, Hans A.

Falcon Products Company, Jersey City, N. J. Plastic tiles. Serial No. 521,180, Apr. 13. Class 12.

Florin, Philip, Inc., New York, N. Y. Wallets. Serial No. 516,474, Apr. 13. Class 3.

Foremen Fabrics Corp., New York, N. Y. Woven textile fabrics. Serial No. 507,387, Apr. 13. Class 42.

Fraenkel, Hans A., doing business as F-L Stamp Company and Maison F-L Des Timbres Poste, New York, N. Y. Philatelic items. Serial No. 483,722, Apr. 13. Class 38.

Franklin, William R., Los Angeles, Calif. Child's toys. Serial No. 502,371, Apr. 13. Class 22.

Gemmer Manufacturing Company, Detroit, Mich. Steering gears. Serial No. 538,528, Apr. 13. Class 19.
General Machine Company, Milwaukee, Wis. Golf clubs. Serial No. 509,510, Apr. 13. Class 22.
General Textile Mills, Inc., New York, N. Y. Tow-lines. Serial No. 516,478, Apr. 13. Class 7.
Glaziers' Tool Mfg. Corp., Chicago, Ill. Wall and floor scrapers, glass pliers, chisels, etc. Serial No. 524,127, Apr. 13. Class 23.
Glemby Company, Inc., The, New York, N. Y. Magazines. Serial No. 536,601, Apr. 13. Class 38.
Glyco Products Co., Inc., Brooklyn, N. Y. Emulsifier to promote the homogeneous dispersion of fats and/or oils in water and/or aqueousmedia. Serial No. 527,108, Apr. 13. Class 6.
Goodwin Laboratories, Inc., New York, N. Y. Insecticides. Serial No. 521,252, Apr. 13. Class 6.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Rubber packing and hose. Serial No. 528,444, Apr. 13. Class 35.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Belts and belting and hose. Serial No. 528,446, Apr. 13. Class 35.
Great Lakes Carbon Corporation, Chicago, Ill., and Los Angeles, Calif. Compositions of inert mineral absorbents and hygroscopic salts, in powdered or lump form, for dehumidifying air and other gases. Serial No. 504,896, Apr. 13. Class 6.
Hands, T. W., Fireworks Co. Limited, Cooksville Post Office, Canada. Tiles. Serial No. 524,632, Apr. 13. Class 12.
Haskell Manufacturing Company, Inc., Pittsburgh, Pa. Drafting tables. Serial No. 523,837, Apr. 13. Class 26.
Hettom Industries, Oak Park, Ill. Transparent protective surface coating. Serial No. 515,425, Apr. 13. Class 16.
Hex Chili Manufacturing Co.: *See*—
Hoeck, Frederick T.
Higley Chemical Company, The, Dubuque, Iowa. Liquid insecticide compostion. Serial No. 520,035, Apr. 13. Class 6.
Hoeck, Frederick T., doing business as Hex Chili Manufacturing Co., Kansas City, Mo. Chili. Serial No. 467,972, Apr. 13. Class 46.
Hoffman, Rube P., Los Angeles, Calif. Piece goods. Serial No. 480,417, Apr. 13. Class 42.
Holland-Rantos Company, Inc., New York, N. Y. Dusting powder used for the protection and preservation of rubber goods. Serial No. 509,848, Apr. 13. Class 6.
Holliday, W. J., & Co., Indianapolis, Ind. Alloy steel. Serial No. 531,038, Apr. 13. Class 14.
Huddersfield Textiles Limited, London, England. Piece goods. Serial No. 517,415, Apr. 13. Class 42.
Hudnut, Richard, New York, N. Y. Face powder, rouge, and lipstick. Serial No. 512,671, Apr. 13. Class 6.
Huffman Manufacturing Company, The, Dayton, Ohio. Bicycles and structural parts thereof. Serial No. 518,141, Apr. 13. Class 19.
Huttner, Daniel, doing business as Sanitary Feather Company, Chicago, Ill. Pillows. Serial No. 516,189, Apr. 13. Class 32.
Icies Products Company: *See*—
Mayer, Leo A.
Interchemical Corporation, New York, N. Y. Flatting agents. Serial No. 516,900, Apr. 13. Class 16.
International Alliance of Theatrical Stage Employes and Moving Picture Machine Operators of the United States and Canada, New York, N. Y. Organization bulletins. Serial No. 523,040, Apr. 13. Class 38.
Irving Paint & Varnish Co.: *See*—
Neiditch, Irving B.
Jenkin-Guerin Inc., St. Louis, Mo. Lubricating oils and greases. Serial No. 527,421, Apr. 13. Class 15.
Jergens, Andrew, Company, The, Cincinnati, Ohio. Face powder. Serial No. 518,583, Apr. 13. Class 6.
Johnson, Cyril, Woolen Company, Stafford Springs, Conn. Woolen piece goods. Serial No. 533,900, Apr. 13. Class 42.
Juillard Fancy Food Co.: *See*—
Juillard-Hardy Frozen Food Corporation.
Juillard Frozen Food Company: *See*—
Juillard-Hardy Frozen Food Corporation.
Juillard-Hardy Frozen Food Corporation, doing business as Juillard Frozen Food Company and as Juillard Fancy Food Co., Pajaro, Calif. Fresh frozen fruits, vegetables, etc. Serial No. 511,476, Apr. 13. Class 46.
Juliette Foundations: *See*—
Koslovsky, Isidore.
Kaminer, Bernard H., New York, N. Y. Protective knitted fabric bags for shoes. Serial No. 523,316, Apr. 13. Class 2.
Kaumagraph Company, Wilmington, Del. Transfers comprising a paper base. Serial No. 525,337, Apr. 13. Class 40.
Kelco Company, San Diego, Calif. Powdered algin product for use as a hydrophilic colloid, etc. Serial No. 528,729, Apr. 13. Class 46.
Knothe Brothers Co. Inc., New York, N. Y. Men's and boys' belts, pajamas, and shorts. Serial No. 530,009, Apr. 13. Class 39.
Koslovsky, Isidore, doing business as Juliette Foundations, New York, N. Y. Brassières. Serial No. 540,682, Apr. 13. Class 39.
Kress, S. H., and Company, New York, N. Y. Hosiery. Serial No. 529,275, Apr. 13. Class 39.
Kryptar Corporation: *See*—
Technifinish Laboratory, Inc.
Kurfees, J. F., Paint Company, Louisville, Ky. Prepared or ready-mixed liquid paint. Serial No. 535,548, Apr. 13. Class 16.
Kurfees, J. F., Paint Company, Louisville, Ky. Prepared or ready-mixed liquid paints. Serial No. 535,550, Apr. 13. Class 16.
L & K Laboratories & Co. Inc., St. Paul, Minn. After-shave lotion, cologne, hair dress (liquid), etc. Serial No. 526,730, Apr. 13. Class 6.
Lane-Walker & Gravely, Inc., Roanoke, Va. Board game. Serial No. 508,049, Apr. 13. Class 22.
Levy, Arnold, doing business as Parkitsafe Company, assignor to Parkitsafe Company, Miami Beach, Fla. Ash trays. Serial No. 529,477, Apr. 13. Class 8.
Londonderry Products, Inc., South Londonderry, Vt. Wooden toys, pull toys, and educational toys. Serial No. 497,871, Apr. 13. Class 22.
Lorillard, P., Company, New York, N. Y. Smoking and chewing tobacco. Serial No. 536,915, Apr. 13. Class 17.
Lubin-Weeker Co., Inc., New York, N. Y. Pajamas. Serial No. 478,399, Apr. 13. Class 39.
Luce Manufacturing Company, Kansas City, Mo. Vanity cases. Serial No. 507,202, Apr. 13. Class 2.
Lynn Products Co., Chicago, Ill. Plier wrenches, hand wrenches, and manually used grasping and locking tools. Serial No. 515,575, Apr. 13. Class 23.
Lynwood Company, Inc., Chicago, Ill. Disinfectant having bactericidal, germicidal, and fungicidal properties. Serial No. 523,972, Apr. 13. Class 6.
Mabex Co., The, Philadelphia, Pa. Moth cakes and crystals, and deodorants. Serial No. 523,901, Apr. 13. Class 6.
MacEnerney, Ruth M., Hyannis, Mass. Cotton, wool, and rayon piece goods or combinations thereof. Serial No. 532,616, Apr. 13. Class 42.
MacGregor Instrument Company, Needham, Mass. Hypodermic needles for surgical, medical, and dental uses. Serial Nos. 535,056–7, Apr. 13. Class 44.
Maison F-L Des Timbres Poste: *See*—
Fraenkel, Hans A.
Martin, Homer V., Lincoln, Nebr. Newspaper feature or cartoon. Serial No. 514,549, Apr. 13. Class 38.
Mayer, Leo A., doing business as Icies Products Company, Minneapolis, Minn. Molds for making frozen articles. Serial No. 519,022, Apr. 13. Class 23.
McCarren, Kenneth J., Detroit, Mich. Toy banks. Serial No. 504,778, Apr. 13. Class 22.
McCarty's, Oakland, Calif. Loose auxiliary automobile seat cushions. Serial No. 526,755, Apr. 13. Class 32.
McCrory Stores Corporation, New York, N. Y. Brassières. Serial No. 540,424, Apr. 13. Class 39.
Medalist Co., Inc., Passaic, N. J. Cigars. Serial No. 530,664, Apr. 13. Class 17.
Melco Manufacturing Company, Los Angeles, Calif. Women's shoulder pads. Serial No. 523,014, Apr. 13. Class 40.
Meyercord Company, The, Chicago, Ill. Decalcomanias. Serial Nos. 536,416–17, Apr. 13. Class 38.
Molinari, David A., San Francisco, Calif. Perfume, toilet water, cologne, etc. Serial No. 534,309, Apr. 13. Class 6.
Monsanto Chemical Company, St. Louis, Mo. Synthetic resins for use in solid or solution form. Serial No. 518,846, Apr. 13. Class 1.
Moore, Helen, New York, N. Y. Wooden toys. Serial No. 487,271, Apr. 13. Class 22.
Mueller, John, Licorice Company, The, Cincinnati, Ohio. Candy. Serial No. 510,697, Apr. 13. Class 46.
Musterole Company, The, Cleveland, Ohio. An ointment for the treatment of coughs, colds, pneumonia, etc. Serial No. 535,587, Apr. 13. Class 6.
National Drug Company, The, Philadelphia, Pa. Vaginal cream containing allantoin and sulfanilamide. Serial No. 515,036, Apr. 13. Class 6.
National Drug Company, The, Philadelphia, Pa. Skin protective and cleanser, and as an aid in the prevention of industrial dermatitis. Serial No. 515,037, Apr. 13. Class 6.
National Gypsum Company, Buffalo, N. Y. Paint. Serial No. 529,678, Apr. 13. Class 16.
National Stamping & Electric Works, Chicago, Ill. Electric broilers and cookers. Serial No. 530,552, Apr. 13. Class 21.
Neidith, Irving B., doing business as Irving Paint & Varnish Co., New York, N. Y. Paints. Serial No. 512,921, Apr. 13. Class 16.
New Jersey Compass, Inc., Princeton, N. J. Monthly periodical. Serial No. 524,556, Apr. 13. Class 38.
New Method Paint Co., Kansas City, Mo. Ready-mixed oil paint, varnish, and paint enamel. Serial No. 521,606, Apr. 13. Class 16.
Niles-Bement-Pond Company: *See*—
Chandler-Evans Corporation.
Oakes & Company, Chicago, Ill. Bicycles, bicycle handle bar grips, and automobile seat covers. Serial No. 519,085, Apr. 13. Class 19.
Old Town Ribbon & Carbon Co., Inc., Brooklyn, N. Y. Carbon paper. Serial Nos. 535,738–9, Apr. 13. Class 11.
Open Road Publishing Company, Boston, Mass. Prints and publications. Serial No. 503,740, Apr. 13. Class 38.

Open Road Publishing Company, Boston, Mass. Monthly magazines. Serial No. 531,938, Apr. 13. Class 38.
Orefraction Incorporated, Pittsburgh, Pa. Ceramic heat-conducting materials, and ceramic heat-insulating. Serial No. 525,018, Apr. 13. Class 12.
Osendowski, Joseph H., doing business as Arleen Food Products or Arleen Products, Philadelphia, Pa. Ammonia and bleach. Serial No. 525,662, Apr. 13. Class 6.
Overton Machine Company, Dowagiac, Mich. Cylinders for drying machines. Serial No. 521,679, Apr. 13. Class 23.
Parkitsafe Company, assignee: *See*—
Levy, Arnold.
Patek Brothers, Inc., Milwaukee, Wis. Varnish. Serial No. 531,831, Apr. 13. Class 16.
Patek Brothers, Inc., Milwaukee, Wis. Varnish. Serial No. 532,871, Apr. 13. Class 16.
Payne Coal Company, Inc., Wilkes-Barre, Pa. Publication. Serial No. 537,076, Apr. 13. Class 38.
Peerless Packers, New York, N. Y. Preparation, in tablet form, which is dissolved in water and used for washing fruit and vegetables. Serial No. 519,976, Apr. 13. Class 4.
Perma Products Company, The, Cleveland, Ohio. Exterior paints. Serial No. 522,740, Apr. 13. Class 16.
Peterson, Charles A., Company, The, Cleveland, Ohio. Shelled edible nuts. Serial No. 488,924, Apr. 13. Class 46.
Peterson, Charles A., Company, The, Cleveland, Ohio. Shelled edible nuts. Serial No. 488,928, Apr. 13. Class 46.
Phelon & Moore Limited, Yorkshire, Cleckheaton, England. Motor cycles, sidecars, and their parts. Serial No. 511,105, Apr. 13. Class 19.
Phoenix Hosiery Company, Milwaukee, Wis. Hosiery. Serial No. 529,491, Apr. 13. Class 39.
Photography, Inc., Milwaukee, Wis. Photographs. Serial No. 513,204, Apr. 13. Class 38.
Powers Manufacturing Company, Los Angeles, Calif. Staples. Serial No. 510,798, Apr. 13. Class 13.
Premier Appliance Co., Inc., New York, N. Y. Mechanical fire alarm bell ringing device. Serial No. 519,599, Apr. 13. Class 23.
Random House, Inc., New York, N. Y. Books. Serial Nos. 537,238–9, Apr. 13. Class 38.
Ranger Inc., assignee: *See*—
Andrews, Edward N.
Reineking, William, Melbourne, Fla. Golf accessory. Serial No. 507,491, Apr. 13. Class 22.
Representacoes Bonavan Ltd., Rio de Janeiro, Brazil. Hand made feather flowers. Serial No. 526,648, Apr. 13. Class 40.
Resinous Products & Chemical Company, The, Philadelphia, Pa. Solutions of synthetic organic thermoplastic resins. Serial No. 507,850, Apr. 13. Class 16.
Ricardo Metal Mfg. Co., Denver, Colo. Animal equipment. Serial No. 514,378, Apr. 13. Class 3.
Robinwood: *See*—
Batcheller, Campbell B.
Rockwood Mills, Rockwood, Tenn. Hosiery. Serial No. 519,827, Apr. 13. Class 39.
Rockwood Mills, Rockwood, Tenn. Hosiery. Serial No. 519,831, Apr. 13. Class 39.
Rodael Products Co., New York, N. Y. Plastic varnishes. Serial No. 512,611, Apr. 13. Class 16.
Rohm & Haas Company, Philadelphia, Pa. Synthetic resins materials in the form of sheets, rods, or molding compounds. Serial No. 534,473, Apr. 13. Class 1.
Rohm & Haas Company, Philadelphia, Pa. Water soluble resinous materials useful for sizing or finishing textiles and paper and as thickening agents for aqueous dispersions. Serial No. 538,816, Apr. 13. Class 6.
S. & M. Sportswear Co., New York, N. Y. Ladies' sweaters. Serial No. 515,202, Apr. 13. Class 39.
San Francisco Shopping News Company, San Francisco, Calif. Newspaper column. Serial No. 538,454, Apr. 13. Class 38.
Sanitary Feather Company: *See*—
Huttner, Daniel.
Schering Corporation, Bloomfield, N. J. Analgesic. Serial No. 540,110, Apr. 13. Class 6.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Arch supports. Serial No. 535,860, Apr. 13. Class 44.
Sewall Paint & Varnish Company, Kansas City, Mo. Aluminum house paint, aluminum enamel, metal and masonry paint. Serial No. 496,867, Apr. 13. Class 16.
Sipe, James B., and Company, Pittsburgh, Pa. Mixed paint and paint thinners. Serial No. 531,856, Apr. 13. Class 16.
Smith, Kline & French Laboratories, Philadelphia, Pa. Medicine for the treatment of capillary fragility. Serial No. 541,208, Apr. 13. Class 6.
Societe a Responsabilite Limitee: Cottan, Parfumeur, Asnieres, France. Perfume. Serial No. 521,476, Apr. 13. Class 6.
Societe Mury-Exporation, Paris, France. Perfume, lipstick, hand and face lotion, hand and face cream, and toilet water. Serial No. 507,411, Apr. 13. Class 6.
Spa Products, Inc., Hot Springs, Ark. Mixture of powdered asphalt. Serial Nos. 530,126–7, Apr. 13. Class 12.
Speaker, J. W., Corporation, Milwaukee, Wis. Solidified fuel pellets made essentially of hexamethylenetetramine. Serial No. 468,853, Apr. 13. Class 6.
Specialty Products Company: *See*—
Balaber, Philip.
Spranger, L., Products Co.: *See*—
Spranger, Leonard J.
Spranger, Leonard J., doing business as L. Spranger Products Co., Oak Park, Ill. Cleaner, in powder form. Serial No. 521,937, Apr. 13. Class 4.
Standard Laboratories Inc., New York, N. Y. Hairwaving lotion. Serial No. 535,192, Apr. 13. Class 6.
Star Pin Company, The, Derby, Conn. Pins, hairpins, bob pins, etc. Serial No. 484,504, Apr. 13. Class 40.
Steck Company, The, Austin, Tex. Ruled and printed forms for accounting. Serial No. 541,775, Apr. 13. Class 37.
Sterling Furniture Manufacturing Company, West Sterling, Mass. High chairs, nursery chairs, baby cribs, etc. Serial No. 475,930, Apr. 13. Class 32.
Stokes Bros. Manufacturing Co., Freehold, N. J. Rasps and files. Serial No. 513,473, Apr. 13. Class 23.
Strand, Victor B., Copenhagen, Denmark. Liquid and powdered pectins and mucilages as means for setting, means for preserving foods. Serial No. 539,576, Apr. 13. Class 6.
Superior Products Company, Dallas, Tex. Mineral oil for medicinal uses. Serial No. 541,476, Apr. 13. Class 6.
Surgical Appliance Industries, Inc., Cincinnati, Ohio. Trusses. Serial No. 535,095, Apr. 13. Class 44.
Swett's, Dr., Root Beer Company, Inc., New York, N. Y. Monthly publication. Serial No. 537,486, Apr. 13. Class 38.
Talon, Inc.: *See*—
Wilson Fastener Company.
Technifinish Laboratory, Inc., now by change of name Kryptar Corporation, Rochester, N. Y. Electronic speed lamps and parts thereof, for photographic and other uses. Serial No. 519,234, Apr. 13. Class 26.
Telex, Inc., St. Paul, Minn. Personal hearing devices. Serial No. 520,129, Apr. 13. Class 44.
Tennessee Glove Company, Tullahoma, Tenn. Fabric work gloves. Serial No. 521,036, Apr. 13. Class 39.
Tishman, Maurice, Inc., New York, N. Y. Mountings for jewelry for personal wear. Serial No. 529,504, Apr. 13. Class 28.
Triad Products Corporation, Chicago, Ill. Gas and oil fired boiler type heaters for heating buildings and for heating water. Serial No. 502,857, Apr. 13. Class 34.
Tubbs Cordage Company, San Francisco, Calif. Ropes, cords, and twines. Serial No. 515,918, Apr. 13. Class 7.
United Device Corporation, New York, N. Y. Plant trellises. Serial No. 511,845, Apr. 13. Class 50.
United Manufacturers, Inc., New York, N. Y. Pull toys. Serial No. 508,454, Apr. 13. Class 22.
Vincent-McCall Company, The, Kenosha, Wis. Mattresses and boxsprings. Serial No. 526,673, Apr. 13. Class 32.
Voshell, Robert E., and J. T. Berdner, Los Angeles, Calif. Card game. Serial No. 519,151, Apr. 13. Class 22.
Wade, William H., Great Falls, Mont. Ice skate guard. Serial No. 508,878, Apr. 13. Class 22.
Wallace, Nell F., Greenfield, Iowa. Newspaper column. Serial No. 537,109, Apr. 13. Class 38.
Washington Co-Operative Farmers Association, Seattle, Wash. Prepared and canned dog and cat food. Serial No. 530,136, Apr. 13. Class 46.
Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets, loose writing paper, envelopes, etc. Serial No. 530,356, Apr. 13. Class 37.
Whittall, M. J., Associates, Inc., Worcester, Mass. Carpets and rugs. Serial No. 523,441, Apr. 13. Class 42.
Willcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing machines. Serial No. 504,522, Apr. 13. Class 23.
Willcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing machine parts and attachments. Serial No. 504,523, Apr. 13. Class 23.
Wilson Fastener Company, The, Cleveland, Ohio, assignor to Talon, Inc., Meadville, Pa. Snap fasteners, snap fastener tape, bobby and hair pins, etc. Serial No. 527,942, Apr. 13. Class 40.
Wilson, Thomas, Studios, The, Grand Rapids, Mich. Mirrors, consoles, occasional chairs, etc. Serial No. 505,270, Apr. 13. Class 32.
Woolery Machine Company, Minneapolis, Minn. Weed burners. Serial No. 527,472, Apr. 13. Class 23.
Woolfolk Chemical Works, Ltd., Fort Valley, Ga. Insecticides and fungicides. Serial No. 540,128, Apr. 13. Class 6.
Wren, J. T., Manufacturing Company, Inc., doing business as J. T. Wren Mfg. Co., Jefferson City, Mo. Electric ventilating exhaust fans in housings. Serial No. 520,665, Apr. 13. Class 34.
Wren, J. T., Mfg. Co.: *See*—
Wren, J. T., Manufacturing Company, Inc.

LIST OF REGISTRANTS OF TRADE-MARKS

Abril Corporation (Gt. Britain) Limited, London, England. Waxes. 438,219, Apr. 13; Serial No. 510,465, published Jan. 13, 1948. Class 6.

Academy Award Products, Inc., New York, N. Y. Carving, table, and pocket knives, shears, etc. 438,184, Apr. 13; Serial No. 500,350, published Jan. 13, 1948. Class 23.

Acme Chemical Company, Milwaukee, Wis. Disinfectant, antiseptic, and germicide preparation. 255,743, Apr. 30, 1929. Republished Apr. 13. Class 6.

Acme Chemical Company, Milwaukee, Wis. Combined chemical cleanser and soap. 410,282, Nov. 21, 1944. Republished Apr. 13. Class 4.

Acme Chemical Company, Milwaukee, Wis. Penetrating floor varnish. 419,998, Mar. 19, 1946. Republished Apr. 13. Class 16.

Acme Chemical Company, Milwaukee, Wis. Floor mops. 420,507, Apr. 16, 1946. Republished Apr. 13. Class 29.

Acme Chemical Company, Milwaukee, Wis. Surface cleaner in paste form. 421,759, June 18, 1946. Republished Apr. 13. Class 4.

Acme Chemical Company, Milwaukee, Wis. Sterilizer and deodorant. 422,569, July 30, 1946. Republished Apr. 13. Class 6.

Acme Visible Records, Inc., Chicago, Ill. Visible record cabinets, stands. 416,124, Aug. 28, 1945. Republished Apr. 13. Class 32.

Adams, Harry, doing business as Harlo Distributor, Watertown, N. Y. Cosmetics. 438,211, Apr. 13; Serial No. 508,361, published Jan. 13, 1948. Class 6.

Aderer, Julius, Inc., New York, N. Y. Casting gold for dentists' use. 438,286, Apr. 13; Serial No. 520,039, published Jan. 20, 1948. Class 44.

Airplane Manufacturing & Supply Corporation, North Hollywood, Calif., now by change of name Pacific Airmotive Corporation. Servicing and maintenance tools and equipment. 438,145–6, Apr. 13; Serial No. 467,221–2, published Jan. 13, 1948. Class 23.

Ajax Floor Products Corporation, New York, N. Y. Dry, powder-form, water-mix patching materials for use on wood, concrete, etc. 438,210, Apr. 13; Serial No. 508,136, published Jan. 6, 1948. Class 12.

Alco Valve Co., Inc., Maplewood, Mo. Flow control valve. 318,457, Oct. 23, 1934. Corrected. O. G. Apr. 13. Class 13.

Allcock Manufacturing Company, Ossining, N. Y. Medicated plasters. 438,234, Apr. 13; Serial No. 512,890, published Jan. 20, 1948. Class 6.

Amberg File and Index Company, Kankakee, Ill. Transportable filing cases. 427,177, Jan. 28, 1947. Republished Apr. 13. Class 32.

American Chewing Products Corp., Newark, N. J. Chewing gum. 438,366, Apr. 13; Serial No. 505,881. Class 46.

American Fork & Hoe Company, The, Cleveland, Ohio. Hand agricultural implements and hand tools, etc. 398,379, Oct. 27, 1942. Republished Apr. 13. Class 23.

American Fork & Hoe Company, The, Cleveland, Ohio. Axes, hammers, hatchets, etc. 409,831, Oct. 24, 1944. Republished Apr. 13. Class 23.

American Mineral Spirits Company, Chicago, Ill. Naphtha. 277,758, Nov. 25, 1930. Republished Apr. 13. Class 16.

American Wine Company, by American Wine Company, St. Louis, Mo. Sparkling wines and still wines. 398,782, Nov. 24, 1942. Republished Apr. 13. Class 47.

American Woolen Company, New York, N. Y. Piece goods. 411,855, Feb. 6, 1945. Republished Apr. 13. Class 42.

American Woolen Company, New York, N. Y. Piece goods. 415,876, Aug. 21, 1945. Republished Apr. 13. Class 42.

American Woolen Company, Boston, Mass., and New York, N. Y., by American Woolen Company, New York, N. Y. Flat piece goods composed wholly or partly of wool. 416,192, Sept. 4, 1945. Republished Apr. 13. Class 42.

Ampco Metal, Inc., Milwaukee, Wis. Metallic welding rods and arc welding electrodes. 411,815, Feb. 6, 1945. Republished Apr. 13. Class 14.

Ampco Metal, Inc., Milwaukee, Wis. Ingots, castings, forgings, etc. 415,617, Aug. 14, 1945. Republished Apr. 13. Class 14.

Ampo Metal, Inc., Milwaukee, Wis. Wrought bronze shapes, forgings, ingots, etc. 423,957, Sept. 17, 1926. Republished Apr. 13. Class 14.

Ampco Metal, Inc., Milwaukee, Wis. Electric terminals and contacts, electric trolley shoes, etc. 426,942, Jan. 21, 1947. Republished Apr. 13. Class 21.

Ampco Metal, Inc., Milwaukee, Wis. Electric terminals and contacts. 428,384, Mar. 25, 1947. Republished Apr. 13. Class 21.

Applebaum-Mautner Company, Inc., The Champaign, Ill., to Applebaum-Mautner Company, Inc., Madison, Wis. Boots and shoes. 237,210, renewed Jan. 3, 1948. O. G. Apr. 13. Class 39.

Armstrong Cork Company: *See*—
Armstrong Cork Products Company.

Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Rubber household gloves. 381,603, Oct. 1, 1940. Republished Apr. 13. Class 39.

Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Electrical insulators of glass. 382,463, Oct. 29, 1940. Republished Apr. 13. Class 21.

Armstrong Cork Company, Lancaster, Pa. Water bottles. 383,441, Dec. 10, 1940. Republished Apr. 13. Class 44.

Armstrong Cork Company, Lancaster, Pa. Metal strips. 389,070, July 22, 1941. Republished Apr. 13. Class 13.

Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Decorated hard surface floor and wall coverings. 414,804, June 26, 1945. Republished Apr. 13. Class 20.

Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Gaskets, washers, rings and discs. 415,011, July 10, 1945. Republished Apr. 13. Class 35.

Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Corkboard insulation. 424,627, Oct. 15, 1946. Republished Apr. 13. Class 12.

Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Hard surfaced floor covering. 430,803, June 24, 1947. Republished Apr. 13. Class 20.

Armstrong Cork Products Company, Lancaster, Pa., by Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Finished and substantially finished rolls, roll covers, cots, etc. 362,757, Nov. 29, 1938. Republished Apr. 13. Class 23.

Armstrong Grocery Company, Sharon, Pa. Brooms. 438,262, Apr. 13; Serial No. 517,229, published Jan. 20, 1948. Class 29.

Armstrong Grocery Company, Sharon, Pa. Soap. 438,263, Apr. 13; Serial No. 517,230, published Jan. 20, 1948. Class 4.

Arnold, Schwinn & Co., Chicago, Ill. Bicycles. 438,155, Apr. 13; Serial No. 483,418, published Jan. 6, 1948. Class 19.

Aronheim, Walter, New York, N. Y. Watches, watch cases, and watch parts. 438,354, Apr. 13; Serial No. 525,763, published Jan. 13, 1948. Class 27.

Arrowhead Rubber Company, Vernon, Calif. Prefabricated duct sections. 424,941, Oct. 29, 1946. Republished Apr. 13. Class 34.

Artos Engineering Company, Milwaukee, Wis. Machines for labeling, marking, feeding, etc. 359,028, Aug. 2, 1938. Republished Apr. 13. Class 23.

Arvey Corporation, Chicago, Ill. Coated and uncoated fibre base composition boards and panels. 422,643, Aug. 6, 1946. Republished Apr. 13. Class 12.

Asbestos Company of Texas, Houston, Tex. Asbestos siding. 500,052, Apr. 13; Serial No. 526,570, published Jan. 6, 1948. Class 12.

Associated Seed Growers, Inc., New Haven, Conn. Garden and field seeds, bulbs, and plants. 413,605, May 1, 1945. Republished Apr. 13. Class 1.

Associated Seed Growers, Inc., New Haven, Conn. Garden and field seeds, bulbs, and plants. 426,997, Jan. 21, 1947. Republished Apr. 13. Class 1.

Athey Truss Wheel Co., Chicago, Ill. Continuous belt loader. 438,362, Apr. 13; Serial No. 487,163. Class 23.

Atkins, E. C., and Company, Indianapolis, Ind. Hacksaw blades. 388,082, June 10, 1941. Republished Apr. 13. Class 23.

Atkins, E. C., and Company, Indianapolis, Ind. Saws, trowels, corn knives, etc. 416,952–3, Oct. 9, 1945. Republished Apr. 13. Class 23.

Atlantic Food Products, Brooklyn, N. Y. Candy. 438,355, Apr. 13; Serial No. 525,764, published Jan. 20, 1948. Class 46.

Auto Radiator Manufacturing Company, Chicago, Ill. Vehicle radiators, radiator cores, and automobile heaters. 500,060, Apr. 13; Serial No. 527,157, published Jan. 20, 1948. Class 19.

Autocall Company, The, Shelby, Ohio. Apparatus and equipment for use in paging service. 267,132, Feb. 11, 1930. Republished Apr. 13. Class 21.

Automatic Products Company, Milwaukee, Wis. Fuel oil pumps. 380,040, Aug. 6, 1940. Republished Apr. 13. Class 23.

Avon Products, Inc., New York, N. Y. Shaving cream, shaving soap, etc. 438,201, Apr. 13; Serial No. 506,153, published Jan. 13, 1948. Class 4.

Balaber, Joseph J., New York, N. Y. Motion picture films. 438,270, Apr. 13; Serial No. 518,270, published Jan. 20, 1948. Class 26.

Ballantine, P., & Sons, Newark, N. J. Monthly publication. 420,248, Apr. 2, 1946. Republished Apr. 13. Class 38.

Balmforth, L. P., & Son, doing business as The Violin Shop, Leeds, England. Resin for use on stringed musical instruments. 438,196, Apr. 13; Serial No. 504,025, published Jan. 13, 1948. Class 36.

Barnes, Henry K., Company, Salem, Mass. Lace leather. 306,419, Sept. 19, 1933. Republished Apr. 13. Class 1.

Barrett's Food Company Proprietary Limited, Melbourne, Victoria, Australia. Preparation of malt and mineral salt. 438,294, Apr. 13; Serial No. 520,919, published Jan. 27, 1948. Class 46.

Bear Manufacturing Company, Rock Island, Ill. Alinement gauges, headlight testers and brake testers. 427,287–8, Feb. 4, 1947. Republished Apr. 13. Class 26.

Beattie Products, Inc., New York, N. Y. Pyrophoric catalytic and pilot lighters. 415,815, Aug. 14, 1945. Republished Apr. 13. Class 34.

Bemis Bro. Bag Company, St. Louis, Mo. Paper bags. 365,057, Feb. 21, 1939. Republished Apr. 13. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Cotton piece goods. 369,788, Aug. 1, 1939. Republished Apr. 13. Class 42.

Bemis Bro. Bag Company, St. Louis, Mo. Bags. 372,807, Nov. 14, 1939. Republished Apr. 13. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Woven cotton fabric bags. 408,023, July 11, 1944. Republished Apr. 13. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Bags and sacks. 416,343, Sept. 4, 1945. Republished Apr. 13. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Bags and sacks. 416,879, Oct. 2, 1945. Republished Apr. 13. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Twine. 421,218, May 21, 1946. Republished Apr. 13. Class 7.

Bemis Bro. Bag Company, St. Louis, Mo. Waterproof shipping bags. 422,691, Aug. 6, 1946. Republished Apr. 13. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Sewing thread. 423,429, Sept. 3, 1946. Republished Apr. 13. Class 43.

Bemis Bro. Bag Company, St. Louis, Mo. Paper bags and sacks. 424,440, Oct. 3, 1946. Republished Apr. 13. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Waterproof bags. 424,930, Oct. 29, 1946. Republished Apr. 13. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Fabric bags and sacks. 424,933, Oct. 29, 1946. Republished Apr. 13. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Fabric bags and sacks. 425,551, Nov. 26, 1946. Republished Apr. 13. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Twine. 426,536, Dec. 31, 1946. Republished Apr. 13. Class 7.

Bemis Bro. Bag Company, St. Louis, Mo. Bags. 426,740, Jan. 7, 1947. Republished Apr. 13. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Fabric and paper bags and sacks. 426,940, Jan. 21, 1947. Republished Apr. 13. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Fabric bags. 427,085–6, Jan. 28, 1947. Republished Apr. 13. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Coated fabrics and tubing. 428,425, Mar. 25, 1947. Republished Apr. 13. Class 42.

Bemis Bro. Bag Company, St. Louis, Mo. Open-mesh bags. 429,910, May 20, 1947. Republished Apr. 13. Class 2.

Bemis Bro. Bag Company, St. Louis, Mo. Tents, tarpaulins, and non-tailored waterproof fabric covers. 430,580, June 17, 1947. Republished Apr. 13. Class 50.

Bendix Aviation Corporation, Troy, N. Y. Brake lining. 421,177, May 21, 1946. Republished Apr. 13. Class 35.

Bennett-Ireland, Norwich, N. Y. Fireplace structures. 438,171, Apr. 13; Serial No. 493,734, published Dec. 30, 1947. Class 34.

Berger-Plate Company, Beverly Hills, Calif. Talc. 438,183, Apr. 13; Serial No. 499,756, published Aug. 12, 1947. Class 1.

Best, Richard, Pencil Company, Inc., Springfield, N. J. Wood encased lead pencils. 438,332, Apr. 13; Serial No. 524,899, published Jan. 20, 1948. Class 37.

Best, Richard, Pencil Company, Inc., Springfield, N. J. Wood-encased lead and colored pencils. 438,333, Apr. 13; Serial No. 524,902, published Jan. 20, 1948. Class 37.

Blanke-Baer Extract & Preserving Company, St. Louis, Mo. Flavoring mixtures of fruit and/or syrup for ice cream. 383,146, Nov. 26, 1940. Republished Apr. 13. Class 46.

Blanke-Baer Extract & Preserving Company, St. Louis, Mo. Jellies, jams, fruit butters, etc. 422,018, June 25, 1946. Republished Apr. 13. Class 46.

Borden Company, The: *See*—
Lowe, Joe, Co. Inc.

Boston Beer Company, South Boston, Mass. Beer and ale. 415,083, July 10, 1945. Republished Apr. 13. Class 48.

Bradley, Richard, doing business as Richard Bradley and Associates, Chicago, Ill. Mechanically grooved phonograph records. 438,205, Apr. 13; Serial No. 507,366, published Jan. 13, 1948. Class 36.

Bradley, Richard, and Associates: *See*—
Bradley, Richard.

Brand Camera Company: *See*—
Brand, John.

Brand, John, doing business as Brand Camera Company, Los Angeles, Calif. Photographic cameras and camera accessories. 438,343, Apr. 13; Serial No. 525,294, published Jan. 20, 1948. Class 26.

Breuer Electric Mfg. Co., Chicago, Ill. Electric markers and etchers. 426,445, Dec. 24, 1946. Republished Apr. 13. Class 21.

Breuer Electric Mfg. Co., Chicago, Ill. Electric dust collectors. 426,446, Dec. 24, 1946. Republished Apr. 13. Class 21.

Brog, Victor, doing business as Gintone Laboratories, Memphis, Tenn. Hair tonic and face cream. 438,276, Apr. 13; Serial No. 519,255, published Jan. 13, 1948. Class 6.

Brooks, Laura B. P., St. Louis, Mo. Hair oil, pressing oil, and hair tonic. 438,220, Apr. 13; Serial No. 510,566, published Jan. 20, 1948. Class 6.

Brown-Brockmeyer Company, The, Dayton, Ohio. Electrical motors. 429,008, Apr. 15, 1947. Republished Apr. 13. Class 21.

Buffington's, Incorporated, Worcester, Mass. Antacid liquid preparation. 500,084, Apr. 13; Serial No. 529,586, published Jan. 27, 1948. Class 6.

Buffington's, Incorporated, Worcester, Mass. Laxative tablet. 500,085, Apr. 13; Serial No. 529,587, published Jan. 27, 1948. Class 6.

Buffington's, Incorporated, Worcester, Mass. Bile salts tablet. 500,086, Apr. 13; Serial No. 529,588, published Jan. 27, 1948. Class 6.

Buffington's, Incorporated, Worcester, Mass. Injectable oil solution of aromatic principles. 500,087, Apr. 13; Serial No. 529,589, published Jan. 27, 1948. Class 6.

Buffington's, Incorporated, Worcester, Mass. Balsam emulsion. 500,088, Apr. 13; Serial No. 529,592, published Jan. 27, 1948. Class 6.

Buffington's, Incorporated, Worcester, Mass. Antiseptic vaginal douche powder. 500,089, Apr. 13; Serial No. 529,593, published Jan. 27, 1948. Class 6.

Buffington's, Incorporated, Worcester, Mass. Liquid preparation. 500,090, Apr. 13; Serial No. 529,594, published Jan. 27, 1948. Class 6.

Buffington's, Incorporated, Worcester, Mass. Non-narcotic syrup. 500,091, Apr. 13; Serial No. 529,595, published Jan. 27, 1948. Class 6.

Buffington's, Incorporated, Worcester, Mass. Liquid external application. 500,092, Apr. 13; Serial No. 529,597, published Jan. 27, 1948. Class 6.

Bureau of National Affairs, Inc., The, assignee of United States News Publishing Corporation, Washington, D. C. Periodical publications. 500,101, Apr. 13; Serial No. 505,871. Class 38.

Burgess-Parr Company, Freeport, Ill. Metal alloy castings. 293,368, Apr. 19, 1932. Republished Apr. 13. Class 14.

Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Ointment. 500,078, Apr. 13; Serial No. 529,141, published Jan. 20, 1948. Class 6.

Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Dry viper venom for making solutions for use in controlling hemorrhage. 500,079, Apr. 13; Serial No. 529,143, published Jan. 20, 1948. Class 6.

Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Ointment. 500,080, Apr. 13; Serial No. 529,144, published Jan. 20, 1948. Class 6.

Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Medicinal preparations. 500,081, Apr. 13; Serial No. 529,145, published Jan. 20, 1948. Class 6.

Campana Corporation, by Campana Sales Company, Batavia, Ill. Toilet waters, colognes, and perfumery. 381,789, Oct. 8, 1940. Republished Apr. 13. Class 6.

Campana Sales Company: *See*—
Campana Corporation.

Candy & Company, Inc., Chicago, Ill. Candles. 351,743, Nov. 9, 1937. Republished Apr. 13. Class 15.

Cannon Shoe Company, Baltimore, Md. Shoes. 438,288, Apr. 13; Serial No. 520,143, published Nov. 4, 1947. Class 39.

Carborundum Company, The, Niagara Falls, N. Y. Molded abrasive articles. 429,548, May 6, 1947. Republished Apr. 13. Class 4.

Caron Corporation, assignee: *See*—
Daltroff, E., & Cie.

Celanese Corporation of America, New York, N. Y. Sheets, films, foils, etc. 438,275, Apr. 13; Serial No. 518,873, published Jan. 20, 1948. Class 1.

Celestion Limited: *See*—
Electrical Manufacturing & Plating Company.

Celotex Corporation, The, Chicago, Ill. Sheet metal building panels. 438,163, Apr. 13; Serial No. 490,100, published Jan. 13, 1948. Class 12.

Century Sportswear Co., Inc., Boston, Mass. Women's, misses' and junior skirts, shirts, shorts, etc. 430,651, June 17, 1947. Republished Apr. 13. Class 39.

Chain Store Root Beer Co., Inc., Rochester, N. Y. Root beer syrup. 295,475, July 5, 1932. Republished Apr. 13. Class 45.

Chamberlin Company of America, Detroit, Mich. Storm sash and doors, combination storm windows and doors, etc. 438,164–5, Apr. 13; Serial Nos. 490,789–90, published Dec. 23, 1947. Class 12.

Chappel Bros., Inc., Rockford, to The Quaker Oats Company, Chicago, Ill. Animal tonic. 237,372, renewed Jan. 10, 1948. O. G. Apr. 13. Class 6.

Chappel Bros., Inc., Rockford, to Quaker Oats Company, Chicago, Ill. Prepared food for dogs, cats, and other carnivorous animals. 237,851, renewed Jan. 17, 1948. O. G. Apr. 13. Class 46.

Charleston Milling Company: *See*—
Charleston Milling & Produce Company.

Charleston Milling Company, Charleston, W. Va. Wheat flour. 389,062, July 22, 1941. Republished Apr. 13. Class 46.

Charleston Milling & Produce Company, by Charleston Milling Company, Charleston, W. Va. Stock and poultry feed. 242,373, May 22, 1928. Republished Apr. 13. Class 46.

Chemical Specialties Incorporated, Oakland, Calif. Synthetic detergent solution. 500,099, Apr. 13; Serial No. 531,098, published Jan. 20, 1948. Class 4.

Chicago and Southern Air Lines, Inc., Memphis, Tenn. Fresh shrimp. 414,827, June 26, 1945. Republished Apr. 13. Class 46.

Chicago Streamlite Corporation, Chicago, Ill. House trailers. 438,269, Apr. 13; Serial No. 518,200, published Jan. 6, 1948. Class 19.

Chrom Glo Company, Toledo, Ohio. Metal polish in liquid form. 438,297, Apr. 13; Serial No. 521,435, published Jan. 13, 1948. Class 4.

Ciba Pharmaceutical Products, Inc., Summit, N. J. Organic combination of minerals for use as a general tonic. 438,153, Apr. 13; Serial No. 482,920, published Jan. 20, 1948. Class 6.

Cinderella Manufacturing Company, Jackson, Mich. Toy constructing and erecting sets. 428,558, Mar. 25, 1947. Republished Apr. 13. Class 22.

Clark, J. R., Company, The, Minneapolis, Minn. Ironing tables and ironing table pad and cover sets. 500,062, Apr. 13; Serial No. 530,376, published Jan. 27, 1948. Class 24.

Clark, J. R., Company, The, Minneapolis, Minn. Clothes drying racks. 500,065, Apr. 13; Serial No. 530,381, published Jan. 27, 1948. Class 24.

Clatfelter, H. C., and Company, Ferndale, Mich. Adapter bushings for supporting tools in tool holders. 438,161, Apr. 13; Serial No. 489,160, published Jan. 13, 1948. Class 23.

Cleevelandt Corporation, New York, N. Y. Fountain pens. 500,102, Apr. 13; Serial No. 507,801. Class 37.

Cling-Surface Company, Buffalo, N. Y. Preparation used as a preservative and filler for transmission belts and ropes. 438,214, Apr. 13; Serial No. 509,825, published Jan. 13, 1948. Class 4.

Coe, W. H., Manufacturing Company: *See*—
Coe, W. H., Manufacturing Co.

Coe, W. H., Manufacturing Co., to W. H. Coe Manufacturing Company, Providence, R. I. Hand-operated gliding-wheel. 66,733–5, re-renewed Dec. 24, 1947. O. G. Apr. 13. Class 23.

Colby Steel and Engineering Co., by Colby Steel and Engineering Co., Seattle, Wash. Industrial trucks and trailers. 169,994, July 10, 1923. Republished Apr. 13. Class 19.

Colby Steel and Engineering Co., by Colby Steel and Engineering Co., Seattle, Wash. Cranes. 177,012, Dec. 11, 1923. Republished Apr. 13. Class 23.

Coleman, Marvin W., Detroit, Mich. Fixture for hand operated portable power driven saws. 438,168–9, Apr. 13; Serial No. 492,988, published Jan. 13, 1948. Class 23.

Coles, Ross & Co., Incorporated, Chicago, Ill. Metallic sponge for cleaning metal surfaces. 438,237, Apr. 13; Serial No. 513,100, published Jan. 27, 1948. Class 4.

Colgate-Palmolive-Peet Company, Jersey City, N. J. Liquid dentifrice and hair dressing. 500,083, Apr. 13; Serial No. 529,235, published Jan. 27, 1948. Class 6.

Columbian Enameling & Stamping Co., Inc., Terre Haute, Ind. Enameled ware. 363,056, Dec. 13, 1938. Republished Apr. 13. Class 13.

Columbus Dental Manufacturing Co., The, Columbus, Ohio. Rugae molds. 230,162, renewed Dec. 6, 1947. O. G. Apr. 13. Class 44.

Comet Manufacturing Co., Inc., Minneapolis, Minn. Motor scooters. 430,305, June 10, 1947. Republished Apr. 13. Class 19.

Consolidated Cosmetics, Chicago, Ill. Perfume, lipstick, face powder, etc. 423,713, Sept. 10, 1946. Republished Apr. 13. Class 6.

Consolidated Cosmetics, Chicago, Ill. Laundry soap, abrasive grains and powders, shoe polish, and silver polish. 438,193, Apr. 13; Serial No. 503,800, published Apr. 22, 1947. Class 4.

Continental Aviation and Engineering Corporation, Detroit and Muskegon, Mich. Airplane propellers and propeller hubs and parts thereof. 438,181, Apr. 13; Serial No. 499,391, published Jan. 20, 1948. Class 19.

Continental Aviation and Engineering Corporation, Detroit and Muskegon, Mich. Airplane propellers and propeller hubs and parts thereof. 438,182, Apr. 13; Serial No. 499,393, published Jan. 27, 1948. Class 19.

Continental Coffee Company, Chicago, Ill. Seasoning and coloring agent. 428,534, Mar. 25, 1947. Republished Apr. 13. Class 46.

Cork Import Corporation, Englewood, N. J. Waterproof adhesive cements. 416,431, Sept. 11, 1945. Republished Apr. 13. Class 5.

Coty, Inc., New York, N. Y. Toilet water, perfume, etc. 438,156, Apr. 13; Serial No. 484,292, published Apr. 15, 1947. Class 6.

Cranberry Canners, Inc., South Hanson, by change of name to National Cranberry Association, Hanson, Mass. Cranberry juice. 381,246, Sept. 17, 1940. Republished Apr. 13. Class 45.

Crest Specialty, Not Inc., Chicago, Ill. Collar stays. 422,690, Aug. 6, 1946. Republished Apr. 13. Class 28.

Crown Willamette Paper Company: *See*—
Crown Zellerbach Corporation.

Crown Zellerbach Corporation, also doing business as Crown Willamette Paper Company, San Francisco, Calif. Tissue fruit wraps. 413,567, May 1, 1945. Republished Apr. 13. Class 37.

Crown Zellerbach Corporation, also doing business as Crown Willamette Paper Company, San Francisco, Calif. Wrapping paper. 414,800, June 26, 1945. Republished Apr. 13. Class 37.

Crown Zellerbach Corporation, also doing business as Crown Willamette Paper Company, San Francisco, Calif. Gummed tape. 419,500, Feb. 19, 1946. Republished Apr. 13. Class 37.

Cumberland Mfg. Company, Nashville, Tenn. Medicinal preparations. 438,253. Apr. 13; Serial No. 516,116, published Jan. 20, 1948. Class 6.

Cured Fruit Association, San Francisco, Calif. Dried fruits. 438,175, Apr. 13; Serial No. 498,117, published Jan. 27, 1948. Class 46.

D. D. D. Company, Chicago, Ill. Medicine. 56,747, Oct. 16, 1906. Amended. O. G. Apr. 13. Class 6.

Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France, assignor to Caron Corporation, by Caron Corporation, New York, N. Y. Perfume. 351,665, Nov. 2, 1937. Republished Apr. 13. Class 6.

D'Amico Fifth Avenue: *See*—
D'Amico, Harry J.

D'Amico, Harry J., doing business as D'Amico Fifth Avenue, New York, N. Y. Lipstick. 438,225, Apr. 13; Serial No. 511,383, published Jan. 27, 1948. Class 6.

Darrow, Abe E., Philadelphia, Pa. Medicinal preparation. 500,077, Apr. 13; Serial No. 528,856, published Jan. 20, 1948. Class 6.

Daumit, Kay, Inc., Chicago, Ill., assignor to Kay Daumit, Inc., Jersey City, N. J. Shampoo and hair dressing. 438,370, Apr. 13; Serial No. 514,941. Class 6.

Davies-Young Soap Company, The, Dayton, Ohio. Paste-shampoo. 382,886, Nov. 12, 1940. Republished Apr. 13. Class 6.

Decto Products Company, The, Salem, Mass. Grease compound to provide a waterproof cover for dry fishing flies. 438,240, Apr. 13; Serial No. 513,656, published Jan. 13, 1948. Class 6.

Defiance All-Weather Paint Co.: *See*—
Moreland, William.

De Flandre, Charles, New York, N. Y. Men's toiletries. 438,167, Apr. 13; Serial No. 492,902, published Jan. 20, 1948. Class 6.

De la Vega, German, Brooklyn, N. Y. Hair emulsion. 438,307, Apr. 13; Serial No. 523,465, published Jan. 27, 1948. Class 6.

Detrick, M. H., Company, Chicago, Ill. Refractory blocks and tile. 402,280, July 13, 1943. Republished Apr. 13. Class 12.

Differential Steel Car Company, Findlay, Ohio. Passenger trailers for mine workers. 438,207, Apr. 13; Serial No. 507,807, published Dec. 16, 1947. Class 19.

Dillman Industries, Inc., Memphis, Tenn. Shipping containers. 379,830, July 30, 1940. Republished Apr. 13. Class 2.

Dow Corning Corporation, Midland, Mich. Compositions in physical character comparable to milled and compound rubber, etc. 438,195, Apr. 13; Serial No. 503,981, published Jan. 27, 1948. Class 1.

Dubarry Perfumery Company Limited, Hove, England. Preparation for whitening and softening the hands, cuticle solvent, cuticle cream, etc. 236,279, renewed Dec. 6, 1947. O. G. Apr. 13. Class 6.

Dudley, Carl, doing business as Carl Dudley Productions, Beverly Hills, Calif. Series of motion picture films. 438,284, Apr. 13; Serial No. 520,018, published Jan. 20, 1948. Class 26.

Dudley, Carl, Productions: *See*—
Dudley, Carl.

Du-Ev Products Co., Inc., Brooklyn, N. Y. Liquid hand soap, soap cleaning compounds, etc. 438,299, Apr. 13; Serial No. 521,508, published Jan. 13, 1948. Class 4.

Durobuilt Brush Mfg. Co., New York, N. Y. Shaving brushes. 438,185, Apr. 13; Serial No. 500,465, published Jan. 13, 1948. Class 29.

Dynamatic Corporation, Kenosha, Wis. Electric motor-clutches, including motors and controls therefor. 373,583, Dec. 12, 1939. Republished Apr. 13. Class 21.

Dynamatic Corporation, Kenosha, Wis. Electric drives. 409,713, Oct. 17, 1944. Republished Apr. 13. Class 21.

Dynamatic Corporation, Kenosha, Wis. Electro-magnetic clutches or couplings. 419,309, Feb. 12, 1946. Republished Apr. 13. Class 21.

Dynamatic Corporation, Kenosha, Wis. Valves. 419,310, Feb. 12, 1946. Republished Apr. 13. Class 23.

Dynamatic Corporation, Kenosha, Wis. Dynamometers. 425,108, Nov. 5, 1946. Republished Apr. 13. Class 26.

E. M. E. Corporation, doing business as Kemiko Mfg. Co., Newark, N. J., to Kemiko Manufacturing Company, Irvington, N. J. Disinfectants, deodorants, insecticides, etc. 237,071, renewed Jan. 3, 1948. O. G. Apr. 13. Class 6.

Edwal Laboratories, Inc., The, Chicago, Ill. Fine grain photographic developers. 500,071, Apr. 13; Serial No. 527,829, published Jan. 20, 1948. Class 6.

Eevra Co.: *See*—
Stappas, Georgia.

Elcar Coach Corp., Chicago, Ill. Automotive vehicle trailers. 437,198, Apr. 13; Serial No. 504,756, published Dec. 23, 1947. Class 19.

Electric Railway Improvement Company, The, Cleveland, Ohio. Metals, metal compounds and alloys. 425,701, Dec. 3, 1946. Republished Apr. 13. Class 14.

Electrical Manufacturing & Plating Company, Hampton Wick, Kingston-on-Thames, England, to Celestion Limited, Kingston-on-Thames, England. Loud speakers for wireless telephony. 234,216, renewed Oct. 18, 1947. O. G. Apr. 13. Class 21.

Electronic Development Associates, New York, N. Y. Periodical published monthly. 500,100, Apr. 13; Serial No. 500,531. Class 38.

Elgin Softener Corporation, Elgin, Ill. Ion exchanging materials. 416,293–4, Sept. 4, 1945. Republished Apr. 13. Class 6.

Elgin Softener Corporation, Elgin, Ill. Ion exchanging materials. 419,472, Feb. 19, 1946. Republished Apr. 13. Class 6.

Emanuel, Lydia, New York, N. Y. Perfumes. 438,255, Apr. 13; Serial No. 516,402, published Jan. 20, 1948. Class 6.

Emsig Manufacturing Company, New York, N. Y. Moulding powder and moulding plastic. 438,306, Apr. 13; Serial No. 523,192, published Jan. 20, 1948. Class 1.

Endicott Johnson Company, to Endicott Johnson Corporation, Endicott, N. Y. Boots and shoes. 68,952, renewed May 12, 1948. O. G. Apr. 13. Class 39.

Endicott Johnson Corporation: *See*—
Endicott Johnson Company.

Endo Products Inc., New York, N. Y. Medicinal preparation. 438,280. Apr. 13; Serial No. 519,389, published Sept. 2, 1947. Class 6.

Eugene, Ltd., Brooklyn, N. Y. Permanent waving solutions and hair drying solutions. 416,700, Sept. 25, 1945. Republished Apr. 13. Class 6.

Eveready Canvas Corporation, New York, N. Y. Canvas by the yard or as piece goods. 500,074. Apr. 13; Serial No. 528,617, published Dec. 23, 1947. Class 42.

Fashion Park, Inc.: *See*—
Rosenberg Bros. & Co.
Stein–Bloch Co.

Federal Electric Company, Inc., Chicago, Ill. Non-electrical advertising display signs. 416,839, Oct. 2, 1945. Republished Apr. 13. Class 50.

Federal Electric Company, Inc., Chicago, Ill. Plastic pipe and tubing. 416,840, Oct. 2, 1945. Republished Apr. 13. Class 13.

Federal Electric Company, Inc., of Texas, Chicago, Ill. Liquid plastic surfacing material. 424,340, Oct. 1, 1946. Republished Apr. 13. Class 16.

Felt and Tarrant Manufacturing Company, Chicago, Ill. Adding and calculating machines. 413,581, May 1, 1945. Republished Apr. 13. Class 26.

Fijelen Research and Development Company, Wash., D. C., assignor to Flame Cultivation, Incorporated, New York, N. Y. Flame cultivators. 438,173, Apr. 13; Serial No. 495,370, published Jan. 13, 1948. Class 23.

Flame Cultivation, Incorporated, assignee: *See*—
Fijelen Research and Development Company.

Flintkote Company, The, New York, N. Y. Compound for sealing of expansion or contraction joints in concrete road, street, etc. 438,254. Apr. 13; Serial No. 516,121, published Dec. 16, 1947. Class 12.

Florsheim Shoe Company, The, Chicago, Ill. Shoes. 240,767, renewed Apr. 10, 1948. O. G. Apr. 13. Class 39.

Flour City Ornamental Iron Company, The, Minneapolis, Minn. Boats. 429,596, May 6, 1947. Republished Apr. 13. Class 19.

Flower Foods, Inc., Maywood, Ill. Scrips for monologues, dialogues, sketches and radio broadcasts. 425,136, Nov. 5, 1946. Republished Apr. 13. Class 38.

Flower Foods, Inc., Maywood, Ill. Composition containing chemical ingredients. 428,774, Apr. 1, 1947. Republished Apr. 13. Class 6.

Fixible Company, The, Loudonville, Ohio. Buses. 438,233, Apr. 13; Serial No. 512,773, published Dec. 23, 1947. Class 19.

Foster Machine Company, Westfield, Mass. Doublers, cheese winders, magazine creels, etc. 402,319, July 13, 1943. Republished Apr. 13. Class 23.

Foster-McClellan Co., Buffalo, N. Y. Cathartic pills. 68,743, re-renewed Apr. 28, 1948. O. G. Apr. 13. Class 6.

Fouke Fur Company, St. Louis, Mo. Furs, skins, hides, etc. 373,769, Dec. 19, 1939. Republished Apr. 13. Class 1.

Fouke Fur Company, St. Louis, Mo. Fur skins, hides, and pelts. 414,446, June 12, 1945. Republished Apr. 13. Class 1.

Fouke Fur Company, St. Louis, Mo. Fur skins, hides, and pelts. 418,557, June 1, 1946. Republished Apr. 13. Class 1.

Franco Corset Company, New York, N. Y. Corsets, corselets, and girdles. 427,657, Feb. 18, 1947. Republished Apr. 13. Class 39.

Freeman, John, & Company Limited, Chesham, England. Tooth and toilet brushes. 438,260, Apr. 13; Serial No. 516,973, published Jan. 27, 1948. Class 29.

Fruen Milling Company, Minneapolis, Minn. Cereal breakfast foods. 409,130, Sept. 19, 1944. Republished Apr. 13. Class 46.

Fruen Milling Company, Minneapolis, Minn. Whole wheat flour, rye, meal, etc. 419,574, Feb. 26, 1946. Republished Apr. 13. Class 46.

Galowin, Betty, doing business as Galowin Toilettries, New York, N. Y. Cosmetic cream. 438,242, Apr. 13; Serial No. 514,266, published Jan. 20, 1948. Class 6.

Galowin Toilettries: *See*—
Galowin, Betty.

Gates Rubber Company, The, Denver, Colo. V-belts. 419,658, Feb. 26, 1946. Republished Apr. 13. Class 35.

Gates Rubber Company, The, Denver, Colo. Power transmission belts. 420,423, Apr. 9, 1946. Republished Apr. 13. Class 35.

Gates Rubber Company, The, Denver, Colo. Power transmission belts. 425,290, Nov. 12, 1946. Republished Apr. 13. Class 35.

Gee, John S., Arlington, Tex., Holder for road charts and maps. 438,172, Apr. 13; Serial No. 494,744, published Dec. 16, 1947. Class 19.

Geerlings Feed Mills: *See*—
Geerlings, Petrus J.

Geerlings, Petrus J., doing business as Geerlings Feed Mills, Waterloo, Iowa. Feed for livestock and poultry. 436,226, Apr. 13; Serial No. 511,807, published Jan. 20, 1948. Class 46.

General Aniline & Film Corporation: *See*—
I. G. Farbenindustrie Aktiengesellschaft.

General Aniline & Film Corporation, New York, N. Y. Photographic goods. 382,058, Oct. 15, 1940. Republished Apr. 13. Class 26.

General Aniline & Film Corporation, New York, N. Y. Chemicals and preparations and compounds thereof. 426,267, Dec. 24, 1946. Republished Apr. 13. Class 6.

General Aniline & Film Corporation, New York, N. Y. Chemical composition used as a dispersing agent, a wetting agent, etc. 438,208, Apr. 13; Serial No. 507,980, published Jan. 20, 1948. Class 6.

General Fireproofing Company, The, Youngstown, Ohio. Office, store, hospital, and bank furniture. 286,715, Sept. 1, 1931. Republished Apr. 13. Class 32.

General Fireproofing Co., The, Youngstown, Ohio. Filing cabinets. 424,652, Oct. 15, 1946. Republished Apr. 13. Class 32.

General Housing Company, Dallas, Tex. Pleasure and fishing boats. 438,213, Apr. 13; Serial No. 509,574, published Dec. 16, 1947. Class 19.

General Research Company, Buffalo, N. Y. Pyrophoric lighters for cigarettes. 438,170, Apr. 13; Serial No. 493,342, published Dec. 23, 1947. Class 34.

General Tire & Rubber Company, The, Akron, Ohio. Camelback. 375,005, Feb. 6, 1940. Republished Apr. 13. Class 1.

Germain Seed and Plant Company, Los Angeles, Calif. Vegetable and flower seeds. 425,543, Nov. 26, 1946. Republished Apr. 13. Class 1.

Germain Seed and Plant Company, Los Angeles, Calif. Grass seed. 425,736, Dec. 3, 1946. Republished Apr. 13. Class 1.

Ghirardelli, D., Co., San Francisco, Calif. Ground chocolate and cocoa. 426,159, Dec. 17, 1946. Republished Apr. 13. Class 46.

Ghirardelli, D., Co., San Francisco, Calif. Ground chocolate, cocoa, and chocolate. 426,706, Jan. 7, 1947. Republished Apr. 13. Class 46.

Ghirardelli, D., Co., San Francisco, Calif. Ground chocolate, cocoa, bitter sweet chocolate, etc. 438,352, Apr. 13; Serial No. 525,587, published Jan. 27, 1948. Class 46.

Gintone Laboratories: *See*—
Brog, Victor.

Gits Molding Corporation, Chicago, Ill. Pocket knives, razor knives, and spoons. 436,125, Jan. 20, 1948. Corrected. O. G. Apr. 13. Class 23.

Glicksman, A., and Company: *See*—
Glicksman, Aaron.

Glicksman, Aaron, doing business as A. Glicksman and Company, Chicago, Ill. Leather in the piece. 438,329, Apr. 13; Serial No. 524,792, published Jan. 20, 1948. Class 3.

Globe Wernicke Co., The, Norwood, Ohio. Wood desk trays, steel desk trays, filing shelves, etc. 418,881, Jan. 15, 1946. Republished Apr. 13. Class 32.

Glyco Products Co. Inc., Brooklyn, N. Y. Emulsifying agent and wetting agent. 438,221, Apr. 13; Serial No. 510,677, published Jan. 20, 1948. Class 6.

Gordon, Joseph M., New York, N. Y. Laminae of plastic composition. 438,363, Apr. 13; Serial No. 502,749. Class 50.

Gorman, John F., doing business as Vitaminerals Co., by Vitaminerals, Inc., Los Angeles, Calif. Broth powder. 393,059, Jan. 27, 1942. Republished Apr. 13. Class 46.

Gottesman & Company Incorporated, New York, N. Y. Wood pulp. 438,316, Apr. 13; Serial No. 524,182, published Jan. 20, 1948. Class 1.

Grand Products Company: *See*—
Priess, John L.

Graphic Arts Corporation of Ohio, Toledo, Ohio. Paper. 415,804, Aug. 14, 1945. Republished Apr. 13. Class 37.

Graphic Arts Corporation of Ohio, Toledo, Ohio. Prints of mechanical drawings, architect's plans, and like designs. 416,617, Sept. 25, 1945. Republished Apr. 13. Class 38.

Gray Company, Inc., Minneapolis, Minn. Solvent in the form of a liquid. 388,122, June 10, 1941. Republished Apr. 13. Class 6.

Gray Company, Inc., Minneapolis, Minn. Preparation comprising an absorbent powdered material. 410,603, Dec. 5, 1944. Republished Apr. 13. Class 4.

Great American Tea Company, The, New York, N. Y. Dental cream, cold cream, and toilet water. 500,073, Apr. 13; Serial No. 528,464, published Jan. 20, 1948. Class 6.

Great Atlantic & Pacific Tea Company, The, New York, N. Y. Soap powder, soap grains, soap flakes, etc. 438,236, Apr. 13; Serial No. 513,050, published Jan. 13, 1948. Class 4.

Great Atlantic & Pacific Tea Company, The, New York, N. Y. Self-rising flour. 500,063, Apr. 13; Serial No 527,367, published Jan. 27, 1948. Class 46.

Great Atlantic & Pacific Tea Company, The, New York, N. Y. Scratch feed, egg laying mash feed, etc. 500,064, Apr. 13; Serial No. 527,405, published Jan. 27, 1948. Class 46.

Great Atlantic & Pacific Tea Company, The, New York, N. Y. Eggs. 500,067, Apr. 13; Serial No. 527,529, published Jan. 20, 1948. Class 46.

Great Atlantic & Pacific Tea Company, The, New York, N. Y. Butter. 500,069, Apr. 13; Serial No. 527,595, published Jan. 20, 1948. Class 46.

Green, A. P., Fire Brick Company, Mexico, Mo. Fire brick. 438,285, Apr. 13; Serial No. 520,029, published Jan. 13, 1948. Class 12.

Grinnell Company, Inc., to Grinnell Corporation, Providence, R. I. Valves. 237,399, renewed Jan. 10, 1948. O. G. Apr. 13. Class 13.

Grinnell Company, Inc., to Grinnell Corporation, Providence, R. I. Radiators. 242,217, renewed May 15, 1948. O. G. Apr. 13. Class 34.

Grinnell Corporation: *See*—
Grinnell Company, Inc.

Gross Photo Supply Company, The, Toledo, Ohio. Developing solution. 380,505, Aug. 20, 1940. Republished Apr. 13. Class 6.

Grossman, Ralph E., Decatur, Ill. Toy painting kits. 438,369, Apr. 13; Serial No. 508,723. Class 22.

Gruen Watch Company, The, Cincinnati, Ohio. Watches, watch cases, and watch movements. 438,261, Apr. 13; Serial No. 516,976, published Jan. 27, 1948. Class 27.

Gruendler Crusher and Pulverizer Company: *See*—
Gruendler Patent Crusher and Pulverizer Company.

Gruendler Patent Crusher and Pulverizer Company, to Gruendler Crusher and Pulverizer Company, St. Louis, Mo. Crushers, shredders, breakers, etc. 239,231, renewed Feb. 28, 1948. O. G. Apr. 13. Class 23.

Gruendler Patent Crusher and Pulverizer Company, to Gruendler Crusher and Pulverizer Company, St. Louis, Mo. Crushers, shredders, breakers, etc. 239,233, renewed Feb. 28, 1948. O. G. Apr. 13. Class 23.

Gruendler Patent Crusher and Pulverizer Company, to Gruendler Crusher and Pulverizer Company, St. Louis, Mo. Crushers, shredders, breakers, etc. 240,680, renewed Apr. 3, 1948. O. G. Apr. 13. Class 23.

Guerlain Perfumery Corporation, The: *See*—
Guerlain Perfumery Corporation of New York.

Guerlain Perfumery Corporation of New York, to The Guerlain Perfumery Corporation, New York, N. Y. Face powders. 237,797, renewed Jan. 17, 1948. O. G. Apr. 13. Class 6.

Guerlain Perfumery Corporation of New York, to The Guerlain Perfumery Corporation, New York, N. Y. Perfume. 239,458, renewed Mar. 6, 1948. O. G. Apr. 13. Class 6.

Guth, Edwin F., Company, The, St. Louis, Mo. Electric lighting fixtures. 352,394, Nov. 30, 1937. Republished Apr. 13. Class 21.

Guth, Edwin F., Company, The, St. Louis, Mo. Electric lighting fixtures. 362,223, Nov. 15, 1938, Republished Apr. 13. Class 21.

Guth, Edwin F., Company, The, St. Louis, Mo. Electric lighting fixtures. 407,485, June 6, 1944. Republished Apr. 13. Class 21.

H. & S. Originals, New York, N. Y. Simulated pearls. 438,162, Apr. 13; Serial No. 489,666, published Sept. 17, 1946. Class 28.

Haag Machine Company, Hawthorne, N. J. Metal spinning lathes and parts thereof. 438,227, Apr. 13; Serial No. 511,942, published Jan. 13, 1948. Class 23.

Hall, C. P., Company, The, Akron, Ohio. Plasticizer and softener for rubber and synthetic rubbers. 500,076, Apr. 13; Serial No. 528,788, published Jan. 27, 1948. Class 6.

Haloid Company, The, Rochester, N. Y. Light-sensitive paper. 438,319, Apr. 13; Serial No. 524,458, published Jan. 20, 1948. Class 26.

Harco Products Company, Chicago, Ill. Abrasive element carried by a spindle for use in finishing inside surfaces, etc. 438,186, Apr. 13; Serial No. 500,472, published Jan. 6, 1948. Class 4.

Harlo Distributor: *See*—
Adams, Harry.

Harvey-Whipple Incorporated, Springfield, Mass. Oil burners and parts thereof. 438,177, Apr. 13; Serial No. 498,629, published Dec. 23, 1947. Class 34.

Harwill Blouse Co., Inc., Boston, Mass. Misses', women's, and junior misses' dresses, blouses, dickeys, etc. 403,512, Sept. 28, 1943. Republished Apr. 13. Class 39.

Heald Machine Company, The, Worcester, Mass. Precision boring machines, precision grinding machines, etc. 382,468, Oct. 29, 1940. Republished Apr. 13. Class 23.

Heinz, H. J., Company, Pittsburgh, Pa. Pickles, chow-chow, sauer-kraut, etc. 67,934, Feb. 25, 1908. Republished Apr. 13. Class 46.

Heller, Morris, Brooklyn, N. Y. Food serving trays. 438,364, Apr. 13; Serial No. 503,904. Class 13.

Hill-Shaw Company, by Hill-Shaw Company, Chicago, Ill. Glass coffee brewers. 399,805, Feb. 2, 1943. Republished Apr. 13. Class 13.

Hill-Shaw Company, by Hill-Shaw Company, Chicago, Ill. Electric hot plates or stoves. 416,009, Aug. 21, 1945. Republished Apr. 13. Class 21.

Hill-Shaw Company, by Hill-Shaw Company, Chicago, Ill. Gas hot plates or stoves. 416,010, Aug. 21, 1945. Republished Apr. 13. Class 34.

Hill-Shaw Company, by Hill-Shaw Company, Chicago, Ill. Filters of cloth and cloth filter holders and filters made of porcelain. 417,470, Oct. 30, 1945. Republished Apr. 13. Class 13.

Hills Bros. Coffee, Inc., San Francisco, Calif. Coffee. 426,374–5, Dec. 24, 1946. Republished Apr. 13. Class 46.

Hinds Laboratories: *See*—
Hinds, William E.

Hinds, William E., doing business as Hinds Laboratories, Hillsboro, Oreg. Vanishing cream and cold cream. 438,160, Apr. 13; Serial No. 488,590, published Jan. 20, 1948. Class 6.

Hoak, D. R., doing business as West Coast Growers & Packers, by West Coast Growers & Packers, Inc., Fresno, Calif. Raisins. 426,568, Dec. 31, 1946. Republished Apr. 13. Class 46.

Hobbywoods: *See*—
Jay, Frederic C.

Holt, Henry, and Company, Incorporated, New York, N. Y. Mechanically grooved phonograph records. 438,252, Apr. 13; Serial No. 516,076, published Jan. 20, 1948. Class 36.

Horlacher Brewing Company, Allentown, Pa. Ale. 415,516, Aug. 7, 1945. Republished Apr. 13. Class 48.

Horton Manufacturing Company, The, Bristol, Conn. Steel fishing-rods. 50,916, Apr. 3, 1906. Republished Apr. 13. Class 22.

Horton Manufacturing Company, The, Bristol, Conn. Reels for fishing-rods. 117,560, July 17, 1917. Republished Apr. 13. Class 22.

Hospital Liquids, Inc., Chicago, Ill. Intravenous and subcutaneous solutions. 328,691, Oct. 1, 1935. Republished Apr. 13. Class 6.

Hospital Liquids, Inc., Chicago, Ill. Anterior pituitary-like sex hormones, chorionic gonadatrophin in powdered form or in solutions of distilled water. 381,067, Sept. 10, 1940. Republished Apr. 13. Class 6.

Hospital Liquids, Inc., Chicago, Ill. Solution for parenteral administration. 415,332, Aug. 7, 1945. Republished Apr. 13. Class 6.

Hotze, Henry, & Sons Company, St. Louis, Mo. Golf bags. 428,917, Apr. 8, 1947. Republished Apr. 13. Class 22.

Hough, William J., Co., The, doing business as Prairie Wax Co., Chicago, Ill. Refined and crystallized wax. 438,267, Apr. 13; Serial No. 518,000, published Jan. 27, 1948. Class 1.

Hoyt, Philip S., Inc., El Paso, Tex. Composition of matter of raw or partly prepared minerals, etc. 438,256, Apr. 13; Serial No. 516,416, published Jan. 27, 1948. Class 1.

Hy-Pro Tool Company, New Bedford, Mass. Taps, dies, saws, etc. 438,158, Apr. 13; Serial No. 487,368, published Jan. 13, 1948. Class 23.

I. G. Farbenindustrie Aktiengesellschaft, Frankfort, Germany, to Winthrop-Stearns Inc., New York, N. Y. Preparations for the treatment of secondary and tertiary syphilis, etc. 242,608, renewed May 29, 1948. O. G. Apr. 13. Class 6.

I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany, by General Aniline & Film Corporation, New York, N. Y. Photographic films. 266,994, Feb. 11, 1930. Republished Apr. 13. Class 26.

Imperial Paper and Color Corporation, Glens Falls, N. Y. Wallpapers. 438,248, Apr. 13; Serial No. 515,179, published Jan. 20, 1948. Class 37.

Indentiscope Company of America, The: *See*—
Spatz, Effie J.

Ingersoll, Robt. H., & Bro., New York, N. Y. Watches and clocks. 47,471, Nov. 7, 1905. Corrected. O. G. Apr. 13. Class 27.

Ingersoll, Robt. H., & Bro., New York, N. Y. Watches and clocks. 49,237, Jan. 30, 1906. Corrected. O. G. Apr. 13. Class 27.

International Chemical Company, Chicago, Ill. Preparatio for shaving. 230,882, renewed Aug. 9, 1947. O. G. Apr. 13. Class 4.

International Harvester Company, Chicago, Ill. Twine. 416,823, Oct. 2, 1945. Republished Apr. 13. Class 7.

International Harvester Company, Chicago, Ill. Milk coolers. 416,825, Oct. 2, 1945. Republished Apr. 13. Class 31.

International Harvester Company, Chicago, Ill. Ferrous castings and forgings. 420,804, May 7, 1946. Republished Apr. 13. Class 14.

International Harvester Company, Chicago, Ill. Automotive trucks, farm wagons, tractors, etc. 428,377, Mar. 25, 1947. Republished Apr. 13. Class 19.

International Silver Company, The, Meriden, Conn. Silver polish. 438,217, Apr. 13; Serial No. 510,084, published Jan. 6, 1948. Class 4.

Itsa Mfg. Co., St. Louis, Mo. Scrub brush clamp handles. 438,326, Apr. 13; Serial No. 524,708, published Jan. 13, 1948. Class 29.

Jaquet, Incorporated, New York, N. Y. Toilet and bath soap. 438,178, Apr. 13; Serial No. 498,995, published Jan. 20, 1948. Class 4.

Jay, Frederic C., doing business as Hobbywoods, Baltimore, Md. Lumber. 438,216, Apr. 13; Serial No. 509,987, published Jan. 6, 1948. Class 12.

Jenkins, George O., Company, Bridgewater, Mass. Fiberboard in sheet form. 399,393, Jan. 5, 1943. Republished Apr. 13. Class 50.

Johns-Manville Corporation, New York, N. Y. Mineral wool thermal insulation in nodulated form. 438,194, Apr. 13; Serial No. 503,817, published Dec. 16, 1947. Class 12.

Johnson & Johnson, New Brunswick, N. J. Sutures and ligatures. 438,277–9, Apr. 13; Serial No. 519,333–5, published Jan. 20, 1948. Class 44.

Johnson, S. C., & Son, by S. C. Johnson & Son, Inc., Racine, Wis. Polishing brushes. 176,053, Nov. 13, 1923. Republished Apr. 13. Class 29.

Johnson, S. C., & Son, by S. C. Johnson & Son, Inc., Racine, Wis. Liquid compound for removing carbon deposits. 183,160, Apr. 22, 1924. Republished Apr. 13. Class 6.

Johnson, S. C., & Son, by S. C. Johnson & Son, Inc., Racine, Wis. Wax. 333,368, Mar. 17, 1936. Republished Apr. 13. Class 16.

Johnson, S. C., & Son, Inc.: *See*—
Johnson, S. C., & Son.

Kamaka, Samuel Kaialiilii, Pawaa Junction, Honolulu, T. H. Ukuleles. 239,259, renewed Feb. 28, 1948. O. G. Apr. 13. Class 36.

Kaplan Furniture Company, Cambridge, Mass. Dining, coffee, end, drum, drop leaf, and console tables, desks secretaries, bookcases, etc. 352,408, Nov. 30, 1937. Republished Apr. 13. Class 32.

Kelbert Watch Company, Inc., New York, N. Y. Watches. 438,274, Apr. 13; Serial No. 518,764, published Jan. 27, 1948. Class 27.

Kelley-Clarke Company, Seattle, Wash., assignor by mesne assignments to Kelley-Clarke Company. Canned fish. 438,157, Apr. 13; Serial No. 486,307, published Jan. 20, 1948. Class 46.

Kemiko Manufacturing Company: *See*—
E. M. E. Corporation.

Kemiko Mfg. Co.: *See*—
E. M. E. Corporation.

Keresztes, Ladislav, doing business as Laker Hairspring Service, New York, N. Y. Shutter operating attachment for cameras. 438,311, Apr. 13; Serial No. 523,899, published Jan. 20, 1948. Class 26.

Kimberly-Clark Corporation, Neenah, Wis. Paper and creped cellulose wadding. 411,952, Feb. 13, 1945. Republished Apr. 13. Class 1.

Kinkead Industries Incorporated, Chicago, Ill. Metal and plastic mouldings. 425,811, Dec. 3, 1946. Republished Apr. 13. Class 12.

Korkmaster Company, The, Red Bank, N. J. Cork-screw. 438,188, Apr. 13; Serial No. 500,758, published Jan. 13, 1948. Class 23.

Kruse & Connor, Chicago, Ill. Coin controlled amusement game apparatus. 426,581, Dec. 31, 1946. Republished Apr. 13. Class 22.

Lacey, Robert T., Spokane, Wash. Combined envelope and writing paper. 438,229, Apr. 13; Serial No. 512,424, published Jan. 20, 1948. Class 37.

Lafond Chocolatier, New York, N. Y. Candy. 438,212, April 13; Serial No. 509,352, published Jan. 20, 1948. Class 46.

Laker Hairspring Service: *See*—
Keresztes, Ladislav.

Lambert Research Laboratories: *See*—
Lambert, William H.

Lambert, William H., doing business as Lambert Research Laboratories, Mineola, Mo. Canned prepared food product. 438,314, Apr. 13; Serial No. 524,065, published Jan. 20, 1948. Class 46.

Lamco Products Co., to Welmaid Products, Chicago, Ill. Ironingboard pads and covers. 230,521, renewed July 26, 1947. O. G. Apr. 13. Class 24.

Landrum, Samuel L., doing business as The Taylor Chemical Company, Taylor, Tex. Insecticides. 500,104, Apr. 13; Serial No. 517,732. Class 6.

Lanobronz Laboratories: *See*—
Mabel, Max M.

Laucks, I. F., Inc., Seattle, Wash., by Monsanto Chemical Company, St. Louis, Mo. Glue. 413,037, Apr. 3, 1945. Republished Apr. 13. Class 5.

Launder Moth, Inc., Hyde Park, N. Y. Mothproofing composition. 438,295, Apr. 13; Serial No. 520,952, published Jan. 27, 1948. Class 6.

Leisy, C. J. & Associates, North Hollywood, Calif. Shoe cleaning unit. 438,243, Apr. 13; Serial No. 514,364, published Jan. 20, 1948. Class 29.

Lewis-Hubbard Corporation, Charleston, W. Va. Lye, baking soda, etc. 438,202, Apr. 13; Serial No. 506,948, published Aug. 12, 1947. Class 6.

Libbey-Owens-Ford Glass Company, Toledo, Ohio. Metal seals. 438,147, Apr. 13; Serial No. 468,961, published Dec. 16, 1947. Class 12.

Liberty Films, Inc., Los Angeles, Calif. Motion picture photoplays. 438,258, Apr. 13; Serial No. 516,622, published Jan. 20, 1948. Class 26.

Lilley Speciality Company, Ferndale, Mich. Auxiliary seats, side cars, skirts, etc. 438,232, Apr. 13; Serial No. 512,594, published Dec. 23, 1947. Class 19.

Lily Mill & Power Co., to Lily Mills Company, Shelby, N. C. Threads and yarn. 237,163, renewed Jan. 3, 1948. O. G. Apr. 13. Class 43.

Lily Mills Company: *See*—
Lily Mill & Power Co.

Lincoln Engineering Company, St. Louis, Mo. Utility hand cart. 385,817, Mar. 18, 1941. Republished Apr. 13. Class 19.

Lincoln Engineering Company, St. Louis, Mo. Lubricant fittings. 402,980, Aug. 24, 1943. Republished Apr. 13. Class 23.

Lincoln Engineering Company, St. Louis, Mo. Portable and stationary lubricating apparatus. 427,552, Feb. 11, 1947. Republished Apr. 13. Class 23.

Lincoln Laboratories, Incorporated, Decatur, Ill. Penicillin vehicle containing sesame oil, etc. 438,224, Apr. 13; Serial No. 511,341, published Jan. 20, 1948. Class 6.

Linde Air Products Company, The, New York, N. Y. Abrasive powders for lapping, finishing and polishing, etc. 438,190, Apr. 13; Serial No. 501,747, published Jan. 13, 1948. Class 4.

Link Aviation Devices, Inc., Fenton, N. Y., now by change of name Link Aviation, Inc. Canoes. 438,189, Apr. 13; Serial No. 500,886, published Dec. 16, 1947. Class 19.

Link Aviation, Inc.: *See*—
Link Aviation Devices, Inc.

London House, Ltd., New York, by John Hudson Moore, Inc., New York, N. Y. Smoker's pipes. 372,727, Nov. 14, 1939. Republished Apr. 13. Class 8.

London, Midland & Scottish Imports, Ltd., New York, N. Y. Men's and women's suits, coats, and jackets. 416,317, Sept. 4, 1945. Republished Apr. 13. Class 39.

Lorillard, P., Company, New York, N. Y. Chewing tobacco. 438,344, Apr. 13; Serial No. 525,347, published Jan. 20, 1948. Class 17.

Lorillard, P., Company, New York, N. Y. Chewing tobacco. 438,345–6, Apr. 13; Serial Nos. 425,349–50; published Jan. 20, 1948.

Lorillard, P., Company, New York, N. Y. Cigars. 438,347, Apr. 13; Serial No. 525,354, published Jan. 20, 1948. Class 17.

Lorillard, P., Company, New York, N. Y. Cigarettes. 438,348, Apr. 13; Serial No. 525,356, published Jan. 20, 1948. Class 17.

Lowe, Joe, Co. Inc., Brooklyn, N. Y., to The Borden Company, New York, N. Y. Milk and chocolate beverage. 239,921, renewed Mar. 13, 1948. O. G. Apr. 13. Class 46.

Lowenthal-Gardiner, New York, N. Y. Women's wearing apparel. 438,231, Apr. 13; Serial No. 512,514, published Dec. 23, 1947. Class 39.

Mabel, Max M., doing business as Lanobronz Laboratories, Miami Beach, Fla. Suntan lotions and suntan creams. 438,292, Apr. 13; Serial No. 520,635, published Nov. 11, 1947. Class 6.

Madsen Iron Works, Huntington Park, Calif. Self-aligning pump valves and parts thereof. 424,430, Oct. 8, 1946. Republished Apr. 13. Class 13.

Maico Company, Incorporated, The, Minneapolis, Minn. Hearing aids. 423,993, Sept. 17, 1946. Republished Apr. 13. Class 44.

Maico Company, Incorporated, The, Minneapolis, Minn. Hearing aids. 424,028, Sept. 17, 1946. Republished Apr. 13. Class 44.

Mallinckrodt Chemical Works, St. Louis, Mo. Dye preparation. 361,932, Nov. 8, 1938. Republished Apr. 13. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Stabilized assimilable iodide. 500,055, Apr. 13; Serial No. 526,866, published Jan. 20, 1948. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Hydrogen peroxide. 500,056, Apr. 13; Serial No. 526,907, published Jan. 20, 1948. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Mercurial salt. 500,057, Apr. 13; Serial No. 526,956, published Jan. 20, 1948. Class 6.

Manchester Knitted Fashions, Inc., Manchester, N. H. Infants' knitted creepers and knitted suits. 421,698, June 11, 1946. Republished Apr. 13. Class 39.

Marshall Field & Company, Chicago, Ill. Pastry canvas. 394,789, Apr. 28, 1942. Republished Apr. 13. Class 42.

Marshall Field & Company, Chicago, Ill. Sheets and sheeting in the piece, pillow cases, and tubing, etc. 395,421, May 26, 1942. Republished Apr. 13. Class 42.

Marshall Field & Company, Chicago, Ill. Women's and misses' outer coats and capes and suits, etc. 395,751, June 9, 1942. Republished Apr. 13. Class 39.

Mason, R. G., Macomb, Ill. Live stock and poultry feed, supplements and concentrates. 438,317, Apr. 13; Serial No. 524,339, published Jan. 27, 1948. Class 46.

Master Lock Company, Milwaukee, Wis. Padlocks. 416,623, Sept. 25, 1945. Republished Apr. 13. Class 25.

McCullough, J. Chas., Seed Company, The, Cincinnati, Ohio. Lawn seed. 438,244, Apr. 13; Serial No. 514,369, published Jan. 20, 1948. Class 1.

Meincke, Howard D., Chicago, Ill. Chemically treated starch. 500,082, Apr. 13; Serial No. 529,185, published Jan. 20, 1948. Class 6.

Mengel Company, The, Louisville, Ky. Wood veneer; plywood, hollow flush doors and hollow flush panels. 438,315, Apr. 13; Serial No. 524,072, published Jan. 13, 1948. Class 12.

Meyer Jewelry Company, Kansas City, Mo. Finger rings, compacts. 438,245, Apr. 13; Serial No. 514,372, published Sept. 30, 1947. Class 28.

Meyers, Louis, & Son, Inc., New York, N. Y. Leathers. 438,327, Apr. 13; Serial No. 524,712, published Jan. 20, 1948. Class 1.

Microbore Company, Ferndale, Mich. Metal cutting tools. 438,247, Apr. 13; Serial No. 515,123, published Jan. 13, 1948. Class 23.

Mido Products, Torrance, Calif. Chemical cleaning compounds. 438,281, Apr. 13; Serial No. 519,481, published Jan. 20, 1948. Class 4.

Mido Products, Torrance, Calif. Compositions containing phosphoric acid. 438,282, Apr. 13; Serial No. 519,482, published Jan. 27, 1948. Class 6.

Miles, Dr., Medical Company, to Miles Laboratories, Inc., Elkhart, Ind. Medicinal preparation. 239,156, renewed Feb. 21, 1948. O. G. Apr. 13. Class 6.

Miles Laboratories, Inc.: *See*—
Miles, Dr., Medical Company.

Miller, E. S., Laboratories, Inc., Los Angeles, Calif. Pituitary preparation. 417,448, Oct. 30, 1945. Republished Apr. 13. Class 6.

Miller, E. S., Laboratories, Inc., Los Angeles, Calif. Diethylstilbestrol. 500,066, Apr. 13; Serial No. 527,502, published Jan. 20, 1948. Class 6.

Miller, E. S., Laboratories, Inc., Los Angeles, Calif. Di-Desoxyephedrine. 500,068, Apr. 13; Serial No. 527,578, published Jan. 20, 1948. Class 6.

Miller, E. S., Laboratories, Inc., Los Angeles, Calif. Calcium levulinate. 500,072, Apr. 13; Serial No. 527,987, published Jan. 20, 1948. Class 6.

Minneapolis Brewing Company, Minneapolis, Minn. Beer. 381,508, Sept. 24, 1940. Republished Apr. 13. Class 48.

Minneapolis Brewing Company, Minneapolis, Minn. Beer. 382,026, Oct. 15, 1940. Republished Apr. 13. Class 48.

Minneapolis Brewing Company, Minneapolis, Minn. Ale. 415,763, Aug. 14, 1945. Republished Apr. 13. Class 48.

Minneapolis Brewing Company, Minneapolis, Minn. Beer. 415,764, Aug. 14, 1945. Republished Apr. 13. Class 48.

Miracle Adhesives Corporation, Newark, N. J. Adhesives. 429,906, May 20, 1947. Republished Apr. 13. Class 5.

Mohawk Rubber Company, The, Akron, Ohio. Mold gum for use in making vulcanized tire and tube repairs. 438,300, Apr. 13; Serial No. 521,074, published Jan. 13, 1948. Class 35.

Monsanto Chemical Company: *See*—
Laucks, I. F., Inc.

Monsanto Chemical Company, St. Louis, Mo. Artificial resins. 382,507, Oct. 29, 1940. Republished Apr. 13. Class 1.

Monsanto Chemical Company, St. Louis, Mo. Plastic interliner. 382,673, Nov. 5, 1940. Republished Apr. 13. Class 1.

Monsanto Chemical Company, St. Louis, Mo. Chemical adjuvants for lacquers. 398,075, Oct. 6, 1942. Republished Apr. 13. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Synthetic resins in solution form. 414,768, June 26, 1945. Republished Apr. 13. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Colloidal or true solutions of chemical substances. 414,769, June 26, 1945. Republished Apr. 13. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Chemical adjuvants used in rubber particularly. 415,693, Aug. 14, 1945. Republished Apr. 13. Class 6.

Monsanto Chemical Company, St. Louis, Mo. Synthetic resin coating compositions. 419,164, Feb. 5, 1946. Republished Apr. 13. Class 16.

Monsanto Chemical Company, St. Louis, Mo. Synthetic solid detergents. 421,818, June 18, 1946. Republished Apr. 13. Class 4.

Monsanto Chemical Company, St. Louis, Mo. Chemical products. 430,377, June 10, 1947. Republished Apr. 13. Class 6.

Moore, John Hudson, Inc.: *See*—
London House, Ltd.

Moore, John Hudson, Inc., New York, N. Y. Hand soap and shaving soap. 392,112, Dec. 9, 1941. Republished Apr. 13. Class 4.

Moran, R. J., Co., Boston, Mass. Diuretic medicine in capsule form. 438,313, Apr. 13; Serial No. 523,977, published Jan. 13, 1948. Class 6.

Moreland, William, doing business as Defiance All-Weather Paint Co., Newark, N. J., to William Moreland, Bloomfield, N. J. Roof paints. 238,067, renewed Jan. 24, 1948. O. G. Apr. 13. Class 16.

Myers, E., Lye Corporation, St. Louis, Mo. Lye. 500,095–6, Apr. 13; Serial No. 529,917–18, published Jan. 20, 1948.

National Cranberry Association: *See*—
Cranberry Canners, Inc.

National Die Casting Company, Chicago, Ill. Fruit juice extractors. 399,844, Dec. 29, 1942. Republished Apr. 13. Class 23.

National Gypsum Company, Buffalo, N. Y. Hydrated finish lime for use in plasters. 438,204, Apr. 13; Serial No. 507,066, published Jan. 6, 1948. Class 12.

National Plastic Products Company, The, Odenton, Md. Plastic faced and plastic edged doors for use in building construction. 438,238, Apr. 13; Serial No. 513,190, published Dec. 23, 1947. Class 12.

National Sawdust Co., Inc., Brooklyn, N. Y. Granular mineral material product for absorbing oils, grease, and water. 438,351, Apr. 13; Serial No. 525,494, published Jan. 20, 1948. Class 4.

National Tile Company, The, to National Tile & Manufacturing Co., Anderson, Ind. Tiles. 236,144, renewed Dec. 6, 1947. O. G. Apr. 13. Class 12.

National Tile & Manufacturing Co.: *See*—
National Tile Company, The.

National Tile & Marble Corp., New York, N. Y. Pastelike readily setting floor composition. 438,291, Apr. 13; Serial No. 520,464, published Dec. 30, 1947. Class 12.

Neil Products, Inc.: *See*—
Neil's Flavor Laboratory.

Neil's Flavor Laboratory, by Neil Products; Inc., Los Angeles, Calif. Flavor bases. 415,006, July 10, 1945. Republished Apr. 13, 1948. Class 45.

Neoco Corporation, Los Angeles, Calif. Calcium carbonate and magnesium trisilicate preparation. 438,296, Apr. 13; Serial No. 521,397, published Jan. 27, 1948. Class 6.

New Orleans Import Co., Limited, New Orleans, La. Tea. 438,356, Apr. 13; Serial No. 525,930, published Jan. 20, 1948. Class 46.

Niles-Bement-Pond Company, West Hartford, Conn. Periodically published illustrated magazine. 382,815, Nov. 12, 1940. Republished Apr. 13. Class 38.

North Products Corp., Chicago, Ill. Hand cleaner preparation. 438,272, Apr. 13; Serial No. 518,479, published Jan. 13, 1948. Class 4.

Northrop Hendy Co., Hawthorne, Calif. Gas turbines, axial flow compressors, accessories, etc. 438,180, Apr. 13; Serial No. 499,344, published Jan. 13, 1948. Class 23.

Northrup, King & Co., Minneapolis, Minn. Field and garden seeds and farm and grass seeds. 395,626, June 2, 1942. Republished Apr. 13, 1948. Class 1.

Oakes & Company, assignor to Oakes & Company, Chicago, Ill. Transparent acetate cellulose sheets. 438,367–8, Apr. 13; Serial Nos. 506,683–4. Class 50.

Oliver, E. L.: *See*—
Oliver, Emilia L.

Oliver, Emilia L., doing business as E. L. Oliver, Nogales, Ariz. Fresh vegetables. 438,309, Apr. 13; Serial No. 523,797, published Jan. 20, 1948. Class 46.

Ouellette, Edward C., Houston, Tex. Granular clay preparation for absorbing grease and oil on floors. 438,228, Apr. 13; Serial No. 511,182, published Jan. 13, 1948. Class 4.

Pacific Airmotive Corporation: *See*—
Airplane Manufacturing & Supply Corporation.

Paragon-Bellwood Distributors: *See*—
Schumacher, Everett A.

Parfumerie Caron: *See*—
Daltroff, E., & Cie.

Parfums Chinon, Société à Responsabilité Limitée, Montrouge, France. Perfume, toilet waters, rouge, etc. 438,264, Apr. 13; Serial No. 517,513, published Jan. 13, 1948. Class 6.

Parker Appliance Company, The, Cleveland, Ohio. Thread and gasket sealing compound. 438,259, Apr. 13; Serial No. 516,864, published Nov. 25, 1947. Class 12.

Parker Pen Company, The, Janesville, Wis. Water soluble organic solvent. 421,733, June 18, 1946. Republished Apr. 13. Class 11.

Parker Pen Company, The, Janesville, Wis. Fountain pens, mechanical pencils, and desk sets. 421,973, June 25, 1946. Republished Apr. 13. Class 37.

Parker Pen Company, The, Janesville, Wis. Writing ink. 425,730, Dec. 3, 1946. Republished Apr. 13. Class 11.

Parker Pen Company, The, Janesville, Wis. Fountain pens, mechanical pencils, and desk sets. 427,076, Jan. 28, 1947. Republished Apr. 13. Class 37.

Pasadena Research Laboratories, Inc., Pasadena, Calif. Vitamin B-complex products in capsule, etc., form. 500,058, Apr. 13; Serial No. 527,047, published Jan. 27, 1948. Class 6.

Paterson Parchment Paper Company, The: *See*—
Paterson Parchment Paper Co., The.

Paterson Parchment Paper Co., The, Passaic, N. J., to The Paterson Parchment Paper Company, Bristol, Pa. Waxed paper. 237,093, renewed Jan. 3, 1948. O. G. Apr. 13. Class 37.

Peacock, C. D., Inc., Chicago, Ill. Clocks, striking clocks, men's and ladies' watches. 438,353, Apr. 13; Serial No. 525,669, published Dec. 23, 1947. Class 27.

Pearlduck, Inc., New York, N. Y. Razors, scissors, shears, and knives. 438,271, Apr. 13; Serial No. 518,364, published Jan. 13, 1948. Class 23.

Peerless Wolfson Company, Chicago, Ill. Handkerchiefs. 413,269, Apr. 17, 1945. Republished Apr. 13. Class 39.

Penn Tool Co., Inc., Philadelphia, Pa. Hand tools. 438,200, Apr. 13; Serial No. 504,999, published Jan. 13, 1948. Class 23.

Peppard, J. L., Kansas City, Mo. Field corn seed and sweet corn seed. 438,334–5, Apr. 13; Serial Nos. 525,099–100, published Jan. 20, 1948. Class 1.

Perfect Circle Company, The, Hagerstown, Ind., now by change of name Perfect Circle Corporation. Anti-freeze solution. 438,176, Apr. 13; Serial No. 498,450, published Jan. 20, 1948. Class 6.

Perfect Circle Corporation: *See*—
Perfect Circle Company.

Perrigo, L., Company, doing business as Supreme Pharmacal Company, Allegan, Mich. Tooth powder in tablet form. 438,251, Apr. 13; Serial No. 515,903, published Jan. 27, 1948. Class 6.

Personality Beauty Products Limited Leicestershire, England. Soaps. 438,174, Apr. 13; Serial No. 495,817, published Dec. 31, 1946. Class 4.

Peterson Filters and Engineering Co., Salt Lake City, Utah. Scrapers. 438,361, Apr. 13; Serial No. 461,418. Class 23.

Phoenix Hosiery Company, Milwaukee, Wis. Hosiery. 419,618, Feb. 26, 1946. Republished Apr. 13. Class 39.

Phoenix Hosiery Company, Milwaukee, Wis. Hosiery. 429,773, May 20, 1947. Republished Apr. 13. Class 39.

Pillsbury Flour Mills Company, by Pillsbury Mills, Inc., Minneapolis, Minn. Flour. 382,933–4, Nov. 19, 1940. Republished Apr. 13. Class 46.

Pillsbury Flour Mills Company, now by merger Pillsbury Mills, Inc., by Pillsbury Mills Inc., Minneapolis, Minn. Feeds. 414,410, June 12, 1945. Republished Apr. 13. Class 46.

Pillsbury Mills, Inc.: *See*—
Pillsbury Flour Mills Company.

Pinaud, Ed., Inc.: *See*—
Pinaud Incorporated.

Pinaud Incorporated, to Ed. Pinaud, Inc., New York, N. Y. Perfumed powders, perfumed washes and water, etc. 239,302, renewed Feb. 28, 1948. O. G. Apr. 13. Class 6.

Pioneer Suspender Company, Philadelphia, Pa. Wallets and billfolds. 410,607, Dec. 5, 1944. Republished Apr. 13. Class 3.

Pioneer Suspender Company, Philadelphia, Pa. Travel cases. 427,573, Feb. 11, 1947. Republished Apr. 13. Class 3.

Pioneer Suspender Company, Philadelphia, Pa. Wrist watch straps, and buckles. 429,032, Apr. 15, 1947. Republished Apr. 13. Class 40.

Pioneer Suspender Company, Philadelphia, Pa. Braces and suspenders. 429,868, May 20, 1947. Republished Apr. 13. Class 39.

Pioneer Suspender Company, Philadelphia, Pa. Gloves. 430,630, June 17, 1947. Republished Apr. 13. Class 39.

Plato-Cast Products: *See*—
Zweig, Henry.

Plee-Zing Inc., Chicago, Ill. Ant killer preparation, insect killer preparation, hand cream, etc. 438,222, Apr. 13; Serial No. 510,721, published Jan. 20, 1948. Class 6.

Potash Company of America, New York, N. Y. Muriate of potash. 415,392, Aug. 7, 1945. Republished Apr. 13. Class 10.

Powdrell & Alexander, Inc., Danielson, Conn. Curtain fabrics and curtains. 438,289, Apr. 13; Serial No. 520,178, published Nov. 11, 1947. Class 42.

Powell, John, & Co., Inc., New York, N. Y. Insecticides, fungicides, germicides, etc. 438,304, Apr. 13; Serial No. 523,022, published Jan. 27, 1948. Class 6.

Power-Plus Battery Company, St. Louis, Mo. Electric storage batteries. 243,032, June 12, 1928. Republished Apr. 13. Class 21.

Prairie Wax Co.: *See*—
Hough, William J., Co., The.

Preservative Products Company, New York, N. Y. Chemically altered linseed oil and resinous dryers. 438,203, Apr. 13; Serial No. 507,023, published Jan. 13, 1948. Class 6.

Preservative Products Company, New York, N. Y. Liquid compositions for treating cement surfaces, etc. 438,249, Apr. 13; Serial No. 515,275, published Jan. 13, 1948. Class 12.

Pressitite Engineering Company, The, St. Louis, Mo. Dry, powdered asphalt compounded. 500,059, Apr. 13; Serial No. 527,132, published Jan. 13, 1948. Class 12.

Presstite Engineering Company, The, St. Louis, Mo. Asphalt compounded. 500,061, Apr. 13; Serial No. 527,168, published Jan. 13, 1948. Class 12.

Pressurelube, Inc., New York, N. Y. Portable grease guns. 375,746, Feb. 27, 1940. Republished Apr. 13. Class 23.

Priess, John L., by Grand Products Company, Chicago, Ill. Dry perfume. 412,008, Feb. 13, 1945. Republished Apr. 13. Class 6.

Priess, John L., by Grand Products Company, Chicago, Ill. Perfume, cologne, toilet water, etc. 416,321, Sept. 4, 1945. Republished Apr. 13. Class 6.

Priess, John L., by Grand Products Company, Chicago, Ill. Perfume, cologne, toilet water, etc. 417,465, Oct. 30, 1945. Republished Apr. 13. Class 6.

Procter & Gamble Company, The: *See*—
Wright & Lawrence, Inc.

Procter & Gamble Company, The, Cincinnati, Ohio. Soap flakes and granules. 382,688, Nov. 5, 1940. Republished Apr. 13. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Frothing and collecting reagent comprising alkali metal linoleate and oleate. 398,170, Oct. 13, 1942. Republished Apr. 13. Class 6.

Procter & Gamble Company, The, Cincinnati, Ohio. Saponaceous toothpaste. 414,148, May 29, 1945. Republished Apr. 13. Class 6.

Procter & Gamble Company, The, Cincinnati, Ohio. Shampoo. 417,434, Oct. 30, 1945. Republished Apr. 13. Class 6.

Procter & Gamble Company, The, Cincinnati, Ohio. Soap. 421,370, May 28, 1946. Republished Apr. 13. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Cosmetic cream. 421,604, June 4, 1946. Republished Apr. 13. Class 6.

Procter & Gamble Company, The, Cincinnati, Ohio. Lotion cream. 421,941, June 25, 1946. Republished Apr. 13. Class 6.

Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser, and detergent. 422,361, July 16, 1946. Republished Apr. 13. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser, and detergent. 423,995–7, Sept. 17, 1946. Republished Apr. 13. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing, soap-like detergents. 424,339, Oct. 1, 1946. Republished Apr. 13. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser, and detergent. 427,126, Jan. 28, 1947. Republished Apr. 13. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser, and detergent. 438,318, Apr. 13; Serial No. 524,417, published Jan. 6, 1948. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser, and detergent. 438,320, Apr. 13; Serial No. 524,477, published Jan. 13, 1948. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser, and detergent. 438,321, Apr. 13; Serial No. 524,480, published Jan. 6, 1948. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser, and detergent. 438,322, Apr. 13; Serial No. 524,562, published Jan. 6, 1948. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser, and detergent. 438,323–4, Apr. 13; Serial Nos. 524,621–2, published Jan. 13, 1948. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser, and detergent. 438,330, Apr. 13; Serial No. 524,814, published Jan. 6, 1948. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser and detergent. 438,342, Apr. 13; Serial No. 525,245, published Jan. 6, 1948. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser and detergent. 438,357, Apr. 13; Serial No. 525,947, published Jan. 6, 1948. Class 4.

Protection Products Co., Chicago, Ill. Automobile seat covers and cushions. 438,206, Apr. 13; Serial No. 507,418, published Dec. 16, 1947. Class 19.

Pure Oil Company, The, Chicago, Ill. Lubricating oil. 384,121, Jan. 7, 1941. Republished Apr. 13. Class 15.

Pure Oil Company, The, Chicago, Ill. Motor fuel oils. 384,417, Jan. 21, 1941. Republished Apr. 13. Class 15.

Pure Oil Company, The, Chicago, Ill. Hydrocarbon polymers. 397,571, Sept. 8, 1942. Republished Apr. 13. Class 6.

Pure Oil Company, The, Chicago, Ill. Filing card system. 397,697, Sept. 15, 1942. Republished Apr. 13. Class 37.
Pure Oil Company, The, Chicago, Ill. Lubricating oil. 403,920, Oct. 26, 1943. Republished Apr. 13. Class 15.
Pure Oil Company, The, Chicago, Ill. Lubricating oil. 404,973, Jan. 4, 1944. Republished Apr. 13. Class 15.
Pure Oil Company, The, Chicago, Ill. Lubricating oils. 425,399, Nov. 19, 1946. Republished Apr. 13. Class 15.
Quaker Oats Company, The: *See*—
Chappel Bros., Inc.
Quaker Oats Company, The, Jersey City, N. J., Chicago, Ill., Cedar Rapids, Iowa, and Akron, Ohio, to The Quaker Oats Company, Chicago, Ill. Stock foods. 67,441–3, re-renewed Feb. 4, 1948. O. G. Apr. 13. Class 46.
Quaker Oats Company, The, Jersey City, N. J., and Chicago, Ill., to The Quaker Oats Company, Chicago, Ill. Flour. 67,483, re-renewed Feb. 4, 1948. O. G. Apr. 13. Class 46.
Quaker Oats Company, The, Jersey City, N. J., and Chicago, to The Quaker Oats Company, Chicago, Ill. Flours. 67,484–5, re-renewed Feb. 4, 1948. O. G. Apr. 13. Class 46.
Quaker Oats Company, The, Chicago, Ill. Pearled barley. 240,242, renewed Mar. 20, 1948. O. G. Apr. 13. Class 46.
Radio Corporation of America, New York, N. Y. Set screw wrenches. 438,358, Apr. 13; Serial No. 525,950, published Jan. 13, 1948. Class 23.
Rapids-Standard Company, Inc., The, Grand Rapids, Mich. Molded plastic wheels to be used on hand trucks, dollies, cranes, etc. 438,215, Apr. 13; Serial No. 509,876, published Jan. 13, 1948. Class 23.
Reed, E. P., & Co., Rochester, N. Y. Shoes. 327,820, Sept. 3, 1935. Republished Apr. 13. Class 39.
Regal Shoe Company, Whitman, Mass. Calfskins. 237,591, renewed Jan. 10, 1948. O. G. Apr. 13. Class 1.
Regal Shoe Company, Whitman, Mass. Hosiery. 424,304, Oct. 1, 1946. Republished Apr. 13. Class 39.
Reynolds, Albert A., Chicago, Ill. Automobile sun shields. 438,228, Apr. 13; Serial No. 512,344, published Dec. 23, 1947. Class 19.
Rice-Stix Dry Goods Company, St. Louis, Mo. Dresses. 241,228, renewed Apr. 17, 1948. O. G. Apr. 13. Class 39.
Ridgefield Chemical Products Co. Inc., Ridgefield, N. J. Chemical preparations. 438,235, Apr. 13; Serial No. 512,990, published Jan. 20, 1948. Class 6.
Rival Packing Company, Chicago, Ill. Dog and cat food. 429,151, Apr. 22, 1947. Republished Apr. 13. Class 46.
Robbins & Myers, Inc., Springfield, Ohio. Rotary pumps and compressors. 427,446, Feb. 11, 1947. Republished Apr. 13. Class 23.
Roberts Enterprises, Staten Island, N. Y. Insulating material adapted for construction purposes. 438,312, Apr. 13; Serial No. 523,922, published Dec. 16, 1947. Class 12.
Rogers Peet Company, New York, N. Y. Pajamas. 121,004, Mar. 19, 1918. Republished Apr. 13. Class 39.
Rogers Peet Company, New York, N. Y. Pajamas. 121,007, Mar. 19, 1918. Republished Apr. 13. Class 39.
Rogers Peet Company, New York, N. Y. Hosiery for men and boys. 125,513, May 20, 1919. Republished Apr. 13. Class 39.
Rogers Peet Company, New York, N. Y. Leather shoes. 126,893, Oct. 7, 1919. Republished Apr. 13. Class 39.
Rogers Peet Company, New York, N. Y. Men's hats and caps. 137,387, Nov. 23, 1920. Republished Apr. 13. Class 39.
Rogers Peet Company, New York, N. Y. Men's leather shoes. 142,316, May 10, 1921. Republished Apr. 13. Class 39.
Rogers Peet Company, New York, N. Y. Mackintoshes and raincoats. 189,286, Sept. 16, 1924. Republished Apr. 13. Class 39.
Rogers Peet Company, New York, N. Y. Men's and boys' suits, overcoats, outer shirts, etc. 393,092, Jan. 27, 1942. Republished Apr. 13. Class 39.
Rohm & Haas Company, Philadelphia, Pa. Chemical mixture for use as a component of fungicidal sprays and dusts. 500,093, Apr. 13; Serial No. 529,825, published Jan. 20, 1948. Class 6.
Rohm & Haas Company, Philadelphia, Pa. Chemical mixture for use as a component of fungicidal sprays and dusts. 500,094, Apr. 13; Serial No. 529,826, published Jan. 27, 1948. Class 6.
Roper, Geo D., Corporation, Rockford, Ill. Gas stoves and ranges. 438,191, Apr. 13; Serial No. 502,155, published Dec. 23, 1947. Class 34.
Rosenberg Bros. & Co., by Fashion Park Inc., Rochester, N. Y. Men's coats, vests, pants, and overcoats. 130,506, Apr. 27, 1920. Republished Apr. 13. Class 39.
Rosenberg Bros. & Co., by Fashion Park, Inc., Rochester, N. Y. Men's coats, vests, pants, and overcoats. 131,223, May 4, 1920. Republished Apr. 13. Class 39.
Rosenberg Bros. & Co., by Fashion Park, Inc., Rochester, N. Y. Men's coats, vests, pants, and overcoats. 131,225–6, May 4, 1920. Republished Apr. 13. Class 39.
Rosenberg Bros. & Co., by Fashion Park, Inc., Rochester, N. Y. Men's coats, vests, and suits. 135,525, Oct. 12, 1920. Republished Apr. 13. Class 39.
Rosenberg Bros. & Co., by Fashion Park, Inc., Rochester, N. Y. Men's coats, vests, pants, and overcoats. 135,526, Oct. 12, 1920. Republished Apr. 13. Class 39.
Rosenberg Bros. & Co., by Fashion Park, Inc., Rochester, N. Y. Men's ulsters and overcoats. 155,809, June 6, 1922. Republished Apr. 13. Class 39.
Rosenberg Bros. & Co., by Fashion Park, Inc., Rochester, N. Y. Men's coats, vests, pants, etc. 194,476, Jan. 27, 1925. Republished Apr. 13. Class 39.
Rosenberg Bros. & Co., by Fashion Park, Inc., Rochester, N. Y. Men's coats, vests, pants, etc. 218,194, Sept. 21, 1926. Republished Apr. 13. Class 39.
S-A-M Laboratories, Inc., Norfolk, Va. Cold tablets. 438,308, Apr. 13; Serial No. 523,708, published Aug. 26, 1947. Class 6.
St. Louis Laboratories, Richmond Heights, by Zoffmann Laboratory, Inc., St. Louis, Mo. Composition to be added to milk and milk products. 419,389, Feb. 12, 1946. Republished Apr. 13. Class 46.
Ste. De La Distillerie Du Supreme Fecamp, to Societe Anonyme De La Benedictine, Distillerie De La Liqueur De L' Ancienne Abbaye De Fecamp, Fecamp, France. Liqueurs or cordials. 67,104, re-renewed Jan. 14, 1948. O. G. Feb. 13. Class 49.
Sanit-All Products Corporation, Greenwich, Ohio. Bottle brushes. 438,265, Apr. 13; Serial No. 517,870, published Jan. 20, 1948. Class 29.
Sanit-All Products Corporation, Greenwich, Ohio. Graduates and measuring cups. 438,268, Apr. 13; Serial No. 518,046, published Jan. 20, 1948. Class 26.
Scher & Feldman, Inc., New York, N. Y. Children's coats. 438,293, Apr. 13; Serial No. 520,833, published Dec. 30, 1947. Class 39.
Schering Corporation, Bloomfield, N. J. Medicinal preparation. 500,075, Apr. 13; Serial No. 528,647, published Jan. 20, 1948. Class 6.
Schneider, Ethel D., New York, N. Y. Lipsticks, face powder, rouges, etc. 438,159, Apr. 13; Serial No. 487,527, published Jan. 20, 1948. Class 6.
Scholastic Corporation, New York, N. Y. Periodical. 500,103, Apr. 13; Serial No. 509,881. Class 38.
Schroth, J. & F., Packing Company, The, Cincinnati, Ohio. Sausages and imitation sausages chili con carne, etc. 236,173, renewed Dec. 6, 1947. O. G. Apr. 13. Class 46.
Schumacher, Everett A., doing business as Paragon-Bellwood Distributors, Baltimore, Md. House or coach trailers. 438,187, Apr. 13; Serial No. 500,493, published Dec. 16, 1947. Class 19.
Schurman, Clyde, doing business as Schurman Machine Works, Woodland, Wash. Machines mounted on a frame for sawing logs, etc. 438,273, Apr. 13; Serial No. 518,485, published Jan. 13, 1948. Class 23.
Schurman Machine Works: *See*—
Schurman, Clyde.
Schweitzer, Peter J., Inc., New York, N. Y. Writing paper. 418,782, Jan. 8, 1946. Republished Apr. 13. Class 37.
Schweitzer, Peter J., Inc., New York, N. Y. Writing paper. 419,935, Mar. 12, 1946. Republished Apr. 13. Class 37.
Schweitzer, Peter J., Inc., New York, N. Y. Writing paper. 422,087, July 2, 1946. Republished Apr. 13. Class 37.
Scurlock, James, Co., Los Angeles, Calif. Light-weight construction panel. 438,209, Apr. 13; Serial No. 508,071, published Jan. 13, 1948. Class 12.
Sengbusch Self-Closing Ink Stand Company, Milwaukee, Wis. Inkstands and inkwells. 382,833, Nov. 12, 1940. Republished Apr. 13. Class 37.
Sharp & Dohme, Incorporated, Philadelphia, Pa. Preparation for treatment of affections of the nervous systems, etc. 438,241, Apr. 13; Serial No. 514,067, published Sept. 2, 1947. Class 6.
Sherwin-Williams Company, The, Cleveland, Ohio. Mixed paints, pigments used for paints, stains, etc. 67,166, re-renewed Jan. 21, 1948. O. G. Apr. 13. Class 16.
Sherwin-Williams Company, The, Cleveland, Ohio. Insecticides and fungicides. 240,802, renewed Apr. 10, 1948. O. G. Apr. 13. Class 6.
Shirtcraft Company, Inc., The, New York, N. Y. Boys' and men's clothing. 239,603–4, renewed Mar. 6, 1948. O. G. Apr. 13. Class 39.
Shoe Form Co. Inc., Auburn, N. Y. Shoe forms. 233,052, renewed Sept. 20, 1947. O. G. Apr. 13. Class 50.
Simmons, K. J., & Company, Philadelphia, Pa. Chemical liquid welder for radiators, motors, etc. 438,290, Apr. 13; Serial No. 520,306, published Jan. 27, 1948. Class 6.
Skyline Turkey Hatchery, Worthington, Minn. Live turkey poults. 438,166, Apr. 13; Serial No. 492,525, published Jan. 13, 1948. Class 46.
Small Motors, Inc., Chicago, Ill. Electrically operated motors. 412,044, Feb. 13, 1945. Republished Apr. 13. Class 21.
Smith, A. O., Corporation, Milwaukee, Wis. Electric and gas water heaters. 394,992–3, May 5, 1942. Republished Apr. 13. Class 34.
Smith, Kline & French Laboratories, Philadelphia, Pa. Vasoconstrictor. 438,148, Apr. 13; Serial No. 473,230, published May 9, 1945. Class 6.
Smith, Kline & French Laboratories, Philadelphia, Pa. Inhalers. 438,149, Apr. 13; Serial No. 473,231, published Apr. 24, 1945. Class 44.
Societe Anonyme De La Benedictine, Distillerie De La Liqueur De L'Ancienne Abbaye De Fecamp: *See*—
Ste. De La Distillerie Du Supreme Fecamp.
Southern Supply Co., Pasadena, Calif. Steam generators. 415,447, Aug. 7, 1945. Republished Apr. 13. Class 34.
Southern Supply Co., Pasadena, Calif. Cleaning guns. 424,461, Oct. 8, 1946. Republished Apr. 13. Class 23.

Spacarb, Inc., Dover, Del., and New York, N. Y. Manually operated soda fountains. 438,287, Apr. 13; Serial No. 520,064, published Jan. 13, 1948. Class 23.
Spatz, Ellie J., doing business as The Identiscope Company of America, Cleveland, Ohio. Cameras. 438,331, Apr. 13; Serial No. 524,831, published Jan. 20, 1948. Class 26.
Spaulding Bakeries, Inc., Binghamton, N. Y. Loaf bread. 438,365, Apr. 13; Serial No. 504,518. Class 46.
Spaulding-Moss Company, Boston, Mass. Blue prints. 354,366, Feb. 8, 1938. Republished Apr. 13. Class 38.
Standard Milling Company, New York, N. Y., assignor to Standard Milling Company, by Standard Milling Company, Chicago, Ill. Wheat flour. 425,605, Nov. 26, 1946. Republished Apr. 13, 1948. Class 46.
Stappas, Georgia, doing business as Eevra Co., East Providence, R. I. Medicinal preparation. 500,054, Apr. 13; Serial No. 526,654, published Jan. 27, 1948. Class 6.
Star-Peerless Wall Paper Mills, Chicago, Ill. Wall paper. 438,154, Apr. 13; Serial No. 483,093, published Jan. 20, 1948. Class 37.
Stayton Canning Co. Co-Operative, Stayton, Oreg. Canned vegetables and fruits, and frozen deciduous fruits. 438,239, Apr. 13; Serial No. 513,345, published Jan. 27, 1948. Class 46.
Stein-Bloch Co., The, by Fashion Park, Inc., Rochester, N. Y. Men's sack coats and men's overcoats. 217,425, Aug. 31, 1926. Republished Apr. 13. Class 39.
Sterling Drug Inc., Wilmington, Del. Detergent and polishing agent. 438,328, Apr. 13; Serial No. 524,749, published Jan. 6, 1948. Class 4.
Stevens, Chas. A., & Bros., to Chas. A. Stevens & Co., Chicago, Ill. Perfumes and toilet waters. 232,705, renewed Sept. 13, 1947. O. G. Apr. 13. Class 6.
Stevens, Chas. A., & Bros., to Chas. A. Stevens & Co., Chicago, Ill. Underwear, drawers, tights, etc. 237,181, renewed Jan. 3, 1948. O. G. Apr. 13. Class 39.
Stevens, Chas. A., & Co.: *See*—
Stevens, Chas. A., & Bros.
Stewart-Warner Corporation, Chicago, Ill. Lubricant feeder valves for centralized lubricating systems and parts thereof. 438,151, Apr. 13; Serial No. 478,725, published Jan. 13, 1948. Class 23.
Stolz Freres, S. A. Manufacture D'Horlogerie Angelus, Le Locle, Switzerland. Watches, chronometers with automatic calendar. 438,349, Apr. 13; Serial No. 525,418, published Jan. 27, 1948. Class 27.
Streit, Aron, Inc., New York, N. Y. Matzos. 438,283, Apr. 13; Serial No. 519,495, published Jan. 20, 1948. Class 46.
Style-Rite Optical Corporation, New York and Brooklyn, N. Y. Spectacle frames. 438,266, Apr. 13; Serial No. 517,944, published Jan. 20, 1948. Class 26.
Sugardale Provision Company, The, Canton, Ohio. Lard, luncheon meat, etc. 438,152, Apr. 13; Serial No. 480,722, published Jan. 20, 1948. Class 46.
Sunset Incorporated, Chicago, Ill. Alcoholic beverage bitters. 422,213, July 9, 1946. Republished Apr. 13. Class 49.
Superior Separator Company, Minneapolis, Minn. Tractor mounted loaders and stackers. 422,679, Aug. 6, 1946. Republished Apr. 13. Class 23.
Supreme Pharmacal Company: *See*—
Perrigo, L., Company.
Swadig, Ltd., San Francisco, Calif. Shampoo. 500,098, Apr. 13; Serial No. 531,051, published Jan. 27, 1948. Class 6.
Synthetic Nitrogen Products Corporation, New York, N. Y. Fertilizers. 377,194, Apr. 23, 1940. Republished Apr. 13. Class 10.
Synthetic Nitrogen Products Corporation, New York, N. Y. Fertilizer. 377,212, Apr. 23, 1940. Republished Apr. 13. Class 10.
Taylor Chemical Company, The: *See*—
Landrum, Samuel L.
Taylor, Thomas, & Sons, Inc., Hudson, Mass. Narrow elastic fabrics. 386,861, Apr. 22, 1941. Republished Apr. 13. Class 40.
Thomas, M. & W., Co.: *See*—
Thomas, M. & W., Corporation.
Thomas, M. & W., Co., New York, N. Y. Piece goods. 418,667, Jan. 8, 1946. Republished Apr. 13. Class 42.
Thomas, M. & W., Corporation, by M. & W. Thomas Co., New York, N. Y. Worsted and pure silk piece goods. 382,216, Oct. 22, 1940. Republished Apr. 13. Class 42.
Tiffany & Co., New York, N. Y. Paper, envelopes, visiting-cards, etc. 30,599, re-renewed Oct. 5, 1947. O. G. Apr. 13. Classes 2, 11, 37, and 50.
Timely Products Company, Columbus, Ohio. Template. 438,298, Apr. 13; Serial No. 521,486, published Jan. 20, 1948. Class 26.
Timme, E. F., & Son: *See*—
Timme, Otto, Estate of.
Timme, Otto, Estate of, deceased, doing business as E. F. Timme & Son, by E. F. Timme & Son, New York, N. Y. Rugs, carpets, and pile fabrics in the piece. 390,325, Sept. 16, 1941. Republished Apr. 13. Class 42.
Treesdale Laboratories, Inc., Pittsburgh, Pa. Liquid detergent and general cleansing compositions. 437,197, Apr. 13; Serial No. 504,223, published Jan. 13, 1948. Class 4.
Tubbs Cordage Company, San Francisco, Calif. Manila, sisal, and cotton rope, etc. 394,286, Mar. 31, 1942. Republished Apr. 13. Class 7.
Tubbs Cordage Company, San Francisco, Calif. Paper covered twine. 426,186, Dec. 17, 1946. Republished Apr. 13. Class 7.
United States News Publishing Corporation: *See*—
Bureau of National Affairs, Inc., The.
United States Plywood Corporation, New York, N. Y. Plywood or other laminated material. 438,359, Apr. 13; Serial No. 525,987, published Dec. 16, 1947. Class 12.
United States Rubber Company, New York, N. Y. Perfume bases. 500,053, Apr. 13; Serial No. 526,640, published Jan. 27, 1948. Class 6.
U. S. Sanitary Specialties Corporation, Chicago, Ill. Lather oil hand cleaner. 413,266, Apr. 17, 1945. Republished Apr. 13. Class 4.
U. S. Standard Products Company, Woodworth, Wis. Preparation in the form of a sirup. 368,050, June 6, 1939. Republished Apr. 13. Class 6.
Vanderbilt, R. T., Company, Inc., New York, N. Y. Wax emulsion for coating rubber products. 438,218, Apr. 13; Serial No. 510,218, published Jan. 13, 1948. Class 6.
Vanderbilt, R. T., Company, Inc., New York, N. Y. Clay carrier or diluent for insecticides and fungicides. 438,303, Apr. 13; Serial No. 522,982, published Jan. 13, 1948. Class 6.
Velsicol Corporation, Chicago, Ill. Insecticides and fungicides. 425,674–6, Nov. 26, 1946. Republished Apr. 13. Class 6.
Velsicol Corporation, Chicago, Ill. Core oils used as binders in molding operations. 428,806, Apr. 1, 1947. Republished Apr. 13. Class 5.
Vestal Mills, Incorporated, Athens, Tenn. Hosiery. 420,893, May 20, 1947. Republished Apr. 13. Class 39.
Victor Equipment Co., San Francisco, Calif. Gas pressure gauges. 438,305, Apr. 13; Serial No. 523,098, published Jan. 20, 1948. Class 26.
Violin Shop, The: *See*—
Balmforth, L. P., & Son.
Vitamin Store of Iowa, The: *See*—
Winthroub, Murray M.
Vitaminerals Co.: *See*—
Gorman, John F.
Vita-Var Corporation, Newark, N. J. Waterproofing compound. 438,150, Apr. 13; Serial No. 473,353, published Jan. 13, 1948. Class 12.
Walker Vitamin Products, Inc., Mount Vernon, N. Y. Capsules. 418,861, Jan. 15, 1946. Republished Apr. 13. Class 6.
Wallace, R., & Sons Manufacturing Company, Wallingford, Conn. Sterling silver flatware. 438,336–40, Apr. 13; Serial No. 525,164–7, published Jan. 20, 1948. Class 28.
Waters, Horace, Piano Company, Inc., New York, N. Y. Pianos. 429,155, Apr. 22, 1947. Republished Apr. 13. Class 36.
Watkins, J. R., Company, The, Winona, Minn. Medicated ointment. 438,350, Apr. 13; Serial No. 525,465, published Jan. 20, 1948. Class 6.
Webb Corporation, The, Webb City, Mo. Plate bending rolls, gear reducers, log washers, crushing rolls, etc. 438,257, Apr. 13; Serial No. 516,592, published Jan. 13, 1948. Class 23.
Weekly Publications, Inc., New York, N. Y. Weekly magazine. 385,859, Mar. 18, 1941. Republished Apr. 13. Class 38.
Weekly Publications, Inc., New York, N. Y. Department or section of a weekly magazine. 390,621–2, Sept. 30, 1941. Republished Apr. 13. Class 38.
Welmaid Products: *See*—
Lamco Products Co.
West Disinfecting Company, Long Island City, N. Y. Disinfectant. 438,341, Apr. 13; Serial No. 525,169, published Jan. 20, 1948. Class 6.
West Coast Growers & Packers: *See*—
Hoak, D. R.
Western Tablet & Stationery Corporation, Dayton, Ohio. Papeteries, i. e., stationery comprising envelopes and/or paper, etc. 438,360, Apr. 13; Serial No. 526,150, published Jan. 20, 1948. Class 37.
Wheatena Corporation, The, Rahway, N. J. Wheat breakfast food. 500,070, Apr. 13; Serial No. 527,668, published Jan. 27, 1948. Class 46.
White Cap Company, Chicago, Ill. Closure caps. 382,376, Oct. 29, 1940. Republished Apr. 13. Class 50.
White-Stokes Company, Inc., Chicago, Ill. Glacé fruit. 234,995, renewed Nov. 8, 1947. O. G. Apr. 13. Class 46.
Wiberg, Harold G., London, England. Pine essence and medicated essence. 438,192, Apr. 13; Serial No. 502,174, published Jan. 20, 1948. Class 6.
Widen, R. J., Company, North Adams, Mass. Leather. 438,302, Apr. 13; Serial No. 522,932, published Jan. 20, 1948. Class 1.
Wilcox-Gay Corporation, The, Charlotte, Mich. Phonograph record blanks. 438,179, Apr. 13; Serial No. 499,298, published Jan. 20, 1948. Class 36.
Willys-Overland Motors, Inc., Toledo, Ohio. Automobiles and structural parts thereof. 438,144, Apr. 13; Serial No. 495,058, published Jan. 6, 1948. Class 19.

Winthrop Chemical Company, Inc., assignor to Winthrop-Stearns Inc., New York, N. Y. Analgesic, antipyretic, and antirheumatic preparation. 438,230, Apr. 13; Serial No. 512,470, published Jan. 20, 1948. Class 6.

Winthrop Chemical Company, Inc., New York, N. Y., assignor to Winthrop-Stearns Inc. Medicinal preparation for the treatment of hyperthyroidism. 438,250, Apr. 13; Serial No. 515,734, published Sept. 9, 1947. Class 6.

Winthrop-Stearns Inc.: *See*—
I. G. Farbenindustrie Aktiengesellschaft.
Winthrop Chemical Company, Inc.

Winthroub, Murray M., doing business as The Vitamin Store of Iowa, Des Moines, Iowa. Vitamin preparation. 500,097, Apr. 13; Serial No. 530,139, published Jan. 20, 1948. Class 6.

Wittenberg, Sigbert L., Brooklyn, N. Y. Motion picture film splicers. 438,301, Apr. 13; Serial No. 521,708, published Jan. 20, 1948. Class 26.

Wollensak Optical Company, Rochester, N. Y. Photographic lenses. 424,390–1, Oct. 1, 1946. Republished Apr. 13. Class 26.

Woolworth, F. W., Co., New York, N. Y. Writing and printing paper and correspondence envelopes. 438,199, Apr. 13; Serial No. 504,815, published Jan. 20, 1948. Class 37.

Worthington Ball Company, The, Elyria, Ohio. Golf balls. 430,723, June 24, 1947. Republished Apr. 13. Class 22.

Wright, E. T., & Company, Inc., Rockland, Mass. Men's, boys', little gents', etc., shoes. 350,988, Oct. 12, 1937. Republished Apr. 13. Class 39.

Wright & Lawrence, Inc., Chicago, Ill., by The Procter & Gamble Company, Cincinnati, Ohio. After-shaving lotion and talcum powder. 380,462, Aug. 20, 1940. Republished Apr. 13. Class 6.

Young and Young Company, Detroit, Mich. Hair pomades. 438,246, Apr. 13; Serial No. 514,388, published Jan. 20, 1948. Class 6.

Younghusband, James L., Chicago, Ill. Lipstick, face powder, etc. 363,737, Jan. 3, 1939. Republished Apr. 13. Class 6.

Zellerbach Paper Company, San Francisco, Calif. Cartons. 410,221, Nov. 14, 1944. Republished Apr. 13. Class 2.

Zoffmann Laboratory, Inc.: *See*—
St. Louis Laboratories.

Zürich, Forex Ag., Zurich, Switzerland. Dextrose. 438,325, Apr. 13; Serial No. 524,642, published Jan. 13, 1948. Class 46.

Zweig, Henry, doing business as Plato-Cast Products, New York, N. Y. Pulverized product used in making refractory molds and investments for casting metals. 438,310, Apr. 13; Serial No. 523,876, published Jan. 27, 1948. Class 1.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Calfskins. Regal Shoe Company. 237,591, renewed Jan. 10, 1948. O. G. Apr. 13.

Camelback. General Tire & Rubber Company. 375,005, Feb. 6, 1940. Republished Apr. 13.

Composition of matter of raw or partly prepared minerals, etc. P. S. Hoyt. 438,256, Apr. 13; Serial No. 516,416, published Jan. 27, 1948.

Compositions in physical character comparable to milled and compound rubber, etc. Dow Corning Corporation. 438,195, Apr. 13; Serial No. 503,981, published Jan. 27, 1948.

Fur skins, hides, and pelts. Fouke Fur Company. 414,446, June 12, 1945. Republished Apr. 13.

Fur skins, hides, and pelts. Fouke Fur Company. 418,557, June 1, 1946. Republished Apr. 13.

Fur, skins, hides, etc. Fouke Fur Company. 373,769, Dec. 19, 1939. Republished Apr. 13.

Leather. R. J. Widen. 438,302, Apr. 13; Serial No. 522,932, published Jan. 20, 1948.

Leather in the piece. A. Glicksman. 438,329, Apr. 13; Serial No. 524,792, published Jan. 20, 1948.

Leather, Lace. Henry K. Barnes Company. 306,419, Sept. 19, 1933. Republished Apr. 13.

Leathers. Louis Meyers & Son, Inc. 438,327, Apr. 13; Serial No. 524,712, published Jan. 20, 1948.

Plastic interliner. Monsanto Chemical Company. 382,673, Nov. 5, 1940. Republished Apr. 13.

Powder and moulding plastic, Moulding. Emsig Manufacturing Company. 438,306, Apr. 13; Serial No. 523,192, published Jan. 20, 1948.

Pulp, Wood. Gottesman & Company Incorporated. 438,316, Apr. 13; Serial No. 524,182, published Jan. 20, 1948.

Pulverized product used in making refractory molds and investments for casting metals. H. Zweig. 438,310, Apr. 13; Serial No. 523,876, published Jan. 27, 1948.

Resins, Artificial. Monsanto Chemical Company. 382,507, Oct. 29, 1940. Republished Apr. 13.

Seed and sweet corn seed, Field corn. J. L. Peppard. 438,334–5, Apr. 13; Serial Nos. 525,099–100, published Jan. 20, 1948.

Seed, Grass. Germain Seed and Plant Company. 425,736, Dec. 3, 1946. Republished Apr. 13.

Seed, Lawn. J. Chas. McCullough Seed Company. 438,244, Apr. 13; Serial No. 514,369, published Jan. 20, 1948.

Seeds and farm and grass seeds, Field and garden. Northrup, King & Co. 395,626, June 2, 1942. Republished Apr. 13.

Seeds, bulbs, and plants, Garden and field. Associated Seed Growers, Inc. 413,605, May 1, 1945. Republished Apr. 13.

Seed, bulbs, and plants, Garden and field. Associated Seed Growers, Inc. 426,997, Jan. 21, 1947. Republished Apr. 13.

Seeds, Vegetable and flower. Germain Seed and Plant Company. 425,543, Nov. 26, 1946. Republished Apr. 13.

Sheets, films, foils, etc. Celanese Corporation of America. 438,275, Apr. 13; Serial No. 518,873, published Jan. 20, 1948.

Talc. Berger-Plate Company. 438,183, Apr. 13; Serial No. 499,756, published Aug. 12, 1947.

Wadding, Paper and creped cellulose. Kimberly-Clark Corporation. 411,952, Feb. 13, 1945. Republished Apr. 13.

Wax, Refined and crystallized. William J. Hough Co. 438,267, Apr. 13; Serial No. 518,000, published Jan. 27, 1948.

CLASS 2

Bags. Bemis Bro. Bag Company. 372,807, Nov. 14, 1939. Republished Apr. 13.

Bags. Bemis Bro. Bag Company. 426,740, Jan. 7, 1947. Republished Apr. 13.

Bags and sacks. Bemis Bro. Bag Company. 416,343, Sept. 4, 1945. Republished Apr. 13.

Bags and sacks. Bemis Bro. Bag Company. 416,879, Oct. 2, 1945. Republished Apr. 13.

Bags and sacks, Fabric. Bemis Bro. Bag Company. 424,933, Oct. 29, 1946. Republished Apr. 13.

Bags and sacks, Fabric. Bemis Bro. Bag Company. 425,551, Nov. 26, 1946. Republished Apr. 13.

Bags and sacks, Fabric and paper. Bemis Bro. Bag Company. 426,940, Jan. 21, 1947. Republished Apr. 13.

Bags and sacks, Paper. Bemis Bro. Bag Company. 424,440, Oct. 3, 1946. Republished Apr. 13.

Bags, Fabric. Bemis Bro. Bag Company. 427,085–6, Jan. 28, 1947. Republished Apr. 13.

Bags, Open-mesh. Bemis Bro. Bag Company. 429,910, May 20, 1947. Republished Apr. 13.

Bags, Paper. Bemis Bro. Bag Company. 365,057, Feb. 21, 1939. Republished Apr. 13.

Bags, Waterproof. Bemis Bro. Bag Company. 424,930, Oct. 29, 1946. Republished Apr. 13.

Bags, Waterproof shipping. Bemis Bro. Bag Company. 422,691, Aug. 6, 1946. Republished Apr. 13.

Bags, Woven cotton fabric. Bemis Bro. Bag Company. 408,023, July 11, 1944. Republished Apr. 13.

Cartons. Zellerbach Paper Company. 410,221, Nov. 14, 1944. Republished Apr. 13.

Containers, Shipping. Dillman Industries, Inc. 379,830, July 30, 1940. Republished Apr. 13.

Paper, envelopes, visiting-cards, etc. Tiffany & Co. 30,599, re-renewed Oct. 5, 1947. O. G. Apr. 13.

CLASS 3

Cases, Travel. Pioneer Suspender Company. 427,573, Feb. 11, 1947. Republished Apr. 13.

Wallets and billfolds. Pioneer Suspender Company. 410,607, Dec. 5, 1944. Republished Apr. 13.

CLASS 4

Abrasive articles, Molded. Carborundum Company. 429,548, May 6, 1947. Republished Apr. 13.

Abrasive element carried by a spindle for use in finishing inside surfaces, etc. Harco Products Company. 438,186, Apr. 13; Serial No. 500,472, published Jan. 6, 1948.

Abrasive powders for lapping, finishing and polishing, etc. Linde Air Products Company. 438,190, Apr. 13; Serial No. 501,747, published Jan. 13, 1948.

Cleaner, cleanser, and detergent, Sudsing. Procter & Gamble Company. 422,361, July 16, 1946. Republished Apr. 13.

Cleaner, cleanser, and detergent, Sudsing. Procter & Gamble Company. 423,995–7, Sept. 17, 1946. Republished Apr. 13.

Cleaner, cleanser, and detergent, Sudsing. Procter & Gamble Company. 427,126, Jan. 28, 1947. Republished Apr. 13.

Cleaner, cleanser, and detergent, Sudsing. Procter & Gamble Company. 438,318, Apr. 13; Serial No. 524,417, published Jan. 6, 1948.

Cleaner, cleanser, and detergent, Sudsing. Procter & Gamble Company. 438,320, Apr. 13; Serial No. 524,477, published Jan. 13, 1948.

Cleaner, cleanser, and detergent, Sudsing. Procter & Gamble Company. 438,321, Apr. 13; Serial No. 524,480, published Jan. 6, 1948.

Cleaner, cleanser, and detergent, Sudsing. Procter & Gamble Company. 438,322, Apr. 13; Serial No. 524,562, published Jan. 6, 1948.

Cleaner, cleanser, and detergent, Sudsing. Procter & Gamble Company. 438,323–4, Apr. 13; Serial Nos. 524,621–2, published Jan. 13, 1948.

Cleaner, cleanser, and detergent, Sudsing. Procter & Gamble Company. 438,330, Apr. 13; Serial No. 524,814, published Jan. 6, 1948.

Cleaner, cleanser, and detergent, Sudsing. Procter & Gamble Company. 438,342, Apr. 13; Serial No. 525,245, published Jan. 6, 1948.

Cleaner, cleanser, and detergent, Sudsing. Procter & Gamble Company. 438,357, Apr. 13; Serial No. 525,947, published Jan. 6, 1948.

Cleaner in paste form, Surface. Acme Chemical Company. 421,759, June 18, 1946. Republished Apr. 13.

Cleaner, Lather oil hand. U. S. Sanitary Specialties Corporation. 413,266, Apr. 17, 1945. Republished Apr. 13.

Cleaner preparation, Hand. North Products Corp. 438,272, Apr. 13; Serial No. 518,479, published Jan. 13, 1948.

Cleaning compounds, Chemical. Mido Products. 438,281, Apr. 13; Serial No. 519,481, published Jan. 20, 1948.

Cleanser and soap, Combined chemical. Acme Chemical Company. 410,282, Nov. 21, 1944. Republished Apr. 13.

Cleansing compositions, Liquid detergent and general. Treesdale Laboratories, Inc. 437,107, Apr. 13; Serial No. 504,223, published Jan. 13, 1948.

Cream, shaving soap, etc., Shaving. Avon Products, Inc. 438,201, Apr. 13; Serial No. 506,153, published Jan. 13, 1948.

Detergent and polishing agent. Sterling Drug Inc. 438,328, Apr. 13; Serial No. 524,749, published Jan. 6, 1948.

Detergent solution, Synthetic. Chemical Specialties Incorporated. 500,099, Apr. 13; Serial No. 531,098, published Jan. 20, 1948.

Detergents, Sudsing, soap-like. Procter & Gamble Company. 424,339, Oct. 1, 1946. Republished Apr. 13.

Detergents, Synthetic solid. Monsanto Chemical Company. 421,818, June 18, 1946. Republished Apr. 13.

Mineral material product for absorbing oils, grease and water, Granular. National Sawdust Co., Inc. 438,351, Apr. 13; Serial No. 525,494, published Jan. 20, 1948.

Polish in liquid form, Metal. Chrom Glo Company. 438,297, Apr. 13; Serial No. 521,435, published Jan. 13, 1948.

Polish, Silver. International Silver Company. 438,217, Apr. 13; Serial No. 510,084, published Jan. 6, 1948.

Preparation comprising an absorbent powdered material. Gray Company, Inc. 410,603, Dec. 5, 1944. Republished Apr. 13.

Preparation for absorbing grease and oil on floors, Granular clay. E. C. Ouellette. 438,223, Apr. 13; Serial No. 511,182, Jan. 13, 1948.

Preparation for shaving. International Chemical Company. 230,882, renewed Aug. 9, 1947. O. G. Apr. 13.

Preparation used as a preservative and filler for transmission belts and ropes. Cling-Surface Company. 438,214. Apr. 13; Serial No. 509,825, published Jan. 13, 1948.

Soap. Armstrong Grocery Company. 438,263, Apr. 13; Serial No. 517,230, published Jan. 20, 1948.

Soap. Procter & Gamble Company. 421,370, May 28, 1946. Republished Apr. 13.

Soap, abrasive grains and powders, shoe polish, and silver polish, Laundry. Consolidated Cosmetics. 438,193, Apr. 13; Serial No. 503,800, published Apr. 22, 1947.

Soap and shaving soap, Hand. John Hudson Moore, Inc. 392,112, Dec. 9, 1941. Republished Apr. 13.

Soap flakes and granules. Procter & Gamble Company. 382,688, Nov. 5, 1940. Republished Apr. 13.

Soap powder, soap grains, soap flakes, etc. Great Atlantic & Pacific Tea Company. 438,236, Apr. 13; Serial No. 513,050, published Jan. 13, 1948.

Soap, soap cleaning compounds, etc., Liquid hand. Du-Ey Produits Co., Inc. 438,299, Apr. 13; Serial No. 521,508, published Jan. 13, 1948.

Soap, Toilet and bath. Jaquet, Incorporated. 438,178, Apr. 13; Serial No. 498,995, published Jan. 20, 1948.

Soaps. Personality Beauty Products Limited. 438,174, Apr. 13; Serial No. 495,817, published Dec. 31, 1946.

Sponge for cleaning metal surfaces, Metallic. Coles, Ross & Co., Incorporated. 438,237, Apr. 13; Serial No. 513,100, published Jan. 27, 1948.

CLASS 5

Adhesives. Miracle Adhesives Corporation. 429,906, May 20, 1947. Republished Apr. 13.

Cements, Waterproof adhesive. Cork Import Corporation. 416,431, Sept. 11, 1945. Republished Apr. 13.

Core oils used as binders in molding operations. Velsicol Corporation. 428,806, Apr. 1, 1947. Republished Apr. 13.

Glue. I. F. Laucks, Inc. 413,037, Apr. 3, 1945. Republished Apr. 13.

CLASS 6

Agent and wetting agent, Emulsifying. Glyco Products Co., Inc. 438,221, Apr. 13; Serial No. 510,677, published Jan. 20, 1948.

Analgesic, Antipyretic, and antirheumatic preparation. Winthrop Chemical Company, Inc. 438,230, Apr. 13; Serial No. 512,470, published Jan. 20, 1948.

Ant killer preparation, insect killer preparation, hand cream, etc. Plee-Zing Inc. 438,222, Apr. 13; Serial No. 510,721, published Jan. 20, 1948.

Antacid liquid preparation. Buffingtons, Incorporated. 500,084, Apr. 13; Serial No. 529,586, published Jan. 27, 1948.

Anterior pituitary-like sex hormones, chorionic gonadatrophin in powdered form or in solutions of distilled water. Hospital Liquids, Inc. 381,067, Sept. 10, 1940. Republished Apr. 13.

Anti-freeze solution. Perfect Circle Company. 438,176, Apr. 13; Serial No. 498,450, published Jan. 20, 1948.

Bile salts tablet. Buffington's, Incorporated. 500,086, Apr. 13; Serial No. 529,588, published Jan. 27, 1948.

Calcium carbonate and magnesium trisilicate preparation. Neoco Corporation. 438,296, Apr. 13; Serial No. 521,397, published Jan. 27, 1948.

Calcium levulinate. E. S. Miller Laboratories, Inc. 500,072, Apr. 13; Serial No. 527,987, published Jan. 20, 1948.

Capsules. Walker Vitamin Products, Inc. 418,861, Jan. 15, 1946. Republished Apr. 13.

Carrier or diluent for insecticides and fungicides, Clay. R. T. Vanderbilt Company, Inc. 438,303, Apr. 13; Serial No. 522,982, published Jan. 13, 1948.

Chemical adjuvants for lacquers. Monsanto Chemical Company. 398,075, Oct. 6, 1942. Republished Apr. 13.

Chemical adjuvants used in rubber. Monsanto Chemical Company. 415,693, Aug. 14, 1945. Republished Apr. 13.

Chemical composition used as a dispersing agent, a wetting agent, etc. General Aniline & Film Corporation. 438,208, Apr. 13; Serial No. 507,980, published Jan. 20, 1948.

Chemical liquid welder for radiators, motors, etc. K. J. Simmons & Company. 438,290, Apr. 13; Serial No. 520,306, published Jan. 27, 1948.

Chemical mixture for use as a component of fungicidal sprays and dusts. Rohm & Haas Company. 500,093, Apr. 13; Serial No. 529,825, published Jan. 20, 1948.

Chemical mixture for use as a component of fungicidal sprays and dusts. Rohm & Haas Company. 500,094, Apr. 13; Serial No. 529,826, published Jan. 27, 1948.

Chemical preparations. Ridgefield Chemical Products Co. Inc. 438,235, Apr. 13; Serial No. 512,990, published Jan. 20, 1948.

Chemical products. Monsanto Chemical Company. 430,377; June 10, 1947. Republished Apr. 13.

Chemicals and preparations and compounds thereof. General Aniline & Film Corporation. 426,267, Dec. 24, 1946. Republished Apr. 13.

Cold tablets. S-A-M Laboratories, Inc. 438,308, Apr. 13; Serial No. 523,708, published Aug. 26, 1947.

Colloidal or true solutions of chemical substances. Monsanto Chemical Company. 414,769, June 26, 1945. Republished Apr. 13.

Composition containing chemical ingredients. Flower Foods, Inc. 428,774, Apr. 1, 1947. Republished Apr. 13.

Compositions containing phosphoric acid. Mido Products. 438,282, Apr. 13; Serial No. 519,482, published Jan. 27, 1948.

Cosmetic cream. Procter & Gamble Company. 421,604, June 4, 1946. Republished Apr. 13.

Cosmetics. H. Adams. 438,211, Apr. 13; Serial No. 508,361, published Jan. 13, 1948.

Cream and cold cream, Vanishing. W. E. Hinds. 438,160, Apr. 13; Serial No. 488,590, published Jan. 20, 1948.

Cream, cold cream and toilet water, Dental. Great American Tea Company. 500,073, Apr. 13; Serial No. 528,464, published Jan. 20, 1948.

Cream, Cosmetic. B. Galowin. 438,242, Apr. 13; Serial No. 514,266, published Jan. 20, 1948.

Dentifrice and hair dressing, Liquid. Colgate-Palmolive-Peet Company. 500,083, Apr. 13; Serial No. 529,235, published Jan. 27, 1948.

Developing solution. Gross Photo Supply Company. 380,505, Aug. 20, 1940. Republished Apr. 13.

Diethylstilbestrol. E. S. Miller Laboratories, Inc. 500,066, Apr. 13; Serial No. 527,502, published Jan. 20, 1948.

Disinfectant. West Disinfecting Company. 438,341, Apr. 13; Serial No. 525,169, published Jan. 20, 1948.

Disinfectant, antiseptic, and germicide preparation. Acme Chemical Company. 255,743, Apr. 30, 1929. Republished Apr. 13.

Disinfectants, deodorants, insecticides, etc. E. M. E. Corporation. 237,071, renewed Jan. 3, 1948. O. G. Apr. 13.

Di-desoxyephedrline. E. S. Miller Laboratories, Inc. 500,068, Apr. 13; Serial No. 527,578, published Jan. 20, 1948.
Diuretic medicine in capsule form. R. J. Moran Co. 438,313, Apr. 13; Serial No. 523,977, published Jan. 13, 1948.
Dye preparation. Mallinckrodt Chemical Works. 361,932, Nov. 8, 1938. Republished Apr. 13.
Emulsion, Balsam. Buffington's, Incorporated. 500,088, Apr. 13; Serial No. 529,592, published Jan. 27, 1948.
Emulsion for coating rubber products, Wax. R. T. Vanderbilt Company, Inc. 438,218, Apr. 13; Serial No. 510,218, published Jan. 13, 1948.
Emulsion, Hair. G. de la Vega. 438,307, Apr. 13; Serial No. 523,465, published Jan. 27, 1948.
Grease compound to provide a waterproof cover for dry fishing flies. Decto Products Company. 438,240, Apr. 13; Serial No. 513,656, published Jan. 13, 1948.
Hair tonic and a face cream. V. Brog. 438,276, Apr. 13; Serial No. 519,255, published Jan. 13, 1948.
Hydrocarbon polymers. Pure Oil Company. 397,571, Sept. 8, 1942. Republished Apr. 13.
Hydrogen peroxide. Mallinckrodt Chemical Works. 500,056, Apr. 13; Serial No. 526,907, published Jan. 20, 1948.
Insecticides. S. L. Landrum. 500,104, Apr. 13; Serial No. 517,732.
Insecticides and fungicides. Sherwin-Williams Company. 240,802, renewed Apr. 10, 1948. O. G. Apr. 13.
Insecticides and fungicides. Velsicol Corporation. 425,674–6, Nov. 26, 1946. Republished Apr. 13.
Insecticides, fungicides, germicides, etc. John Powell & Co., Inc. 438,304, Apr. 13; Serial No. 523,022, published Jan. 27, 1948.
Intravenous and subcutaneous solutions. Hospital Liquids, Inc. 328,691, Oct. 1, 1935. Republished Apr. 13.
Iodide. Stabilized assimilable. Mallinckrodt Chemical Works. 500,055, Apr. 13; Serial No. 526,866, published Jan. 20, 1948.
Ion exchanging materials. Elgin Softener Corporation. 416,293–4, Sept. 4, 1945. Republished Apr. 13.
Ion exchanging materials. Elgin Softener Corporation. 419,472, Feb. 19, 1946. Republished Apr. 13.
Laxative tablet. Buffington's, Incorporated. 500,085, Apr. 13; Serial No. 529,587, published Jan. 27, 1948.
Lipstick. H. J. D'Amico. 438,225, Apr. 13; Serial No. 511,383, published Jan. 27, 1948.
Lipstick, face powder, etc. J. L. Younghusband. 363,737, Jan. 3, 1939. Republished Apr. 13.
Lipsticks, face powder, rouges, etc. E. D. Schneider. 438,159, Apr. 13; Serial No. 487,527, published Jan. 20, 1948.
Liquid compound for removing carbon deposits. S. C. Johnson & Son. 183,160, Apr. 22, 1924. Republished Apr. 13.
Liquid external application. Buffington's, Incorporated. 500,092, Apr. 13; Serial No. 529,597, published Jan. 27, 1948.
Liquid preparation. Buffington's, Incorporated. 500,090, Apr. 13; Serial No. 529,594, published Jan. 27, 1948.
Lotion and talcum powder, After-shaving. Wright & Lawrence, Inc. 380,462, Aug. 20, 1940. Republished Apr. 13.
Lotion cream. Procter & Gamble Company. 421,941, June 25, 1946. Republished Apr. 13.
Lotions and suntan creams, Suntan. M. M. Mabel. 438,292, Apr. 13; Serial No. 520,635, published Nov. 11, 1947.
Lye. E. Myers Lye Corporation. 500,095–6, Apr. 13; Serial Nos. 529,917–18, published Jan. 20, 1948.
Lye, baking soda, etc. Lewis-Hubbard Corporation. 438,202, Apr. 13; Serial No. 506,948, published Aug. 12, 1947.
Medicinal preparation. A. E. Darrow. 500,077, Apr. 13; Serial No. 528,856, published Jan. 20, 1948.
Medicinal preparation. Endo Products Inc. 438,280, Apr. 13; Serial No. 519,389, published Sept. 2, 1947.
Medicinal preparation. Dr. Miles Medical Company. 239,156, renewed Feb. 21, 1948. O. G. Apr. 13.
Medicinal preparation. Schering Corporation. 500,075, Apr. 13; Serial No. 528,647, published Jan. 20, 1948.
Medicinal preparation. G. Stappas. 500,054, Apr. 13; Serial No. 526,654, published Jan. 27, 1948.
Medicinal preparation for the treatment of hyperthyroidism. Winthrop Chemical Company, Inc. 438,250, Apr. 13; Serial No. 515,734, published Sept. 9, 1947.
Medicinal preparations. Burroughs Wellcome & Co. (U. S. A.) Inc. 500,081, Apr. 13; Serial No. 529,145, published Jan. 20, 1948.
Medicinal preparations. Cumberland Mfg. Company. 438,253, Apr. 13; Serial No. 516,116, published Jan. 20, 1948.
Medicine. D. D. D. Company. 56,747, Oct. 16, 1906. Amended. O. G. Apr. 13.
Mothproofing composition. Launder Moth, Inc. 438,295, Apr. 13; Serial No. 520,952, published Jan. 27, 1948.
Oil and resinous dryers, Chemically altered linseed. Preservative Products Company. 438,203, Apr. 13; Serial No. 507,023, published Jan. 13, 1948.
Oil, pressing oil, and hair tonic, Hair. L. B. P. Brooks. 438,220, Apr. 13; Serial No. 510,566, published Jan. 20, 1948.
Oil solution of aromatic principles, Injectable. Buffington's, Incorporated. 500,087, Apr. 13; Serial No. 529,589, published Jan. 27, 1948.
Ointment. Burroughs Wellcome & Co. (U. S. A.) Inc. 500,078, Apr. 13; Serial No. 529,141, published Jan. 20, 1948.
Ointment. Burroughs Wellcome & Co. (U. S. A.) Inc. 500,080, Apr. 13; Serial No. 529,144, published Jan. 20, 1948.
Ointment, Medicated. J. R. Watkins Company. 438,350, Apr. 13; Serial No. 525,465, published Jan. 20, 1948.
Organic combination of minerals for use as a general tonic. Ciba Pharmaceutical Products, Inc. 438,153, Apr. 13; Serial No. 482,920, published Jan. 20, 1948.
Paste-shampoo. Davies-Young Soap Company. 382,886, Nov. 12, 1940. Republished Apr. 13.
Penicillin vehicle containing sesame oil, etc. Lincoln Laboratories, Incorporated. 438,224, Apr. 13; Serial No. 511,341, published Jan. 20, 1948.
Perfume. E. Daltroff & Cie. 351,665, Nov. 2, 1937. Republished Apr. 13.
Perfume. Guerlain Perfumery Corporation of New York. 239,458, renewed Mar. 6, 1948. O. G. Apr. 13.
Perfume bases. United States Rubber Company. 500,053, Apr. 13; Serial No. 526,640, published Jan. 27, 1948.
Perfume, cologne, toilet water, etc. J. L. Priess. 416,321, Sept. 4, 1945. Republished Apr. 13.
Perfume, cologne, toilet water, etc. J. L. Priess. 417,465, Oct. 30, 1945. Republished Apr. 13.
Perfume, Dry. J. L. Priess. 412,008, Feb. 13, 1945. Republished Apr. 13.
Perfume, lipstick, face powder, etc. Consolidated Cosmetics. 423,713, Sept. 10, 1946. Republished Apr. 13.
Perfume, toilet waters, rouge, etc. Parfums Chinon, Société à Responsabilité Limitée. 438,264, Apr. 13; Serial No. 517,513, published Jan. 13, 1948.
Perfumes. L. Emanuel. 438,255, Apr. 13; Serial No. 516,402, published Jan. 20, 1948.
Perfumes and toilet waters. Chas. A. Stevens & Bros. 232,705, renewed Sept. 13, 1947. O. G. Apr. 13.
Photographic developers, Fine grain. Edwal Laboratories, Inc. 500,071, Apr. 13; Serial No. 527,829, published Jan. 20, 1948.
Pills, Cathartic. Foster-McClellan Co. 68,743, re-renewed Apr. 28, 1948. O. G. Apr. 13.
Pine essence and medicated essence. H. G. Wiberg. 438,192, Apr. 13; Serial No. 502,174, published Jan. 20, 1948.
Pituitary preparation. E. S. Miller Laboratories, Inc. 417,448, Oct. 30, 1945. Republished Apr. 13.
Plasters, Medicated. Allcock Manufacturing Company. 438,234, Apr. 13; Serial No. 512,890, published Jan. 20, 1948.
Plasticizer and softener for rubber and synthetic rubbers. C. P. Hall Company. 500,076, Apr. 13; Serial No. 528,788, published Jan. 27, 1948.
Pomades, Hair. Young and Young Company. 438,246, Apr. 13; Serial No. 514,388, published Jan. 20, 1948.
Powder, Antiseptic vaginal douche. Buffington's, Incorporated. 500,089, Apr. 13; Serial No. 529,593, published Jan. 27, 1948.
Powders, Face. Guerlain Perfumery Corporation of New York. 237,797, renewed Jan. 17, 1948. O. G. Apr. 13.
Powders, perfumed washes and water, etc., Perfumed. Pinaud Incorporated. 239,302, renewed Feb. 28, 1948. O. G. Apr. 13.
Preparation for treatment of affections of the nervous system, etc. Sharp & Lohme, Incorporated. 438,241, Apr. 13; Serial No. 514,067, published Sept. 2, 1947.
Preparation for whitening and softening the hands, cuticle solvent, cuticle cream, etc. Dubarry Perfumery Company Limited. 236,279, renewed Dec. 6, 1947. O. G. Apr. 13.
Preparation in the form of a sirup. U. S. Standard Products Company. 368,050, June 6, 1939. Republished Apr. 13.
Preparations for the treatment of secondary and tertiary syphilis, etc. I. G. Farbenindustrie Aktiengesellschaft. 242,608, renewed May 29, 1948. O. G. Apr. 13.
Reagent comprising alkali metal linoleate and oleate, Frothing and collecting. Procter & Gamble Company. 398,170, Oct. 13, 1942. Republished Apr. 13.
Salt, Mercurial. Mallinckrodt Chemical Works. 500,057, Apr. 13; Serial No. 526,956, published Jan. 20, 1948.
Shampoo. Procter & Gamble Company. 417,434, Oct. 30, 1945. Republished Apr. 13.
Shampoo. Swadig, Ltd. 500,098, Apr. 13; Serial No. 531,051, published Jan. 27, 1948.
Shampoo and hair dressing. Kay Daumit, Inc. 438,370, Apr. 13; Serial No. 514,941.
Solution for parenteral administration. Hospital Liquids, Inc. 415,332, Aug. 7, 1945. Republished Apr. 13.
Solvent in the form of a liquid. Gray Company, Inc. 388,122, June 10, 1941. Republished Apr. 13.
Starch, Chemically treated. H. D. Meincke. 500,082, Apr. 13; Serial No. 529,185, published Jan. 20, 1948.
Sterilizer and deodorant. Acme Chemical Company. 422,569, July 30, 1946. Republished Apr. 13.
Synthetic resins in solution form. Monsanto Chemical Company. 414,768, June 26, 1945. Republished Apr. 13.
Syrup, Non-narcotic. Buffington's, Incorporated. 500,091, Apr. 13; Serial No. 529,595, published Jan. 27, 1948.
Toilet water, perfume, etc. Coty, Inc. 438,156, Apr. 13; Serial No. 484,292, published Apr. 15, 1947.

Toilet waters, colognes, and perfumery. Campana Corporation. 381,789, Oct. 8, 1940. Republished Apr. 13.
Toiletries, Men's. C. de Flandre. 438,167, Apr. 13; Serial No. 492,902, published Jan. 20, 1948.
Tonic, Animal. Chappel Bros., Inc. 237,372, renewed Jan. 10, 1948. O. G. Apr. 13.
Toothpaste, Saponaceous. Procter & Gamble Company. 414,148, May 29, 1945. Republished Apr. 13.
Tooth powder in tablet form. L. Perrigo Company. 438,251, Apr. 13; Serial No. 515,903, published Jan. 27, 1948.
Vasoconstrictor. Smith, Kline & French Laboratories. 438,148, Apr. 13; Serial No. 473,230, published May 8, 1945.
Viper venom for making solutions for use in controlling hemorrhage, Dry. Burroughs Wellcome & Co. (U. S. A.) Inc. 500,079, Apr. 13; Serial No. 529,143, published Jan. 20, 1948.
Vitamin B-Complex products in capsule, etc., form. Pasadena Research Laboratories, Inc. 500,058, Apr. 13; Serial No. 527,047, published Jan. 27, 1948.
Vitamin preparation. M. M. Winthroub. 500,097, Apr. 13; Serial No. 530,139, published Jan. 20, 1948.
Waving solutions and hair drying solutions, Permanent. Eugene, Ltd. 416,700, Sept. 25, 1945. Republished Apr. 13.
Waxes. Abril Corporation (Great Britain) Limited. 438,219, Apr. 13; Serial No. 510,465, published Jan. 13, 1948.

CLASS 7

Manila, sisal, and cotton rope, etc. Tubbs Cordage Company. 394,286, Mar. 31, 1942. Republished Apr. 13.
Twine. Bemis Bro. Bag Company. 421,218, May 21, 1946. Republished Apr. 13.
Twine. Bemis Bro. Bag Company. 426,536, Dec. 31, 1946. Republished Apr. 13.
Twine. International Harvester Company. 416,823, Oct. 2, 1945. Republished Apr. 13.
Twine, Paper-covered. Tubbs Cordage Company. 426,186, Dec. 17, 1946. Republished Apr. 13.

CLASS 8

Pipes, Smoker's. London House, Ltd. 372,727, Nov. 14, 1939. Republished Apr. 13.

CLASS 10

Fertilizer. Synthetic Nitrogen Products Corporation. 377,212, Apr. 23, 1940. Republished Apr. 13.
Fertilizers. Synthetic Nitrogen Products Corporation. 377,194, Apr. 23, 1940. Republished Apr. 13.
Potash, Muriate of. Potash Company of America. 415,392, Aug. 7, 1945. Republished Apr. 13.

CLASS 11

Ink, Writing. Parker Pen Company. 425,730, Dec. 3, 1946. Republished Apr. 13.
Organic solvent, Water soluble. Parker Pen Company. 421,733, June 18, 1946. Republished Apr. 13.
Paper, envelopes, visiting-cards, etc. Tiffany & Co. 30,699, re-renewed Oct. 5, 1947. O. G. Apr. 13.

CLASS 12

Asbestos siding. Asbestos Company of Texas. 500,052, Apr. 13; Serial No. 526,570, published Jan. 6, 1948.
Asphalt compounded. Presstite Engineering Company. 500,061, Apr. 13; Serial No. 527,168, published Jan. 13, 1948.
Asphalt compounded, Dry, powdered. Presstite Engineering Company. 500,059, Apr. 13; Serial No. 527,132, published Jan. 13, 1948.
Blocks and tile, Refractory. M. H. Detrick Company. 402,280, July 13, 1943. Republished Apr. 13.
Brick, Fire. A. P. Green Fire Brick Company. 438,285, Apr. 13; Serial No. 520,029, published Jan. 13, 1948.
Compound for sealing of expansion or contraction joints in concrete road, street, etc. Flintkote Company. 438,254, Apr. 13; Serial No. 516,121, published Dec. 16, 1947.
Doors for use in building construction, Plastic faced and plastic edged. National Plastic Products Company. 438,238, Apr. 13; Serial No. 513,190, published Dec. 23, 1947.
Fibre base composition boards and panels, Coated and uncoated. Arvey Corporation. 422,643, Aug. 6, 1946. Republished Apr. 13.
Floor composition, Paste-like readily setting. National Tile & Marble Corp. 438,291, Apr. 13; Serial No. 520,464, published Dec. 30, 1947.
Insulating material adapted for construction purposes. Roberts Enterprises. 438,312, Apr. 13; Serial No. 523,922, published Dec. 16, 1947.
Insulation, Corkboard. Armstrong Cork Company. 424,627, Oct. 15, 1946. Republished Apr. 13.
Insulation in nodulated form, Mineral wool thermal. Johns-Manville Corporation. 438,194, Apr. 13; Serial No. 503,817, published Dec. 16, 1947.
Lime for use in plasters, Hydrated finish. National Gypsum Company. 438,204, Apr. 13; Serial No. 507,066, published Jan. 6, 1948.
Liquid compositions for treating cement surfaces, etc. Preservative Products Company. 438,249, Apr. 13; Serial No. 515,275, published Jan. 13, 1948.
Lumber. F. C. Jay. 438,216, Apr. 13; Serial No. 509,987, published Jan. 6, 1948.
Mouldings, Metal and plastic. Kinkead Industries Incorporated. 425,811, Dec. 3, 1946. Republished Apr. 13.
Panel, Light-weight construction. J. C. Scurlock. 438,209, Apr. 13; Serial No. 508,071, published Jan. 13, 1948.
Panels, Sheet metal building. Celotex Corporation. 438,163, Apr. 13; Serial No. 490,100, published Jan. 13, 1948.
Patching materials for use on wood, concrete, etc., Dry, powder-form, water-mix. Ajax Floor Products Corporation. 438,210, Apr. 13; Serial No. 508,136, published Jan. 6, 1948.
Plywood or other laminated material. United States Plywood Corporation. 438,359, Apr. 13; Serial No. 525,987, published Dec. 16, 1947.
Sash and doors, combination storm windows and doors, etc., Storm. Chamberlin Company of America. 438,164–5, Apr. 13; Serial Nos. 490,789–90, published Dec. 23, 1947.
Sealing compound, Thread and gasket. Parker Appliance Company. 438,259, Apr. 13; Serial No. 516,864, published Nov. 25, 1947.
Seals, Metal. Libbey-Owens-Ford Glass Company. 438,147, Apr. 13; Serial No. 468,961, published Dec. 16, 1947.
Tiles. National Tile Company. 236,144, renewed Dec. 6, 1947. O. G. Apr. 13.
Veneer; plywood, hollow flush doors and hollow flush panels, Wood. Mengel Company. 438,315, Apr. 13; Serial No. 524,072, published Jan. 13, 1948.
Waterproofing compound. Vita-Var Corporation. 438,150, Apr. 13; Serial No. 473,353, published Jan. 13, 1948.

CLASS 13

Clips, Metal. Armstrong Cork Company. 389,070, July 22, 1941. Republished Apr. 13.
Coffee brewers, Glass. Hill-Shaw Company. 399,805, Feb. 2, 1943. Republished Apr. 13.
Enameled ware. Columbian Enameling & Stamping Co., Inc. 363,056, Dec. 13, 1938. Republished Apr. 13.
Filters of cloth and cloth filter holders and filters made of porcelain. Hill-Shaw Company. 417,470, Oct. 30, 1945. Republished Apr. 13.
Pipe and tubing, Plastic. Federal Electric Company, Inc. 416,840, Oct. 2, 1945. Republished Apr. 13.
Pump valves and parts thereof, Self-aligning. Madsen Iron Works. 424,430, Oct. 8, 1946. Republished Apr. 13.
Trays, Food serving. M. Heller. 438,364, Apr. 13; Serial No. 503,904.
Valve, Flow control. Alco Valve Co., Inc. 318,457, Oct. 23, 1934. Corrected. O. G. Apr. 13.
Valves. Grinnell Company, Inc. 237,399, renewed Jan. 10, 1948. O. G. Apr. 13.

CLASS 14

Castings and forgings, Ferrous. International Harvester Company. 420,804, May 7, 1946. Republished Apr. 13.
Castings, Metal alloy. Burgess-Parr Company. 293,368, Apr. 19, 1932. Republished Apr. 13.
Forgings, ingots, etc., Wrought bronze shapes. Ampco Metal, Inc. 423,957, Sept. 17, 1946. Republished Apr. 13.
Ingots, castings, forgings, etc. Ampco Metal, Inc. 415,617, Aug. 14, 1945. Republished Apr. 13.
Metals, metal compounds, and alloys. Electric Railway Improvement Company. 425,701, Dec. 3, 1946. Republished Apr. 13.
Welding rods and arc welding electrodes, Metallic. Ampco Metal, Inc. 411,815, Feb. 6, 1945. Republished Apr. 13.

CLASS 15

Candles. Candy & Company, Inc. 351,743, Nov. 9, 1937. Republished Apr. 13.
Oil, Lubricating. Pure Oil Company. 384,121, Jan. 7, 1941. Republished Apr. 13.
Oil, Lubricating. Pure Oil Company. 403,920, Oct. 26, 1943. Republished Apr. 13.
Oil, Lubricating. Pure Oil Company. 404,975, Jan. 4, 1944. Republished Apr. 13.
Oils, Lubricating. Pure Oil Company. 425,399, Nov. 19, 1946. Republished Apr. 13.
Oils, Motor fuel. Pure Oil Company. 384,417, Jan. 21, 1941. Republished Apr. 13.

CLASS 16

Coating compositions, Synthetic resin. Monsanto Chemical Company. 419,164, Feb. 5, 1946. Republished Apr. 13.
Naphtha. American Mineral Spirits Company. 277,758, Nov. 25, 1930. Republished Apr. 13.
Paints, pigments used for paints, stains, etc., Mixed. Sherwin-Williams Company. 67,166, re-renewed Jan. 21, 1948. O. G. Apr. 13.
Paints, Roof. W. Moreland. 238,067, renewed Jan. 24, 1948. O. G. Apr. 13.

Surfacing material, Liquid plastic. Federal Electric Company, Inc. 424,340, Oct. 1, 1946. Republished Apr. 13.
Varnish, Penetrating floor. Acme Chemical Company. 419,998, Mar. 19, 1946. Republished Apr. 13.
Wax. S. C. Johnson & Son. 333,868, Mar. 17, 1936. Republished Apr. 13.

CLASS 17

Cigars. P. Lorillard Company. 438,347, Apr. 13; Serial No. 525,354, published Jan. 20, 1948.
Cigarettes. P. Lorillard Company. 438,348, Apr. 13; Serial No. 525,356, published Jan. 20, 1948.
Tobacco, Chewing. P. Lorillard Company. 438,344, Apr. 13; Serial No. 525,347, published Jan. 20, 1948.
Tobacco, Chewing. P. Lorillard Company. 438,345–6, Apr. 13; Serial Nos. 425,349–50, published Jan. 20, 1948.

CLASS 19

Automobile seat covers and cushions. Protection Products Co. 438,206, Apr. 13; Serial No. 507,418, published Dec. 16, 1947.
Automobile sun shields. A. A. Reynolds. 438,228, Apr. 13; Serial No. 512,344, published Dec. 23, 1947.
Automobiles and structural parts thereof. Willys-Overland Motors, Inc. 438,144, Apr. 13; Serial No. 495,058, published Jan. 6, 1948.
Bicycles. Arnold, Schwinn & Co. 438,155, Apr. 13; Serial No. 483,418, published Jan. 6, 1948.
Boats. Flour City Ornamental Iron Company. 429,596, May 6, 1947. Republished Apr. 13.
Boats, Pleasure and fishing. General Housing Company. 438,213, Apr. 13; Serial No. 509,574, published Dec. 16, 1947.
Buses. Fixible Company. 438,233, Apr. 13; Serial No. 512,773, published Dec. 23, 1947.
Canoes. Link Aviation Devices, Inc. 438,180, Apr. 13; Serial No. 500,886, published Dec. 16, 1947.
Cart, Utility hand. Lincoln Engineering Company. 385,817, Mar. 18, 1941. Republished Apr. 13.
Holder for road charts and maps. J. S. Gee. 438,172, Apr. 13; Serial No. 494,744, published Dec. 16, 1947.
Propellers and propeller hubs and parts thereof, Airplane. Continental Aviation and Engineering Corporation. 438,181, Apr. 13; Serial No. 499,391, published Jan. 20, 1948.
Propellers and propeller hubs and parts thereof, Airplane. Continental Aviation and Engineering Corporation. 438,182, Apr. 13; Serial No. 499,893, published Jan. 27, 1948.
Radiators, radiator cores, and automobile heaters, Vehicle. Auto Radiator Manufacturing Company. 500,060, Apr. 13; Seral No. 527,157, published Jan. 20, 1948.
Scooters, Motor. Comet Manufacturing Co., Inc. 430,305, June 10, 1947. Republished Apr. 13.
Seats, side cars, skirts, etc., Auxiliary. Liley Specialty Company. 438,232, Apr. 13; Serial No. 512,594, published Dec. 23, 1947.
Trailers, Automotive vehicle. Elcar Coach Corp. 437,198, Apr. 13; Serial No. 504,756, published Dec. 23, 1947.
Trailers for mine workers, Passenger. Differential Steel Car Company. 438,207, Apr. 13; Serial No. 507,807, published Dec. 16, 1947.
Trailers, House. Chicago Streamlite Corporation. 438,269, Apr. 13; Serial No. 518,200, published Jan. 6, 1948.
Trailers, House or coach. E. A. Schumacher. 438,187, Apr. 13; Serial No. 500,493, published Dec. 16, 1947.
Trucks and trailers, Industrial. Colby Steel and Engineering Co. 169,994, July 10, 1923. Republished Apr. 13.
Trucks, farm wagons, tractor, etc., Automotive. International Harvester Company. 428,377, Mar. 25, 1947. Republished Apr. 13.

CLASS 20

Floor and wall coverings, Decorated hard surface. Armstrong Cork Company. 414,804, June 26, 1945. Republished Apr. 13.
Floor covering, Hard surfaced. Armstrong Cork Company. 430,803, June 24, 1947. Republished Apr. 13.

CLASS 21

Apparatus and equipment for use in paging service. Autocall Company. 267,132, Feb. 11, 1930. Republished Apr. 13.
Batteries, Electric storage. Power-Plus Battery Company. 243,032, June 12, 1928. Republished Apr. 13.
Clutches or couplings, Electro-magnetic. Dynamatic Corporation. 419,309, Feb. 12, 1946. Republished Apr. 13.
Dust collectors, Electric. Breuer Electric Mfg. Co. 426,446, Dec. 24, 1946. Republished Apr. 13.
Electric drives. Dynamatic Corporation. 409,713, Oct. 17, 1944. Republished Apr. 13.
Fixtures, Electric lighting. Edwin F. Guth Company. 352,394, Nov. 30, 1937. Republished Apr. 13.
Fixtures, Electric lighting. Edwin F. Guth Company. 362,223, Nov. 15, 1938. Republished Apr. 13.
Fixtures, Electric lighting. Edwin F. Guth Company. 407,485, June 6, 1944. Republished Apr. 13.
Hot plates or stoves, Electric. Hill-Shaw Company. 416,009, Aug. 21, 1945. Republished Apr. 13.
Insulators of glass, Electrical. Armstrong Cork Company. 382,463, Oct. 29, 1940. Republished Apr. 13.
Loud speakers for wireless telephony. Electrical Manufacturing & Plating Company. 284,216, renewed Oct. 18, 1947. O. G. Apr. 13.
Markers and etchers, Electric. Breuer Electric Mfg. Co. 426,445, Dec. 24, 1946. Republished Apr. 13.
Motor-clutches, including motors and controls therefor, Electric. Dynamatic Corporation. 373,583, Dec. 12, 1939. Republished Apr. 13.
Motors, Electrical. Brown-Brockmeyer Company. 429,008, Apr. 15, 1947. Republished Apr. 13.
Motors, Electrically operated. Small Motors, Inc. 412,044, Feb. 13, 1945. Republished Apr. 13.
Terminals and contacts, Electric. Ampco Metal, Inc. 428,384, Mar. 25, 1947. Republished Apr. 13.
Terminals and contacts, electric trolley shoes, etc., Electric. Ampco Metal, Inc. 426,942, Jan. 21, 1947. Republished Apr. 13.

CLASS 22

Amusement game apparatus, Coin controlled. Kruse & Connor. 426,581, Dec. 31, 1946. Republished Apr. 13.
Fishing-rods, Steel. Horton Manufacturing Company. 50,916, Apr. 3, 1906. Republished Apr. 13.
Golf bags. Henry Hotze & Sons Company. 428,917, Apr. 8, 1947. Republished Apr. 13.
Golf balls. Worthington Ball Company. 430,723, June 24, 1947. Republished Apr. 13.
Reels for fishing-rods. Horton Manufacturing Company. 117,560, July 17, 1917. Republished Apr. 13.
Toy constructing and erecting sets. Cinderella Manufacturing Company. 428,558, Mar. 25, 1947. Republished Apr. 13.
Toy painting kits. R. E. Grossman. 438,369, Apr. 13; Serial No. 508,723.

CLASS 23

Agricultural implements and hand tools, etc., Hand. American Fork & Hoe Company. 398,379, Oct. 27, 1942. Republished Apr. 13.
Axes, hammers, hatchets, etc. American Fork & Hoe Company. 409,831, Oct. 24, 1944. Republished Apr. 13.
Blades, Hacksaw. E. C. Atkins and Company. 388,082, June 10, 1941. Republished Apr. 13.
Boring machines, precision grinding machines, etc., Precision. Heald Machine Company. 382,468, Oct. 29, 1940. Republished Apr. 13.
Bushings for supporting tools in tool holders, Adapter. H. C. Clatfelter and Company. 438,161, Apr. 13; Serial No. 489,160, published Jan. 13, 1948.
Cleaning guns. Southern Supply Co. 424,461, Oct. 8, 1946. Republished Apr. 13.
Cork-screw. Korkmaster Company. 438,188, Apr. 13; Serial No. 500,758, published Jan. 13, 1948.
Cranes. Colby Steel and Engineering Co. 177,012, Dec. 11, 1923. Republished Apr. 13.
Crushers, shredders, breakers, etc. Gruendler Patent Crusher and Pulverizer Company. 239,231, renewed Feb. 28, 1948. O. G. Apr. 13.
Crushers, shredders, breakers, etc. Gruendler Patent Crusher and Pulverizer Company. 239,233, renewed Feb. 28, 1948. O. G. Apr. 13.
Crushers, shredders, breakers, etc. Gruendler Patent Crusher and Pulverizer Company. 240,680, renewed Apr. 3, 1948. O. G. Apr. 13.
Cultivators, Flame. Fijelen Research and Development Company. 438,173. Apr. 13; Serial No. 495,370, published Jan. 13, 1948.
Doublers, cheese winders, magazine creels, etc. Foster Machine Company. 402,319, July 13, 1943. Republished Apr. 13.
Extractors, Fruit juice. National Die Casting Company. 399,344, Dec. 29, 1942. Republished Apr. 13.
Fixture for hand operated portable power driven saws. M. W. Coleman. 438,168–9, Apr. 13; Serial No. 492,988, published Jan. 13, 1948.
Gas turbines, axial flow compressors, accessories, etc. Northrop Hendy Co. 438,180, Apr. 13; Serial No. 499,344, published Jan. 13, 1948.
Gliding-wheel, Hand-operated. W. H. Coe Manufacturing Co. 66,733–5, rerenewed Dec. 24, 1947. O. G. Apr. 13.
Grease guns, Portable. Pressurelube, Inc. 375,746. Feb. 27, 1940. Republished Apr. 13.
Knives, razor knives, and spoons, Pocket. Gits Molding Corporation. 436,125, Jan. 20, 1948. Corrected. O. G. Apr. 13.
Knives, shears, etc., Carving, table, and pocket. Academy Award Products, Inc. 438,184. Apr. 13; Serial No. 500,350, published Jan. 13, 1948.
Lathes and parts thereof, Metal spinning. Haag Machine Company. 438,227, Apr. 13; Serial No. 511,942, published Jan. 13, 1948.
Loader, Continuous belt. Athey Truss Wheel Co. 438,362, Apr. 13; Serial No. 487,163.
Loaders and stackers, Tractor mounted. Superior Separator Company. 422,679, Aug. 6, 1946. Republished Apr. 13.

Lubricant feeder valves for centralised lubricating systems and parts thereof. Stewart-Warner Corporation. 438,151, Apr. 13; Serial No. 478,725, published Jan. 13, 1948.
Lubricant fittings. Lincoln Engineering Company. 402,980, Aug. 24, 1943. Republished Apr. 13.
Lubricating apparatus, Portable and stationary. Lincoln Engineering Company. 427,552, Feb. 11, 1947. Republished Apr. 13.
Machines for labeling, marking, feeding, etc. Artos Engineering Company. 359,028, Aug. 2, 1938. Republished Apr. 13.
Machines mounted on a frame for sawing logs, etc. C. Schurman. 438,273, Apr. 13; Serial No. 518,485, published Jan. 13, 1948.
Plate bending rolls, gear reducers, log washers, crushing rolls, etc. Webb Corporation. 438,257, Apr. 13; Serial No. 516,592, published Jan. 13, 1948.
Pumps and compressors, Rotary. Robbins & Myers, Inc. 427,446, Feb. 11, 1947. Republished Apr. 13.
Pumps, Fuel oil. Automatic Products Company. 380,040, Aug. 6, 1940. Republished Apr. 13.
Razors, scissors, shears, and knives. Pearlduck, Inc. 438,271, Apr. 13; Serial No. 518,364, published Jan. 13, 1948.
Rolls, roll covers, cots, etc., Finished and substantially finished. Armstrong Cork Products Company. 362,757, Nov. 29, 1938. Republished Apr. 13.
Saws, trowels, corn knives, etc. E. C. Atkins and Company. 416,952–3, Oct. 9, 1945. Republished Apr. 13.
Scrapers. Peterson Filters and Engineering Co. 438,361, Apr. 13; Serial No. 461,418.
Soda fountains, Manually operated. Spacarb, Inc. 438,287, Apr. 13; Serial No. 520,064, published Jan. 13, 1948.
Taps, dies, saws, etc. Hy-Pro Tool Company. 438,158, Apr. 13; Serial No. 487,368, published Jan. 13, 1948.
Tools and equipment, Servicing and maintenance. Airplane Manufacturing & Supply Corporation. 438,145–6, Apr. 13; Serial Nos. 467,221–2, published Jan. 13, 1948.
Tools, Hand. Penn Tool Co., Inc. 438,200, Apr. 13; Serial No. 504,999, published Jan. 13, 1948.
Tools, Metal cutting. Microbore Company. 438,247, Apr. 13; Serial No. 515,123, published Jan. 13, 1948.
Valves. Dynamatic Corporation. 419,310, Feb. 12, 1946. Republished Apr. 13.
Wheels to be used on hand trucks, dollies, cranes, etc., Molded plastic. Rapids-Standard Company, Inc. 438,215. Apr. 13; Serial No. 509,876, published Jan. 13, 1948.
Wrenches, Set screw. Radio Corporation of America. 438,358, Apr. 13; Serial No. 525,950, published Jan. 13, 1948.

CLASS 24

Ironing tables and ironing table pad and cover sets. J. R. Clark Company. 500,062, Apr. 13; Serial No. 530,376, published Jan. 27, 1948.
Pads and covers, Ironing board. Lamco Products Co. 230,521, renewed July 26, 1947. O. G. Apr. 13.
Racks, Clothes drying. J. R. Clark Company. 500,065. Apr. 13; Serial No. 530,381, published Jan. 27, 1948.

CLASS 25

Padlocks. Master Lock Company. 416,623, Sept. 25, 1945. Republished Apr. 13.

CLASS 26

Adding and calculating machines. Felt and Tarrant Manufacturing Company. 413,581, May 1, 1945. Republished Apr. 13.
Cameras. E. J. Spatz. 438,331, Apr. 13; Serial No. 524,831, published Jan. 20, 1948.
Dynamometers. Dynamatic Corporation. 425,108, Nov. 5, 1946. Republished Apr. 13.
Frames, Spectacle. Style-Rite Optical Corporation. 438,266, Apr. 13; Serial No. 517,944, published Jan. 20, 1948.
Gauges, Gas pressure. Victor Equipment Co. 438,305, Apr. 13; Serial No. 523,098, published Jan. 20, 1948.
Gauges, headlight testers, and brake testers, Alinement. Bear Manufacturing Company. 427,287–8, Feb. 4, 1947. Republished Apr. 13.
Graduates and measuring cups. Sanit-All Products Corporation. 438,268, Apr. 13; Serial No. 518,046, published Jan. 20, 1948.
Motion picture films. J. J. Balaber. 438,270, Apr. 13; Serial No. 518,270, published Jan. 20, 1948.
Motion picture films, Series of. C. Dudley. 438,284, Apr. 13; Serial No. 520,018, published Jan. 20, 1948.
Motion picture photoplays. Liberty Films, Inc. 438,258, Apr. 13; Serial No. 516,622, published Jan. 20, 1948.
Paper, Light-sensitive. Haloid Company. 438,319, Apr. 13; Serial No. 524,458, published Jan. 20, 1948.
Photographic cameras and camera accessories. J. Brand. 438,343, Apr. 13; Serial No. 525,294, published Jan. 20, 1948.
Photographic films. I. G. Farbenindustrie Aktiengesellschaft. 266,994, Feb. 11, 1930. Republished Apr. 13.
Photographic goods. General Aniline & Film Corporation. 382,058, Oct. 15, 1940. Republished Apr. 13.
Photographic lenses. Wollensak Optical Company. 424,390–1, Oct. 1, 1946. Republished Apr. 13.
Shutter operating attachment for cameras. L. Keresztes. 438,311, Apr. 13; Serial No. 523,899, published Jan. 20, 1948.
Splicers, Motion picture film. S. L. Wittenberg. 438,301, Apr. 13; Serial No. 521,708, published Jan. 20, 1948.
Template. Timely Products Company. 438,298, Apr. 13; Serial No. 521,486, published Jan. 20, 1948.

CLASS 27

Clocks, striking clocks, men's and ladies' watches. C. D. Peacock, Inc. 438,353, Apr. 13; Serial No. 525,669, published Dec. 23, 1947.
Watches. Kelbert Watch Company, Inc. 436,274, Apr. 13; Serial No. 518,764, published Jan. 27, 1948.
Watches and clocks. R. H. Ingersoll & Bro. 47,471, Nov. 7, 1905. Corrected. O. G. Apr. 13.
Watches and clocks. R. H. Ingersoll & Bro. 49,237, Jan. 30, 1906. Corrected. O. G. Apr. 13.
Watches, chronographs with automatic calender. Stols, Freres, S. A. Manufacture D' Horiogerie Angelus. 438,349, Apr. 13; Serial No. 525,418, published Jan. 27, 1948.
Watches, watch cases, and watch movements. Gruen Watch Company. 438,261, Apr. 13; Serial No. 516,976, published Jan. 27, 1948.
Watches, watch cases, and watch-parts. W. Aronheim. 438,354, Apr. 13; Serial No. 525,763, published Jan. 13, 1948.

CLASS 28

Flatware, Sterling silver. R. Wallace & Sons Manufacturing Company. 438,336–40, Apr. 13; Serial Nos. 525,164–8, published Jan. 20, 1948.
Pearls, Simulated. H. & S. Originals. 438,162, Apr. 13; Serial No. 489,666, published Sept. 17, 1946.
Rings, compacts, Finger. Meyer Jewelry Company. 438,245, Apr. 13; Serial No. 514,372, published Sept. 30, 1947.
Stays, Collar. Crest Specialty, Not Inc. 422,690, Aug. 6, 1946. Republished Apr. 13.

CLASS 29

Brooms. Armstrong Grocery Company. 438,262, Apr. 13; Serial No. 517,229, published Jan. 20, 1948.
Brushes, Bottle. Sanit-All Products Corporation. 438,265, Apr. 13; Serial No. 517,870, published Jan. 20, 1948.
Brushes, Polishing. S. C. Johnson & Son. 176,053, Nov. 13, 1923. Republished Apr. 13.
Brushes, Shaving. Durobuilt Brush Mfg. Co. 438,185, Apr. 13; Serial No. 500,465, published Jan. 13, 1948.
Brushes, Tooth and toilet. John Freeman & Company Limited. 438,260, Apr. 13; Serial No. 516,973, published Jan. 27, 1948.
Cleaning unit, Shoe. C. J. Leisy & Associates. 438,243, Apr. 13; Serial No. 514,364, published Jan. 20, 1948.
Handles, Scrub brush clamp. Itsa Mfg. Co. 438,326, Apr. 13; Serial No. 524,708, published Jan. 13, 1948.
Mops, Floor. Acme Chemical Company. 420,507, Apr. 16, 1946. Republished Apr. 13.

CLASS 31

Coolers, Milk. International Harvester Company. 416,825, Oct. 2, 1945. Republished Apr. 13.

CLASS 32

Cabinets, Filing. General Fireproofing Co. 424,652, Oct. 15, 1946. Republished Apr. 13.
Cabinets, stands, Visible record. Acme Visible Records, Inc. 416,124, Aug. 28, 1945. Republished Apr. 13.
Cases, Transportable filing. Amberg File and Index Company. 427,177, Jan. 28, 1947. Republished Apr. 13.
Furniture, Office, store, hospital, and bank. General Fireproofing Company. 286,715, Sept. 1, 1931. Republished Apr. 13.
Tables, desks secretaries, bookcases, etc., Dining, coffee, end, drum, drop leaf and console. Kaplan Furniture Company. 352,408, Nov. 30, 1937. Republished Apr. 13.
Trays, steel desk trays, filing shelves, etc., Wood desk. Globe Wernicke Co. 418,881, Jan. 15, 1946. Republished Apr. 13.

CLASS 34

Burners and parts thereof, Oil. Harvey-Whipple Incorporated. 438,177, Apr. 13; Serial No. 498,629, published Dec. 23, 1947.
Duct sections, Prefabricated. Arrowhead Rubber Company. 424,941, Oct. 29, 1946. Republished Apr. 13.
Fireplace structures. Bennett-Ireland. 438,171, Apr. 13; Serial No. 493,734, published Dec. 30, 1947.
Generators, Steam. Southern Supply Co. 415,447, Aug. 7, 1945. Republished Apr. 13.
Heaters, Electric and gas water. A. O. Smith Corporation. 394,992–3, May 5, 1942. Republished Apr. 13.
Lighters for cigarettes, Pyrophoric. General Research Company. 438,170, Apr. 13; Serial No. 493,342, published Dec. 23, 1947.

Lighters, Pyrophoric catalytic and pilot. Beattie Products, Inc. 415,815, Aug. 14, 1945. Republished Apr. 13.
Plates or stoves, Gas hot. Hill-Shaw Company. 416,010, Aug. 21, 1945. Republished Apr. 13.
Radiators. Grinnell Company, Inc. 242,217, renewed May 15, 1948. O. G. Apr. 13.
Stoves and ranges, Gas. Geo. D. Roper Corporation. 438,191, Apr. 13; Serial No. 502,155, published Dec. 23, 1947.

CLASS 35

Belts, Power transmission. Gates Rubber Company. 420,423, Apr. 9, 1946. Republished Apr. 13.
Belts, Power transmission. Gates Rubber Company. 425,290, Nov. 12, 1946. Republished Apr. 13.
Brake lining. Bendix Aviation Corporation. 421,177, May 21, 1946. Republished Apr. 13.
Gaskets, washers, rings and discs. Armstrong Cork Company. 415,001, July 10, 1945. Republished Apr. 13.
Gum for use in making vulcanized tire and tube repairs, Mold. Mohawk Rubber Company. 438,300, Apr. 13; Serial No. 521,674, published Jan. 13, 1948.
V-belts. Gates Rubber Company. 419,658, Feb. 26, 1946. Republished Apr. 13.

CLASS 36

Phonograph record blanks. Wilcox-Gay Corporation. 438,179, Apr. 13; Serial No. 499,298, published Jan. 20, 1948.
Phonograph records, Mechanically grooved. Richard Bradley. 438,205, Apr. 13; Serial No. 507,366, published Jan. 13, 1948.
Phonograph records, Mechanically grooved. Henry Holt and Company. 438,252, Apr. 13; Serial No. 516,076, published Jan. 20, 1948.
Pianos. Horace Waters Piano Company, Inc. 429,155, Apr. 22, 1947. Republished Apr. 13.
Resin for use on stringed musical instruments. L. P. Balmforth & Son. 438,196, Apr. 13; Serial No. 504,025, published Jan. 13, 1948.
Ukuleles. S. K. Kamaka. 239,259, renewed Feb. 28, 1948. O. G. Apr. 13.

CLASS 37

Card system, Filing. Pure Oil Company. 397,697, Sept. 15, 1942. Republished Apr. 13.
Envelope and writing paper, Combined. R. T. Lacey. 438,229, Apr. 13; Serial No. 512,424, published Jan. 20, 1948.
Inkstands and inkwells. Sengbusch Self-Closing Ink Stand Company. 382,833, Nov. 12, 1940. Republished Apr. 13.
Paper. Graphic Arts Corporation of Ohio. 415,804, Aug. 14, 1945. Republished Apr. 13.
Paper and correspondence envelopes, Writing and printing. F. W. Woolworth Co. 438,199, Apr. 13; Serial No. 504,815, published Jan. 20, 1948.
Paper, envelops, visiting-cards, etc. Tiffany & Co. 30,599, re-renewed Oct. 5, 1947. O. G. Apr. 13.
Paper, Wall. Star-Peerless Wall Paper Mills. 438,154, Apr. 13; Serial No. 483,093, published Jan. 20, 1948.
Paper, Waxed. Paterson Parchment Paper Co. 237,093, renewed Jan. 3, 1948. O. G. Apr. 13.
Paper, Wrapping. Crown Zellerbach Corporation. 414,800, June 26, 1945. Republished Apr. 13.
Paper, Writing. P. J. Schweitzer, Inc. 418,782, Jan. 8, 1946. Republished Apr. 13.
Paper, Writing. P. J. Schweitzer, Inc. 419,935, Mar. 12, 1946. Republished Apr. 13.
Paper, Writing. P. J. Schweitzer, Inc. 422,087, July 2, 1946. Republished Apr. 13.
Papeteries, i. e., stationery comprising envelopes and/or paper, etc. Western Tablet & Stationery Corporation. 438,360, Apr. 13; Serial No. 526,150, published Jan. 20, 1948.
Pencils, Wood encased lead. Richard Best Pencil Company, Inc. 438,332, Apr. 13; Serial No. 524,899, published Jan. 20, 1948.
Pencils, Wood-encased lead and colored. Richard Best Pencil Company, Inc. 438,333, Apr. 13; Serial No. 524,902, published Jan. 20, 1948.
Pens, Fountain. Cleevelandt Corporation. 500,102, Apr. 13; Serial No. 507,801.
Pens, mechanical pencils and desk sets, Fountain. Parker Pen Company. 421,973, June 25, 1946. Republished Apr. 13.
Pens, mechanical pencils, and desk sets, Fountain. Parker Pen Company. 427,076, Jan. 28, 1947. Republished Apr. 13.
Tape, Gummed. Crown Zellerbach Corporation. 419,500, Feb. 19, 1946. Republished Apr. 13.
Tissue fruit wraps. Crown Zellerbach Corporation. 413,567, May 1, 1945. Republished Apr. 13.
Wallpapers. Imperial Paper and Color Corporation. 438,248, Apr. 13; Serial No. 515,179, published Jan. 20, 1948.

CLASS 38

Department or section of a weekly magazine. Weekly Publications, Inc. 390,621–2, Sept. 30, 1941. Republished Apr. 13.
Magazine, Periodically published illustrated. Niles-Bement-Pond Company. 382,815, Nov. 12, 1940. Republished Apr. 13.
Magazine, Weekly. Weekly Publications, Inc. 385,859, Mar. 18, 1941. Republished Apr. 13.
Periodical. Scholastic Corporation. 500,103, Apr. 13; Serial No. 509,881.
Periodical published monthly. Electronic Development Associates. 500,100, Apr. 13; Serial No. 500,531.
Prints, Blue. Spaulding-Moss Company. 354,366, Feb. 8, 1938. Republished Apr. 13.
Prints of mechanical drawings, architects' plans, and like designs. Graphic Arts Corporation of Ohio. 416,617, Sept. 25, 1945. Republished Apr. 13.
Publication, Monthly. P. Ballantine & Sons. 420,248, Apr. 2, 1946. Republished Apr. 13.
Publications, Periodical. Bureau of National Affairs, Inc. 500,101, Apr. 13; Serial No. 505,871.
Scripts for monologues, dialogues, sketches, and radio broadcasts. Flower Foods, Inc. 425,136, Nov. 5, 1946. Republished Apr. 13.

CLASS 39

Boots and shoes. Applebaum-Mautner Company, Inc. 237,210, renewed Jan. 3, 1948. O. G. Apr. 13.
Boots and shoes. Endicott Johnson Company. 68,952, re-renewed May 12, 1948. O. G. Apr. 13.
Braces and suspenders. Pioneer Suspender Company. 429,868, May 20, 1947. Republished Apr. 13.
Clothing, Boys' and men's. Shirtcraft Company, Inc. 239,603–4, renewed Mar. 6, 1948. O. G. Apr. 13.
Coats and capes and suits, etc., Women's and misses' outer. Marshall Field & Company. 395,751, June 9, 1942. Republished Apr. 13.
Coats and men's overcoats, Men's sack. Stein-Bloch Co. 217,425, Aug. 31, 1926. Republished Apr. 13.
Coats, Children's. Scher & Feldman, Inc. 438,293, Apr. 13; Serial No. 520,833, published Dec. 30, 1947.
Coats, vests, and suits, Men's. Rosenberg Bros. & Co. 135,525, Oct. 12, 1920. Republished Apr. 13.
Coats, vests, pants, and overcoats, Men's. Rosenberg Bros. & Co. 130,566, Apr. 27, 1920. Republished Apr. 13.
Coats, vests, pants, and overcoats, Men's. Rosenberg Bros. & Co. 131,223, May 4, 1920. Republished Apr. 13.
Coats, vests, pants, and overcoats, Men's. Rosenberg Bros. & Co. 131,225–6, May 4, 1920. Republished Apr. 13.
Coats, vests, pants, and overcoats, Men's. Rosenberg Bros. & Co. 135,526, Oct. 12, 1920. Republished Apr. 13.
Coats, vests, pants, etc., Men's. Rosenberg Bros. & Co. 194,476, Jan. 27, 1925. Republished Apr. 13.
Coats, vests, pants, etc., Men's. Rosenberg Bros. & Co. 218,194, Sept. 21, 1926. Republished Apr. 13.
Corsets, corselets, and girdles. Franco Corset Company. 427,657, Feb. 18, 1947. Republished Apr. 13.
Creepers and knitted suits, Infants' knitted. Manchester Knitted Fashions, Inc. 421,698, June 11, 1946. Republished Apr. 13.
Dresses, blouses, dickeys, etc., Misses', women's, and junior misses'. Harwill Blouse Co., Inc. 403,512, Sept. 28, 1943. Republished Apr. 13.
Dresses, Women's, misses', and children's. Rice-Stix Dry Goods Company. 241,228, renewed Apr. 17, 1948. O. G. Apr. 13.
Gloves. Pioneer Suspender Company. 430,630, June 17, 1947. Republished Apr. 13.
Gloves, Rubber household. Armstrong Cork Company. 381,603, Oct. 1, 1940. Republished Apr. 13.
Handkerchiefs. Peerless Wolfson Company. 413,269. Apr. 17, 1945. Republished Apr. 13.
Hats and caps, Men's. Rogers Peet Company. 137,387. Nov. 23, 1920. Republished Apr. 13.
Hosiery. Phoenix Hosiery Company. 419,618, Feb. 26, 1946. Republished Apr. 13.
Hosiery. Phoenix Hosiery Company. 429,773, May 20, 1947. Republished Apr. 13.
Hosiery. Regal Shoe Company. 424,304, Oct. 1, 1946. Republished Apr. 13.
Hosiery. Vestal Mills, Incorporated. 429,893, May 20, 1947. Republished Apr. 13.
Hosiery for men and boys. Rogers Peet Company. 125,513, May 20, 1919. Republished Apr. 13.
Mackintoshes and raincoats. Rogers Peet Company. 189,286, Sept. 16, 1924. Republished Apr. 13.
Pajamas. Rogers Peet Company. 121,004, Mar. 19, 1918. Republished Apr. 13.
Pajamas. Rogers Peet Company. 121,007, Mar. 19, 1918. Republished Apr. 13.
Shoes. Cannon Shoe Company. 438,288, Apr. 13; Serial No. 520,143, published Nov. 4, 1947.
Shoes. Florsheim Shoe Company. 240,767, renewed Apr. 10, 1948. O. G. Apr. 13.
Shoes. E. P. Reed & Co. 327,820, Sept. 3, 1935. Republished Apr. 13.
Shoes, Leather. Rogers Peet Company. 126,893, Oct. 7, 1919. Republished Apr. 13.

Shoes, Men's, boys', little gents', etc. E. T. Wright & Company, Inc. 350,988, Oct. 12, 1937. Republished Apr. 13.
Shoes, Men's leather. Rogers Peet Company. 142,316, May 10, 1921. Republished Apr. 13.
Skirts, shirts, shorts, etc., Women's, misses', and junior. Century Sportswear Co., Inc. 430,651, June 17, 1947. Republished Apr. 13.
Suits, coats, and jackets, Men's and women's. London, Midland & Scottish Imports, Ltd. 416,317, Sept. 4, 1945. Republished Apr. 13.
Suits, overcoats, outer shirts, etc., Men's and boys'. Rogers Peet Company. 393,092, Jan. 27, 1942. Republished Apr. 13.
Ulsters and overcoats, Men's. Rosenberg Bros. & Co. 155,809, June 6, 1922. Republished Apr. 13.
Underwear, drawers, tights, etc. Chas. A. Stevens & Bros. 237,181, renewed Jan. 3, 1948. O. G. Apr. 13.
Wearing apparel, Women's. Lowenthal-Gardiner. 438,231, Apr. 13; Serial No. 512,514, published Dec. 23, 1947.

CLASS 40

Elastic fabrics, Narrow. Thomas Taylor & Sons, Inc. 386,861, Apr. 22, 1941. Republished Apr. 13.
Straps and buckles, Wrist watch. Pioneer Suspender Company. 429,032, Apr. 15, 1947. Republished Apr. 13.

CLASS 42

Canvas by the yard or as piece goods. Eveready Canvas Corporation. 500,074, Apr. 13; Serial No. 528,617, published Dec. 23, 1947.
Canvas, Pastry. Marshall Field & Company. 394,789, Apr. 28, 1942. Republished Apr. 13.
Fabrics and curtains, Curtain. Powdrell & Alexander, Inc. 438,289, Apr. 13; Serial No. 520,178, published Nov. 11, 1947.
Fabrics and tubing, Coated. Bemis Bro. Bag Company. 428,425, Mar. 25, 1947. Republished Apr. 13.
Piece goods. American Woolen Company. 411,855, Feb. 6, 1945. Republished Apr. 13.
Piece goods. American Woolen Company. 415,876, Aug. 21, 1945. Republished Apr. 13.
Piece goods. M. & W. Thomas Co. 418,667, Jan. 8, 1946. Republished Apr. 13.
Piece goods composed wholly or partly of wool, Flat. American Woolen Company. 416,192, Sept. 4, 1945. Republished Apr. 13.
Piece goods, Cotton. Bemis Bro. Bag Company. 369,788, Aug. 1, 1939. Republished Apr. 13.
Piece goods, Worsted and pure silk. M. & W. Thomas Corporation. 382,216, Oct. 22, 1940. Republished Apr. 13.
Rugs, carpets and pile fabrics in the piece. Estate of O. Timme. 390,325, Sept. 16, 1941. Republished Apr. 13.
Sheets and sheeting in the piece, pillow cases, and tubing, etc. Marshall Field & Company. 395,421, May 26, 1942. Republished Apr. 13.

CLASS 43

Thread, Sewing. Bemis Bro. Bag Company. 423,429. Sept. 3, 1946. Republished Apr. 13.
Threads and yarn. Lily Mill & Power Co. 237,163, renewed Jan. 3, 1948. O. G. Apr. 13.

CLASS 44

Bottles, Water. Armstrong Cork Company. 383,441, Dec. 10, 1940. Republished Apr. 13.
Casting gold for dentists' use. Julius Aderer, Inc. 438,286, Apr. 13; Serial No. 520,039, published Jan. 20, 1948.
Hearing aids. Maico Company, Incorporated. 423,993, Sept. 17, 1946. Republished Apr. 13.
Hearing aids. Maico Company, Incorporated. 424,028, Sept. 17, 1946. Republished Apr. 13.
Inhalers. Smith, Kline & French Laboratories. 438,149, Apr. 13; Serial No. 473,231, published Apr. 24, 1945.
Rugs molds. Columbus Dental Manufacturing Co. 236,162, renewed Dec. 6, 1947. O. G. Apr. 13.
Sutures and ligatures. Johnson & Johnson. 438,277–9, Apr. 13; Serial Nos. 519,333–5, published Jan. 20, 1948.

CLASS 45

Cranberry juice. Cranberry Canners, Inc. 381,246, Sept. 17, 1940. Republished Apr. 13.
Flavor bases. Nell's Flavor Laboratory. 415,006, July 10, 1945. Republished Apr. 13.
Syrup, Root beer. Chain Store Root Beer Co., Inc. 295,475, July 5, 1932. Republished Apr. 13.

CLASS 46

Barley, Pearled. Quaker Oats Company. 240,242, renewed Mar. 20, 1948. O. G. Apr. 13.
Beverage, Milk and chocolate. Joe Lowe Co., Inc. 239,921, renewed Mar. 13, 1948. O. G. Apr. 13.
Bread, Loaf. Spaulding Bakeries, Inc. 438,365, Apr. 13; Serial No. 504,518.
Broth powder. J. F. Gorman. 393,059, Jan. 27, 1942. Republished Apr. 13.
Butter. Great Atlantic & Pacific Tea Company. 500,069, Apr. 13; Serial No. 527,595, published Jan. 20, 1948.
Candy. Atlantic Food Products. 438,355, Apr. 13; Serial No. 525,764, published Jan. 20, 1948.
Candy. Lafond Chocolatier. 438,212, Apr. 13; Serial No. 509,352, published Jan. 20, 1948.
Canned fish. Kelley-Clarke Company. 438,157, Apr. 13; Serial No. 486,307, published Jan. 20, 1948.
Canned prepared food products. W. H. Lambert. 438,314, Apr. 13; Serial No. 524,065, published Jan. 20, 1948.
Canned vegetables and fruits, and frozen deciduous fruits. Stayton Canning Co., Co-Operative. 438,239, Apr. 13; Serial No. 513,345, published Jan. 27, 1948.
Chewing gum. American Chewing Products Corp. 438,366, Apr. 13; Serial No. 505,881.
Chocolate and cocoa, Ground. D. Ghirardelli Co. 426,159, Dec. 17, 1946. Republished Apr. 13.
Chocolate, cocoa, and chocolate, Ground. D. Ghirardelli Co. 426,706, Jan. 7, 1947. Republished Apr. 13.
Chocolate, cocoa, bitter sweet chocolate, etc., Ground. D. Ghirardelli Co. 438,352, Apr. 13; Serial No. 525,587, published Jan. 27, 1948.
Coffee. Hills Bros. Coffee, Inc. 426,374–5, Dec. 24, 1946. Republished Apr. 13.
Composition to be added to milk and milk products. St. Louis Laboratories. 419,389, Feb. 12, 1946. Republished Apr. 13.
Dextrose. F. A. Zürich. 438,325, Apr. 13; Serial No. 524,642, published Jan. 13, 1948.
Eggs. Great Atlantic & Pacific Tea Company. 500,067, Apr. 13; Serial No. 527,529, published Jan. 20, 1948.
Feed, egg laying mash feed, etc. Scratch. Great Atlantic & Pacific Tea Company. 500,064, Apr. 13; Serial No. 527,405, published Jan. 27, 1948.
Feed for livestock and poultry. P. J. Geerlings. 438,226, Apr. 13; Serial No. 511,807, published Jan. 20, 1948.
Feed, Stock and poultry. Charleston Milling & Produce Company. 242,373, May 22, 1928. Republished Apr. 13.
Feed supplement and concentrates, Live stock and poultry. R. G. Mason. 438,317, Apr. 13; Serial No. 524,339, published Jan. 27, 1948.
Feeds. Pillsbury Flour Mills Company. 414,410, June 12, 1945. Republished Apr. 13.
Flavoring mixtures of fruit and/or syrup for ice cream. Blanke-Baer Extract & Preserving Company. 383,146, Nov. 26, 1940. Republished Apr. 13.
Flour. Pillsbury Flour Mills Company. 382,933–4, Nov. 19, 1940. Republished Apr. 13.
Flour. Quaker Oats Company. 67,483, re-renewed Feb. 4, 1948. O. G. Apr. 13.
Flour, rye, meal, etc., Whole wheat. Fruen Milling Company. 419,574, Feb. 26, 1946. Republished Apr. 13.
Flour, Self-rising. Great Atlantic & Pacific Tea Company. 500,063, Apr. 13; Serial No. 527,367, published Jan. 27, 1948.
Flour, Wheat. Charleston Milling Company. 389,062, July 22, 1941. Republished Apr. 13.
Flour, Wheat. Standard Milling Company. 425,605, Nov. 26, 1946. Republished Apr. 13.
Flours. Quaker Oats Company. 67,484–5, re-renewed Feb. 4, 1948. O. G. Apr. 13.
Food, Dog and cat. Rival Packing Company. 429,151, Apr. 22, 1947. Republished Apr. 13.
Food for dogs, cats, and other carnivorous animals, Prepared. Chappel Bros., Inc. 237,851, renewed Jan. 17, 1948. O. G. Apr. 13.
Food, Wheat breakfast. Wheatena Corporation. 500,070, Apr. 13; Serial No. 527,668, published Jan. 27, 1948.
Foods, Cereal breakfast. Fruen Milling Company. 409,130, Sept. 19, 1944. Republished Apr. 13.
Foods, Stock. Quaker Oats Company. 67,441–3, re-renewed Feb. 4, 1948. O. G. Apr. 13.
Fruit, Glacé. White-Stokes Company. 234,995, renewed Nov. 8, 1947. O. G. Apr. 13.
Fruits, Dried. Cured Fruit Association. 438,175, Apr. 13; Serial No. 498,117, published Jan. 27, 1948.
Jellies, jams, fruit butters, etc. Blanke-Baer Extract & Preserving Company. 422,018, June 25, 1946. Republished Apr. 13.
Lard, luncheon meat, etc. Sugardale Provision Company. 438,152, Apr. 13; Serial No. 480,722, published Jan. 20, 1948.
Matzos. Streit, Aron Inc. 438,283, Apr. 13; Serial No. 519,495, published Jan. 20, 1948.
Pickles, chow-chow, sauer-kraut, etc. H. J. Heinz Company. 67,934, Feb. 25, 1908. Republished Apr. 13.
Poults, Live turkey. Skyline Turkey Hatchery. 438,166, Apr. 13; Serial No. 492,525, published Jan. 13, 1948.
Preparation of malt and mineral salt. Barrett's Food Company Proprietary Limited. 438,294, Apr. 13; Serial No. 520,919, published Jan. 27, 1948.
Raisins. D. R. Hoak. 426,568, Dec. 31, 1946. Republished Apr. 13.
Sausages and imitation sausages, chili con carne, etc. J. & F. Schroth Packing Company. 236,173, renewed Dec. 6, 1947. O. G. Apr. 13.
Seasoning and coloring agent. Continental Coffee Company. 428,534, Mar. 25, 1947. Republished Apr. 13.
Shrimp, Fresh. Chicago and Southern Air Lines, Inc. 414,827, June 26, 1945. Republished Apr. 13.
Tea. New Orleans Import Co., Limited. 438,356, Apr. 13; Serial No. 525,930, published Jan. 20, 1948.
Vegetables, Fresh. E. L. Oliver. 438,309, Apr. 13; Serial No. 523,797, published Jan. 20, 1948.

CLASS 47

Wines and still wines, Sparkling. American Wine Company. 398,782, Nov. 24, 1942. Republished Apr. 13.

CLASS 48

Ale. Horlacher Brewing Company. 415,516, Aur. 7, 1945. Republished Apr. 13.
Ale. Minneapolis Brewing Company. 415,763, Aug. 14, 1945. Republished Apr. 13.
Beer. Minneapolis Brewing Company. 381,508, Sept. 24, 1940. Republished Apr. 13.
Beer. Minneapolis Brewing Company. 382,026, Oct. 15. 1940. Republished Apr. 13.
Beer. Minneapolis Brewing Company. 415,764, Aug. 14, 1945. Republished Apr. 13.
Beer and ale. Boston Beer Company. 415,083, July 10, 1945. Republished Apr. 13.

CLASS 49

Bitters, Alcoholic beverage. Sunset ,Incorporated. 422,213, July 9, 1946. Republished Apr. 13.
Liqueurs and cordials. Ste. De La Distillerie Du Supreme Fecamp. 67,104, re-renewed Jan. 14, 1948. O. G. Apr. 13.

CLASS 50

Cellulose sheets, Transparent acetate. Oakes & Company. 438,367-8, Apr. 13; Serial Nos. 506,683-4.
Closure caps. White Cap Company. 382,376, Oct. 29, 1940. Republished Apr. 13.
Fiberboard in sheet form. George O. Jenkins Company. 399,393, Jan. 5, 1943. Republished Apr. 13.
Laminae of plastic composition. J. M. Gordon. 438,363, Apr. 13; Serial No. 502,749.
Paper, envelopes, visiting-cards, etc. Tiffany & Co. 30,599, re-renewed Oct. 5, 1947. O. G. Apr. 13.
Shoe forms. Shoe Form Co. Inc. 233,052, renewed Sept. 20, 1947. O. G. Apr. 13.
Signs, Non-electrical advertising display. Federal Electric Company, Inc. 416,839, Oct. 2, 1945. Republished Apr. 13.
Tents, tarpaulins, and non-tailored waterproof fabric covers. Bemis Bro. Bag Company. 430,580, June 17, 1947. Republished Apr. 13.

LIST OF DESIGN PATENTEES

Achs, Nicholas, Detroit, Mich. Refrigerator. 149,240, Apr. 13.
Amity Manufacturing Corp., assignee: *See*— De Mott, Armand.
Armao, Humbert, Providence, R. I. Brooch or similar article. 149,241, Apr. 13.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 149,242, Apr. 13.
Bashaw, Willard M., and W. O. Dixon, Wichita, Kans. Velocipede. 149,243, Apr. 13.
Bashaw, Willard M., and W. O. Dixon, Wichita, Kans. Velocipede. 149,244, Apr. 13.
Beckett, Thomas G., Dallas, Tex. Fluorescent lighting fixture or similar article. 149,245, Apr. 13.
Beer, Leo, Kew Gardens, and H. Stern, New York, N. Y. Braid. 149,246, Apr. 13.
Boecking, Ewald, Great Kills, Staten Island, assignor to Manufacturers Machine & Tool Co., Inc., Mount Vernon, N. Y. Housing for a motion picture projector or similar article. 149,247, Apr. 13.
Brown, Violet, Wrentham, Mass., assignor to R. M. Jordan & Company, Inc. Desk ornament. 149,248, Apr. 13.
Brown, Violet, Wrentham, Mass., assignor to R. M. Jordan & Company, Inc. Desk ornament. 149,249, Apr. 13.
Chernow, Michael, New York, N. Y. Alphabet for forming monograms or the like. 149,250, Apr. 13.
Civita, Victor, New York, N. Y., assignor to Consolidated Cosmetics, Chicago, Ill. Combined display stand and perfume bottles. 149,251, Apr. 13.
Cobbs, Henry, Little River, Fla. Perfume diffuser. 149,252, Apr. 13.
Conroy, Edward J., assignor to The International Silver Company, Meriden, Conn. Spoon or other article of flatware. 149,253, Apr. 13.
Conroy, Edward J., assignor to The International Silver Company, Meriden, Conn. Spoon or other article of flatware. 149,254, Apr. 13.
Conroy, Edward J., assignor to The International Silver Company, Meriden, Conn. Spoon or other article of flatware. 149,255, Apr. 13.
Consolidated cosmetics, assignee: *See*— Civita, Victor.
Cookman, Helen C., assignor to M. E. Cookman, New York, N. Y. Lady's one-piece overall. 149,256, Apr. 13.
Cookman, Mary E., assignee: *See*— Cookman, Helen C.
Corey, James J., Elmhurst, N. Y. Water cooler or similar article. 149,257, Apr. 13.
Coro, Inc., assignee: *See*— Katz, Adolph.
Dabrowski, Alexandra A., assignor to The International Silver Company, Meriden, Conn. Spoon or other article of flatware. 149,258, Apr. 13.
Daniels, Elmer H., Pasadena, assignor to NA Mac Products Corp., Los Angeles, Calif. Grater. 149,259, Apr. 13.
Danz, Louella C., Detroit, Mich. Figurine. 149,260, Apr. 13.
De Mott, Armand, Fords, assignors to Amity Manufacturing Corp., Perth Amboy, N. J. Holder for a cylindrical fire extinguisher or similar article. 149,261, Apr. 13.
Dixon, Willis O.: *See*— Bashaw, Willard M., and Dixon.
Doolin, Royal, Newark, N. J. Illuminable horological instrument or similar article. 149,262, Apr. 13.
Duranol Products, Inc., assignee: *See*— Newman, Monroe H.
Ferber, Fred, Englewood, N. J., assignor to Rolla Ball Pen Corp., New York, N. Y. Fountain pen clip or similar article. 149,263, Apr. 13.
Firan Co., The, assignee: *See*— Fitch, Raymond L.
Fitch, Raymond L., West Los Angeles, assignor to The Firan Co., Santa Monica, Calif. Electric heater. 149,264, Apr. 13.
Fox West Coast Theatres Corporation, assignee: *See*— Moeller, Carl G. Walker, Albert R.
Grey, Lanny, New York, N. Y. Ash tray. 149,265, Apr. 13.
Gustafson, Wayne A., assignor to M. S. Aviation Co., Minneapolis, Minn. Portable electric space heater. 149,266, Apr. 13.
Henne, Julius A., Rochester, assignor to Webster Industries, Inc., New York, N. Y. Photographic film camera. 149,267, Apr. 13.
Herbst, John, New York, N. Y. Perfume bottle stopper or similar article. 149,268, Apr. 13.
Hiller, Harold J., Lancaster, Ohio. Hobbyhorse. 149,269, Apr. 13.
International Silver Company, The, assignee: *See*— Conroy, Edward J. Dabrowski, Alexandra A.
Jack & Heintz Precision Industries, Inc., assignee: *See*— Sonnhalter, John E.
Jordan, R. M., & Company, Inc., assignee: *See*— Brown, Violet.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Chatelaine brooch or similar article. 149,270, Apr. 13.
Kaufman, Herman, New York, N. Y. Embroidered trimming. 149,271, Apr. 13.
Kipness, Joe, New York, N. Y., assignor to Joe Kipness, Inc. Dress ensemble. 149,272, Apr. 13.
Kipness, Joe, Inc., assignee: *See*— Kipness, Joe.
Kompas, Charles, Milwaukee, Wis. Advertising plaque. 149,273, Apr. 13.
Lark, Forrest, assignee, et al.: *See*— Meyran, Laura R.
Lavine, Marianne L., Bala-Cynwyd, Pa. Sandglass. 149,274, Apr. 13.
Lederer, George J., Providence, R. I. Brooch or similar article. 149,275, Apr. 13.
Lederer, George J., Providence, R. I. Brooch or similar article. 149,276, Apr. 13.
Lederer, George J., Providence, R. I. Brooch or similar article. 149,277, Apr. 13.
Lederer, George J., Providence, R. I. Brooch or similar article. 149,278, Apr. 13.
Lederer, George J., Providence, R. I. Brooch or similar article. 149,279, Apr. 13.
Leva, Alexander, New York, N. Y. Book end. 149,280, Apr. 13.
Leva, Alexander, New York, N. Y. Book end. 149,281, Apr. 13.
Leva, Alexander, New York, N. Y. Book end. 149,282, Apr. 13.
Leva, Alexander, New York, N. Y. Book end. 149,283, Apr. 13.
Lewyt Corporation, assignee: *See*— Lippincott, Joshua G.
Lippincott, Joshua G., New York, N. Y., assignor to Victor Electric Products, Inc., Cincinnati, Ohio. Electric heater. 149,284, Apr. 13.
Lippincott, Joshua G., Scarsdale, assignor to Lewyt Corporation, Brooklyn, N. Y. Vacuum cleaner nozzle. 149,285, Apr. 13.
M. S. Aviation Co., assignee: *See*— Gustafson, Wayne A.
Malluk, Rose, Cliffside Park, N. J. Dress. 149,286, Apr. 13.
Malluk, Rose, Cliffside Park, N. J. Dress. 149,287, Apr. 13.
Manufacturers Machine & Tool Co., Inc., assignee: *See*— Boecking, Ewald.
Maxwell, Richard B., Brooklyn, N. Y. Combined tie clip and pencil. 149,288, Apr. 13.
McNutt, Clara E., Toledo, Ohio. Atomizer or the like. 149,289, Apr. 13.
Meyran, Laura R., assignor of one-half to S. N. Schein and F. Lark, Fresno, Calif. Vegetable and fruit peeler. 149,290, Apr. 13.
Moeller, Carl G., assignor to Fox West Coast Theatres Corporation, Los Angeles, Calif. Theatre. 149,291, Apr. 13.
Moore, Arthur T., Fayetteville, N. C. Building. 149,292, Apr. 13.
Morris, Harry, Chicago, Ill. Handbag or similar article. 149,293, Apr. 13.
Na Mac Products Corp., assignee: *See*— Daniels, Elmer H.
Newman, Monroe H., assignor to Duranol Products, Inc., Brooklyn, N. Y. Display stand or similar article. 149,294, Apr. 13.
Onondaga Pottery Company, assignee: *See*— Wigley, John T.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 149,295, Apr. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace or similar article. 149,296, Apr. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman and Fishel, Inc., New York, N. Y. Bracelet or similar article. 149,297, Apr. 13.
Philippe, Alfred, Scarsdale, assignor to Trifari, Krussman and Fishel, Inc., New York, N. Y. Bracelet or similar article. 149,298, Apr. 13.
Radinsky, Jules, Seattle, Wash. Electric irradiation device or the like. 149,299, Apr. 13.
Reinecke, Jean O., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Space heater casing. 149,300, Apr. 13.
Reinecke, Jean O., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Space heater casing. 149,301, Apr. 13.
Reinecke, Jean O., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Space heater casing. 149,302, Apr. 13.
Rolla Ball Pen Corp., assignee: *See*— Ferber, Fred.

Rosenfeld, John, Philadelphia, Pa. Sweater. 149,303, Apr. 13.
Rosenfeld, John, Philadelphia, Pa. Sweater. 149,304, Apr. 13.
Rosenfeld, John, Philadelphia, Pa. Sweater. 149,305, Apr. 13.
Rosenfeld, John, Philadelphia, Pa. Sweater. 149,306, Apr. 13.
Rosenfeld, John, Philadelphia, Pa. Sweater. 149,307, Apr. 13.
Schaad, Theodore A., Detroit, Mich. Airplane toy. 149,308, Apr. 13.
Schein, Sterling N., assignee, et al.: *See*—
Meyran, Laura R.
Schlesinger, Victor R., Los Angeles, Calif. Atomizer. 149,309, Apr. 13.
Schlumbohm, Peter, New York, N. Y. Water kettle. 149,310, Apr. 13.
Schreiber, Walter G., New York, N. Y. Brooch or similar article. 149,311, Apr. 13.
Schwartz, Morris, Sunnyside, N. Y. Temple member for spectacles or similar articles. 149,312, Apr. 13.
Sears, Roebuck and Co., assignee: *See*—
Reinecke, Jean O.
Shapiro, Beatrice A., Chicago, Ill. Perfume bottle 149,313, Apr. 13.
Shapiro, Beatrice A., Chicago, Ill. Perfume bottle. 149,314, Apr. 13.
Shapiro, Beatrice A., Chicago, Ill. Perfume bottle. 149,315, Apr. 13.
Shapiro, Beatrice A., Chicago, Ill. Perfume bottle. 149,316, Apr. 13.
Sonn, Lenore, New Haven, Conn. Sandwich tray or similar article. 149,317, Apr. 13.
Sonnhalter, John E., South Euclid, assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Height measuring gauge. 149,318, Apr. 13.
Stern, Herman: *See*—
Beer, Leo, and Stern.
Taber Associates, assignee: *See*—
Trowbridge, Charles A.
Travis, Albert M., Kansas City, Kans. Juice extractor. 149,319, Apr. 13.
Travis, Albert M., Kansas City, Kans. Juice extractor. 149,320, Apr. 13.
Travis, Albert M., Kansas City, Kans. Juice extractor 149,321, Apr. 13.
Trifari, Krussman & Fishel, Inc., assignee: *See*—
Philippe, Alfred.
Tri-plex, Inc., assignee: *See*—
Young, Hugh B.
Trnka, Otto A., Saugerties, N. Y. Bicycle. 149,322, Apr. 13.
Trowbridge, Charles A., Roxborough, assignor to Taber Associates, Philadelphia, Pa. Light fixture. 149,323, Apr. 13.
Uncas Manufacturing Company, assignee: *See*—
Barbieri, Nicholas.
Victor Electric Products, Inc., assignee: *See*—
Lippincott, Joshua G.
Walker, Albert R., assignor to Fox West Coast Theatres Corporation, Los Angeles, Calif. Theatre. 149,324, Apr. 13.
Webster Industries, Inc., assignee: *See*—
Henne, Julius A.
Wigley, John T., assignor to Onondaga Pottery Company, Syracuse, N. Y. Dinner plate or similar article. 149,325, Apr. 13.
Wortman, Grant, Chicago, Ill. Tray. 149,326, Apr. 13.
Young, Hugh B., Denver, Colo., assignor to Tri-plex, Inc. Garment hanger. 149,327, Apr. 13.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 13TH DAY OF APRIL, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abraham, Hans A., Philadelphia, Pa. Electric outlet. 2,439,708, Apr. 13.
Abraham, Ralph, assignor to Seth E. Glem River Unit, Memphis, Tenn. Side dump truck body. 2,439,439, Apr. 13.
Adam, Frank, Electric Company, assignee: *See*—
Green, Floyd S.
Agins, George, assignor to Arma Corporation, Brooklyn, N. Y. Self-synchronous signalling system. 2,439,414, Apr. 13.
Air Control Products, Inc., assignee: *See*—
Babcock, Kenneth L., and Leigh.
Aircraft Mechanics Inc., assignee: *See*—
Robins, Jack B.
Aktiebolaget Separator-Nobel, assignee: *See*—
Lindgren, Hans O.
Albertson & Company, Inc., assignee: *See*—
Olsen, Gustav A.
Aleks, Vytant, Rockford, Ill., assignor to The Washburn Company, Worcester, Mass. Bicycle basket. 2,439,376, Apr. 13.
Allied Chemical & Dye Corporation, assignee: *See*—
Donleavy, John J., and Balzer.
Amberg, Charles R., and W. J. Knapp, Alfred, assignors to North American Cement Corporation, Catskill, N. Y. Making disinfectant hydraulic cement. 2,439,440, Apr. 13.
Amberg, Charles R., and W. J. Knapp, Alfred, assignors to North American Cement Corporation, Catskill, N. Y. Disinfectant hydraulic cement and making the same. 2,439,441, Apr. 13.
American Car and Foundry Company, assignee: *See*—
Steinmeyer, John W.
American Viscose Corporation, assignee: *See*—
Chaney, David W.
Davidson, Hobart O.
Wicker, Dan B.
American Well Works, The, assignee: *See*—
Walker, James D.
Amon, Fred H., Weston, and F. S. Thornhill, Hyde Park, assignors to Godfrey L. Cabot, Inc., Boston, Mass. Making hydrophilic carbon black. 2,439,442, Apr. 13.
Anderson, Arleigh W., Pasadena, Calif. Air register. 2,439,554, Apr. 13.
Andrews & Goodrich, Inc., assignee: *See*—
Dreisel, William.
Ankney, Ezra W., Acme, Pa. Apparatus for laying roll roofing. 2,439,681, Apr. 13.
Arma Corporation, assignee: *See*—
Agins, George.
Davenport, Charles T.
Armour and Company, assignee: *See*—
Whiting, John A., and Whitney.
Armstrong Cork Company, assignee: *See*—
Bare, Martin K., and Stubblebine.
Asbury, Charles T., Abington, Pa. Bearing lubricator. 2,439,709, Apr. 13.
Aske, Irving E., Muskegon, Mich. Casting apparatus for vibrating molds. 2,439,443, Apr. 13.
Atwood, Wilmerth R., Odessa, Tex. Gun perforator. 2,439,643, Apr. 13.
Austin, Albert B., Mineapolis, Minn. Air-heating device for fireplaces. 2,439,503, Apr. 13.
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Reversible cyclic power transmission mechanism. 2,439,555, Apr. 13.
Babcock, Kenneth L., Muskegon, and R. L. Leigh, Grand Rapids, assignors to Air Control Products, Inc., Coopersville, Mich. Valve mechanism for registers and the like. 2,439,444, Apr. 13.
Bachman, Charles H., Scotia, N. Y., assignor to General Electric Company. Indexing telescope for electron diffraction instruments. 2,439,644, Apr. 13.
Bailey, Grant C.: *See*—
Himel, Chester M., and Bailey.
Bailey Meter Company, assignee: *See*—
Dickey, Paul S.
Balzer, Manuel M.: *See*—
Donleavy, John J., and Balzer.
Baldwin Company, The, assignee: *See*—
Jones, Edward M.
Ball, Charles O., Maumee, Ohio, assignor to Owens-Illinois Glass Company. Receptacle. 2,439,768, Apr. 13.
Bancroft, Joseph C., New York, N. Y. Scooter. 2,439,556, Apr. 13.
Banigan, William A., Redding, Calif. Collapsible wild fowl decoy. 2,439,710, Apr. 13.
Barber-Colman Company, assignee: *See*—
Kennedy, Walter W.
Marcellus, Brooks.
Barbour, Fenner S.: *See*—
Worthen, Eugene P., Barbour, and Putnam.
Bare, Martin K., and W. Stubblebine, Manheim Township, Lancaster County, assignors to Armstrong Cork Company, Lancaster, Pa. Utilization of tall oil. 2,439,377, Apr. 13.
Bassingdale, Isaac B., Grasscroft, England. Shuttle for carpet looms. 2,439,594, Apr. 13.
Beattie, Horace S., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Combinational code entry controlling means for accumulators. 2,439,445, Apr. 13.
Begun, Semi J., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Control circuit for signal recording and reproducing systems. 2,439,446, Apr. 13.
Belden Manufacturing Company, assignee: *See*—
Wermine, Hugo H.
Belgau, Robert C., Detroit, Mich. Immersible electrical heater. 2,439,617, Apr. 13.
Bell Telephone Laboratories, Incorporated, assignee: *See*—
Darlington, Sidney, Townes, and Wooldridge.
Hussey, Lather W.
Prentner, Seward.
Bendix Aviation Corporation, assignee: *See*—
Stuart, Alfred A., Jr.
Tognola, Tullio.
Bendix-Westinghouse Automotive Air Brake Company, assignee: *See*—
Eaton, Wilfred A.
Berberich, Otto P.: *See*—
Carman, Everett F., and Berberich.
Berberich, Otto P., Jersey City, N. J., assignor to Interchemical Corporation, New York, N. Y. Printing ink. 2,439,378, Apr. 13.
Berger Bros. Company, assignee: *See*—
Wolfe, Morton B.
Bergman, Mendel, U. S. Navy. Water injection system for aircraft. 2,439,379, Apr. 13.
Bituminous Coal Research, Inc., assignee: *See*—
Engdahl, Richard B.
Bjering, Olav: *See*—
Hohl, John, and Bjering.
Blackledge, Lawrence C., Portland, Oreg. Rotary plow. 2,439,557, Apr. 13.
Bloomfield, Samuel, Wichita, Kans., assignor to C. E. Hovey, Kansas City, Mo., as trustee. Lock nut. 2,439,415, Apr. 13.
Bludworth, Joseph E., M. O. Robeson, and H. A. Truby, Jr., Corpus Christi, Tex., assignors to Celanese Corporation of America. Dehydration process. 2,439,416, Apr. 13.
Boardman, Harry D., assignee, trustee: *See*—
Merriman, Henry H.
Boerner, Thomas James, Collingswood, and John W. Sanborn, Merchantville, N. J., assignors to Radio Corporation of America. High-frequency apparatus. 2,439,682, Apr. 13.
Bolton, Wright, Jr., New Bedford, Mass. Preparation of multiend yarn packages. 2,439,645, Apr. 13.
Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Ironing board leg and brace structure. 2,439,769, Apr. 13.
Borg-Warner Corporation, assignee: *See*—
Nutt, Harold.
Boston Woven Hose & Rubber Company, assignee: *See*—
Marcy, Grosvenor D.
Bostwick, Rolla B., Pittsburgh, Pa. Sharpener for double-edged razor blades, with automatic blade-turning means. 2,439,646, Apr. 13.
Bovey, Donald E., assignor to Woodward Governor Company, Rockford, Ill. Electrical measurement of displacement. 2,439,711, Apr. 13.
Boyd, Thomas E.: *See*—
D'Ardenne, Walter H., Devore, Wolf and Boyd.
Brady, Clyde H., Danville, Va. Plumbing fitting. 2,439,712, Apr. 13.
Bramley, Arthur, Long Branch, N. J., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Photoelectric tube and manufacturing same. 2,439,647, Apr. 13.
Brandt, Wilfred H.: *See*—
Burtle, Jerome G. and Brandt.

Bredice, Pasquale Michael, assignor of fifty per cent to Gordon Lawrence Hubert, Middletown, R. I. Automatic warmer for musical instruments. 2,439,713, Apr. 13.

Broadway, Leonard F., Ickenham, assignor to Electric & Musical Industries Limited, Hayes, England. Flat beam cathode-ray tube and circuit. 2,439,504, Apr. 13.

Broderick, Ernest N., Detroit, Mich. Sanitary receptacle and supporter. 2,439,683, Apr. 13.

Broers, Henry J., Powell, Wyo. Attachment for well drilling derricks. 2,439,714, Apr. 13.

Broughton, Douglas J., assignor to Buxton, Incorporated, Springfield, Mass. Flexible pocket receptacle. 2,439,715, Apr. 13.

Brown, Doyes N., Vallejo, Calif. Attachment for mortise machines. 2,439,558, Apr. 13.

Brown, Harold A., State College, Mex., and Harry Gollob, El Paso, Tex. Electrically indicating liquid filled manometer. 2,439,770, Apr. 13.

Brown, Walter J.: *See*—
Williams, Alfred L. W. and Brown.

Brush Development Company, The, assignee: *See*—
Begun, Semi Joseph.
Gravley, Charles K.
Williams, Alfred L. W. and Brown.

Buck, Richard S., Glastonbury, and W. A. Ledwith, Hartford, assignors to United Aircraft Corporation, East Hartford, Conn. Turbine bearing construction. 2,439,447, Apr. 13.

Buckner, Cecil C., Grosse Pointe Park, Mich. Fluid pump. 2,439,448, Apr. 13.

Buena Vista Iron Company, assignee: *See*—
Worthen, Eugene P., Barbour and Putnam.

Buffalo Electro-Chemical Company, Inc., assignee: *See*—
Shanley, Edward S. and Hyatt.

Buffington, Marvin A., Cleveland, Ohio. Electroencephalograph electrode coordinator. 2,439,559, Apr. 13.

Burdick Corporation, The, assignee: *See*—
Sturm, Ralph E.

Burgess, C. J., Liberty, Mo. Deodorizing composition of matter for food storage compartments. 2,439,538, Apr. 13.

Burtie, Jerome G., and W. H. Brandt, Alton, Ill., assignors to Olin Industries, Inc. Cyclonite purification. 2,439,648, Apr. 13.

Buxton, Incorporated, assignee: *See*—
Broughton, Douglas J.
Hawes, George R.

Cabot, Godfrey L., Inc., assignee: *See*—
Amon, Fred H. and Thornhill.

Caffese, Joseph, Stockton, Calif. Cultivator disc supporting assembly. 2,439,449, Apr. 13.

Campbell, Phillip, Whittier, and W. H. Maxwell, Newport Beach, Calif. Casting apparatus compensating for shrinkage of the cast material. 2,439,450, Apr. 13.

Canfield, Robert W., and F. E. Wiley, West Hartford, and A. M. Guerreiro, assignors to Plax Corporation, Hartford, Conn. Forming hollow articles from oriented polymer. 2,439,716, Apr. 13.

Carbide and Carbon Chemicals Corporation, assignee: *See*—
Wilkes, Benjamin G., Jr.

Carborundum Company, The, assignee: *See*—
Dahlstrom, Eric P.

Carman, Everett F., Montclair, and O. P. Berberich, Jersey City, N. J., assignors to Interchemical Corporation, New York, N. Y. Printing inks. 2,439,380, Apr. 13.

Castedello, William, assignor to The Kalart Company Inc., Stamford, Conn. Photoflash synchronizing device for cameras. 2,439,417, Apr. 13.

Celanese Corporation of America, assignee: *See*—
Bludworth, Joseph E., Robeson, and Truby.

Cellwork, William E., assignor to Standard Steel Works, Kansas City, Mo. Valve for spray bars. 2,439,539, Apr. 13.

Century Geophysical Corporation, assignee: *See*—
Morrow, Marvin E.

Cerna, Wendell W., Mount Lebanon, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Boiling out steam boilers prior to placing them in operation and composition therefor. 2,439,784, Apr. 13.

Chaney, David W., Nether Providence Township, Delaware County, Pa., assignor to American Viscose Corporation, Wilmington, Del. Polyfluorinated acrylonitriles. 2,439,505, Apr. 13.

Chapal Donner Corporation, The, assignee: *See*—
Donner, Carl H.

Chicago Carton Company, assignee: *See*—
Richardson, Ralph R., Ritter and Ragan.

Christian, Rodney E., Royal Oak, Mich., assignor to Kerr Manufacturing Co. Apparatus for molding articles of wax. 2,439,506, Apr. 13.

Clark, George C., Pontiac, Mich. Fishing tackle. 2,439,451, Apr. 13.

Clarke, Louis A.: *See*—
Goldsby, Arthur R. and Clarke.

Cloutier, Felix J., Minneapolis, Minn. Combination intake and exhaust valve for four-cycle engines. 2,439,618, Apr. 13.

Cohn, Irwin, Leominster, Mass. Toy propelled boat. 2,439,649, Apr. 13.

Coley, Silas B., assignee: *See*—
Reavis, Charles N.

Combustion Engineering Company, Inc., assignee: *See*—
Mittendorf, Harvey C.

Conmar Products Corporation, assignee: *See*—
Kuzmick, Joseph N.

Connor, Robert S., Little Marais, Minn. Animal snare. 2,439,560, Apr. 13.

Conrad, Joshua C., Oklahoma City, Okla. Cotton cleaning attachment for harvesters. 2,439,718, Apr. 13.

Conterman, Fred A., assignor to Jamestown Metal Equipment Company, Inc., Jamestown, N. Y. Wringer. 2,439,452, Apr. 13.

Continental Motors Corporation, assignee: *See*—
Jackson, Thomas.

Cooke, Ernest A., assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Bore gauge. 2,439,595, Apr. 13.

Cooke, Grady Carlyle, Winston-Salem, N. C. Rotary gas engine of the reaction type. 2,439,717, Apr. 13.

Cooper, Kenneth C., Portland, assignor to United Aircraft Corporation, East Hartford, Conn. Starting system for free-piston units. 2,439,453, Apr. 13.

Corning Glass Works, assignee: *See*—
Hyde, James Franklin.

Courtier, Armand: *See*—
Guinot, Henri M. and Courtier.

Courtright, John L.: *See*—
Klein, Harold L., and Courtright.

Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Rotary printing press. 2,439,454, Apr. 13.

Crawford, Robert B. P., Kansas City, Mo. Incubator. 2,439,719, Apr. 13.

Cressey, Peter A., McGregor, Tex. Pressure indicator for pneumatic tires. 2,439,561, Apr. 13.

Crompton & Knowles Loom Works, assignee: *See*—
Gordon, Albert A., 3d.
Turner, Richard G.

Crosby, Stephen A., Chicago, Ill., assignor to Sterling Tool Products Company. Air filter for polishing machines. 2,439,596, Apr. 13.

Crosley, Raymond W., Hazel Crest, and A. L. Raymond, Northfield, assignors to G. D. Searle & Co., Skokie, Ill. Producing sodium tetrathionate. 2,439,720, Apr. 13.

Cunningham, Marion M., South Bend, Ind., assignor to United States Rubber Company, New York, N. Y. Fuel tank. 2,439,562, Apr. 13.

Cuno, Charles W., Wilmington, Ill., assignor to The Lehon Company. Making granules. 2,439,650, Apr. 13.

Curtiss-Wright Corporation, assignee: *See*—
Hathorn, Charles E.
Julian, George J.

Cutler-Hammer, Inc., assignee: *See*—
Hunter, Richard B.

Dahlstrom, Eric P., assignor to The Carborundum Company, Niagara Falls, N. Y. Apparatus for facing and truing abrasive articles. 2,439,771, Apr. 13.

Dainty, Ralph, Willenhall, England. Manufacture of sand cores. 2,439,563, Apr. 13.

D'Ardenne, Walter H., Jenkintown Manor, W. Devore, Horsham Township, Montgomery County, R. W. Wolf, Philadelphia, and T. E. Boyd, Melrose Park, assignors to Heintz Manufacturing Company, Philadelphia, Pa. Mobile gun mount. 2,439,564, Apr. 13.

Darlington, Sidney, New York, N. Y., and C. H. Townes, Mendham, and D. E. Wooldridge, Chatham, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Computing bombsight. 2,439,381, Apr. 13.

Davenport, Charles T., assignor to Arma Corporation, Brooklyn, N. Y. Gyroscope stabilizing mechanism. 2,439,418, Apr. 13.

Davidson, Hobart O., Swarthmore, Pa., assignor to American Viscose Corporation, Wilmington, Del. Apparatus for handling viscose solutions. 2,439,619, Apr. 13.

Davison Chemical Corporation, The, assignee: *See*—
Litty, Frederick L., Jr.

Day, Charles B., Colorado Springs, Colo. Sprinkling hose support. 2,439,684, Apr. 13.

Debonair, Inc., assignee: *See*—
Renz, Emil K.

De Grazia, Joseph, Washington, D. C. Field jacket hood. 2,439,382, Apr. 13.

De Lancey, Ralph W., assignor to The Miller Company, Meriden, Conn. Thermostatic device. 2,439,455, Apr. 13.

De Satnick, Irvin, Philadelphia, Pa. Shoulder-pad. 2,439,597, Apr. 13.

Devore, Weber: *See*—
D'Ardenne, Walter H., Devore, Wolf, and Boyd.

Dickey, Paul S., Shaker Heights, Ohio, assignor to Bailey Meter Company. Control system for feeding fuel to furnaces. 2,439,721, Apr. 13.

Dinsley, Alfred, La Canada, Calif. Luminescent signaling composition. 2,439,598, Apr. 13.

Dodge, Ralph L.: *See*—
Keenen, Frank G., and Dodge.

Dodge, Ronald D., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Power operated case shift mechanism for typewriting machines. 2,439,456, Apr. 13.

Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Attenuation control network. 2,439,651, Apr. 13.

Donleavy, John J., Montclair, N. J., and M. M. Balzer, Flushing, N. Y., assignors to Allied Chemical & Dye Corporation. Alkylation of benzene by long chain polymeric olefins using sulfuric acid catalyst. 2,439,457, Apr. 13.

Donner, Carl H., Summit, assignor to The Chapal Donner Corporation, Newark, N. J. Fur pelt or skin stretching apparatus. 2,439,419, Apr. 13.

Dravo Corporation, assignee: *See*—
Johnson, Wallace C.

Dreisel, William, Lawrence, assignor to Andrews & Goodrich, Inc., Dorchester, Mass. Drying apparatus. 2,439,722, Apr. 13.

Du Pont, E. I., de Nemours & Company, assignee: *See*—
Gresham, William F.
Gross, Peter F.
Hamblet, Clement H., and McAlevy.
Herndon, Lee R.
Keenen, Frank G., and Dodge.
Miller, Charles F.
Roedel, Milton J.
Walker, Joseph F., and Londergan.

Eaton Manufacturing Company, assignee: *See*—
Findley, Howard J.

Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism for airplane deicers. 2,439,458, Apr. 13.

Eberle, Frank V., Newark, and H. Hansen, Lyndhurst, N. J. Artificial body members. 2,439,507, Apr. 13.

Eckhard, William K., Newark, N. J., and E. W. Goodwin, New Rochelle, assignors to R. Hoe & Co., Inc., New York, N. Y. Sheet registering mechanism for printing machines. 2,439,420, Apr. 13.

Eddy, William C., Michigan City, Ind., assignor to Television Associates, Inc., Chicago, Ill. Sound pickup unit. 2,439,459, Apr. 13.

Eddy, William C., Michigan City, Ind., assignor to Television Associates, Chicago, Ill. Alarm switch. 2,439,509, Apr. 13.

Edwards, Miles L., and D. K. MacBain, Longview, and L. M. Johnson, Everett, assignors to Weyerhaeuser Timber Company, Longview, Wash. Log turning apparatus. 2,439,508, Apr. 13.

Egor, Basil, Valley Stream, N. Y. Contour and depth gauge of dial indicator type. 2,439,565, Apr. 13.

Electric & Musical Industries Limited, assignee: *See*—
Broadway, Leonard F.

Electro-Physical Laboratories, Inc., assignee: *See*—
Traugott, Paul.

Endicott Johnson Corporation, assignee: *See*—
Exley, Leo F.

Engdahl, Richard B., Columbus, Ohio, assignor, by mesne assignments, to Bituminous Coal Research, Inc., Pittsburgh, Pa. Flow meter. 2,439,723, Apr. 13.

Engler, Herman, assignor to P. Koletzko and C. A. Hands, New York, N. Y. Preparation for treating launderable fabric articles. 2,439,460, Apr. 13.

Erickson, Edwin R., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of dialkylated polyhydric phenols. 2,439,421, Apr. 13.

Erickson, Lester H., Los Angeles, Calif. Surgical stitching instrument. 2,439,383, Apr. 13.

Euclid Road Machinery Co., The, assignee: *See*—
Snow, Virgil L.

Exhibit Supply Company, The, assignee: *See*—
Smith, Percy C.

Exley, Leo F., Johnson City, assignor to Endicott Johnson Corporation, Endicott, N. Y. Cutting block. 2,439,652, Apr. 13.

Faber, John P., assignor to Ransome Machinery Company, Dunellen, N. J. Concrete spreader. 2,439,620, Apr. 13.

Farnsworth Research Corporation, assignee: *See*—
Hallmark, Clyde E.

Feagles, Don D.: *See*—
Thompson, Oscar T., and Feagles.

Fear, Ralph G., Reseda, Calif. Shearing tool. 2,439,422, Apr. 13.

Feitl, Rudolf, Brooklyn, and H. Wurzel, Bronx, assignors to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Tool for handling open-ended retaining rings. 2,439,785, Apr. 13.

Ferro Engineering Company, The, assignee: *See*—
Urmetz, Walter W.

Fetzer, Walter R., Clayton, Mo., assignor to Union Starch & Refining Company, Columbus, Ind. Solid corn syrup manufacture. 2,439,384, Apr. 13.

Fillmore, William E.: *See*—
Schmid, William, and Fillmore.

Finck, Albert M., Bellevue, Ky. Combination lock. 2,439,461, Apr. 13.

Findley, Howard J., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Thread insert. 2,439,685, Apr. 13.

Findley, Howard J., Chardon, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Drive for air compressors. 2,439,686, Apr. 13.

Findley, Howard J., Chardon, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Mold-in thread insert. 2,439,687, Apr. 13.

Finley, Hugh, Berlin, N. J., assignor to Owens-Illinois Glass Company. Apparatus for molding pipe coverings. 2,439,724, Apr. 13.

First Industrial Corporation, assignee: *See*—
Nelson, Royal G.

Forbes, William J., Joplin, Mo. Finger stall. 2,439,653, Apr. 13.

Fowler, Harlan D., San Diego, Calif. Locking and safety signal combination for cargo airplanes. 2,439,423, Apr. 13.

Framhein, Herbert J., Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lifting mechanism for industrial trucks. 2,439,599, Apr. 13.

Frank, Louis, Fellows, Calif. Electric plug and socket latch. 2,439,462, Apr. 13.

Frost, Robert P., Redding, Calif. Press assembly. 2,439,725, Apr. 13.

Fuel Refining Corporation, assignee: *See*—
Otto, Carl.

Fuller, Frederic B.: *See*—
Gulbert, Francis W., and Fuller.

Gaiser, Romey A., and P. T. Mattimoe, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Silvering surfaces. 2,439,654, Apr. 13.

Galuska, Stanley, Chicago, Ill. Window sash construction. 2,439,726, Apr. 13.

Gamache, Armand R., Springfield, Mass., assignor to United States Rubber Company, New York, N. Y. Hydraulic gun. 2,439,566, Apr. 13.

Gaul, Blair H., assignor to Toledo Scale Company, Toledo, Ohio. Connecting means. 2,439,510, Apr. 13.

Gebauer, Adam H., Short Hills, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Oil-wax separator. 2,439,463, Apr. 13.

General Aniline & Film Corporation, assignee: *See*—
Guenther, Alfred, and Morgan.

General Electric Company, assignee: *See*—
Bachman, Charles H.
Dome, Robert B.
Hausz, Walter.
Mathes, Kenneth N.
Nordlander, Birger W.
Schuck, Carl L.
Thomas, Charles A.

General Steel Castings Corporation, assignee: *See*—
Travilla, James C., Jr., and Krautheim.

George Angus & Company Limited, assignee: *See*—
Sowerby, George A., and Short.

Glem, Seth E., River Unit, assignee: *See*—
Abraham, Ralph.

Glasser, Albert A., Los Angeles, Calif. Brassière. 2,439,567, Apr. 13.

Glenny, Arthur P.: *See*—
Nisbet, Robert H., and Glenny.

Goldberg, Morris, Pittsburgh, Pa. Electric socket. 2,439,385, Apr. 13.

Goldsby, Arthur R., Beacon, and L. A. Clarke, Fishkill, assignors to The Texas Company, New York, N. Y. Manufacture of motor fuel by alkylation with a light cracked naphtha. 2,439,600, Apr. 13.

Gollob, Harry: *See*—
Brown, Harold A., and Gollob.

Good, Paul F., Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Battery container for airplanes. 2,439,464, Apr. 13.

Goodloe, Alfred M., Montclair, and O. H. York, Maplewood, assignors to Metal Textile Corporation, West Orange, N. J. Producing compressed wire units. 2,439,424, Apr. 13.

Goodwin, Edwin W.: *See*—
Eckhard, William K., and Goodwin.

Gookin, Sylvester L., Quincy, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Eyeleting machine. 2,439,465, Apr. 13.

Gordon, Albert A., 3rd, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Hand rail and reed holder. 2,439,688, Apr. 13.

Gordon, James J.: *See*—
Leader, Sidney A., and Gordon.

Goss Printing Press Company, The, assignee: *See*—
Crafts, Curtis S.

Gow, James T., Columbus, Ohio, assignor, by mesne assignments, to Steel Shot Producers, Inc., Butler, Pa. Method and apparatus for forming solidified particles from molten material. 2,439,772, Apr. 13.

Graham, Harry C., assignor to Pittsburgh Screw & Bolt Company, Pittsburgh, Pa. Spliced lumber. 2,439,655, Apr. 13.

Granat, Leo, San Francisco, Calif. Engagement and wedding ring ensemble. 2,439,727, Apr. 13.

Gravley, Charles K., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Piezoelectric crystal element and fabricating same. 2,439,466, Apr. 13.

Green, Floyd S., assignor to Frank Adam Electric Company, St. Louis, Mo. Latching or tripping mechanism of circuit breakers. 2,439,511, Apr. 13.

Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing dialkyl esters of dicarboxylic acids. 2,439,425, Apr. 13.

Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Conversion of saturated aliphatic carboxylic amides to nitriles. 2,439,426, Apr. 13.

Gross, Peter F., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pyridine carbonyl amides of the benzene series. 2,439,728, Apr. 13.

Grubbs, Edward G., Los Angeles, Calif. Rotary valve for internal-combustion engines. 2,439,540, Apr. 13.

Guenther, Alfred, Riegelsville, Pa., and J. F. Morgan, Phillipsburg, N. J., assignors to General Aniline & Film Corporation, New York, N. Y. Preparation of quinazolones. 2,439,886, Apr. 13.

Guerreiro, Antone M.: *See*—
Canfield, Robert W., Wiley, and Guerriro.

Guibert, Francis W., Los Angeles, and F. B. Fuller, Whittier, Calif. Replaceable tooth structure. 2,439,427, Apr. 13.

Guilfoil, Oscar D., Jr., Syracuse, N. Y. Candle lamp. 2,439,467, Apr. 13.

Guinot, Henri M., Versailles, and A. Courtier, Melle, assignors to Les Usines De Melle (Societe Anonyme), Saint-Leger-les-Melle, France. Oil for industrial purposes and manufacture thereof. 2,439,729, Apr. 13.

Hall Laboratories, Inc., assignee: *See*—
Cerna, Wendell W.

Hall, Leyel C., Connell, Wash. Saw guard. 2,439,568, Apr. 13.

Hall, Marshall V., Hiawatha, Kans. Self-unloading feed wagon. 2,439,541, Apr. 13.

Hallmark, Clyde E., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Ultra high frequency power oscillator. 2,439,512, Apr. 13.

Hamblet, Clement H., and A. McAlevey, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Adipic acid process. 2,439,513, Apr. 13.

Hands, C. Alfred, assignee, et al.: *See*—
Engler, Herman.

Hansen, Harry: *See*—
Eberle, Frank V., and Hansen.

Hansen, William W., Garden City, N. Y., assignor to The Sperry Corporation. Resonator wave meter. 2,439,388, Apr. 13.

Hansen, William W., Garden City, and R. H. Varian, Bellmore, N. Y., assignors to The Sperry Corporation. Electronic tuning control. 2,439,387, Apr. 13.

Happel, John, Brooklyn, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated. Cracking process to produce gaseous olefins. 2,439,730, Apr. 13.

Hart, William F.: *See*—
Niederl, Joseph B., and Hart.

Hartford National Bank and Trust Company, assignee: *See*—
Strutt, Maximiliaan J. O., van der Ziel, and van Overbeek.

Hathorn, Charles E., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Universal joint. 2,439,569, Apr. 13.

Hausz, Walter, Schenectady, N. Y., assignor to General Electric Company. Receiver protective device. 2,439,656, Apr. 13.

Hawes, George R., Longmeadow, assignor to Buxton, Incorporated, Springfield, Mass. Flexible pocket receptacle having pivotally supported units. 2,439,731, Apr. 13.

Haydon, Arthur W., Marion, assignor to Haydon Manufacturing Company, Inc., Forestville, Conn. Radio time switch. 2,439,732, Apr. 13.

Haydon Manufacturing Company, Inc., assignee: *See*—
Haydon, Arthur W.

Hazeltine Research, Inc., assignee: *See*—
Lewis, Harold M.
Wheeler, Harold A.

Heintz Manufacturing Company, assignee: *See*—
D'Ardenne, Walter H., Devore, Wolf, and Boyd.

Helbush, Herman H., assignee: *See*—
Wallace, Frank C.

Hemphill Company, assignee: *See*—
St. Pierre, Eugene.

Hensel, Franz R., E. I. Larsen, and E. F. Swazy, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact. 2,439,570, Apr. 13.

Heritage, Clark C., Cloquet, assignor to Wood Conversion Company, St. Paul, Minn. Insulating confined spaces. 2,430,601, Apr. 13.

Heritage, Clark C., assignor to Wood Conversion Company, Cloquet, Minn. Insulating confined spaces. 2,439,602, Apr. 13.

Heritage, Clark C., assignor to Wood Conversion Company, Cloquet, Minn. Insulating confined spaces. 2,439,603, Apr. 13.

Heritage, Clark C., Cloquet, assignor to Wood Conversion Company, St. Paul, Minn. Insulating confined spaces. 2,439,604, Apr. 13.

Hermes, Theodore J., Stonington, Conn. Mute for musical instruments. 2,439,733, Apr. 13.

Herndon, Lee R., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composite structures. 2,439,514, Apr. 13.

Hexter, Joseph, and W. E. Lanham, Atlanta, Ga.; said Lanham assignor to said Hexter. Sliced loaf dividing mechanism. 2,439,657, Apr. 13.

Hillberg, Bror, assignor to Superior Concrete Accessories, Chicago, Ill. Combined bar support and spacer. 2,439,428, Apr. 13.

Himel, Chester M., and G. C. Bailey, Bartlesville, Okla., assignors to Phillips Petroleum Company. Lubricating oil additives. 2,439,734, Apr. 13.

Himottu, Waino E., Gardner, Mass. Fishing lure. 2,439,621, Apr. 13.

Hodgson, Richard H., Vancouver, British Columbia, Canada. Valve for step-by-step servomotors. 2,439,515, Apr. 13.

Hoe, R., & Co., Inc., assignee: *See*—
Eckhard, William K., and Goodwin.

Hofmann, Frank J., New York, N. Y. Combined dental powder dispenser and brush holder. 2,439,429, Apr. 13.

Hohl, John, and O. Bjering, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Steam distributor for vacuumizing containers in sealing machines. 2,439,773, Apr. 13.

Holcomb, Robert L., assignor of one-half to Sally O'B. Holcomb, Fairfield, Conn. Nail sealing washer. 2,439,516, Apr. 13.

Holcomb, Sally O'B.: *See*—
Holcomb, Robert L.

Holloway, Irma, Cedar Rapids, Iowa. Bed garment for infants. 2,439,658, Apr. 13.

Homrighous, John H., Oak Park, Ill. Electrical control system. 2,439,735, Apr. 13.

Hopkins, Roy H., Alice, Tex. Screened pump. 2,439,468, Apr. 13.

Hospital Specialty Company, assignee: *See*—
Kruse, George A.

Horne, Hal, New York, N. Y. Acoustic device. 2,439,736, Apr. 13.

Houston, Victor E., and A. G. Oblad, Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of aluminum bromide. 2,439,737, Apr. 13.

Hovey, C. Earl, assignee, trustee: *See*—
Bloomfield, Samuel.

Howe, Robert F., assignor to E. B. Kingman Co., Leominster, Mass. Knitting needle. 2,439,622, Apr. 13.

Howells, Thomas G., Girard, Ohio. Support for vehicles. 2,439,623, Apr. 13.

Hubert, Gordon L.: *See*—
Bredice, Pasquale M.

Hunt, Raymond S., Mount Pleasant, Mich. Water detector for oil wells. 2,439,542, Apr. 13.

Hunter, Richard B., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Adjustable cable guided member for limit stop weights. 2,439,738, Apr. 13.

Hurd, George K., Toronto, Ontario, Canada. Hook attachment for ladders. 2,439,430, Apr. 13.

Hurt, Joel, Village of North Bay Island, Fla. Retaining sea wall. 2,439,606, Apr. 13.

Hussey, Luther W., Madison, N. J., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Pulse generator. 2,439,389, Apr. 13.

Hussman, Carl, Chicago, Ill. Vibration absorbing mounting. 2,439,739, Apr. 13.

Husted, Harry F., Shavertown, Pa. Auxiliary tub attachment for washing machines. 2,439,469, Apr. 13.

Hyatt, Harlow G.: *See*—
Shanley, Edward S., and Hyatt.

Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Rendering glass water repellent. 2,439,689, Apr. 13.

Imperial Chemical Industries Limited, assignee: *See*—
Murray, Arthur G.

Interchemical Corporation, assignee: *See*—
Berberich, Otto P.
Carman, Everett F., and Berberich.

International Business Machines Corporation, assignee: *See*—
Beattie, Horace S.
Dodge, Ronald D.
Jackson, Carlton T.
Tholstrup, Henry L.

International Cellucotton Products Company, assignee: *See*—
Thompson, Oscar T., and Feagles.

Irwin, Frederick D., Warsaw, Ind. Adjustable bracket. 2,439,624, Apr. 13.

Irwin, Samuel E., Jr., Ponta, Tex. Tree felling and log sawing attachment for tractors. 2,439,607, Apr. 13.

Jablon, Theodore M., Elmhurst, Long Island, N. Y. Slide mounting. 2,439,390, Apr. 13.

Jack & Heintz Precision Industries, Inc., assignee: *See*—
Walters, Russell W.

Jackson, Carlton T., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Variable spacing mechanism for typewriting machines. 2,439,470, Apr. 13.

Jackson, John G., assignor to Square D Company, Detroit, Mich. Conductor arrangement for current distribution. 2,439,471, Apr. 13.

Jackson, Thomas, North Muskegon, assignor to Continental Motors Corporation, Muskegon, Mich. Induction system for multicylinder opposed piston engines. 2,439,472, Apr. 13.

Jaeger, Gebhard, assignor to The Jaeger Machine Company, Columbus, Ohio. Concrete mixer. 2,439,774, Apr. 13.

Jaeger Machine Company, The, assignee: *See*—
Jaeger, Gebhard.

Jamestown Metal Equipment Company, Inc., assignee: *See*—
Conterman, Fred A.

Jeffrey Manufacturing Company, The, assignee: *See*—
Mercier, Stanley M.

Jobson, Frederic H., Jeffersonville, Ga. Artificial minnow. 2,439,391, Apr. 13.

Johnson, Joel R., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Induction heating apparatus. 2,439,517, Apr. 13.

Johnson, Lester M.: *See*—
Edwards, Miles L., MacBaine, and Johnson.

Johnson, Moses, Indianapolis, Ind. Foot support. 2,439,625, Apr. 13.

Johnson, Wallace C., Sewickley, assignor to Dravo Corporation, Pittsburgh, Pa. Arc welding apparatus. 2,439,740, Apr. 13.

Jones, Edward M., assignor to The Baldwin Company, Cincinnati, Ohio. Generation of tones in photoelectric musical instruments. 2,439,392, Apr. 13.

Joy Manufacturing Company, assignee: *See*—
Simmons, Leon E.

Julian, George J., Columbus, Ohio, assignor to Curtiss-Wright Corporation. Wrinkle removing device. 2,439,571, Apr. 13.

Julien, Maurice F. A., Toulouse, France. Vehicle chassis bracket structure and wheel suspension and engine connections thereto. 2,439,659, Apr. 13.

Kalart Company Inc., The, assignee: *See*—
Castedello, William.

Kalitinsky, Andrew, Eagleville, assignor to United Aircraft Corporation, East Hartford, Conn. Pressurized protective conduit for hot gas power plants. 2,439,473, Apr. 13.

Kasboske, Clement B., assignor to M. Loeber, Chicago, Ill. Draw bar. 2,439,518, Apr. 13.

Kaufmann, Melville, Los Angeles, Calif. Shank reinforced shoe construction. 2,439,431, Apr. 13.

Keenen, Frank G., Swarthmore, Pa., and R. L. Dodge, Wilmington, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ammoniation of fertilizers. 2,439,432, Apr. 13.

Keever, Donald B., Colfax, N. C. System for true amplitude modulation of a radio wave. 2,439,661, Apr. 13.

Kell, Rudolph, Pelham Manor, N. Y. Wheeled trunk and the like. 2,439,660, Apr. 13.

Keller Tool Company, assignee: *See*—
Shaff, Ernest H.

Kendall Company, The, assignee: *See*—
Martin, John B.

Kennedy, Walter W., assignor to Barber-Colman Company, Rockford, Ill. Heat exchanger. 2,439,775, Apr. 13.

Kennelly, Jeremiah D., Oak Park, Ill. Brake pressure responsive signal system. 2,439,474, Apr. 13.

Kern, Walter, Sissach, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Anthraquinone vat dyestuffs. 2,439,626, Apr. 13.

Kerr Manufacturing Co., assignee: *See*—
Christian, Rodney E.

Kerr, Ralph W., Bowman, N. Dak. Synchronized control unit. 2,439,393, Apr. 13.

Ketchum, William R., Maricopa County, Ariz. Citrus juice screener. 2,439,543, Apr. 13.

Kidd, Frederick and T. D., Stockton-on-Tees, England. Chuck and face-plate for grinding machines. 2,439,662, Apr. 13.

Kidd, Thomas D.: *See*—
Kidd, Frederick and T. D.

Kingman, E. B., Co., assignee: *See*—
Howe, Robert F.

Klein, Harold L., and J. L. Courtright, Columbus, Ohio, assignors, by mesne assignments, to Steel Shot Producers, Inc., Butler, Pa. Apparatus for forming solidified particles from molten material. 2,439,776, Apr. 13.

Knapp, William J.: *See*—
Amberg, Charles R., and Knapp.

Koletzko, Paul, assignee, et al.: *See*—
Engler, Herman.

Kolts, Tennies F., Long Beach, Calif. Dispensing container. 2,439,627, Apr. 13.

Kopecky, Donald G., Taft, Calif. Bottle stopper. 2,439,628, Apr. 13.

Koppers Company, Inc., assignee: *See*—
Stahly, Eldon E.

Krauer, Otto A., Yonkers, assignor to Otis Elevator Company, New York, N. Y. Elevator load weighing apparatus. 2,439,608, Apr. 13.

Krautheim, William C.: *See*—
Travillia, Jame C., Jr., and Krautheim.

Kroll, Nathan J.: *See*—
Kroll, Samuel and N. J.

Kroll, Samuel and N. J., Chicago, Ill. Baby carriage. 2,439,544, Apr. 13.

Kruse, George A., East Orwell, Ohio, assignor to The Hospital Specialty Company. Article gauging dispensing device. 2,439,475, Apr. 13.

Kuzmick, Joseph N., Clifton, assignor to Conmar Products Corporation, Newark, N. J. Mold for slide fasteners. 2,439,433, Apr. 13.

Lake, George R., and J. M. Stribley, Long Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Separation of thiophenes from hydrocarbons by azeotropic distillation. 2,439,777, Apr. 13.

Lanham, William E.: *See*—
Hexter, Joseph, and Lanham.

Lanzalotti, Samuel J., Williamstown, and M. Skobel, Eatontown, N. J., assignors to the United States of America, as represented by the Secretary of War. Grommet insulating bushing unit. 2,439,394, Apr. 13.

Larsen, Earl I.: *See*—
Hensel, Franz R., Larsen, and Swazy.

Leader, Sidney A., and J. J. Gordon, assignors to Portland Plastics Limited, London, England. Methyl methacrylate compositions opaque to X-rays. 2,439,374, Apr. 13.

Leatherman, Martin, Hyattsville, Md. Fire-resistant coating composition. 2,439,395, Apr. 13.

Leatherman, Martin, Hyattsville, Md. Fire-resistant coating composition. 2,439,396, Apr. 13.

Ledwith, Walter A.: *See*—
Buck, Richard S., and Ledwith.

Leggett, Guy O., and C. Nathan, Chicago, Ill. Indicator. 2,439,476, Apr. 13.

Lehon Company, The, assignee: *See*—
Cuno, Charles W.

Leigh, Robert L.: *See*—
Babcock, Kenneth L., and Leigh.

Le Roux, Bernard L. J. F., Paris, France. Sound warning device. 2,439,477, Apr. 13.

Les Usines De Melle (Societe Anonyme), assignee: *See*—
Guinot, Henri M., and Courtier.

Levin, Samuel B., Jerusalem, Palestine. Apparatus and process for the cultivation of microorganisms. 2,439,572, Apr. 13.

Lewis, Harold M., Allenhurst, N. J., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. System for navigating aircraft. 2,439,663, Apr. 13.

Libbey-Owens-Ford Glass Company, assignee: *See*—
Gaiser, Romey A., and Mattimoe.

Libby, Stewart N., Chicago, Ill. Multiple thermochemical cutting attachment. 2,439,629, Apr. 13.

Linde Air Products Company, The, assignee: *See*—
Miller, Alfred J., and Young.

Lindgren, Hans O., Smedslatten, assignor to Aktiebolaget Separator-Nobel, Stockholm, Sweden. Method and apparatus for dewaxing oils. 2,439,434, Apr. 13.

Lindström, Dag V. L.: *See*—
Wallgren, Johan V., and Lindström.

Lippenberger, Raymond E., Alexandria, Va. Furniture. 2,439,690, Apr. 13.

Litty, Frederick L., Jr., assignor to The Davidson Chemical Corporation, Baltimore, Md. Controlling drier discharge. 2,439,741, Apr. 13.

Loeber, Martin, assignee: *See*—
Kasboske, Clement B.

Loewer, Henry B., Kenmore, N. Y., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,439,478, Apr. 13.

Loftus, Clarence J., assignee: *See*—
Reilly, Frank J.

Londergan, Thomas E.: *See*—
Walker, Joseph F., and Londergan.

Lynnwood Laboratories, Inc., assignee: *See*—
Shapiro, Carl L.

MacBain, Donald K.: *See*—
Edwards, Miles L., MacBain, and Johnson.

Mackmann, Arthur, Chicago, Ill. Universal coupling. 2,439,479, Apr. 13.

MacLean, John A., Jr., Winnetka, Ill., and B. F. Money, Tulsa, Okla., assignors to McLean-Fogg Lock Nut Company, Chicago, Ill. Cotter key. 2,439,778, Apr. 13.

Majusick, Walter, assignor of one-half to E. O. Miller, Dayton, Ohio. Light socket. 2,439,480, Apr. 13.

Mallory, Marion, Detroit, Mich. Degasser for internal combustion engines. 2,439,573, Apr. 13.

Mallory, P. R., & Co., Inc., assignee: *See*—
Hensel, Franz R., Larsen, Swazy.

Manning, Maxwell & Moore, Incorporated, assignee: *See*—
Roper, Charles G.

Mannon, Lloyd, San Francisco, Calif. Film control for automatic shutter on moving picture projector. 2,439,691, Apr. 13.

Marcellus, Brooks, assignor to Barber-Colman Company, Rockford, Ill. Machine for winding bobbins. 2,439,519, Apr. 13.

Marchand, Adolph, Jackson Heights, N. Y. Glass-lined metal shelf wall closet. 2,439,664, Apr. 13.

Marchant Calculating Machine Company, assignee: *See*—
Avery, Harold T.

Marcy, Grosvenor D., Newton Highlands, assignor to Boston Woven Hose & Rubber Company, Cambridge, Mass. Apparatus for controlling pressure bands. 2,439,779, Apr. 13.

Marquis, John F., Haddonfield, N. J., assignor to Radio Corporation of America. Sound reproducing device. 2,439,665, Apr. 13.

Marquis, John F., Haddonfield, N. J., assignor to Radio Corporation of America. Loudspeaker diaphragm support. 2,439,666, Apr. 13.

Marquis, Thomas V.: *See*—
Peebles, David D., and Marquis.
Martin, Glenn L., Company, The, assignee: *See*—
Good, Paul F.
Martin, James V., Paramus, N. J. Distortable circle tire. 2,439,742, Apr. 13.
Martin, John B., Glen Ellyn, Ill., assignor to The Kendall Company, Boston, Mass. Pressure-sensitive adhesive sheet material. 2,439,481, Apr. 13.
Martinec, Eugene F., Cleveland, Ohio. Gauging-device actuated light-beam responsive selecting apparatus. 2,439,406, Apr. 13.
Mason, Bernard: *See*—
Mercer, Arthur A.
Mathes, Kenneth N., Schenectady, N. Y., assignor to General Electric Company. Making laminated electrical insulating material. 2,439,667, Apr. 13.
Mathieson Alkali Works, Inc., The, assignee: *See*—
Erickson, Edwin R.
Matlas, Jean, New York, N. Y. Arch support device. 2,439,545, Apr. 13.
Mattimoe, Paul T.: *See*—
Gaiser, Romey A.
Maxwell, William H.: *See*—
Campbell, Phillip, and Maxwell.
McAlevy, Ambrose: *See*—
Hamblet, Clement H., and McAlevy.
McEwen, Samuel M., Baltimore, Md. Subsoiler and aerator. 2,439,743, Apr. 13.
McFall, Thurlow E., Sparta, Mich. Piston ring. 2,439,546, Apr. 13.
McKay, Frank W., Charlestown, Ind. Dowel pin. 2,439,692, Apr. 13.
McLean-Fogg Lock Nut Company, assignee: *See*—
MacLean, John A., Jr., and Money.
Meitzler, Donald E., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Starting system for free piston engines. 2,439,482, Apr. 13.
Mentor, Eugene L., Westminster, assignor to Simplex Time Recorder Co., Gardner, Mass. Plug and jack assembly. 2,439,744, Apr. 13.
Mercer, Arthur A., assignor of ten per cent to B. Mason, Colchester, England. Pump or compressor. 2,439,668, Apr. 13.
Mercier, Stanley M., Bexley, Ohio, assignor to The Jeffrey Manufacturing Company. Jarring mechanism for conveyer flights. 2,439,574, Apr. 13.
Merriman, Henry H., assignor to H. D. Boardman, Jackson, Mich. Combination toggle and cam clamp. 2,439,483, Apr. 13.
Metal Textile Corporation, assignee: *See*—
Goodloe, Alfred M., and York.
Miami Boiler & Machine Company, Inc., assignee: *See*—
Napier, Melvin J.
Miller, Alfred J., Garwood, and L. W. Young, Elizabeth, N. J., assignors to The Linde Air Products Company. Piston-operated valve mechanism. 2,439,523, Apr. 13.
Miller, Charles F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition comprising caprolactam for printing nylon fiber. 2,439,745. Apr. 13.
Miller Company, The, assignee: *See*—
De Lancey, Ralph W.
Miller, Everett O., assignee: *See*—
Majusick, Walter.
Miller, Frank, Chicago, Ill. Driving mechanism. 2,439,520, Apr. 13.
Miller, Frank, Chicago, Ill. Reducing gear mechanism. 2,439,521, Apr. 13.
Miller Pottery Engineering Company, assignee: *See*—
Miller, William J.
Miller, Robert S., assignor to Pacific Chain and Manufacturing Company, Portland, Oreg. Chain and method of making the same. 2,439,522, Apr. 13.
Miller, William J., Pittsburgh, assignor to Miller Pottery Engineering Company, Swissvale, Pa. Dinnerware finishing apparatus. 2,439,407, Apr. 13.
Miner, Henry A., Evanston, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,439,484, Apr. 13.
Miner, W. H., Inc., assignee: *See*—
Loewer, Henry B.
Miner, Henry A.
Mitchell, Donald H., Chicago, Ill., assignor to Motorola, Inc. Portable radio transmitting and receiving set. 2,439,408, Apr. 13.
Mitchell, Donald H., Chicago, Ill., assignor to Motorola, Inc. System for providing an energizing direct current. 2,439,409, Apr. 13.
Mitchell, Donald H., Chicago, Ill., assignor to Motorola, Inc. Combined radio transmitter and receiver. 2,439,410, Apr. 13.
Mitchell, Donald H., Chicago, Ill., assignor to Motorola, Inc. Portable two-way wave-signal space-communication set. 2,439,411, Apr. 13.
Mitchell, Donald H., Chicago, Ill.., assignor to Motorola, Inc. Multistage plug-in frequency-determining unit. 2,439,412. Apr. 13.
Mitchell, Robert M.., U. S. Army. Cryptographic slide rule. 2,439,413, Apr. 13.
Mitchell-Tyler Company, The, assignee: *See*—
Porter, Harold M.
Mittendorf, Harvey C., East Orange, N. J., assignor to Combustion Engineering Company, Inc., New York, N. Y. Control for plural retractable fuel burners. 2,439,609, Apr. 13.
Money, Benjamin F.: *See*—
MacLean, John A., Jr., and Money.
Moore, Earl E., Los Angeles, Calif. Tubular hand garden weeder. 2,439,524, Apr. 13.
Morgan, Jack F.: *See*—
Guenther, Alfred, and Morgan.
Morris, John M., Atlanta, Ga. Current wheel. 2,439,575, Apr. 13.
Morris, Rupert C., and J. L. Van Winkle, Berkeley, and A. V. Snider, Richmond, assignors to Shell Development Company, San Francisco, Calif. Stabilized organic composition. 2,439,610, Apr. 13.
Morrow, Marvin E., assignor to Century Geophysical Corporation, Tulsa, Okla. Galvanometer movable coil support. 2,439,576, Apr. 13.
Motorola, Inc., assignee: *See*—
Mitchell, Donald H.
Murray, Arthur G., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Preparing mepacrine dihydrochloride dihydrate. 2,439,746, Apr. 13.
Nabstedt, Arthur T., Hamden, assignor to The Snow-Nabstedt Gear Corporation, New Haven, Conn. Axially engaging friction clutch. 2,439,611, Apr. 13.
Napier, Melvin J., assignor to Miami Boiler & Machine Company, Inc., Akron, Ohio. Cooking apparatus. 2,439,780. Apr. 13.
Nathan, Carl: *See*—
Leggett, Guy O., and Nathan.
National Brass Company, assignee: *See*—
Quigley, Herbert, and Ter Meer.
National Lock Co., assignee: *See*—
Stone, Roy A.
Nelson, Royal G., Freeport, Ill., assignor, by mesne assignments, to First Industrial Corporation, Wilmington, Del. Electric switch. 2,439,747, Apr. 13.
Nettel, Frederick, Manhasset, N. Y. Heat engine. 2,439,748, Apr. 13.
Niederl, Joseph B., Brooklyn, N. Y., and W. F. Hart, Easton, Pa. N-alkyl thiomorpholines and derivatives. 2,439,749, Apr. 13.
Nisbet, Robert H., Stroud, and A. P. Glenny, Amberley, assignors to The Sperry Gyroscope Company Limited, Brentford, England. Automatic control system for aircraft. 2,439,750, Apr. 13.
Noblitt-Sparks Industries, Inc., assignee: *See*—
Booth, Earl C.
Nordlander, Birger W., Schenectady, N. Y., assignor to General Electric Company. Chlorinated methylpolysiloxane resins. 2,439,669, Apr. 13.
Norquist, Glenn H., Jamestown, N. Y. Apparatus and method for flanging metal-clad fibrous base panels. 2,439,397, Apr. 13.
North American Cement Corporation, assignee: *See*—
Amberg, Charles R., and Knapp.
Norton, Orlo C., Erie, Pa. Centrifugal pump. 2,439,577, Apr. 13.
Nutt, Harold, assignor to Borg-Warner Corporation, Chicago, Ill. Fluid coupling. 2,439,630, Apr. 13.
Oblad Alex G.: *See*—
Houston, Victor E., and Oblad.
Olin Industries, Inc., assignee: *See*—
Burlte, Jerome G., and Brandt.
Olsen, Gustav A., assignor to Albertson & Company, Inc., Sioux City, Iowa. Abrasive disc holder. 2,439,751, Apr. 13.
Oosterhout, Johan C. D., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Removing acid components from organic liquids. 2,439,670, Apr. 13.
Otis Elevator Company, assignee: *See*—
Krauer, Otto A.
Ott, Harvey N., Buffalo, N. Y. Fine adjustment of microscope objective. 2,439,525, Apr. 13.
Ott, Harvey, Buffalo, N. Y. Adjustable microscope eyepiece mounting. 2,439,526, Apr. 13.
Ott, Harvey N., Buffalo, N. Y. Knife holder for microtomes. 2,439,671, Apr. 13.
Otto, Carl, Manhasset, assignor to Fuel Refining Corporation, New York, N. Y. Apparatus for production of ammonium sulphate. 2,439,547, Apr. 13.
Owens-Illinois Glass Company, assignee: *See*—
Ball, Charles O.
Finley, Hugh P.
Hohl, John, and Bjering.
Schmid, William, and Fillmore.
Schutz, Harold R.
Pacific Chain and Manufacturing Company, assignee: *See*—
Miller, Robert S.
Papa, Domenick: *See*—
Schwenk, Erwin, and Papa.
Pauley, Robert D., assignor to Wood Conversion Company, Cloquet, Minn. Packing insulation material. 2,439,605, Apr. 13.
Paulson, Christian, Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Wave meter. 2,439,527, Apr. 13.

Peebles, David D., Hillsborough, and T. V. Marquis, Santa Cruz, assignors to Western Condensing Company, San Francisco, Calif. Manufacture of milk sugar. 2,439,612, Apr. 13.
Perfect Circle Company, The, assignee: *See*—
Teetor, Ralph R.
Pfeil, Arthur P., Williamsville, N. Y. Umbrella. 2,439,752, Apr. 13.
Philco Corporation, assignee: *See*—
Bramley, Arthur.
Phillips Petroleum Company, assignee: *See*—
Himel, Chester M. and Bailey.
Pierce, John B., Foundation, assignee: *See*—
Stilwell, William E., Jr.
Pisciotta, Immacolata, New York, N. Y. Cover for bed-forming structures. 2,439,631, Apr. 13.
Pittsburgh Screw & Bolt Company, assignee: *See*—
Graham, Harry C.
Planeta, Anthony, assignee: *See*—
Planeta, Paul H.
Planeta, Paul H., assignor to Anthony Planeta, Linden, N. J. Making supports. 2,439,548, Apr. 13.
Plax Corporation, assignee: *See*—
Canfield, Robert W., Wiley and Guerreiro.
Porter, Harold M., assignor to The Mitchel-Tyler Company, Hagerstown, Md. Adjustment mechanism for microscopes. 2,439,485, Apr. 13.
Portland Plastics Limited, assignee: *See*—
Leader, Sidney A. and G.
Poston, Herbert L., Kalispell, Mont. Drive for pumps. 2,439,693, Apr. 13.
Praizner, Edward, Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system provided with channel assurance and transmission regulation. 2,439,398, Apr. 13.
Priest, Herbert C., Bexley, near Sidney, New South Wales, Australia. Counting mechanism. 2,439,578, Apr. 13.
Putnam, Stephen R.: *See*—
Worthen, Eugene P., Barbour and Putnam.
Pyrene Company Limited, The, assignee: *See*—
Zieschang, Richard.
Quayle, George, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Hand lift truck. 2,439,781, Apr. 13.
Quigley, Herbert, and H. T. Meer, assignors to National Brass Company, Grand Rapids, Mich. Cupboard catch. 2,439,549, Apr. 13.
Quilter, John R. C., Woking, England. Parachute harness. 2,439,613, Apr. 13.
Radio Corporation of America, assignee: *See*—
Boerner, Thomas J. and Sanborn.
Marquis, John F.
Roberds, Wesley M.
Rosenthal, Fritz.
Schell, Roger E.
Ragan, Robert O.: *See*—
Richardson, Ralph R., Ritter, and Ragan.
Ramirez, Ernest A., assignor of fifty per cent to F. M. Ramirez, Grand Rapids, Mich. Rocker swing. 2,439,632, Apr. 13.
Ramirez, Florence M., assignee: *See*—
Ramirez, Ernest A.
Ransome Machinery Company, assignee: *See*—
Faber, John P.
Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Rotary cutter-head. 2,439,486, Apr. 13.
Raymond, Albert L.: *See*—
Crosley, Raymond W. and R.
Raytheon Manufacturing Company, assignee: *See*—
Smith, Charles G.
Reavis, Charles N., deceased; C. L. Reavis administratrix, assignor of two-thirds to S. B. Coley. Float-operated switch. 2,439,753, Apr. 13.
Reavis, Charlotte L., administratrix: *See*—
Reavis, Charles N.
Reilly, Frank J., Daytona Beach, Fla., assignor of one-third to C. J. Loftus, Chicago, Ill. Precooling the lading of refrigerator cars comprising the reversal of air flow. 2,439,487, Apr. 13.
Reimsnider, William: *See*—
Robey, Lee E.
Reinhart, Frederick J., Ludlow, Ky. Automatic filter apparatus. 2,439,633, Apr. 13.
Remington Arms Company, Inc., assignee: *See*—
Wilson, Ellsworth M.
Renz, Emil K., Dedham, assignor, by mesne assignments, to Debonair, Inc., Boston, Mass. Multipocketed billfold having interlocked end and edge flaps. 2,439,579, Apr. 13.
Renz, Emil K., Dedham, assignor, by mesne assignments, to Debonair, Inc., Boston, Mass. Stitchless billfold with interlocked pocket forming flaps. 2,439,580, Apr. 13.
Richardson, Ralph R., Chicago, W. T. Ritter, River Forest, and R. O. Ragan, Oak Park, assignors to Chicago Carton Company, Chicago, Ill. Moistureproof packaging. 2,439,435, Apr. 13.
Ritter, Walter T.: *See*—
Richardson, Ralph R., Ritter, and Ragan.
Roberds, Wesley M., Collingswood, N. J., assignor to Radio Corporation of America. Electrical condenser. 2,439,672, Apr. 13.
Roberts, George E., Martinsville, Mo. Wash check collar. 2,439,488, Apr. 13.
Robertson, Harry M., assignor to Turco Products, Inc., Los Angeles, Calif. Separation of mercury by hydraulic concentration and screening. 2,439,694, Apr. 13.
Robeson, Max O.: *See*—
Bludworth, Joseph E., Robeson, and Truby.
Robey, Lee E., Odenton, assignor of one-half to W. Reicsnider, Dorsey, Md. Electrical safety device. 2,439,634, Apr. 13.
Robins, Jack B., assignor to Aircraft Mechanics, Inc., Colorado Springs, Colo. Vertically adjustable barrel truck. 2,439,581, Apr. 13.
Rocheville, Charles F., West Los Angeles, Calif. Combustion gas turbine. 2,439,695, Apr. 13.
Roedel, Milton J., Talleyville, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azines as olefin polymerization catalysts. 2,439,528, Apr. 13.
Roper, Charles G., Fairfield, Conn., assignor to Mafining, Maxwell & Moore, Incorporated, New York, N. Y. Air volume controller. 2,439,673, Apr. 13.
Rosenthal, Fritz, Bellmawr, N. J., assignor to Radio Corporation of America. Preparation of silver foil. 2,439,489, Apr. 13.
Rothe, William H., Irvington, N. J. Hairpin. 2,439,436, Apr. 13.
Ruch, Eugene, Farmington, Mich. Tool holder. 2,439,635, Apr. 13.
St. Pierre, Eugene, Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Pick. 2,439,759, Apr. 13.
Sanborn, John W.: *See*—
Boerner, Thomas J. and Sanborn.
Saracchi, Vicente A. P., Buenos Aires, Argentina. Steering handle. 2,439,636, Apr. 13.
Schaal, Alvin H., Butte, Mont. Cylinder cap. 2,439,696, Apr. 13.
Scheineman, Fred W., assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion system. 2,439,582, Apr. 13.
Schell, Roger E., West Collingswood, N. J., assignor to Radio Corporation of America. Check circuit for inspection apparatus. 2,439,490, Apr. 13.
Schering Corporation, assignee: *See*—
Schwenk, Erwin, and Papa.
Schiffl, Charles, Montclair, N. J. Enclosed electroplating tank. 2,439,491, Apr. 13.
Schmid, William, and W. E. Fillmore, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Stripping means for molds. 2,439,782, Apr. 13.
Schramm, Milton E., Edwardsville, Ill., assignor to Shell Development Company, San Francisco, Calif. Flow-ratio meter. 2,439,614, Apr. 13.
Schuck, Carl L., Drexel Hill, Pa., assignor to General Electric Company. Current limiting fuse. 2,439,674, Apr. 13.
Schutz, Harold R., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Burn-off method. 2,439,754, Apr. 13.
Schwenk, Erwin, Montclair, N. J., and D. Papa, Brooklyn, N. Y., assignors to Schering Corporation, Bloomfield, N. J. Preparation of meta-substituted phenols. 2,439,375, Apr. 13.
Schwinn, Frank W., Chicago, Ill. Quadricycle. 2,439,755, Apr. 13.
Scott, Laurie J., Chilliwack, British Columbia, Canada. Device for dispensing lump sugar. 2,439,697, Apr. 13.
Searle, G. D., & Co., assignee: *See*—
Crosley, Raymond W. and R.
Seeloff, Melvin M., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Flash welder construction. 2,439,783, Apr. 13.
Segal, Samuel, New York, N. Y., assignor to Wilson-Jones Company, Chicago, Ill. Loose-leaf binder. 2,439,675, Apr. 13.
Selberling Latex Products Company, assignee: *See*—
Sidnell, Albert E.
Seitz, Warren W., Wilkinsburg, assignor to The Union Switch and Signal Company, Swissvale, Pa. Interlocking line-circuit railway traffic controlling apparatus. 2,439,676, Apr. 13.
Shaff, Ernest H., assignor to Keller Tool Company, Grand Haven, Mich. Impact clutch. 2,439,756, Apr. 13.
Shaler, Saul, Jackson Heights, Long Island, N. Y. Level. 2,439,698, Apr. 13.
Shamah, Israel, Maida Vale, London, England. Amusement device consisting of interwoven adjustable picture bands. 2,439,583, Apr. 13.
Shanley, Edward S., Kenmore, and H. G. Hyatt, Buffalo, assignors to Buffalo Electro-Chemical Company, Inc., Tonawanda, N. Y. Preparation of acetyl peroxide. 2,439,399, Apr. 13.
Shapiro, Carl L., Crafton, Pa., assignor, by mesne assignments, to Lynnwood Laboratories, Inc., Newark, N. J. Coating composition comprising a vinyl halide resin and a hydroxy polycarboxylic acid. 2,439,677, Apr. 13.
Sharratt, Albert G.: *See*—
Sharratt, John G. and A. G.
Sharratt, John G. and A. G., West Bromwich, England. Boring apparatus. 2,439,492, Apr. 13.
Shelby Cycle Company, The, assignee: *See*—
Smith, Leon A.
Shell Development Company, assignee: *See*—
Morris, Rupert C., Van Winkle, and Snider.
Schramm, Milton E.

Short, William S.: *See*—
Sowerby, George A., and Short.
Shumann, Harold F., Pittsburgh, Pa. Bag adapted for display by suspension. 2,439,584, Apr. 13.
Sidnell, Albert E., Akron, assignor to Selberling Latex Products Company, Barberton, Ohio. Perforated rubber laundry bag. 2,439,757, Apr. 13.
Silverman, Willie, Jacksonville, Fla. Preventing duplication of marks on laundry. 2,439,679, Apr. 13.
Simmons, Leon E., Claremont, N. H., assignor to Joy Manufacturing Company. Cutter chain. 2,439,400, Apr. 13.
Simon, Gerald H., San Francisco, Calif. Hat. 2,439,700, Apr. 13.
Simplex Time Recorder Co., assignee: *See*—
Menton, Eugene L.
Skobel, Max: *See*—
Lanzalotti, Samuel J., and Skobel.
Smith, Charles G., Medford, assignor to Raytheon Manufacturing Company, Newton, Mass. Magnetron oscillator of the resonant cavity type. 2,439,401, Apr. 13.
Smith, Leon A., assignor to The Shelby Cycle Company, Shelby, Ohio. Pedestal mounted circumferentially traveling shoe type tire mounting device. 2,439,615, Apr. 13.
Smith, Maurice, Co., Inc., assignee: *See*—
Smith, William H.
Smith, Percy C., assignor to The Exhibit Supply Company, Chicago, Ill. Vending machine. 2,439,550, Apr. 13.
Smith, William H., Warwick, assignor to Maurice C. Smith Co., Inc., Providence, R. I. Double boot. 2,439,493, Apr. 13.
Smoot, John H., Darien, Conn., assignor to Trans-Lux Corporation, New York, N. Y. Controller. 2,439,699, Apr. 13.
Snider, Alva V.: *See*—
Morris, Rupert C., Van Winkle, and Snider.
Snow-Nabstedt Gear Corporation, The, assignee: *See*—
Nabstedt, Arthur T.
Snow, Virgil L., assignor to The Euclid Road Machinery Co., Euclid, Ohio. Semistationary tail gate for rear dump bodies. 2,439,585, Apr. 13.
Society of Chemical Industry in Basle, assignee: *See*—
Kern, Walter.
Socony-Vacuum Oil Company, Incorporated, assignee: *See*—
Happel, John.
Houston, Victor E., and Oblad.
Sorrentino, Antonio M., Brooklyn, N. Y. Antiskid jacking device for vehicles. 2,439,758, Apr. 13.
Sowerby, George A., Newcastle-on-Tyne, and W. S. Short, Seaton Burn, Newcastle-on-Tyne, assignors to George Angus & Company Limited, Newcastle-on-Tyne, England Belting. 2,439,586, Apr. 13.
Sperry Corporation, The, assignee: *See*—
Hansen, William W.
Hansen, William W., and Varian.
Sperry Gyroscope Company, Limited, The, assignee: *See*—
Nisbet, Robert H., and Glenny.
Square D Company, assignee: *See*—
Jackson, John G.
Stahly, Eldon E., assignor to Koppers Company, Inc., Pittsburgh, Pa. Manufacture of dienes. 2,439,587, Apr. 13.
Standard Oil Company, assignee: *See*—
Scheineman, Fred W.
Standard Steel Works, assignee: *See*—
Cellwork, William E.
Steel Shot Producers, Inc., assignee: *See*—
Gow, James T.
Klein, Harold L., and Courtright.
Steinmeyer, John W., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Preparing weldable ferrous members having high carbon faces. 2,439,637, Apr. 13.
Stephenson, Hyrum, Tracy, Calif. Direction signal for motor vehicles. 2,439,588, Apr. 13.
Sterling Industries Limited, assignee: *See*—
Thomas, Percival E.
Sterling Tool Products Company, assignee: *See*—
Crosby, Stephen A.
Stevenson, Andrew, Los Angeles, Calif. Hanger for garments, wearing apparel, etc. 2,439,529, Apr. 13.
Stilwell, William E., Jr., Cincinnati, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Combined electromagnetic and thermal circuit breaker. 2,439,402, Apr. 13.
Stone, Roy A., assignor to National Lock Co., Rockford, Ill. Lid and tray supporting hinge. 2,439,494, Apr. 13.
Stop-Motion Devices Corp., assignee: *See*—
Vossen, Edward.
Stribley, Josephine M.: *See*—
Lake, George R., and Stribley.
Strutt, Maximiliaan J. O., A. van der Ziel, and A. J. W. M. van Overbeek, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn. Circuit arrangement for amplifying or generating ultra high frequency oscillation. 2,439,638, Apr. 13.
Stuart, Alfred A., Jr., Hasbrouck Heights, assignor to Bendix Aviation Corporation, Teterboro, N. J. Induction system. 2,439,701, Apr. 13.
Stubblebine, Warren: *See*—
Bare, Martin K., and Stubblebine.
Stull, John S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for forming glass beads on metallic elements. 2,439,437, Apr. 13.
Sturm, Ralph E., assignor to The Burdick Corporation, Milton, Wis. Heart beat rate indicating apparatus. 2,439,495, Apr. 13.
Sundell, Carl H., Ithaca, N. Y. Socket connection for radio tubes. 2,439,589, Apr. 13.
Superior Concrete Accessories, assignee: *See*—
Hillberg, Bror.
Swazy, Earl F.: *See*—
Hensel, Franz R., Larsen, and Swazy.
Szantay, Daniel, Chicago, Ill. Flashlight. 2,439,496, Apr. 13.
Tate, Thomas J., Talladega, Ala. Automatic fire alarm system. 2,439,502, Apr. 13.
Taylor & Hobson Limited, assignee: *See*—
Cooke, Ernest A.
Taylor-Winfield Corporation, The, assignee: *See*—
Seeloff, Melvin M.
Tea, Clark A., Detroit, Mich. Cushion spring and making the same. 2,439,530, Apr. 13.
Teetor, Ralph R., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring. 2,439,702, Apr. 13.
Telkowski, Edward D., Milwaukee, Wis. Accordion with amplifier attachment. 2,439,551, Apr. 13.
Television Associates, Inc., assignee: *See*—
Eddy, William C.
Ter Meer, Herman: *See*—
Quigley, Herbert, and Ter Meer.
Texas Company, The, assignee: *See*—
Goldsby, Arthur R., and Clarke.
Oosterhout, Johan C. D.
Tholstrup, Henry L., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Carriage spacing means for signal-controlled printing apparatus. 2,439,497, Apr. 13.
Thomas, Charles A., Fort Wayne, Ind., assignor to General Electric Company. Current collector contact member. 2,439,678, Apr. 13.
Thomas, Percival E., Worcester Park, assignor to Sterling Industries Limited, London, England. Self-sealing pipe coupling. 2,439,760, Apr. 13.
Thompson, Oscar T., Neenah, Wis., and D. D. Feagles, Niagara Falls, N. Y., assignors to International Cellucotton Products Company, Chicago, Ill. Apparatus for softening sanitary napkin pads. 2,439,761, Apr. 13.
Thomson, Leslie, Minneapolis, Minn. Holder for pressing irons. 2,439,438, Apr. 13.
Thornhill, Fred S.: *See*—
Amon, Fred H., and Thornhill.
Tide Water Associated Oil Company, assignee: *See*—
Gebauer, Adam H.
Tilly, James O., Tulsa, Okla. Envelope and package opener. 2,439,639, Apr. 13.
Tomlemire, Benjamin F., La Fayette, Calif. Matrix retainer. 2,439,703, Apr. 13.
Tognola, Tullio, Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Spark plug electrode structure. 2,439,590, Apr. 13.
Toledo Scale Company, assignee: *See*—
Gaul, Blair H.
Williams, Lawrence S.
Townes, Charles H.: *See*—
Darlington, Sidney, Townes, and Wooldridge.
Trans-Lux Corporation, assignee: *See*—
Smoot, John H.
Trangott Paul, assignor to Electro-Physical Laboratories, Inc., New York, N. Y. Electrocardiograph. 2,439,640, Apr. 13.
Travilla, James C., Jr., Swarthmore, Pa., and W. C. Krautheim, Normandy, Mo., assignors to General Steel Castings Corporation, Granite City, Ill. Retractable coupler for locomotive structures. 2,439,762, Apr. 13.
Truby, Harry A., Jr.: *See*—
Bludworth, Joseph E., Robeson, and Truby.
Turco Products, Inc., assignee: *See*—
Robertson, Harry M.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin control for weft replenishing mechanism. 2,439,704, Apr. 13.
Union Oil Company of California, assignee: *See*—
Lake, George R., and Stribley.
Union Starch & Refining Company, assignee: *See*—
Fetzer, Walter R.
Union Switch and Signal Company, The, assignee: *See*—
Seitz, Warren W.
Volz, Carl.
United Aircraft Corporation, assignee: *See*—
Buck, Richard S., and Ledwith.
Cooper, Kenneth C.
Kalitinsky, Andrew.
Meitzler, Donald E.
United Shoe Machinery Corporation, assignee: *See*—
Gookin, Sylvester L.
Ray, Eugene J.
United States Rubber Company, assignee: *See*—
Cunningham, Marion M.
Gamache, Armand R.
Urmetz, Walter W., Parma, assignor to The Ferro Engineering Company, Cleveland, Ohio. Hot top stripper. 2,439,705, Apr. 13.

Van der Ziel, Aldert: *See*—
Strutt, Maximiliaan J. O., van der Ziel, and van Overbeek.
Van Overbeek, Adrianus J. W. M.: *See*—
Strutt, Maximiliaan J. O., van der Ziel, and van Overbeek.
Van Winkle, John L.: *See*—
Morris, Rupert C., Van Winkle, and Snider.
Varian, Russell H.: *See*—
Hansen, William W., and Varian.
Victoreen, Charles J. H., Dayton, Ohio. Variable inductive tuner. 2,439,403, Apr. 13.
Volz, Carl, Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Control circuits for vacuum tubes. 2,439,680, Apr. 13.
Vossen, Edward, assignor to Stop-Motion Devices Corp., Brooklyn, N. Y. Slide-controlled stop motion. 2,439,591, Apr. 13.
Waldes Koh-I-Noor, Inc., assignee: *See*—
Feiti, Rudolf, and Wurzel.
Walker, James D., Aurora, Ill., assignor to The American Well Works. Water treating apparatus. 2,439,764, Apr. 13.
Walker, Joseph F., Westfield, N. J., and T. E. Londergan, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Supported metal acetylide catalyst. 2,439,765, Apr. 13.
Wallace, Frank C., North Hollywood, assignor to H. H. Heibush, Los Angeles, Calif. Sheet metal clamp. 2,439,531, Apr. 13.
Wallace, Russell B., Plymouth, Mich. Fuel injecting pump. 2,439,498, Apr. 13.
Wallgren, Johan V., and D. V. L. Lindström, Stockholm, Sweden. Temporarily repairing electric cables damaged by moisture. 2,439,592, Apr. 13.
Walters, Russell W., assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio. Indicator for play of gyro rotors in frames. 2,439,552, Apr. 13.
War, United States of America, as represented by the Secretary of, assignee: *See*—
Lanzalotti, Samuel J., and Skobel.
Washburn Company, The, assignee: *See*—
Aleks, Vytant.
Weissman, Eugene, Baltimore, Md. Audible and visual electrical signaling device. 2,439,766, Apr. 13.
Wermine, Hugo H., Wheaton, Ill., assignor to Belden Manufacturing Company. Electrical connector. 2,439,767, Apr. 13.
West, Charles A., Southbridge, Mass. Temperature controlled actuating mechanism. 2,439,706, Apr. 13.
Western Condensing Company, assignee: *See*—
Peebles, David D., and Marquis.
Western Electric Company, Incorporated, assignee: *See*—
Johnson, Joel R.
Paulson, Christian.
Stull, John S.
Weyerhaeuser Timber Company, assignee: *See*—
Edwards, Miles L., MacBain, and Johnson.
Wheeler, Harold A., Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill. Arrangement for conducting heat and high-frequency currents. 2,439,641, Apr. 13.
White, Mayfield C., New York, N. Y. Adjustable hose holder. 2,439,642, Apr. 13.
Whiting, John A., and D. V. Whitney, Jr., Kansas City, Mo., assignors to Armour and Company, Chicago, Ill. Anthelmintic compositions. 2,439,532, Apr. 13.
Whitney, David V., Jr.: *See*—
Whiting, John A., and Whitney.
Wicker, Dan B., Dunbar, W. Va., assignor to American Viscose Corporation, Wilmington, Del. Production of alkali metal and alkaline earth metal hydroxides. 2,439,404, Apr. 13.
Wiley, Fred E.: *See*—
Canfield, Robert W., Wiley, and Guerreiro.
Wilkes, Benjamin G., Jr., Wilkinsburg, Pa., assignor to Carbide and Carbon Chemicals Corporation. Extraction of hydrocarbons. 2,439,534, Apr. 13.
Williams, Alfred L. W., and W. J. Brown, Cleveland Heights, assignors to The Brush Development Company, Cleveland, Ohio. Piezoelectric motor. 2,439,499, Apr. 13.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Hydraulic weighing scale. 2,439,533, Apr. 13.
Wilson, Ellsworth M., Southport, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Filter. 2,439,535, Apr. 13.
Wilson-Jones Company, assignee: *See*—
Segal, Samuel.
Winn, Roy W., Kansas City, Mo. Selectively controlled light shielding liquid system for multiple window construction. 2,439,553, Apr. 13.
Wolf, Robert W.: *See*—
D'Ardenne, Walter H., Devore, Wolf, and Boyd.
Wolfe, Morton B., Norwood, assignor to Berger Bros. Company, Philadelphia, Pa. Conductor pipe hook. 2,439,616, Apr. 13.
Wood Conversion Company, assignee: *See*—
Heritage, Clark C.
Pauley, Robert D.
Wood, Richard T., Memphis, Tenn. Bridging switch for testing series light circuits. 2,439,500, Apr. 13.
Woodward Governor Company, assignee: *See*—
Bovey, Donald E.
Wooldridge, Dean E.: *See*—
Darlington, Sidney, Townes, and Wooldridge.
Worthen, Eugene P., Braintree, F. S. Barbour, Wollaston, and S. R. Putnam, North Quincy, Mass., assignors, by mesne assignments, to Buena Vista Iron Company. Separator. 2,439,536, Apr. 13.
Wright, Roger E., San Antonio, Tex. Automobile bumper support for outboard motors. 2,439,707, Apr. 13.
Wurzel, Hugo: *See*—
Feiti, Rudolf and Wurzel.
Yale & Towne Manufacturing Company, The, assignee: *See*—
Framhein, Herbert J.
Quayle, George.
Yelkin, Herman J., Long Beach, Calif. Assembling resilient grommets to gear shift selector arms. 2,439,501, Apr. 13.
York, Otto H.: *See*—
Goodloe, Alfred M., and York.
Young, Irvin, Falmouth, Ky. Combination tie plate and rail joint. 2,439,593, Apr. 13.
Young, Lloyd W.: *See*—
Miller, Alfred, and Young.
Zalkind, Joseph, New York, N. Y. Bookkeeping appliance. 2,439,537, Apr. 13.
Zierdt, Conrad H., Jr., Pittsburgh, Pa. Pulse counting relay system. 2,439,405, Apr. 13.
Zieschang, Richard, assignor to The Pyrene Company Limited, Brentford, England. Fire-extinguishing pump. 2,439,763, Apr. 13.

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Book end. A. Leva. 149,280–3, Apr. 13.
Bottle, Perfume. B. A. Shapiro. 149,313–16, Apr. 13.
Bracelet or similar article. A. Philippe. 149,297–8, Apr. 13.
Braid. L. Beer and H. Stern. 149,246, Apr. 13.
Brooch or similar article. H. Armao. 149,241, Apr. 13.
Brooch or similar article. N. Barbieri. 149,242, Apr. 13.
Brooch or similar article. G. J. Lederer. 149,275–9, Apr. 13.
Brooch or similar article. A. Philippe. 149,295, Apr. 13.
Brooch or similar article. W. G. Schreiber. 149,311, Apr. 13.
Brooch or similar article, Chatelaine. A. Katz. 149,270, Apr. 13.
Building. A. T. Moore. 149,292, Apr. 13.
Camera, Photographic film. J. A. Henne. 149,267, Apr. 13.
Casing, Space heater. J. O. Reinecke. 149,300–2, Apr. 13.
Clip and pencil, Combined tie. R. B. Maxwell. 149,288, Apr. 13.
Cooler or similar article, Water. J. J. Corey. 149,257, Apr. 13.
Display stand and perfume bottles, Combined. V. Civita. 149,251, Apr. 13.
Display stand or similar article. M. H. Newman. 149,294, Apr. 13.
Dress. R. Maliuk. 149,286–7, Apr. 13.
Dress ensemble. J. Kipness. 149,272, Apr. 13.
Electric irradiation device of the like. J. Radinsky. 149,299, Apr. 13.
Extractor, Juice. A. M. Travis. 149,319–21, Apr. 13.
Figurine. L. C. Danz. 149,260, Apr. 13.
Fountain pen clip or similar article. F. Ferber. 149,263, Apr. 13.
Gauge, Height measuring. J. E. Sonnhalter. 149,318, Apr. 13.
Grater. E. H. Daniels. 149,259, Apr. 13.
Handbag or similar article. H. Morris. 149,293, Apr. 13.
Hanger, Garment. H. B. Young. 149,327, Apr. 13.
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Light fixture. C. A. Trowbridge. 149,323, Apr. 13.
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Necklace or similar article. A. Philippe. 149,296, Apr. 13.
Nozzle, Vacuum cleaner. J. G. Lippincott. 149,285, Apr. 13.
Ornament, Desk. V. Brown. 149,248–9, Apr. 13.
Overall, Lady's one-piece. H. C. Cookman. 149,256, Apr. 13.
Peeler, Vegetable and fruit. L. R. Meyran. 149,290, Apr. 13.
Perfume diffuser. H. Cobbs. 149,252, Apr. 13.
Plaque, Advertising. C. Kompas. 149,273, Apr. 13.
Plate or similar article, Dinner. J. T. Wigley. 149,325, Apr. 13.
Refrigerator. N. Achs. 149,240, Apr. 13.
Sandglass. M. L. Lavine. 149,274, Apr. 13.
Spoon or other article of flatware. E. J. Conroy. 149,253–5, Apr. 13.
Spoon or other article of flatware. A. A. Dabrowski. 149,258, Apr. 13.
Stopper or similar article, Perfume bottle. J. Herbst. 149,268, Apr. 13.
Sweater. J. Rosenfeld. 149,303–7, Apr. 13.
Temple member for spectacles or similar articles. M. Schwartz. 149,312, Apr. 13.
Theatre. C. G. Moeller. 149,291, Apr. 13.
Theatre. A. R. Walker. 149,324, Apr. 13.
Toy, Airplane. T. A. Schaad. 149,308, Apr. 13.
Tray. G. Wortman. 149,326, Apr. 13.
Tray, Ash. L. Grey. 149,265, Apr. 13.
Tray or similar article, Sandwich. L. Sonn. 149,317, Apr. 13.
Trimming, Embroidered. H. Kaufman. 149,271, Apr. 13.
Velocipede. W. M. Bashaw and W. O. Dixon. 149,243–4, Apr. 13.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 13TH DAY OF APRIL, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrasive disc holder. G. A. Olsen. 2,439,751, Apr. 13.
Accordion with amplifier attachment. E. D. Teikowski. 2,439,551, Apr. 13.
Acid components from organic liquids, Removing. J. C. D. Oosterhout. 2,439,670, Apr. 13.
Acoustic device. H. Horne. 2,439,736, Apr. 13.
Adhesive sheet material, Pressure-sensitive. J. B. Martin. 2,439,481, Apr. 13.
Adipic acid process. C. H. Hamblet and A. McAlevy. 2,439,513, Apr. 13.
Adjustable bracket. F. D. Irwin. 2,439,624, Apr. 13.
Adjustable hose holder. M. C. White. 2,439,642, Apr. 13.
Adjustable microscope eyepiece mounting. H. N. Ott. 2,439,526, Apr. 13.
Adjustment mechanism for microscopes. H. M. Porter. 2,439,485, Apr. 13.
Air filter for polishing machines. S. A. Crosby. 2,439,596, Apr. 13.
Air-heating device for fireplaces. A. B. Austin. 2,439,503, Apr. 13.
Alarm switch. W. C. Eddy. 2,439,509, Apr. 13.
Alkali metal and alkaline earth metal hydroxides, Production of. D. B. Wicker. 2,439,404, Apr. 13.
Alkylation of benzene by long chain polymeric olefins using sulfuric acid catalyst. J. J. Donleavy and M. M. Balzer. 2,439,457, Apr. 13.
Aluminum bromide, Manufacture of. V. E. Houston and A. G. Oblad. 2,439,737, Apr. 13.
Ammoniation of fertilizers. F. G. Keenen and R. L. Dodge. 2,439,432, Apr. 13.
Amusement device consisting of interwoven adjustable picture bands. I. Shamah. 2,439,583, Apr. 13.
Anthelmintic compositions. J. A. Whiting and D. V. Whitney, Jr. 2,439,532, Apr. 13.
Apparatus and method for flanging metal-clad fibrous base panels. G. H. Norquist. 2,439,397, Apr. 13.
Apparatus and method for softening sanitary napkin pads. O. T. Thompson and D. D. Feagles. 2,439,761, Apr. 13.
Apparatus and process for the cultivation of microorganisms. S. B. Levin. 2,439,572, Apr. 13.
Apparatus for controlling pressure bands. G. D. Marcy. 2,439,779, Apr. 13.
Apparatus for facing and truing abrasive articles. E. P. Dahlstrom. 2,439,771, Apr. 13.
Apparatus for forming glass beads on metallic elements. J. S. Stull. 2,439,437. Apr. 13.
Apparatus for forming solidified particles from molten material. H. L. Klein and J. L. Courtright. 2,439,776, Apr. 13.
Apparatus for handling viscose solutions. H. O. Davidson. 2,439,619, Apr. 13.
Apparatus for laying roll roofing. E. W. Ankney. 2,439,681, Apr. 13.
Apparatus for molding articles of wax. R. E. Christian. 2,439,506, Apr. 13.
Apparatus for molding pipe coverings. H. Finley. 2,439,724, Apr. 13.
Apparatus for production of ammonium sulphate. C. Otto. 2,439,547, Apr. 13.
Arc welding apparatus. W. C. Johnson. 2,439,740, Apr. 13.
Arch support device. J. Matlas. 2,439,545, Apr. 13.
Arrangement for conducting heat and high-frequency currents. H. A. Wheeler. 2,439,641, Apr. 13.
Artificial body members. F. V. Eberle and H. Hansen. 2,439,507, Apr. 13.
Assembling resilient grommets to gear shift selector arms. H. J. Yelkin. 2,439,501, Apr. 13.
Attachment for well drilling derricks. H. J. Broers. 2,439,714, Apr. 13.
Attachment for mortise machines. D. N. Brown. 2,439,558, Apr. 13.
Attenuation control network. R. B. Dome. 2,439,651, Apr. 13.
Automatic filter apparatus. F. J. Reinhart. 2,439,633, April 13.
Automatic fire alarm system. T. J. Tate. 2,439,502, Apr. 13.
Automatic warmer for musical instruments. P. M. Bredice. 2,439,713, Apr. 13.
Automobile bumper support for outboard motors. R. E. Wright. 2,439,707, Apr. 13.
Axially engaging friction clutch. A. T. Nabstedt. 2,439,611, Apr. 13.
Azines as olefin polymerization catalysts. M. J. Roedel. 2,439,528, Apr. 13.
Bag adapted for display by suspension. H. F. Shumann. 2,439,584, Apr. 13.
Bar support and spacer, Combined. B. Hillberg. 2,439,428, Apr. 13.
Basket, Bicycle. V. Aleks. 2,439,376, Apr. 13.
Battery container for airplanes. P. F. Good. 2,439,464, Apr. 13.
Bearing lubricator. C. T. Asbury. 2,439,709, Apr. 13.
Belting. G. A. Sowerby and W. S. Short. 2,439,586, Apr. 13.
Billfold having interlocked end and edge flaps, Multipocketed. E. K. Renz. 2,439,579, Apr. 13.
Billfold with interlocked pocket forming flaps, Stitchless. E. K. Renz. 2,439,580, Apr. 13.
Binder, Loose-leaf. S. Segal. 2,439,675, Apr. 13.
Block: *See*—
Cutting block.
Bobbin control for weft replenishing mechanism. R. G. Turner. 2,439,704, Apr. 13.
Boiling out steam boilers prior to placing them in operation and composition therefor. W. W. Cerna. 2,439,784, Apr. 13.
Bombsight, Computing. S. Darlington, C. H. Townes, and D. E. Wooldridge. 2,439,381, Apr. 13.
Bookkeeping appliance. J. Zalkind. 2,439,537, Apr. 13.
Boot, Double. W. H. Smith. 2,439,493, Apr. 13.
Bore gauge. E. A. Cooke. 2,439,595, Apr. 13.
Boring apparatus. J. G. and A. G. Sharratt. 2,439,492, Apr. 13.
Bracket: *See*—
Adjustable bracket.
Brassière. A. A. Glasser. 2,439,567, Apr. 13.
Burn-off method. H. R. Schutz. 2,439,754, Apr. 13.
Bushing unit, Grommet insulating. S. J. Lanzalotti and M. Skobel. 2,439,394, Apr. 13.
Cable guided member for limit stop weights, Adjustable. R. B. Hunter. 2,439,738, Apr. 13.
Cap: *See*—
Cylinder cap.
Carbon black, Making hydrophilic. F. H. Amon and F. S. Thornhill. 2,439,442, Apr. 13.
Carriage, Baby. S. and N. J. Kroll. 2,439,544, Apr. 13.
Carriage spacing means for signal-controlled printing apparatus. H. L. Tholstrup. 2,439,497, Apr. 13.
Case shift mechanism for typewriting machines, Power operated. R. D. Dodge. 2,439,456, Apr. 13.
Casting apparatus compensating for shrinkage of the cast material. P. Campbell and W. H. Maxwell. 2,439,450, Apr. 13.
Casting apparatus for vibrating molds. I. E. Aske. 2,439,443, Apr. 13.
Catalyst, Supported metal acetylide. J. F. Walker and T. E. Londergan. 2,439,765, Apr. 13.
Catalytic conversion system. F. W. Scheineman. 2,439,582, Apr. 13.
Catch, Cupboard. H. Quigley and H. Ter Meer. 2,439,549, Apr. 13.
Cathode-ray tube and circuit, Flat beam. L. F. Broadway. 2,439,504, Apr. 13.
Cement and making the same, Disinfectant hydraulic. C. R. Amberg and W. J. Knapp. 2,439,441, Apr. 13.
Cement, Making disinfectant hydraulic. C. R. Amberg and W. J. Knapp. 2,439,440, Apr. 13.
Centrifugal pump. O. C. Norton. 2,439,577, Apr. 13.
Chain: *See*—
Cutter chain.
Chain and making the same. R. S. Miller. 2,439,522, Apr. 13.
Check circuit for inspection apparatus. R. E. Schell. 2,439,490, Apr. 13.
Chuck and face-plate for grinding machines. F. and T. D. Kidd. 2,439,662, Apr. 13.
Circuit arrangement for amplifying or generating ultra high frequency oscillation. M. J. O. Strutt, A. van der Ziel, and A. J. W. M. van Overbeek. 2,439,638, Apr. 13.
Clamp: *See*—
Combination toggle and Sheet metal clamp.
cam clamp.
Closet, Glass-lined metal shelf wall. A. Marchand. 2,439,664, Apr. 13.
Clutch: *See*—
Axially engaging friction Impact clutch.
clutch.
Coating composition comprising a vinyl halide resin and a hydroxy polycarboxylic acid. C. L. Shapiro. 2,439,677, Apr. 13.
Coating composition, Fire-resistant. M. Leatherman. 2,439,395–6, Apr. 13.
Code entry controlling means for accumulators, Combination. H. S. Beattie. 2,439,445, Apr. 13.

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Perfume diffuser. H. Cobbs. 149,252, Apr. 13.
Plaque, Advertising. C. Kompas. 149,273, Apr. 13.
Plate or similar article, Dinner. J. T. Wigley. 149,325, Apr. 13.
Refrigerator. N. Achs. 149,240, Apr. 13.
Sandglass. M. L. Lavine. 149,274, Apr. 13.
Spoon or other article of flatware. E. J. Conroy. 149,253–5, Apr. 13.
Spoon or other article of flatware. A. A. Dabrowski. 149,258, Apr. 13.
Stopper or similar article, Perfume bottle. J. Herbst. 149,268, Apr. 13.
Sweater. J. Rosenfeld. 149,303–7, Apr. 13.
Temple member for spectacles or similar articles. M. Schwartz. 149,312, Apr. 13.
Theatre. C. G. Moeller. 149,291, Apr. 13.
Theatre. A. R. Walker. 149,324, Apr. 13.
Toy, Airplane. T. A. Schaad. 149,308, Apr. 13.
Tray. G. Wortman. 149,326, Apr. 13.
Tray, Ash. L. Grey. 149,265, Apr. 13.
Tray or similar article, Sandwich. L. Sonn. 149,317, Apr. 13.
Trimming, Embroidered. H. Kaufman. 149,271, Apr. 13.
Velocipede. W. M. Bashaw and W. O. Dixon. 149,243–4, Apr. 13.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 13TH DAY OF APRIL, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrasive disc holder. G. A. Olsen. 2,439,751, Apr. 13.
Accordion with amplifier attachment. E. D. Telkowski. 2,439,551, Apr. 13.
Acid components from organic liquids, Removing. J. C. D. Oosterhout. 2,439,670, Apr. 13.
Acoustic device. H. Horne. 2,439,736, Apr. 13.
Adhesive sheet material, Pressure-sensitive. J. B. Martin. 2,439,481, Apr. 13.
Adipic acid process. C. H. Hamblet and A. McAlevy. 2,439,513, Apr. 13.
Adjustable bracket. F. D. Irwin. 2,439,624, Apr. 13.
Adjustable hose holder. M. C. White. 2,439,642, Apr. 13.
Adjustable microscope eyepiece mounting. H. N. Ott. 2,439,526, Apr. 13.
Adjustment mechanism for microscopes. H. M. Porter. 2,439,485, Apr. 13.
Air filter for polishing machines. S. A. Crosby. 2,439,596, Apr. 13.
Air-heating device for fireplaces. A. B. Austin. 2,439,503, Apr. 13.
Alarm switch. W. C. Eddy. 2,439,509, Apr. 13.
Alkali metal and alkaline earth metal hydroxides, Production of. D. B. Wicker. 2,439,404, Apr. 13.
Alkylation of benzene by long chain polymeric olefins using sulfuric acid catalyst. J. J. Donleavy and M. M. Balzer. 2,439,457, Apr. 13.
Aluminum bromide, Manufacture of. V. E. Houston and A. G. Oblad. 2,439,737, Apr. 13.
Ammoniation of fertilizers. F. G. Keenen and R. L. Dodge. 2,439,432, Apr. 13.
Amusement device consisting of interwoven adjustable picture bands. I. Shamah. 2,439,583, Apr. 13.
Anthelmintic compositions. J. A. Whiting and D. V. Whitney, Jr. 2,439,532, Apr. 13.
Apparatus and method for flanging metal-clad fibrous base panels. G. H. Norquist. 2,439,397, Apr. 13.
Apparatus and method for softening sanitary napkin pads. O. T. Thompson and D. D. Feagles. 2,439,761, Apr. 13.
Apparatus and process for the cultivation of microorganisms. S. B. Levin. 2,439,572, Apr. 13.
Apparatus for controlling pressure bands. G. D. Marcy. 2,439,779, Apr. 13.
Apparatus for facing and truing abrasive articles. E. P. Dahlstrom. 2,439,771, Apr. 13.
Apparatus for forming glass beads on metallic elements. J. S. Stull. 2,439,437. Apr. 13.
Apparatus for forming solidified particles from molten material. H. L. Klein and J. L. Courtright. 2,439,776, Apr. 13.
Apparatus for handling viscose solutions. H. O. Davidson. 2,439,619, Apr. 13.
Apparatus for laying roll roofing. E. W. Ankney. 2,439,681, Apr. 13.
Apparatus for molding articles of wax. R. E. Christian. 2,439,506, Apr. 13.
Apparatus for molding pipe coverings. H. Finley. 2,439,724, Apr. 13.
Apparatus for production of ammonium sulphate. C. Otto. 2,439,547, Apr. 13.
Arc welding apparatus. W. C. Johnson. 2,439,740, Apr. 13.
Arch support device. J. Matlas. 2,439,545, Apr. 13.
Arrangement for conducting heat and high-frequency currents. H. A. Wheeler. 2,439,641, Apr. 13.
Artificial body members. F. V. Eberle and H. Hansen. 2,439,507, Apr. 13.
Assembling resilient grommets to gear shift selector arms. H. J. Yelkin. 2,439,501, Apr. 13.
Attachment for well drilling derricks. H. J. Broers. 2,439,714, Apr. 13.
Attachment for mortise machines. D. N. Brown. 2,439,558, Apr. 13.
Attenuation control network. R. B. Dome. 2,439,651, Apr. 13.
Automatic filter apparatus. F. J. Reinhart. 2,439,633, April 13.
Automatic fire alarm system. T. J. Tate. 2,439,502, Apr. 13.
Automatic warmer for musical instruments. P. M. Bredice. 2,439,713, Apr. 13.
Automobile bumper support for outboard motors. R. E. Wright. 2,439,707, Apr. 13.
Axially engaging friction clutch. A. T. Nabstedt. 2,439,611, Apr. 13.
Azines as olefin polymerization catalysts. M. J. Roedel. 2,439,528, Apr. 13.
Bag adapted for display by suspension. H. F. Shumann. 2,439,584, Apr. 13.
Bar support and spacer, Combined. B. Hillberg. 2,439,428, Apr. 13.
Basket, Bicycle. V. Aleks. 2,439,376, Apr. 13.
Battery container for airplanes. P. F. Good. 2,439,464, Apr. 13.
Bearing lubricator. C. T. Asbury. 2,439,709, Apr. 13.
Belting. G. A. Sowerby and W. S. Short. 2,439,586, Apr. 13.
Billfold having interlocked end and edge flaps, Multipocketed. E. K. Renz. 2,439,579, Apr. 13.
Billfold with interlocked pocket forming flaps, Stitchless. E. K. Renz. 2,439,580, Apr. 13.
Binder, Loose-leaf. S. Segal. 2,439,675, Apr. 13.
Block: *See*—
Cutting block.
Bobbin control for weft replenishing mechanism. R. G. Turner. 2,439,704, Apr. 13.
Boiling out steam boilers prior to placing them in operation and composition therefor. W. W. Cerna. 2,439,784, Apr. 13.
Bombsight, Computing. S. Darlington, C. H. Townes, and D. E. Wooldridge. 2,439,381, Apr. 13.
Bookkeeping appliance. J. Zalkind. 2,439,537, Apr. 13.
Boot, Double. W. H. Smith. 2,439,493, Apr. 13.
Bore gauge. E. A. Cooke. 2,439,595, Apr. 13.
Boring apparatus. J. G. and A. G. Sharratt. 2,439,492, Apr. 13.
Bracket: *See*—
Adjustable bracket.
Brassière. A. A. Glasser. 2,439,567, Apr. 13.
Burn-off method. H. R. Schutz. 2,439,754, Apr. 13.
Bushing unit, Grommet insulating. S. J. Lanzalotti and M. Skobel. 2,439,394, Apr. 13.
Cable guided member for limit stop weights, Adjustable. R. B. Hunter. 2,439,738, Apr. 13.
Cap: *See*—
Cylinder cap.
Carbon black, Making hydrophilic. F. H. Amon and F. S. Thornhill. 2,439,442, Apr. 13.
Carriage, Baby. S. and N. J. Kroll. 2,439,544, Apr. 13.
Carriage spacing means for signal-controlled printing apparatus. H. L. Tholstrup. 2,439,497, Apr. 13.
Case shift mechanism for typewriting machines, Power operated. R. D. Dodge. 2,439,456, Apr. 13.
Casting apparatus compensating for shrinkage of the cast material. P. Campbell and W. H. Maxwell. 2,439,450, Apr. 13.
Casting apparatus for vibrating molds. I. E. Aske. 2,439,443, Apr. 13.
Catalyst, Supported metal acetylide. J. F. Walker and T. E. Londergan. 2,439,765, Apr. 13.
Catalytic conversion system. F. W. Scheineman. 2,439,582, Apr. 13.
Catch, Cupboard. H. Quigley and H. Ter Meer. 2,439,549, Apr. 13.
Cathode-ray tube and circuit, Flat beam. L. F. Broadway. 2,439,504, Apr. 13.
Cement and making the same, Disinfectant hydraulic. C. R. Amberg and W. J. Knapp. 2,439,441, Apr. 13.
Cement, Making disinfectant hydraulic. C. R. Amberg and W. J. Knapp. 2,439,440. Apr. 13.
Centrifugal pump. O. C. Norton. 2,439,577, Apr. 13.
Chain: *See*—
Cutter chain.
Chain and making the same. R. S. Miller. 2,439,522, Apr. 13.
Check circuit for inspection apparatus. R. E. Schell. 2,439,490. Apr. 13.
Chuck and face-plate for grinding machines. F. and T. D. Kidd. 2,439,662, Apr. 13.
Circuit arrangement for amplifying or generating ultra high frequency oscillation. M. J. O. Strutt, A. van der Ziel, and A. J. W. M. van Overbeek. 2,439,638, Apr. 13.
Clamp: *See*—
Combination toggle and Sheet metal clamp.
cam clamp.
Closet, Glass-lined metal shelf wall. A. Marchand. 2,439,664, Apr. 13.
Clutch: *See*—
Axially engaging friction Impact clutch.
clutch.
Coating composition comprising a vinyl halide resin and a hydroxy polycarboxylic acid. C. L. Shapiro. 2,439,677, Apr. 13.
Coating composition, Fire-resistant. M. Leatherman. 2,439,395–6, Apr. 13.
Code entry controlling means for accumulators, Combination. H. S. Beattie. 2,439,445, Apr. 13.

Collar, Wash check. G. E. Roberts. 2,439,488, Apr. 13.
Combination lock. A. M. Finck. 2,439,461, Apr. 13.
Combination toggle and cam clamp. H. H. Merriman. 2,439,483, Apr. 13.
Composite structures. L. R. Herndon. 2,439,514, Apr. 13.
Composition comprising caprolactam for printing nylon fiber. C. F. Miller. 2,439,745, Apr. 13.
Compressed wire units, Producing. A. M. Goodloe and O. H. York. 2,439,424, Apr. 13.
Concrete mixer. G. Jaeger. 2,439,774, Apr. 13.
Condenser: *See*—
Electrical condenser.
Conductor arrangement for current distribution. J. G. Jackson. 2,439,471, Apr. 13.
Conductor pipe hook. M. B. Wolfe. 2,439,616, Apr. 13.
Conduit for hot gas power plants, Pressurized protective. A. Kalitinsky. 2,439,473, Apr. 13.
Connecting means. B. H. Gaul. 2,439,510, Apr. 13.
Container: *See*—
Dispensing container.
Control circuit for signal recording and reproducing systems. S. J. Begun. 2,439,446, Apr. 13.
Control circuits for vacuum tubes. C. Volz. 2,439,680, Apr. 13.
Control for plural retractable fuel burners. H. C. Mittendorf. 2,439,609, Apr. 13.
Control system for aircraft, Automatic. R. H. Nisbet and A. P. Glenny. 2,439,750, Apr. 13.
Control system for feeding fuel to furnaces. P. S. Dickey. 2,439,721, Apr. 13.
Control unit, Synchronized. R. W. Kerr. 2,439,393, Apr. 13.
Controller. J. H. Smoot. 2,439,699, Apr. 13.
Controller, Air volume. C. G. Roper. 2,439,673, Apr. 13.
Conversion of saturated aliphatic carboxylic amides to nitriles. W. F. Gresham. 2,439,426, Apr. 13.
Cooking apparatus. M. J. Napier. 2,439,780, Apr. 13.
Corn syrup manufacture, Solid. W. R. Fetzer. 2,439,384, Apr. 13.
Cotton cleaning attachment for harvesters. J. C. Conrad. 2,439,718, Apr. 13.
Counting mechanism. H. C. Priest. 2,439,578, Apr. 13.
Coupler for locomotive structures, Retractable. J. C. Travilla, Jr., and W. C. Krautheim. 2,439,762, Apr. 13.
Coupling: *See*—
Fluid coupling. Universal coupling.
Self-sealing pipe coupling.
Cover for bed-forming structures. I. Pisciotta. 2,439,631, Apr. 13.
Cracking process to produce gaseous olefins. J. Happel. 2,439,730, Apr. 13.
Crystal element and fabricating same, Piezoelectric. C. K. Gravley. 2,439,466, Apr. 13.
Cultivator disc supporting assembly. J. Caffese. 2,439,449, Apr. 13.
Current collector contact member. C. A. Thomas. 2,439,678, Apr. 13.
Current wheel. J. M. Morris. 2,439,575, Apr. 13.
Cushion spring and making the same. C. A. Tea. 2,439,530, Apr. 13.
Cutter chain. L. E. Simmons. 2,439,400, Apr. 13.
Cutter-head, Rotary. E. J. Ray. 2,439,486, Apr. 13.
Cutting attachment, Multiple thermochemical. S. N. Libby. 2,439,629, Apr. 13.
Cutting block. L. F. Exley. 2,439,652, Apr. 13.
Cyclonite purification. J. G. Burtle and W. H. Brandt. 2,439,648, Apr. 13.
Cylinder cap. A. H. Schaal. 2,439,696, Apr. 13.
Decoy, Collapsible wild fowl. W. A. Banigan. 2,439,710, Apr. 13.
Degasser for internal combustion engines. M. Mallory. 2,439,573, Apr. 13.
Dehydration process. J. E. Bludworth, M. O. Robeson, and H. A. Truby, Jr. 2,439,416, Apr. 13.
Deodorizing composition of matter for food storage compartments. C. J. Burgess. 2,439,538, Apr. 13.
Device for dispensing lump sugar. L. J. Scott. 2,439,697, Apr. 13.
Dewaxing oils, Method and apparatus for. H. O. Lindgren. 2,439,434, Apr. 13.
Dialkyl esters of dicarboxylic acids, Preparing. W. F. Gresham. 2,439,425, Apr. 13.
Dialkylated polyhydric phenols, Production of. E. R. Erickson. 2,439,421, Apr. 13.
Dienes, Manufacture of. E. E. Stahly. 2,439,587, Apr. 13.
Dinnerware finishing apparatus. W. J. Miller. 2,439,407, Apr. 13.
Dispensing container. T. F. Kolts. 2,439,627, Apr. 13.
Dowel pin. F. W. McKay. 2,439,692, Apr. 13.
Draw bar. C. B. Kasboske. 2,439,518, Apr. 13.
Drier discharge, Controlling. F. L. Litty, Jr. 2,439,741, Apr. 13.
Drying apparatus. W. Dreisel. 2,439,722, Apr. 13.
Drive for air compressors. H. J. Findley. 2,439,686, Apr. 13.
Drive for pumps. H. L. Poston. 2,439,693, Apr. 13.
Driving mechanism. F. Miller. 2,439,520, Apr. 13.
Duplication of marks on laundry, Preventing. W. Silverman. 2,439,679, Apr. 13.
Dyestuffs, Anthraquinone vat. W. Kern. 2,439,626, Apr. 13.
Electric contact. F. R. Hensel, E. I. Larsen, and E. F. Swazy. 2,439,570, Apr. 13.
Electric outlet. H. A. Abraham. 2,439,708, Apr. 13.
Electric plug and socket latch. L. Frank. 2,439,462, Apr. 13.
Electric switch. R. G. Nelson. 2,439,747, Apr. 13.
Electrical condenser. W. M. Roberds. 2,439,672, Apr. 13.
Electrical connector. H. H. Wermine. 2,439,767, Apr. 13.
Electrical control system. J. H. Homrighous. 2,439,735, Apr. 13.
Electrical measurement of displacement. D. E. Bovey. 2,439,711, Apr. 13.
Electrical safety device. L. E. Robey. 2,439,634, Apr. 13.
Electrical signaling device, Audible and visual. E. Weissman. 2,439,766, Apr. 13.
Electrically indicating liquid filled manometer. H. A. Brown and H. Gotlob. 2,439,770, Apr. 13.
Electrocardiograph. P. Traugott. 2,439,640, Apr. 13.
Electrode coordinator, Electro encephalograph. M. A. Bullington. 2,439,559, Apr. 13.
Electromagnetic and thermal circuit breaker, Combined. W. E. Stilwell, Jr. 2,439,402, Apr. 13.
Electronic tuning control. W. W. Hansen and R. H. Varian. 2,439,387, Apr. 13.
Enclosed electroplating tank. C. Schiffl. 2,439,491, Apr. 13.
Engine: *See*—
Heat engine.
Engine of the reaction type, Rotary gas. G. C. Cooke. 2,439,717, Apr. 13.
Exchanger, Heat. W. W. Kennedy. 2,439,775, Apr. 13.
Eyeleting machine. S. L. Gookin. 2,439,465, Apr. 13.
Film control for automatic shutter on moving picture projector. L. Mannon. 2,439,691, Apr. 13.
Filter. E. M. Wilson. 2,439,535, Apr. 13.
Fine adjustment of microscope objective. H. N. Ott. 2,439,525, Apr 13.
Fire-extinguishing pump. R. Zieschang. 2,439,763, Apr. 13.
Fishing lure. W. E. Himottu. 2,439,621, Apr. 13.
Fishing tackle. G. C. Clark. 2,439,451, Apr. 13.
Fitting, Plumbing. C. H. Brady. 2,439,712, Apr. 13.
Flashlight. D. Szantay. 2,439,496, Apr. 13.
Flexible pocket receptacle. D. J. Broughton. 2,439,715, Apr. 13.
Float-operated switch. C. N. Reavis. 2,439,753, Apr. 13.
Flow meter. R. B. Engdahl. 2,439,723, Apr. 13.
Flow-ratio meter. M. E. Schramm. 2,439,614, Apr. 13.
Fluid coupling. H. Nutt. 2,439,630, Apr. 13.
Fluid pressure control mechanism for airplane deicers. W. A. Eaton. 2,439,458, Apr. 13.
Fluid pump. C. C. Buckner. 2,439,448, Apr. 13.
Foil, Preparation of silver. F. Rosenthal. 2,439,489, Apr. 13.
Foot support. M. Johnson. 2,439,625, Apr. 13.
Frequency-determining unit, Multistage plug-in. D. H. Mitchell. 2,439,412, Apr. 13.
Fuel injecting pump. R. B. Wallace. 2,439,498, Apr. 13.
Fuel tank. M. M. Cunningham. 2,439,562, Apr. 13.
Fur pelt or skin stretching apparatus. C. H. Donner. 2,439,419, Apr. 13.
Furniture. R. E. Lippenberger. 2,439,690, Apr. 13.
Fuse, Current limiting. C. L. Schuck. 2,439,674, Apr. 13.
Galvanometer movable coil support. M. E. Morrow. 2,439,576, Apr. 13.
Garment for infants, Bed. I. Holloway. 2,439,658, Apr. 13.
Gauge: *See*—
Bore gauge.
Gauge of dial indicator type, Contour and depth. B. Egor. 2,439,565, Apr. 13.
Gauging-device actuated light-beam responsive selecting apparatus. E. F. Martinec. 2,439,406, Apr. 13.
Gauging dispensing device, Article. G. A. Kruse. 2,439,475, Apr. 13.
Gear mechanism, Reducing. F. Miller. 2,439,521, Apr. 13.
Generator: *See*—
Pulse generator.
Granules, Making. C. W. Cuno. 2,439,650, Apr. 13.
Guard, Saw. L. C. Hall. 2,439,568, Apr. 13.
Gun mount, Mobile. W. H. D'Ardenne, W. Devore, R. W. Wolf, and T. E. Boyd. 2,439,564, Apr. 13.
Gyroscope stabilizing mechanism. C. T. Davenport. 2,439,418, Apr. 13.
Hairpin. W. H. Rothe. 2,439,436, Apr. 13.
Hand rail and reed holder. A. A. Gordon. 2,439,688, Apr. 13.
Handle: *See*—
Steering handle.
Hanger for garments, wearing apparel, etc. A. Stevenson. 2,439,529, Apr. 13.
Hat. G. H. Simon. 2,439,700, Apr. 13.
Heat engine. F. Nettel. 2,439,748, Apr. 13.
Heater: *See*—
Immersible electrical heater.
Heating apparatus, Induction. J. R. Johnson. 2,439,517, Apr. 13.
High-frequency apparatus. T. J. Boerner and J. W. Sanborn. 2,439,682, Apr. 13.
Hinge, L'd and tray supporting. R. A. Stone. 2,439,494, Apr. 13.

Holder: *See*—
Abrasive disc holder. Hand rail and reed holder.
Adjustable hose holder. Tool holder.
Holder for microtomes, Knife. H. N. Ott. 2,439,671, Apr. 13.
Holder for pressing irons. L. Thomson. 2,439,438, Apr. 13.
Hollow articles from oriented polymer, Forming. R. W. Canfield, F. E. Wiley, and A. M. Guerreiro. 2,439,716, Apr. 13.
Hood, Field jacket. J. De Grazia. 2,439,382, Apr. 13.
Hook: *See*—
Conductor pipe hook.
Hook attachment for ladders. G. K. Hurd. 2,439,430, Apr. 13.
Hydraulic gun. A. R. Gamache. 2,439,566, Apr. 13.
Hydrocarbons, Extraction of. B. G. Wilkes, Jr. 2,439,534, Apr. 13.
Immersible electrical heater. R. C. Belgau. 2,439,617, Apr. 13.
Impact clutch. E. H. Shaff. 2,439,756, Apr. 13.
Incubator. R. B. P. Crawford. 2,439,719, Apr. 13.
Indexing telescope for electron diffraction instruments. C. H. Bachman. 2,439,644, Apr. 13.
Indicating apparatus, Heart beat rate. R. E. Sturm. 2,439,495, Apr. 13.
Indicator. G. O. Leggett and C. Nathan. 2,439,476, Apr. 13.
Indicator for play of gyro rotors in frames. R. W. Walters. 2,439,552, Apr. 13.
Indicator for pneumatic tires, Pressure. P. A. Cressey. 2,439,561, Apr. 13.
Induction system. A. A. Stuart, Jr. 2,439,701, Apr. 13.
Induction system for multicylinder opposed piston engines. T. Jackson. 2,439,472, Apr. 13.
Ink, Printing. O. P. Berberich. 2,439,378, Apr. 13.
Ink, Printing. E. F. Carman and O. P. Berberich. 2,439,380, Apr. 13.
Insulating confined spaces. C. C. Heritage. 2,439,601–4, Apr. 13.
Ironing board leg and brace structure. E. C. Booth. 2,439,769, Apr. 13.
Jacking device for vehicles, Antiskid. A. M. Sorrentino. 2,439,758, Apr. 13.
Jarring mechanism for conveyer flights. S. M. Mercier. 2,439,574, Apr. 13.
Joint: *See*—
Universal joint.
Key, Cotter. J. A. MacLean, Jr., and B. F. Money. 2,439,778, Apr. 13.
Laminated electrical insulating material, Making. K. N. Mathes. 2,439,667, Apr. 13.
Lamp, Candle. O. D. Guilfoil, Jr. 2,439,467, Apr. 13.
Latching or tripping mechanism of circuit breakers. F. S. Green. 2,439,511, Apr. 13.
Laundry bag, Perforated rubber. A. E. Sidnell. 2,439,757, Apr. 13.
Level. S. Shaler. 2,439,698, Apr. 13.
Lifting mechanism for industrial trucks. H. J. Framhein. 2,439,599, Apr. 13.
Light shielding liquid system for multiple window construction, Selectively controlled. R. W. Winn. 2,439,553, Apr. 13.
Loaf dividing mechanism, Sliced. J. Hexter and W. E. Lanham. 2,439,657, Apr. 13.
Lock: *See*—
Combination lock.
Log turning apparatus. M. L. Edwards, D. K. MacBain, and L. M. Johnson. 2,439,508, Apr. 13.
Loudspeaker diaphragm support. J. F. Marquis. 2,439,666, Apr. 13.
Lubricator: *See*—
Bearing lubricator.
Lumber, Spliced. H. C. Graham. 2,439,655, Apr. 13.
Machine for winding bobbins. B. Marcellus. 2,439,519, Apr. 13.
Magnetron oscillator of the resonant cavity type. C. G. Smith. 2,439,401, Apr. 13.
Matrix retainer. B. F. Tollemire. 2,439,703, Apr. 13.
Mepacrine dihydrochloride dihydrate, Preparing. A. G. Murray. 2,439,746, Apr. 13.
Meta-substituted phenols, Preparation of. E. Schwenk and D. Papa. 2,439,375, Apr. 13.
Meter: *See*—
Flow meter. Resonator wave meter.
Flow-ratio meter. Wave meter.
Methyl methacrylate compositions opaque to X-rays. S. A. Leuder and J. J. Gordon. 2,439,374, Apr. 13.
Milk sugar, Manufacture of. D. D. Peebles and T. V. Marquis. 2,439,612, Apr. 13.
Minnow, Artificial. F. H. Jobson. 2,439,391, Apr. 13.
Mixer: *See*—
Concrete mixer.
Mold for slide fasteners. J. N. Kuzmick. 2,439,433, Apr. 13.
Mold-in thread insert. H. J. Findley. 2,439,687, Apr. 13.
Motor: *See*—
Piezoelectric motor.
Motor fuel by alkylation with a light cracked naphtha, Manufacture of. A. R. Goldsby and L. A. Clarke. 2,439,600, Apr. 13.
Mounting: *See*—
Adjustable microscope eyepiece mounting. Vibration absorbing mounting.
Slide mounting.
Mute for musical instrument. T. J. Hermes. 2,439,733, Apr. 13.
N-alkyl thiamorpholines and derivatives. J. B. Niederl and W. F. Hart. 2,439,749, Apr. 13.
Nail sealing washer. R. L. Holcomb. 2,439,516, Apr. 13.
Needle, Knitting. R. F. Howe. 2,439,622, Apr. 13.
Nut, Lock. S. Bloomfield. 2,439,415, Apr. 13.
Oil additives, Lubricating. C. M. Himel and G. C. Bailey. 2,439,734, Apr. 13.
Oil for industrial purposes and manufacture thereof. H. M. Guinot and A. Courtier. 2,439,729, Apr. 13.
Oil-wax separator. A. H. Gebauer. 2,439,463, Apr. 13.
Opener, Envelope and package. J. O. Tilly. 2,439,639, Apr. 13.
Organic composition, Stabilized. R. C. Morris, J. L. Van Winkle, and A. V. Snider. 2,439,610, Apr. 13.
Oscillator, Ultra high frequency power. C. E. Hallmark. 2,439,512, Apr. 13.
Packaging, Moistureproof. R. R. Richardson, W. T. Ritter, and R. O. Ragan. 2,439,435, Apr. 13.
Packing insultaion material. R. D. Pauley. 2,439,605, Apr. 13.
Parachute harness. J. R. C. Quilter. 2,439,613, Apr. 13.
Pedestal mounted circumferentially traveling shoe type tire mounting device. L. A. Smith. 2,439,615, Apr. 13.
Perforator, Gun. W. R. Atwood. 2,439,643, Apr. 13.
Photoelectric tube and manufacturing same. A. Bramley. 2,439,647, Apr. 13.
Pick. E. St. Pierre. 2,439,759, Apr. 13.
Piezoelectric motor. A. L. W. Williams and W. J. Brown. 2,439,499, Apr. 13.
Pin: *See*—
Dowel pin.
Piston ring. T. E. McFall. 2,439,546, Apr. 13.
Piston ring. R. R. Teetor. 2,439,702, Apr. 13.
Plow, Rotary. L. C. Blackledge. 2,439,557, Apr. 13.
Plug and jack assembly. E. L. Mentor. 2,439,744, Apr. 13.
Polyfluorinated acrylonitriles. D. W. Chaney. 2,439,505, Apr. 13.
Powder dispenser and brush holder, Combined dental. F. J. Hofmann. 2,439,429, Apr. 13.
Power transmission mechanism, Reversible cyclic. H. T. Avery. 2,439,555, Apr. 13.
Precooling the lading of refrigerator cars comprising the reversal of air flow. F. J. Reilly. 2,439,487, Apr. 13.
Preparation for treating launderable fabric articles. H. Engler. 2,439,460, Apr. 13.
Preparation of acetyl peroxide. E. S. Shanley and H. G. Hyatt. 2,439,399, Apr. 13.
Preparation of multiend yarn packages. W. Bolton, Jr. 2,439,645, Apr. 13.
Preparing weldable ferrous members having high carbon faces. J. W. Steinmeyer. 2,439,637, Apr. 13.
Press: *See*—
Rotary printing press.
Press assembly. R. P. Frost. 2,439,725, Apr. 13.
Pulse generator. L. W. Hussey. 2,439,389, Apr. 13.
Pump: *See*—
Centrifugal pump. Fuel injecting pump.
Fire-extinguishing pump. Screened pump.
Fluid pump.
Pump or compressor. A. A. Mercer. 2,439,668, Apr. 13.
Pyridine carbonyl amides of the benzene series. P. F. Gross. 2,439,728, Apr. 13.
Quadricycle. F. W. Schwinn. 2,439,755, Apr. 13.
Quinazolones, Preparation of. A. Guenther and J. F. Morgan. 2,439,386, Apr. 13.
Radio time switch. A. W. Haydon. 2,439,732, Apr. 13.
Radio transmitting and receiving set, Portable. D. H. Mitchell. 2,439,408, Apr. 13.
Railway traffic controlling apparatus, Interlocking line-circuit. W. W. Seitz. 2,439,676, Apr. 13.
Receiver protective device. W. Hausz. 2,439,656, Apr. 13.
Receptacle: *See*—
Flexible pocket receptacle.
Receptacle. C. O. Ball. 2,439,768, Apr. 13.
Receptacle and supporter, Sanitary. E. N. Broderick. 2,439,683, Apr. 13.
Receptacle having pivotally supported units, Flexible pocket. G. R. Hawes. 2,439,731, Apr. 13.
Register, Air. A. W. Anderson. 2,439,554, Apr. 13.
Relay system, Pulse counting. C. H. Zierdt, Jr. 2,439,405, Apr. 13.
Repairing electric cables damaged by moisture, Temporarily. J. V. Wallgren and D. V. L. Lindström. 2,439,592, Apr. 13.
Resins, Chlorinated methylpolysiloxane. B. W. Nordlander. 2,439,669, Apr. 13.
Resonator wave meter. W. W. Hansen. 2,439,388, Apr. 13.
Ring: *See*—
Piston ring.
Ring ensemble, Engagement and wedding. L. Granat. 2,439,727, Apr. 13.
Rotary printing press. C. S. Crafts. 2,439,454, Apr. 13.
Rotary valve for internal-combustion engines. E. G. Grubbs. 2,439,540, Apr. 13.

Sand cores, Manufacture of. R. Dainty. 2,439,563, Apr. 13.
Sawing attachment for tractors, Tree felling and log. S. E. Irwin, Jr. 2,439,607, Apr. 13.
Scale, Hydraulic weighing. L. S. Williams. 2,439,533, Apr. 13.
Scooter. J. C. Bancroft. 2,439,556, Apr. 13.
Screened pump. R. H. Hopkins. 2,439,468, Apr. 13.
Screener, Citrus juice. W. R. Ketchum. 2,439,543, Apr. 13.
Sea wall, Retaining. J. Hurt. 2,439,606, Apr. 13.
Self-sealing pipe coupling. P. E. Thomas. 2,439,760, Apr. 13.
Separation of mercury by hydraulic concentration and screening. H. M. Robertson. 2,439,694, Apr. 13.
Separator: *See*—
Oil-wax separator.
Separator. E. P. Worthen, F. S. Barbour, and F. S. Putnam. 2,439,536, Apr. 13.
Sharpener for double-edged razor blades, with automatic blade-turning means. R. B. Bostwick. 2,439,646, Apr. 13.
Shearing tool. R. G. Fear. 2,439,422, Apr. 13.
Sheet metal clamp. F. C. Wallace. 2,439,531, Apr. 13.
Sheet registering mechanism for printing machines. W. K. Eckhard and E. W. Goodwin. 2,439,420, Apr. 13.
Shock absorber, Friction. H. B. Loewer. 2,439,478, Apr. 13.
Shock absorber, Friction. H. A. Miner. 2,439,484, Apr. 13.
Shoe construction, Shank reinforced. M. Kaufmann. 2,439,431, Apr. 13.
Shoulder-pad. I. de Satnick. 2,439,597, Apr. 13.
Shuttle for carpet looms. I. B. Bassingdale. 2,439,594, Apr. 13.
Signal combination for cargo airplanes, Locking and safety. H. D. Fowler. 2,439,423, Apr. 13.
Signal for motor vehicles, Direction. H. Stephenson. 2,439,588, Apr. 13.
Signal system, Brake-pressure responsive. J. D. Kennelly. 2,439,474, Apr. 13.
Signalling composition, Luminescent. A. Dinsley. 2,439,598, Apr. 13.
Signalling system, Self-synchronous. G. Agins. 2,439,414, Apr. 13.
Silvering surfaces. R. A. Gaiser and P. T. Mattimoe. 2,439,654, Apr. 13.
Slide mounting. T. M. Jablon. 2,439,390, Apr. 13.
Slide rule, Cryptographic. R. M. Mitchell. 2,439,413, Apr. 13.
Snare, Animal. R. S. Connor. 2,439,560, Apr. 13.
Socket connection for radio tubes. C. H. Sundell. 2,439,589, Apr. 13.
Socket, Electric. M. Goldberg. 2,439,385, Apr. 13.
Socket, Light. W. Majusick. 2,439,480, Apr. 13.
Sodium tetrathionate, Producing. R. W. Crosley and A. L. Raymond. 2,439,720, Apr. 13.
Solidified particles from molten material, Method and apparatus for forming. J. T. Gow. 2,439,772, Apr. 13.
Sound pickup unit. W. C. Eddy. 2,439,459, Apr. 13.
Sound reproducing device. J. F. Marquis. 2,439,665, Apr. 13.
Spacing mechanism for typewriting machines, Variable. C. T. Jackson. 2,439,470, Apr. 13.
Spark plug electrode structure. T. Tognola. 2,439,590, Apr. 13.
Spreader, Concrete. J. P. Faber. 2,439,620, Apr. 13.
Sprinkling hose support. C. B. Day. 2,439,684, Apr. 13.
Stall, Finger. W. J. Forbes. 2,439,653, Apr. 13.
Starting system for free piston engines. D. E. Meitzler. 2,439,482, Apr. 13.
Starting system for free-piston units. K. C. Cooper. 2,439,453, Apr. 13.
Steam distributor for vacuumizing containers in sealing machines. J. Hohl and O. Bjering. 2,439,773, Apr. 13.
Steering handle. V. A. P. Saracchi. 2,439,636, Apr. 13.
Stitching instrument, Surgical. L. H. Erickson. 2,439,383, Apr. 13.
Stop motion, Slide-controlled. E. Vossen. 2,439,591, Apr. 13.
Stopper, Bottle. D. G. Kopecky. 2,439,628, Apr. 13.
Stripper, Hot top. W. W. Urmetz. 2,439,705, Apr. 13.
Stripping means for molds. W. Schmid and W. E. Fillmore. 2,439,782, Apr. 13.
Subsoiler and aerator. S. M. McEwen. 2,439,743, Apr. 13.
Support: *See*—
Foot support.
Galvanometer movable coil support.
Loudspeaker diaphragm support.
Sprinkling hose support.
Support for vehicles. T. G. Howells. 2,439,623, Apr. 13.
Supports, Making. P. H. Planeta. 2,439,548, Apr. 13.
Swing, Rocker. E. A. Ramirez. 2,439,632, Apr. 13.
Switch: *See*—
Alarm switch.
Electric switch.
Float-operated switch.
Radio time switch.
Switch for testing series light circuits, Bridging. R. T. Wood. 2,439,500, Apr. 13.
Synchronizing device for cameras, Photoflash. W. Castedello. 2,439,417, Apr. 13.
System for navigating aircraft. H. M. Lewis. 2,439,663, Apr. 13.
System for providing an energizing direct current. D. H. Mitchell. 2,439,409, Apr. 13.
System for true amplitude modulation of a radio wave. D. B. Keever. 2,439,661, Apr. 13.
Tail gate for rear dump bodies, Semistationary. V. L. Snow. 2,439,585, Apr. 13.
Tall oil, Utilization of. M. K. Bare and W. Stubblebine. 2,439,377, Apr. 13.
Tank: *See*—
Enclosed electroplating tank.
Fuel tank.
Telegraph system provided with channel assurance and transmission regulation. E. Praizner. 2,439,398, Apr. 13.
Temperature controlled actuating mechanism. C. A. West. 2,439,706, Apr. 13.
Thermostatic device. R. W. De Lancey. 2,439,455, Apr. 13.
Thiophenes from hydrocarbons by azeotropic distillation, Separation of. G. R. Lake and J. M. Stribley. 2,439,777, Apr. 13.
Thread insert. H. J. Findley. 2,439,685, Apr. 13.
Tie plate and rail joint, Combination. I. Young. 2,439,593, Apr. 13.
Tire, Distortable circle. J. V. Martin. 2,439,742, Apr. 13.
Tones in photoelectric musical instruments, Generation of. E. M. Jones. 2,439,392, Apr. 13.
Tool: *See*—
Shearing tool.
Tool for handling open-ended retaining rings. R. Feltl and H. Wurzel. 2,439,785, Apr. 13.
Tool holder. E. Ruch. 2,439,635, Apr. 13.
Tooth structure, Replaceable. F. W. Gulbert and F. B. Fuller. 2,439,427, Apr. 13.
Toy propelled boat. I. Cohn. 2,439,649, Apr. 13.
Transmitter and receiver, Combined radio. D. H. Mitchell. 2,439,410, Apr. 13.
Truck body, Side dump. R. Abraham. 2,439,439, Apr. 13.
Truck, Hand lift. G. Quayle. 2,439,781, Apr. 13.
Truck, Vertically adjustable barrel. J. B. Robins. 2,493,581, Apr. 13.
Trunk and the like, Wheeled. R. Keil. 2,439,660, Apr. 13.
Tub attachment for washing machines, Auxiliary. H. F. Husted. 2,439,469, Apr. 13.
Tuner, Variable inductive. C. J. H. Victoreen. 2,439,403, Apr. 13.
Turbine bearing construction. R. S. Buck and W. A. Ledwith. 2,439,447, Apr. 13.
Turbine, Combustion gas. C. F. Rocheville. 2,439,695, Apr. 13.
Umbrella. A. P. Pfeil. 2,439,752, Apr. 13.
Universal coupling. A. Machmann. 2,439,479, Apr. 13.
Universal joint. C. E. Hathorn. 2,439,569, Apr. 13.
Valve for four-cycle engines, Combination intake and exhaust. F. J. Cloutier. 2,439,618, Apr. 13.
Valve for spray bars. W. E. Cellwork. 2,439,539, Apr. 13.
Valve for step-by-step servomotors. R. H. Hodgson 2,439,515, Apr. 13.
Valve mechanism for registers and the like. K. L. Babcock, and R. L. Leigh. 2,439,444, Apr. 13.
Valve mechanism, Piston-operated. A. J. Miller and L. W. Young. 2,439,523, Apr. 13.
Vehicle chassis bracket structure and wheel suspension and engine connections thereto. M. F. A. Jullen. 2,439,659, Apr. 13.
Vending machine. P. C. Smith. 2,439,550, Apr. 13.
Vibration absorbing mounting. C. Hussman. 2,439,739, Apr. 13.
Wagon, Self-unloading feed. M. V. Hall. 2,439,541, Apr. 13.
Warning device, Sound. B. L. J. F. Le Roux. 2,439,477, Apr. 13.
Washer: *See*—
Nail sealing washer.
Water detector for oil wells. R. S. Hunt. 2,439,542, Apr. 13.
Water injection system for aircraft. M. Bergman. 2,439,379, Apr. 13.
Water repellent, Rendering glass. J. F. Hyde. 2,439,689, Apr. 13.
Water treating apparatus. J. D. Walker. 2,439,764, Apr. 13.
Wave meter. C. Paulson. 2,439,527, Apr. 13.
Wave-signal space-communication set, Portable two-way. D. H. Mitchell. 2,439,411, Apr. 13.
Weeder, Tubular hand garden. E. E. Moore. 2,439,524, Apr. 13.
Weighing apparatus, Elevator load. O. A. Krauer. 2,439,608, Apr. 13.
Welder construction, Flash. M. M. Seeloff. 2,439,783, Apr. 13.
Wheel: *See*—
Current wheel.
Window sash construction. S. Galuska. 2,439,726, Apr. 13.
Wringer. F. A. Conterman. 2,439,452, Apr. 13.
Wrinkle removing device. G. J. Julian. 2,439,571, Apr. 13.

CLASSIFICATION OF PATENTS

ISSUED APRIL 13, 1948

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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282— 29: 2,439,537
284— 19: 2,439,760
285— 210: 2,439,712
292— 29: 2,439,549
294— 25: 2,439,653
296— 27: 2,439,544
298— 7: 2,439,439
23: 2,439,565
308— 19: 2,439,449
187: 2,439,709
309— 45: 2,439,546
2,439,702
312— 48: 2,439,475
56: 2,439,580
77: 2,439,627
94: 2,439,607
112: 2,439,664
315— 14: 2,439,504
38: 2,439,682
39: 2,439,512
77: 2,439,474
320— 25: 2,439,409
343— 104: 2,439,663
346— 33: 2,439,446

This list shows the correct classification of those patents wherein the classification given in the patent head has been changed.

2,439,374: 250—108
2,439,390: 40—158
2,439,419: 69— 27
2,439,427: 74—437
2,439,433: 18— 36
2,439,438: 248—117.7
2,439,439: 298— 7
2,439,446: 346— 33
2,439,447: 253— 69
2,439,450: 22—134
2,439,468: 103—180
2,439,470: 197— 66
2,439,471: 171—119
2,439,474: 315— 77
2,439,498: 123—140
2,439,504: 315— 14
2,439,505: 260—465.2
2,439,512: 315— 39
2,439,540: 123— 59
2,439,541: 214—83.16
2,439,542: 73—155
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2,439,550: 312— 56
2,439,557: 97— 41
2,439,566: 222— 23
2,439,600: 196— 52
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2,439,634: 171— 97
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2,439,654: 117— 35
2,439,657: 198— 31
2,439,665: 181— 32
2,439,669: 204—158
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2,439,704: 139—245
2,439,730: 196— 55
2,439,736: 46—182
2,439,764: 210— 26
2,439,765: 252—223.3
2,439,773: 226— 68
2,439,775: 257—126

Classification of Designs

D 1—12: Des. 149,273
D 3— 4: Des. 149,303
Des. 149,304
Des. 149,305
Des. 149,306
Des. 149,307
17: Des. 149,256
26: Des. 149,272
Des. 149,286
Des. 149,287
32: Des. 149,246
D 9— 2: Des. 149,285
D13— 1: Des. 149,291
Des. 149,292
Des. 149,324

D16— 2: Des. 149,252
Des. 149,261
D22— 3: Des. 149,290
D29—23: Des. 149,248
Des. 149,249
Des. 149,260
D33— 1: Des. 149,280
Des. 149,281
Des. 149,282
Des. 149,283
D34—15: Des. 149,243
Des. 149,244
Des. 149,269
Des. 149,308
D42— 7: Des. 149,262

D42— 7: Des. 149,274
D44—10: Des. 149,317
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15: Des. 149,325
25: Des. 149,310
D45— 4: Des. 149,297
Des. 149,298
16: Des. 149,296
19: Des. 149,241
Des. 149,242
Des. 149,270
Des. 149,275
Des. 149,276
Des. 149,277
Des. 149,278

D45—19: Des. 149,279
Des. 149,295
Des. 149,311
D48—20: Des. 149,299
23: Des. 149,245
D52— 1: Des. 149,318
D54—12: Des. 149,253
Des. 149,254
Des. 149,255
Des. 149,258
D57— 1: Des. 149,312
D58— 6: Des. 149,313
Des. 149,315
Des. 149,316
8: Des. 149,314

D58—10: Des. 149,268
D61— 1: Des. 149,247
Des. 149,267
D64—12: Des. 149,250
D67— 3: Des. 149,240
4: Des. 149,257
D72— 1: Des. 149,323
D74— 1: Des. 149,263
24: Des. 149,288
D80— 8: Des. 149,327
9: Des. 149,251
Des. 149,294
D81—10: Des. 149,264
Des. 149,266
Des. 149,284

D81—19: Des. 149,300
Des. 149,301
Des. 149,302
D83— 1: Des. 149,289
Des. 149,309
D85— 2: Des. 149,265
D87— 3: Des. 149,293
D89— 1: Des. 149,259
Des. 149,319
Des. 149,320
Des. 149,321
D90— 8: Des. 149,322
D92— 1: Des. 149,271

U. S. GOVERNMENT PRINTING OFFICE: 1948

Condition of Applications Under Examination at Close of Business Mar. 19, 1948

(Total number of applications awaiting action, exclusive Trade-Mark Division, 152,288; Trade-Mark Division, 33,941. Oldest new case, Apr. 6, 1946; oldest amended, Mar. 4, 1946.)

DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action: New	Amended	Applications awaiting action
1. GOLDBERG, A. J., Food Apparatus; Closure Operators; Fences; Gates; Planters; Plows; Harrows and Diggers; Plant Husbandry; Scattering Unloaders; Baths, Closets, Sinks, and Spittoons, Sewerage.	June 15	July 11	3,585
2. HERRMANN, D., Fishing, Trapping and Vermin Destroying; Bee Culture; Dairy; Animal Husbandry; Presses; Tobacco; Textile Wringers; Butchering.	May 3	Apr. 12	4,094
3. MARMELSTEIN, N., Metal Founding and Treatment; Metallurgy (Process and Apparatus)	†June 10	†Jan. 25	1,530
4. BISHOP, WALTER C., Conveyors; Hoists; Handling Apparatus; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Pneumatic Dispatch; Store Service; Mining, Quarrying, and Ice Harvesting.	Aug. 2	July 12	3,611
5. ROBINSON, C. W., Harvesters; Acoustics; Sound Recording; Knotters	Apr. 15	Apr. 22	1,885
6. SURLE, H., Carbon Chemistry (part)	†June 2	†May 7	1,806
7. HANLIN, GEORGE, Optics; Photographic Apparatus	†May 22	†Jan. 28	1,765
8. IMUS, A. E., Furniture; Racks and Cabinets	June 4	May 13	4,096
9. BENSON, R. B., Pumps and Fans; Fluid and Fluid-Current Motors	Aug. 19	Apr. 19	2,359
10. ANDRUS, L. M., Radiant Energy (part, e. g., Portable Radio Sets, Radio Accessories, Detectors, Oscillation Generators, Wave Meters, Tuners); Music; Modulators; Piezo-electric Crystals.	†Apr. 11	†Mar. 19	1,396
11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus.	†June 19	†July 5	828
12. SPINTMAN, S., Machine Elements (part); Engine Starters; Motor Control with Clutch or Brake; Transmission with Clutch or Brake.	†May 23	June 24	2,027
13. BEALL, T. E., Gear Cutting, Milling, Planing, Metal Working (part); Needle and Pin Making; Turning	June 3	May 1	2,488
14. FREEHOF, H. B., Metal Working (Bending; Sheet-Metal; Wire; Misc. Processes); Wire Fabrics; Farriery	†Mar. 31	†Feb. 4	1,205
15. HENKIN, B., Plastics; Plastic Block and Earthenware Apparatus; Glass	Oct. 5	May 3	1,962
16. LOVEWELL, N. N., Telegraphy, Telephony	†June 4	Oct. 29	1,842
17. HABECKER, LEON B., Paper Manufactures; Typewriters; Printing; Type Casting and Setting; Sheet Material Associating or Folding; Sheet or W[illegible] Feeding.	Oct. 17	July 24	1,858
18. KURZ, J. A., Motors, Expansible-Chamber Type; Power Plants; Speed Responsive Devices; Rotary Internal-Combustion Engines.	Aug. 28	Apr. 23	1,746
19. PATRICK, P. L., Liquid and Gaseous Fuel Burners; Stoves and Furnaces	Aug. 16	Aug. 27	1,863
20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Undertaking; Bread, Pastry, and Confection Making; Bank Protection; Safes; Tents, Canopies, Umbrellas and Canes.	Aug. 12	Aug. 3	2,068
21. MADER, R. C., Textiles	†Apr. 23	†Mar. 17	1,171
22. CARPENTER, B. H., Aeronautics; Firearms; Ordnance	Sept. 11	July 15	1,884
23. LEWIS, J. B., Cash Registers; Calculators and Counters; Education	July 3	May 28	1,344
24. LUSBY, CHARLES, Apparel; Apparel Apparatus; Package and Article Carriers; Sewing Machines	Nov. 4	Aug. 5	2,365
25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Distillation.	†Feb. 24	June 14	1,759
26. YOUNG, R. R., Electricity—Generation and Motive Power	†Mar. 15	July 30	1,433
27. JAMES, S., Brushing, Scrubbing; Fluid Treatment of Textiles (Apparatus); Liquid Treatment of Solids; General Cleaning; Ironing; Brush; Broom and Mop Making.	†Feb. 4	Aug. 30	3,045
28. SOLYOM, H. L., Heating; Metallurgical Apparatus; Internal-Combustion Engines (part); Cylinders; Pistons.	†Feb. 12	Oct. 29	1,212
29. SHKLARIN, J. B., Baggage; Cloth, Leather, and Rubber Receptacles; Button Making; Woodworking; Tools.	Oct. 21	June 25	2,973
30. BISHOFF, A., Automatic Temperature and Humidity Regulation; Illumination; Thermostats and Humidostats; Heating Systems; Ammunition and Explosive Devices.	†Apr. 18	Aug. 9	2,384
31. DUNCOMBE, C. S., Mineral Oils; Carbocyclic or Acyclic Carbon Compounds (part)—e. g., Ketones, Aldehydes, Ethers, Hydroxy Compounds, Hydrocarbons, Halogenated Hydrocarbons.	†June 10	†June 2	2,184
32. LESH, KARL R., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation; Agitating; Wells; Earth Boring.	Oct. 10	Apr. 30	2,907
33. KAUFFMAN, H. E., Bridges; Hydraulic and Earth Engineering; Building Structures; Roads and Pavements.	May 25	May 8	3,430
34. SAPERSTEIN, S., Electricity—Transmission to Vehicles; Railways; Track Sanders; Signals and Indicators.	Aug. 17	May 29	1,369
35. BROMLEY, E. D., Card and Sign Exhibiting; Dispensing; Filling and Closing Portable Receptacles; Ammunition and Explosive Charge Making.	Oct. 30	July 16	2,897
36. McFADYEN, A. D., Automatic Weighers; Measuring and Testing; Force Measuring	Apr. 14	Apr. 15	2,028
37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	†Apr. 15	Nov. 14	1,492
38. ARNOLD, D., Coating Processes and Apparatus; Coating or Plastic Compositions (part); Rubber	Nov. 23	Sept. 12	1,707
39. WHITNEY, F. I., Fluid-Pressure Regulators; Valves; Water Distribution	May 1	Apr. 8	2,843
40. DRUMMOND, E. J., Receptacles (part); Packages	†Apr. 9	Aug. 14	2,979
41. HERTZ, M., Recorders; Check-controlled Apparatus; Coin Handling; Article Dispensing Cabinets; Deposit Receptacles; Buckles, Buttons, Clasps.	May 7	May 4	2,734
42. MARANS, H., Electric Signaling; Variable Transformer and Reactor Structure; Electricity, Voltage Magnitude and Phase Control Systems.	†July 12	†June 18	862
43. STONE, I. G., Medicines, Poisons and Cosmetics; Explosive Compositions; Sugar and Starch; Bleaching and Dyeing; Fluid Treatment of Textiles; Hides, Skins and Leathers.	†June 2	†May 23	1,433
44. HARVEY, L. P., Refrigeration; Preserving	Apr. 6	Apr. 20	1,312
45. MANTER, W. B., Shafting and Flexible Shaft Couplings; Wheels, Tires, Axles and Wheel Substitutes; Lubrication; Bearings and Guides; Belt and Sprocket Gearing; Spring Devices; Land Vehicles (part); Spring, Weight and Horsepower Motors.	June 6	May 28	2,797
46. MUSHAKE, W. L., Concentrating Evaporators; Fluid Sprinkling, Spraying and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers; Kitchen and Table Articles.	Aug. 2	June 4	1,905

NOTE.—The dates given are 1946 except where † indicates 1947.

(Total number of applications awaiting action, excluding Trade-Mark Division, 152,388; Trade-Mark Division, 33,941. Oldest new case, Apr. 6, 1946; oldest amended, Mar. 4, 1946.)

DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action: New	Amended	Applications awaiting action
47. KANOF, WM. J., Motor Vehicles; Land Vehicles (part); Fluid Pressure Brakes	†May 1	Nov. 15	1,906
48. BERNSTEIN, S., Electricity, General Applications; Electric Igniters	Sept. 13	Aug. 31	1,540
49. SHEFFIELD, E. L., Drying and Gas or Vapor Contact with Solids; Ventilation; Liquid Separation or Purification.	†Jan. 17	Aug. 16	1,631
50. LEVIN, SAMUEL, Synthetic Resins	†June 11	Nov. 6	2,277
51. FRIEDMAN, M. H., Radiant Energy (part, e. g., Radio Transmission and Reception, Transmitters, Receivers, Antennae); Radiant Energy Communications.	†May 2	Sept. 16	1,825
52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Pipes and Tubular Conduits.	July 13	Aug. 16	3,872
53. BRINDISI, M. V., Label Pasting and Paper Hanging; Book Making; Manifolding; Printed Matter; Stationery; Paper Files and Binders; Cutlery; Closures, Partitions and Panels, Flexible and Portable.	Aug. 2	Mar. 15	3,686
54. STRACHAN, O. W., Electric Lamp and Discharge Devices, Systems. Structure, Manufacture and Repair; Light Sensitive Circuits; Ray Energy Applications.	†May 10	Dec. 26	1,829
55. BOWEN, S. T., Artificial Body Members; Dentistry; Surgery; Toilet	†Feb. 25	Apr. 5	1,814
56. COCKERILL, S., Electrical and Wave Energy Chemistry; Paper Making; Acetylene; Gas Mixing	†June 6	†Apr. 2	1,133
57. NICOLSON, G. D., Toys; Amusement and Exercising Devices; Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks.	May 27	May 27	3,584
58. DOWELL, E. F., Abrading; Bottles and Jars; Stone Working; Making Metal Tools and Implements	†Apr. 14	Nov. 12	1,302
59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Heterocyclic Compounds (part)	July 30	June 20	2,067
60. GLASS, R. L., Electricity—Heating; Welding; Furnaces; Battery Charging and Discharging; Consumable Electrode Lamp and Discharge Devices; Resistances and Rheostats; Prime Mover Dynamo Plants.	†June 3	Nov. 18	1,442
61. LANNAN, J., Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery; Boats, Buoys, Ships and Marine Propulsion.	Sept. 13	May 25	3,259
62. PUGH, E. C., Games; Tables; Mechanical Guns and Projectors	Oct. 18	June 11	1,552
63. WINKELSTEIN, A. H., Fermentation; Foods and Beverages; Heterocyclic Compounds (part); Oils and Fats.	†May 17	†Feb. 5	1,440
64. NASH, P. M., Compositions—Coating or Plastic (part); Fuel and Miscellaneous	†July 29	†July 30	1,821
65. McDERMOTT, F. P., Batteries; Electrical Conductors, Conduits, Insulators and Connectors	†July 11	†Jan. 27	1,049
66. LISANN, I., Geometrical Instruments	May 21	Mar. 4	2,266
67. KRAFFT, C. F., Laminated Fabrics; Photographic Processes and Products; Ornamentation	Oct. 19	July 18	1,993
68. BERMAN, H., Brakes, Boring and Drilling; Clutches and Power Stop Control	†Apr. 12	Nov. 22	1,563
69. GALVIN, D. J., Electricity—Wave Transmission, Repeaters and Relays (e. g., Amplifiers), Galvanometers and Meters.	†Apr. 17	Aug. 17	923
TRADE-MARKS: MERCHANT, J. H.	†July 7	†Sept. 4	33,941
DESIGNS: BREHM, G. L.	July 22	†Oct. 14	8,135

NOTE.—The dates given are 1946 except where † indicates 1947.

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE LEWENSTEIN

No. 5370. Decided January 6, 1948

[165 F.2d 458; 76 USPQ 322]

1. PRACTICE—EXAMINER'S FINDINGS OF FACT—EVIDENCE NECESSARY.

Where the Examiner in the consideration of technical features supplements his knowledge by the citation of a recognized standard authority, the accuracy of which has not been questioned, the appellant, if he had disagreed with any of the Examiner's findings of fact, had the opportunity under the Patent Office Rules of Practice to present pertinent evidence contradicting such findings.

2. PATENTABILITY—BROAD CLAIMS BASED ON SINGLE SPECIES.

Certain claims to an auro-thio-anilide of a carboxylic acid *Held* properly rejected as not supported by an adequate disclosure, and *Held* that broader claims which have no basis of disclosure, other than that of a single species are not allowable.

APPEAL from the Patent Office. Serial No. 376,841. AFFIRMED.

Asher Blum and *Raymond J. Mawhinney* for Lewenstein.

W. W. Cochran (*Joseph Schimmel* of counsel) for the Commissioner of Patents.

GARRETT, *P. J.*:

This is an appeal from the decision of the Board of Appeals of the United States Patent Office affirming the Examiner's rejection of two claims, numbered respectively, 18 and 19, of appellant's application for patent entitled "Improvements in Cold Compounds and Method of Making the Same."

Both claims are product claims. We reproduce claim 18 as representative.

18. As a new and improved compound, an auro-thio-anilide of a carboxylic acid, said compound having a straight carbon chain which has at least two carbon atoms, one terminal carbon atom of said chain being connected by a monovalent linkage to an Au S group, the other terminal carbon atom of said chain being linked by a divalent linkage to oxygen and being also linked by a monovalent linkage to a nitrogen atom, said nitrogen atom being linked by respective monovalent linkages to a hydrogen atom and also to a phenyl radical, said new compound being substantially insoluble in water and in lipoids, said new compound being soluble in body liquids other than lipoids, said new compound being sufficiently pure and non-toxic so that it can be safely injected into the human body, the anilide of the thio-derivative of said carboxylic acid being soluble in a solvent in which aurous bromide is also soluble.

Claim 18 is the broader of the appealed claims in that claim 19, as stated in the brief of the Solicitor for the Patent Office, "specifically lists * * * substituent groups of a particular class which have the effect of limiting the scope of the compounds defined in claim 18."

It is not suggested, however, that the difference in breadth or phraseology patentably distinguishes the appealed claims from each other; so they stand or fall together.

We quote the following explanatory matter from appellant's specification:

My invention relates to new and improved gold compounds, which are especially adapted for therapeutic use, and in particular, for treating tuberculosis, arthritis and other diseases in which gold compounds have heretofore been employed.

Another object of the invention is to provide gold compounds for therapeutic purposes which are substantially insoluble in water and in certain body liquids, such as the lipoids and muscular liquids, so that a large injection of the compound can be made at relatively long intervals, of about 2–3 months, whereas the gold compounds which are now used and which are soluble in water and in said body liquids, require biweekly or weekly injections.

A compound of the improved type can thus be injected into the body in a regulated dose, thus providing a continuous treatment for a long period, whereas the gold compounds which are now used, are absorbed quickly after each injection.

Two claims, numbered respectively, 1 and 17, stand allowed. No. 1 is for a product defined in the claim as "auro-thio-glycolic-acid-anilide." It was held to be specific to a compound the formula for which is set forth in the specification of the application. It is stated in appellant's brief that this particular product is being sold under the trademark "Lauron"; that it is sold only as an ethical preparation; and that it is administered only by physicians.

It appears that claim 1 was in the application as originally filed (being one of eight claims included therein and the only original claim allowed) and was, therefore, a part of appellant's original disclosure; that it was allowed by the Examiner in his first decision appearing of record; and that it stood allowed throughout the prosecution of the application in the Patent Office which covered a period of more than five years.

Allowed claim 17, which was finally substituted for original claim 5, is for "A method of making an organic gold compound which is substantially insoluble in water and in lipoids." The basic substance used in the method is the thio-glycolic-acid-anilide named in claim 1.

Neither allowed claim 17 nor the two rejected claims were included in the application as originally filed. The history of their introduction is hereinafter related.

It is noted that the product named in claim 18 is "an auro-thio-anilide of a carboxylic acid," and that the product in claim 19 is not given a scientific name but is referred to as "An improved compound." It

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contains a specified formula which did not appear in the specification as filed, nor in any amendment of the specification subsequently entered, so far as we have found.

It appears that during the prosecution of the application in the Patent Office certain patents were cited as references and these are listed in the statement of the Examiner and in the decision of the Board, but no one of them was relied upon as a basis of rejection by either the Examiner or the Board and there is no reason for encumbering this opinion with them.

As an ancillary reference "to show usage" the Examiner cited and the Board listed in its decision "Heilbron, Dictionary of Organic Compounds, 1938, Vol. III," specifying the text on pages 752 to 759, inclusive, which text is reproduced in the printed record before us.

In concluding his official statement upon the appeal to the Board the Examiner said:

For reasons indicated, claims 18 and 19 were refused as (1) not supported by an adequate description and (2) as inclusive of and dependent on new matter.

The Board made no reference to new matter in its decision, but did not overrule the Examiner's holding on that point. It expressly agreed that appellant's "disclosure is too meager and indefinite to warrant the allowance of claim 18," and that "the disclosure is inadequate to support" claim 19. The Board also used an expression, to which reference is hereinafter made, that seems to have led counsel for appellant and the Solicitor for the Patent Office to conclude that it proposed rejection of the appealed claims on the ground of lack of a showing of utility.

Appellant's reasons for appeal embrace twenty-seven allegations of error, but the brief on his behalf states:

In general, applicant urges that the Board erred in holding that claims 18 and 19 were not based upon a sufficient original disclosure, and in refusing to reverse the ruling of the Examiner on this basic point, and in raising the issue of doubtful value.

The case presents questions of a technical character; the arguments in the briefs, particularly in that for appellant, bristle with formulas; and, adding to the complexity, especially from the standpoint of a layman, "There appears to be," as the Board expressed it, "considerable difference between the Examiner and appellant as to the nomenclature to be used." The Board, however, stated that it had not considered this difference as to nomenclature since it did not regard that as "germane to the matter in issue."

No question seems to have been raised at any time respecting the disclosure by the application as originally filed of the subject matter of allowed claim 1, nor as to the disclosure (after certain permissible corrections of the specification) of allowed claim 17, but all that appellant can claim with respect to original disclosure of the broader claims 18 and 19 appears to be the following brief paragraph of the specification:

Instead of reacting a "thio" derivative of glycolic acid with the gold salt, I can use a thio derivative of propionic acid, and the corresponding allyl thio-derivative and in general, the higher thio acids, saturated and unsaturated.

The application was filed in the Patent Office January 31, 1941, and was before the Examiner until the latter part of January 1945. During that time the application, except as to claim 1, was several times rejected by the Examiner and several times amended as to both the specification and the claims.

In a decision of May 27, 1944, the Examiner denied all the claims then in the case except claim 1. This was the fourth rejection by the Examiner and he declared it final, but on September 27, 1944, appellant proposed another amendment which the Examiner considered in an advisory action of October 12, 1944, refusing it entry because "it does not make the application allowable." On November 25, 1944, appeal on the rejected claims was taken to the Board of Appeals and on that same date appellant filed another proposed amendment which the Examiner (in conformity, as we understand it, with the practice) considered and acted upon advisorily before forwarding the appeal to the Board.

By the amendment it was proposed to cancel original claim 5 and substitute claim 17 therefor, and also to cancel claims 13 to 16, inclusive, and substitute claims 18 and 19 therefor.

It was also proposed to amend the specification by adding at the end of what is line 8 on page 13 of the printed record before us (the line and page having been different in the typewritten copy before the Examiner) the following:

The formula of thio-glycolic acid, which is also designated as 2-mercapto-ethanoic acid is, $HS.CH_2.COOH$. It is a derivative of ethanoic acid, which is, regarded as being derived from ethane, $CH_3.CH_3$, by oxidizing the methyl group, CH_3, to the carboxyl group, COOH. Since ethane has a normal chain C—C, said normal chain is retained in the above-mentioned improved compound. In said compound, each carbon atom is a terminal carbon atom of said normal chain. One of said carbon atoms is linked by a monovalent linkage to the AuS group. The other carbon atom is linked by a divalent linkage to an oxygen atom, and by a monovalent linkage to a nitrogen atom which is linked by a monovalent linkage to a C_6H_5 radical, namely, a phenyl radical.

As later stated herein, thio-propion-anilide can be substituted for the thio-glycolic-anilide, in the reaction later stated herein. The formula of thio-propion-anilide is $HS.CH_2.CH_2.CONH.C_6H_5$. Hence the corresponding auro-thio-anilide has the formula, $AuS.CH_2CH_2.CONH.C_6H_5$. This has a normal or straight chain of three carbon atoms, one terminal carbon atom of said chain being connected to the AuS group, the other terminal carbon atom of said chain being, connected to said nitrogen atom. As later stated herein, the corresponding allyl derivative can be reacted with aurous bromide. The allyl radical is

$CH_2:CH.CH_2.$—

In his advisory action taken on December 11, 1944, the Examiner, after a full discussion, advised, in effect, that appellant might amend the description in a manner which he (the Examiner) indicated, and that when so amended claim 17 (the substitute for original claim 5) would be allowable.

As to the amendment to the specification, which was intended to furnish support for proposed claims 18 and 19 additional to the paragraph hereinabove quoted from the original specification, the Examiner, acting under the authorization of the Supervisory Examiner, after giving his reasons for regarding the new claims not allowable, offered appellant the option of having "the case forwarded on appeal in the condition as of the final [May 27, 1944] rejection" or of having "the amendment of November 25, 1944, entered and the case forwarded with claims 18 and 19 refused for the reasons indicated above."

Appellant elected to have the amendment of November 25 entered and the appeal forwarded to the Board with claims 18 and 19 refused.

In discussing the proposed amendment, so far as it related to substitute claims 18 and 19, the Examiner said:

The amendment of Nov. 25, 1944, has not been entered. It will be entered at applicant's option for purpose of appeal. Its entry will not remove the confusion and error in the description. The entry proposed for the end of line 3 of page 3 [line 8 of page 13 of the printed record before us] insofar as it explains "thioglycollic acid" is inaccurate and unnecessary. The second paragraph of the proposed insertion attempts to define thiopropionic acid as 2-mercaptopropionic acid. The dictionary shows that a thiopropionic acid is not a mercaptopropionic acid. There are two mercaptopropionic acids depending on the position of the mercapto group. Even if it be assumed that applicant contemplated a mercaptopropionic acid when he used the term a "thio derivative of propionic acid," it is impossible to determine which of the two alternatives was meant and it certainly cannot be assumed that this teaches the class of omega-mercapto fatty acids. It will therefore be held that this portion of the insert is new matter and that proposed claims 18 and 19 are not adequately disclosed and are dependent on new matter. The statement concerning allyl derivative is not understood and does not appear to have any relation to the rest of the description in the case.

Claim 19 will be additionally rejected as inoperatively broad and as not supported by an adequate description.

In his statement after the appeal had been forwarded to the Board the Examiner elaborated the foregoing holding. He stated in effect that appellant had presented a variety of generalizations during the prosecution of the case all of which had as their starting points the specific compound of the allowed claims, and said:

• • • It is the Examiner's opinion that these generalizations have been based primarily on language without regard to generally understood chemical knowledge. In part, these generalizations have been based on an erroneous interpretation of the language involved.

With respect to the amendment to the specification of November 25, 1944, hereinbefore quoted, the Examiner held it "to be in part new matter and in part unnecessary and also in part erroneous," saying:

The first paragraph is directed to statements concerning thio glycolic, its supposed derivation, and generalized statements concerning its constitution. Error appears in that ethane is not $CH_3.CH_3$ and methly is not CH_3. Since the acid has only two carbon atoms the term "normal" (as distinguished from branched) chain has no significance and the same criticism applies to "terminal" carbon atoms, as distinguished from adjacent, or middle, carbon atoms.

This description of thioglycolic acid is used to support the generalizations in claim 19 describing —x—c as "a *normal* chain of *at least* two carbon atoms" and (in the structure shown) with the linkages at the terminal carbon atoms. The corresponding limitations of claim 18 are similarly supported.

The second paragraph of the insert • • • is in error in stating that the anilide of thio-propionic acid possesses the structure shown. The structure shown is that corresponding to thio-hydracrylic acid (2-mercapto-propionic acid). This will be apparent from Heilbron who shows two different mercapto propionic acids, as well as a thio-propionic acid and the anilide thereof.

The last two sentences of the paragraph, relating to "the corresponding allyl derivative" has no possible significance, as may be seen by attempting to place the "allyl radical" in the structure of claim 19 or the limitations of claim 18.

In his discussion relating specifically to claim 18 the Examiner held that it is misleading or erroneous in the expression "auro-thio-anilide of a carboxylic acid," saying:

The illustration is a gold derivative of an anilide of *thio*glycolic acid, (i. e. of a mercapto acetic acid). The prefix "thio" modifies the succeeding term. A "thio-anilide," a "thio-carboxylic acid," and a "thio-hydroxy acid" implies entirely different substitutions of sulphur.

The Examiner by the use of italics in quoting from the text of the claim also pointed out what he designated as the critical limitations of the claim not found originally disclosed, as follows:

The critical radical is defined as "a *straight* carbon chain which has *at least* two carbon atoms, one *terminal* carbon atom of said chain being connected by a monovalent linkage to an AuS group, the *other terminal* carbon atom of said chain being linked by a divalent linkage to oxygen • • •." [Italics supplied by the Examiner.]

It was the Examiner's position that to support the class of acid radical required by claim 18, it would be necessary for appellant to read "thio-propionic" (as used in the specification as filed) as "mercapto propionic" and limit the latter to beta mercapto form as distinguished from the alpha mercapto form.

In the brief on behalf of appellant before us it is said: "Applicant used 'thio' as meaning the same as 'mercapto'."

The brief of the Solicitor for the Patent Office states with respect to this:

That statement is unsupported in appellant's original description, and, in effect, is actually at variance with the statement in the specification • • • that a thioglycolic acid anilide is the same as a mercapto acetic acid anilide. If the terms "thio" and "mercapto" meant the same thing, then, it is submitted, no need would exist for using glycolic acid with "thio" and acetic acid with "mercapto" in order to properly identify the compound. To those skilled in the art these prefixes are used advisedly to denote different compounds • • •.

We fail to find any mention in the record indicating that appellant advised the tribunals of the Patent Office that he used "thio" as meaning "mercapto," until after the Examiner had filed his official statement following the appeal to the Board. Appellant seems to have filed some statement in response (it is not in the record before us) which was referred to the Examiner under rule 137, who replied in part as follows:

On page 5, applicant seems to confuse the issue by alleging that the terms mercapto and thio are interchangeable. These terms per se are not used interchangeably in the illustration given by appellant. The examples given by appellant confirm the Examiner's position. 2-mercapto ethanoic acid and thioglycolic acid do describe the same compound. It is significant however that the term *mercapto* is used to modify the term ethonoic acid (which does not contain a 2 hydroxy group as does glycolic acid) whereas the term *thio* is used to modify the term glycolic acid, to show that the oxygen of the OH group is replaced by S (i. e. SH). This distinction in these terms has been emphasized in the Examiner's statement. [Italics quoted.]

The brief on behalf of appellant further pointed out that the Heilbron Dictionary under the heading "Thioglycolic acid (Mercaptoacetic acid)" gave the formula "$HS.CH_2.COOH$," and asserted:

This illustrates the equivalence of "thio" and "mercapto" and it repels the Examiner's theory that in a thio acid, the carboxy group, COOH, must be changed to COSH. According to Heilbron, thioglycolic acid has the unchanged carboxy group, and the substitution of "S" for "O" is made outside the carboxy group.

It is pointed out in the brief on behalf of appellant that in his specification as originally filed he stated that thioglycolicacidanilide "is a derivative of *mercapto*-acetic acid (-2-*mercapto*-ethanoic acid or *thio*glycolic acid" (emphasis supplied in the brief), and other citations from Heilbron are made to show examples "of a thio acid which retains the unchanged carboxy group," but we fail to see wherein these matters affect the merits of the issue.

It is further asserted that "Claim 18 • • • clearly states that the AuS group is at one end of the straight carbon chain, and that the other end of

said chain has the carbon atom linked to oxygen, not to sulphur," and that this applies to claim 19 as well.

We do not deem it necessary to our decision to discuss claim 19 in greater detail than hereinabove stated.

We confess that we do not understand why the Board did not regard the nomenclature question germane to the matter in issue.

Appellant evidently did not agree with this view at the time he appealed to this court because in his reasons for appeal he alleged that the Board erred "in failing to reverse the ruling of the Examiner as to the nomenclature to be used." He does not discuss the assignment in his brief, however, and we suppose he intended to abandon it. The Solicitor for the Patent Office discusses it, and we fail to discern how the case could be decided without considering it, at least to some extent.

As noted, supra, appellant states that he used "mercapto" as having the meaning of "thio." Assuming this to be correct, although not recited originally, it means that the paragraph of appellant's original specification upon which he relies for disclosure of the appealed claims is to be considered as if it read:

> Instead of reacting a "thio" derivative of glycolic acid with the gold salt, I can also use a *mercapto* derivative of propionic acid * * * [italics supplied].

and claim 18, supra, is to be considered as if it read "an auro-*mercapto*-anilide of a *carboxylic* acid * * *" [italics supplied].

The product named in claim 18 is an auro-thio-anilide of a carboxylic acid. It is a derivative of propionic acid (which is a homolog, being next above acetic acid in a list of fatty acids), the substance named in the paragraph quoted, supra, from appellant's original specification upon which he relies for original disclosure to support appealed claims 18 and 19. Propionic acid has the formula $CH_3CH_2.COOH$. It is important to bear in mind that propionic acid contains no hydroxyl group.

Acetic acid is also a homolog (formula CH_3COOH) from which glycolic acid (hydroxy acetic acid) having the formula $CH_2OH.COOH$ is derived. Glycolic acid contains both hydroxy and carboxy groups and, as we understand from the Examiner's statement supported by the Heilbron Dictionary, it is understood in the chemical art that "thio" placed before "glycolic" means that sulphur has been substituted in the hydroxy group—not in carboxy group.

The correctness of the Examiner's statement based upon the Heilbron Dictionary that "the prefix 'thio' indicates replacement of an oxygen atom in the compound otherwise named" is not questioned, nor do we find his statement that "the prefix 'mercapto' describes the presence of an—SH group, in contrast to 'thio' which indicates the replacement of an oxygen by sulfur" challenged.

Stated differently, when "thio" is used as a prefix, it indicates, according to standard usage, that oxygen has been replaced by sulphur; when "mercapto" is used as a prefix it indicates the replacement by sulphur of either hydrogen or hydroxyl, but not the replacement of oxygen in carboxyl.

The standard usage is stated in the brief of the Solicitor for the Patent Office as follows Heilbron's Dictionary, pages 752, 753, 755, and 759 being cited):

> * * * where the prefix "thio" modifies the name of a compound containing both a hydroxyl (OH) and a carboxyl (COOH) group, proper terminology limits the meaning to a compound in which the hydroxyl group only is replaced by the mercapto group—SH.

It may be said that "mercapto" used as a prefix, according to standard authorities, indicates the presence of an SH group.

It is suggested in the brief of the Solicitor for the Patent Office that, since propionic acid contains no hydroxyl groups, the term thio-propionic acid would be an acid in which sulphur replaces oxygen in the carboxyl group.

We observe that the formula for thio-propionic acid as given by Heilbron is CH_3CH_2CSCH and that for thioglycolic acid is $CH_2SHCOOH$; so they differ in that the sulphur is in a different portion of the molecule.

In view of the foregoing, it appears that in asserting that the fact that thioglycolic acid and mercapto-acetic acid have the same formula "repels the Examiner's theory that in a thio acid, the carboxy group, COOH, must be changed to COSH," appellant failed to take into account the effect, according to standard usage in the chemical art, of the use of the word "thio" when the compound to which it is applied as a prefix has both hydroxyl and carboxyl groups.

It appears from the specification that appellant clearly described the method by which the product named in claim 1 could be made, so that a person skilled in the art could readily follow it and produce the article which obviously was regarded as new. This cannot be said concerning the products defined in the appended claims. Appellant seems to us to have endeavored to build up the disclosure, by the use of an elaborate series of formulas, of subject matter which, if he had invented it, or had it in mind at the time of filing his application, might have been and should have been described at least as fully as he described the subject matter of claims 1 and 17. If he, in fact, had the invention but failed to meet the statutory requirement for a clear description in his application as filed, it would seem that upon discovering the oversight he might have protected such invention by filing another application as a continuation in part of his original application.

[1] The Examiner appears to have stated fully and clearly the essential facts of this somewhat complicated case. Upon the technical features he supplemented his knowledge resulting from his training as a chemist by the citation of a recognized standard authority, the accuracy of which has not been questioned. If appellant had disagreed with any of the findings of fact, and there were good grounds for disagreement, he had opportunity under the Patent Office rules of practice to present pertinent evidence contradicting such findings. We speak, of course, of facts, not deductions. Deductions may be and frequently are a proper subject for argument; facts are matters to be established by evidence.

In the instant case we think the Examiner drew the correct deductions from the established facts.

Up to this point we have confined ourselves almost exclusively to the consideration of the decisions and statements of the Examiner so far as the Patent Office's view of the case is concerned.

It has been necessary to do this because with one possible exception the Board from whose decision the appeal actually comes to us did not state in any detail reasons for its conclusions, but simply gave sweeping approval to the Examiner's decision. Even in the possible exception to which we have just referred, the Board's statement seems to us to be somewhat cryptic, or at least difficult to interpret.

In its decision after approving the Examiner's finding as to meagreness and indefiniteness the Board said:

> * * * Judging by what is said in the publication cited the only aurothio compound tested was that defined in allowed claim 1, and even that was of doubtful value. While theoretically the mere addition of CH_2 to the molecule should make but little difference still one cannot predict positively that such is the case for in medicines such small changes may make the product react quite differently from the lower homolog. There is nothing in this case that any higher homologs have been tried out.

The "publication" mentioned has reference to one filed at an early stage of the proceedings when the Examiner required proof of utility.

The Examiner presumably was satisfied with the showing of utility so far as claims 1 and 17 were concerned and we find nothing to indicate that he raised any question as to the utility of the products covered by claims 18 and 19.

Patent Office rule 139 provides:

> * * * Should it [the Board of Appeals] discover any apparent grounds not involved in the appeal for granting or refusing letters patent in the formed claimed, or in any other form, it shall include in its decision a statement to that effect with its reasons for so holding.

It seems to us that the Board's statement would admit of the interpretation that, in its opinion, claim 1 itself is of doubtful value, but both counsel for appellant and the Solicitor for the Patent Office seem to interpret it as applying only to claims 18 and 19, and error respecting the holding is assigned on behalf of appellant, who claims it to be a new ground of rejection. If it be a rejection on the ground that it does not meet the requirement of Sec. 4886 R. S., U. S. C. Title 35, § 31, such rejection even though new would lie within the province of the Board under Patent Office rule 139, supra.

However, we are not convinced that it was the purpose of the Board to hold that claims 1 and 17 should not be allowed. In our opinion, if the Board had so thought it would have found language with which to give clear-cut expression to the thought.

In view of our conclusion that the appealed claims were properly rejected on other grounds, it is not necessary to determine whether the Board intended its expression "of doubtful value" to mean that claims 18 and 19 were rejectable on the ground of lack of utility, but it is not improper to say that, in our opinion, where the Board proposes to declare a claim not allowable under the authority given it by rule 139, supra, it should state that finding clearly, and not use a phrase which leaves its meaning in doubt. A claim may not always be rejectable simply because the product is "of doubtful value;" doubts are frequently resolved in favor of utility.

One other phase of the controversy appears to require notice.

Appellant seems to be of opinion that the Board "concedes that thio-propion-acid-anilide is $HS.CH_2CH_2CONHC_6H_5$," as stated by appellant, rather than $CH_3CH_2CS.N.H.C_6H_5$, as stated by the Examiner.

What the Board said, after quoting the paragraph, supra, from appellant's original specification relied upon for disclosure of claims 18 and 19, was:

> This brief statement was somewhat amplified by amendment, but about all that can be said as to the amendment is that it tends to show that it is probable that the next higher homolog ($HS.CH_2.CH_2CONHC_6H_5$) would react in the same way as thioglycolic anilide. Less is said about the corresponding allyl derivative.

As a matter of fact, the Board merely cited what had been asserted in the November 25, 1944, amendment to the application, and this could hardly be regarded as a concession of its correctness. However, even if it were treated as a concession by the Board it would not be of any benefit to appellant if erroneous in fact which we understand to be the case.

[2] From our study of the case we are convinced that appellant's disclosure is sufficient to support only the claims which have been allowed covering only a single species, and, under the well-settled rule, broader claims which have no basis of disclosure other than that of the single species are not allowable. *In re Wahlforss et al.*, 28 CCPA (Patents) 867, 117 F.2d 270, 48 USPQ 397, 526 O. G. 575.

For the reasons indicated, the decision of the Board of Appeals is affirmed.

AFFIRMED.

BLAND, *J.*, sat during the argument of this case but resigned before the opinion was prepared.

U. S. Court of Customs and Patent Appeals

APOLLO SHIRT COMPANY
v.
THE ENBO SHIRT COMPANY, INC.
No. 5374. Decided January 6, 1948
[165 F.2d 471; 76 USPQ 331]

TRADE-MARKS — CANCELLATION — DESCRIPTIVENESS — "SPORTSTER."

Where it is clear that the term "sportster" has not up to the present time been embodied in the English vocabulary under the law of usage, since it does not appear in any dictionary that has been called to our attention or to which we have access, and where no user has been shown of such word in a descriptive sense, *Held* that the term "sportster," though highly suggestive, cannot properly be held to be merely descriptive of the goods to which it is applied, and, accordingly, the decision of the Commissioner dismissing appellant's petition for cancellation is affirmed.

APPEAL from the Patent Office. Cancellation No. 4414.

AFFIRMED.

Mock and Blum (*Asher Blum* and *Charles R. Allen* of counsel) for Apollo.

Edward A. Brand for Enro.

JACKSON, *J.*:

This is an appeal, in a trade-mark cancellation proceeding, from a decision of the Commissioner of Patents, 69 USPQ 444, affirming that of the Examiner of Interferences dismissing appellant's petition to cancel the registration of appellee's mark, "SPORTSTER" dated June 15, 1926, on an application filed April 1, 1925, claiming use of the mark since August 1924 on the ground that the said mark as applied to sport shirts is descriptive.

Appellant is the owner of the registered mark "SPORTMASTER" as used on "men's dress, work, and under shirts." The mark was registered July 21, 1936, on an application filed March 9, 1936, and is said to have been in use since February 24, 1936.

In its petition, filed under section 13 of the Trade-Mark Act of 1905, appellant invoked the descriptiveness clause of section 5 of the Act as the statutory ground for cancellation. Appellant alleged that appellee had previously filed a petition to cancel the mark "SPORTMASTER" on the ground of confusing similarity between the marks "SPORTSTER" and "SPORTMASTER" and that it was damaged by such petition; and that it will be further damaged if its registration for the word "SPORTMASTER" were cancelled, and that such damage could only be mitigated by the cancellation of appellee's mark in this proceeding.

The cancellation proceeding initiated by appellee's petition, as aforesaid, was finally determined in Appeal No. 5372, entitled *Apollo Shirt Company* v. *The Enro Shirt Company, Inc.*, in favor of appellee and decided concurrently herewith.

There is no contention by the parties that the Trade-Mark Act of 1946 has any application to the present proceeding and the sole question to be decided is whether or not appellee's mark "SPORTSTER" is descriptive of the goods to which it is applied.

Only the petitioner has taken testimony.

It is contended by appellant that the word "SPORTSTER" has a similar meaning and is equivalent to the word "sporter." That word is defined in Webster's New International Dictionary, Second Edition, Unabridged, as "one who sports; a sportsman; also, colloq., one who wears sport clothes, or who spends lavishly and ostentatiously." While appellee contends "SPORTSTER" is a natural word properly used to describe a sportsman who ostensibly would be clad in sports attire, it bases its reasoning on such contention by the meanings attached to such common words as "gamester," "songster," "funster," "trickster," "teamster" etc. It endeavors to invariably attach the same meaning to the suffixes "ster" and "er." It apparently invokes the law of usage by which coined words by reason of long general use become fixed in the English vocabulary, arguing that one who would use the word "sporter" would probably be a person of erudition, but that the public in general would say and would refer to a sportsman as a "sportster."

That the term "sportster" has not up to the present time been embodied in the English vocabulary under the law of usage is clear. It does not appear in any dictionary that has been called to our attention or to which we have access.

Furthermore, appellant has not by its evidence satisfied the tribunals of the Patent Office nor this court that appellee's mark is descriptive of sport shirts, and, therefore, we must conclude, as did the Examiner of Interferences and the Commissioner, that, since no use has been shown of such word in a descriptive sense, the decision appealed from should be affirmed. The term is probably highly suggestive, but, in our opinion, it cannot properly be held as merely descriptive of the goods to which it is applied as required by the statute.

We find no error in the decision appealed from, and it is accordingly affirmed.

AFFIRMED.

BLAND, *J.*, sat during the argument of this case, but resigned before the opinion was prepared.

U. S. Court of Customs and Patent Appeals

IN RE CASEY

No. 5350. Decided January 27, 1948

[— F.2d —; 76 USPQ 463]

1. PRACTICE—STATEMENTS OF FACTS—MUST APPEAR IN RECORD TO BE CONSIDERED.

   Where appellant argued that a problem long existent in the art has been solved by the device defined in the appealed claims and that the wide commercial success of the device indicates invention, and where such statements are based essentially upon alleged facts which do not appear in the evidence in the record, *Held* that they cannot be considered or relied upon as the basis for action by this court.

2. PATENTABILITY—ANALOGOUS ART—PROXIMATE AND REMOTE FUNCTIONS.

   Where the appellant contends that the secondary references are in a remote and non-analogous art because they do not disclose a journal box, *Held* that insofar as these references are concerned, the actual art involved is the function of providing wear members to protect parts from wear, not the remote function of the device.

3. SAME—COMBINING REFERENCES PROPER.

   Though it is clear that no single reference discloses the subject matter defined in the appealed claims, *Held* that in patent jurisprudence combinations of references are proper and if their teachings be combined so as to render obvious to one skilled in the art the structure sought to be patented, there is no exercise of the inventive faculty.

4. SAME—JOURNAL BOX.

   Certain claims for a journal box *Held* unpatentable over the prior art.

APPEAL from the Patent Office. Serial No. 494,363.

AFFIRMED.

Ernest F. Mechlin (*George F. Vala* of counsel) for Casey.

W. W. Cochran (*H. S. Miller* of counsel) for the Commissioner of Patents.

O'CONNELL, *J.*:

This is an appeal from the decision of the Board of Appeals of the United States Patent Office affirming that of the Primary Examiner who rejected all the claims in appellant's application for alleged new and useful improvements in a journal box for use in a railway truck and more particularly to an improved hinge lug therefor.

The references are: King, 1,445,693, February 20, 1923; Pope et al., 1,554,757, September 22, 1925; Adams, 1,640,228, August 23, 1927; Flodin et al., 2,126,546, August 9, 1938; Couch, 2,258,584, October 14, 1941.

The attorneys for appellant have recited the rejected claims in their brief, and in so doing have italicized the language in each claim which they contend defines patentable subject matter. As thus recited, the claims read:

1. In a journal box having an apertured hinging lug upstanding from the roof of said box and provided with a vertically and horizontally directed surface, the combination of, *an angular plate conforming substantially to said surfaces and welded to said hinging lug, and a crescent shaped shim disposed within said hinging lug aperture.*

2. In a journal box having an apertured cast lug extending from the roof of said journal box and provided with a front vertically directed surface and a top horizontally directed surface, the combination of, *a substantially L-shaped plate conforming substantially to said surfaces and welded to said lug, and a crescent shaped shim having surfaces formed of equal radii disposed within said aperture and welded to said lug.*

3. In a journal box having an apertured cast lug extending from a wall of said box and provided with a front substantially vertical surface and a top substantially horizontal surface, the combination of, *a substantially L-shaped plate approximating in configuration said top and front surfaces, and means for securing said plate to said lug.*

The subject matter of the claims relates to a journal box particularly employed in the truck of a railway car to house the extremity of a wheel and axle assembly. Such a journal box is concededly old in the art. Appellant's alleged invention pertains to a relatively simple structure comprising a hinge lug upstanding from the roof of a journal box, which is thus described in his brief:

> • • • As viewed in the drawing (R—7) the hinge lug is formed in part by a member 3 formed integral with the roof of the cast journal box. The member has angularly disposed surfaces exposed horizontally 10 and vertically 8 and in full bearing relation with these surfaces is an angularly shaped plate or clip 13 which is welded or otherwise secured to the member. A pintle aperture 7, eccentric in cross section, is formed in the hinge lug and into the aperture is fitted a crescent shaped shim 12 to define one or an outer side of the aperture and remove the eccentricity of the aperture. The angular shaped plate and shim may be formed of relatively hard material since they are adapted to be related with movable parts associated with the journal box.
>
> • • • The purpose of attaching a movable lid to the journal box is so that access may be had to the interior of the box for inspection of the bearing, lubricant carrying material, application of lubricant and application or removal of the bearing. If the lid when, in closed position, is not held firmly against the journal box to cover completely the access opening, foreign substance such as water, snow, grit, etc., will find its way to the interior of the box to result in the bearing becoming damaged. • • •
>
> • • • A part of the lid moves along the angularly disposed faces of the clip and the hinge pin forming the connection between the lid and hinge lug bears against the crescent shaped shim. It is only after the clip and shim become worn to such a degree that the lid is no longer held firmly against the journal box that the clip and shim are replaced to thereby completely renovate the journal box.

The patent to Couch discloses a ball-jointed lid for closing the access opening to a journal box for railway vehicles, wherein the pivotal portions of the lid are cast integral with associated parts. The specification states that:

> A principal object of the present invention is the provision of a ball-jointed lid, the particular construction of which provides for an unrestricted vertical and horizontal equalization of the cover portion thereof in order to insure a full bearing engagement between the cover and the juxtapositioned surface of an associated journal box, thereby excluding dust, water or any other foreign substance from the interior of the journal box.
>
> • • • • • • • • •
>
> Referring now in detail to the drawings, • • • there is indicated, diagrammatically, a portion of a journal box 1 having an access opening 2 and a hinge lug 3 extending upwardly from and adjacent the front portion of the roof or top wall 4 of said box. The hinge lug 3 is provided with an aperture 3ª through which extends a rod or pintle 5 pivotally connecting an articulated journal box lid, generally designated as 6, to the box. The lug 3 has angularly disposed surfaces 7 and 8 formed thereon which are engaged by a portion of the lid, whereby said lid is retained in either open or closed position. • • •

The patent to Flodin et al. relates to the conventional type of journal box for railway vehicles, and particularly to a spring-actuated lid therefor. As described in the specification, and referring in detail to the drawings, the journal box

> • • • is provided at its front face with the usual opening 2. A member, preferably in the form of a lug 3, is carried by the box beyond the upper side of the opening 2 and centrally thereof. The lug is provided at its front with a cam face 4 which is directed to make a definite angle with the face 5 of the box. The lug is further provided at its top with a cam face 6 and with an orifice 7 in which a hinge pintle 8 is mounted with its opposite end portions 9 and 10 extending from the opposite sides of the lug.

The two patents hereinbefore described are the basic reference and, as noted, clearly disclose the conventional features of the device claimed by appellant.

Neither reference discloses, however, an external angular or L-shaped plate conforming substantially to the front and top surfaces of the hinge lug and welded to the lug, nor an internal crescent-shaped shim in the aperture of the lug, the specific structures upon which appellant relies as defining the pateutable subject matter of his claims.

The tribunals of the Patent Office held that appellant's purpose in using the angular L-shaped plate, and the crescent-shaped shim, was to protect the journal box against wear by providing bearing surfaces which are less subject to wear in the repeated hinging action of the lid. That particular holding has not been adequately traversed by appellant.

The expedient of providing bearing surfaces which by constant and severe use are less subject to wear, such as the claimed L-shaped plate, or its equivalent, and the crescent-shaped shim, on things other than journal boxes, is disclosed by the secondary references, the patents to Pope et al., to Adams, and to King.

The patent to Pope et al. relates to a device, a bushing and reenforce for coupling rods, which may be employed in connection with various forms of machinery, but is more particularly adapted for use in coupling the radius bars to the crank shaft or other part of a motor driven vehicle.

The device comprises a base member adapted to be attached by its flanges to a support, for instance, to the crank casing of a motor driven vehicle, and having a half socket in one face and an opposing half socket. Fitting one or both of the half sockets is a semi-globular bushing, and extending from each bushing member is a semi-cylindrical lip or projection.

A portion of the stock of the member to be supported in the device is provided with a globular terminal to engage in the bushings and the half sockets. The lip portions or projections, extending from each bushing member, bear over the portion of the stock adjacent to the globular terminal, and reenforce and support the stock at its junction therewith.

The patentees state in their specification that their invention

> • • • has for one of its objects to improve the construction and increase the efficiency and utility of devices of this character.
>
> Another object of the invention is to provide a device of this character having wear preventing means, and means whereby the parts are supported and strengthened and worn parts readily renewable without discarding the unworn or unimpaired parts.

The patent to Adams relates to brake hangers. To increase the life of the socket member thereof, a hard metal bushing for the socket member is provided which is secured to the socket member by spot-welding. On cutting the weld, or chipping it off, the bushing can be removed and readily replaced. Adams states in his specification:

> In this type of brake hanger, the walls of the sockets wear considerably, and the main object of this invention is to provide the sockets with a hard metal bushing, which is firmly attached to the bracket but which can be readily removed when it is necessary to replace the bushing.

The patent to King relates to shaft bearings and more particularly to a removable bearing sleeve which is especially useful for renewing the bearing surfaces of connecting rods such as are employed in the engines of Ford automobiles for connecting the pistons with the crank shaft.

The bearing sleeve of the invention, which is adapted to be fitted within the bearing recess of the connecting rod, is longitudinally divided along an axial plane thereby providing two separated, crescent-shaped, parts or sections each of which is a duplicate of the other.

King states in his specification:

> One object of the present invention is to provide a bearing sleeve of novel and improved construction which may be readily and quickly applied to connecting rods of the above described character either to replace a worn bearing surface, or to provide a suitable bearing surface in the first instance and which will in either case, accurately fit the crankshaft and be adapted for rigid assembly with the connecting rod.

The Board applied no specific reference to any of the rejected claims and in affirming the action of the Examiner expressed the view that appellant's accomplishment in providing a wear plate or a wear shim to protect the journal box against becoming worn amounted to no more than an engineering expedient; and that no invention was involved in appellant's appropriation and use of the expedient that had previously been used for the same purpose on things other than journal boxes, as illustrated in the references cited.

The Primary Examiner based his action upon the same ground, but in so doing specifically applied the teachings of each of the cited references and gave a precise statement of his respective grounds of rejection.

Claims 1 and 2 were rejected by the Examiner as lacking invention over each of the disclosures of Couch and Flodin et al. in view of the disclosures of the patents to Pope et al. or Adams and King. Claim 3, which does not recite the crescent shaped shim, was rejected by him as unpatentable over the patent to Couch or the patent to Flodin et al. in view of the patent to Pope et al. or the patent to Adams.

Both the Examiner and the Board, appellant contends, erroneously failed to realize that never before in the history of railroads in this country has there ever been any modification of the conventional type of hinge lug for a journal box as characterized by the basic references of Couch and Flodin et al.

[1] Appellant argues in his brief that the distinct defects in the conventional type of hinge lug have been recognized from its inception; that the device defined by his claims solved the problem which so long had existed in the art; and that the wide commercial success of his device indicates it is a meritorious invention and a broad advancement in a very old and crowded art.

The court has no reason to doubt the truth of any of appellant's statements as to the existence of a problem which confronted the art and as to the commercial success of his device.

Such statements, however, cannot be verified herein by the prior art of record. Those statements are based essentially upon alleged facts which do not appear in the evidence in the record before us. Therefore, under well-established authority they cannot be considered by the court or relied upon as the basis of its action. See *In re Spohn*, 22 CCPA (Patents) 1304, 77 F.2d 768, 25 USPQ 409, 461 O. G. 473; *In re Beeson*, 26 CCPA (Patents) 755, 100 F.2d 191, 40 USPQ 122, 500 O. G. 574.

Appellant also contends that no single reference defines the identical structural arrangement of the device defined by the claims on appeal, and that the respective references are in a remote and non-analogous art and do not constitute an anticipation of appellant's device.

The Solicitor for the Patent Office correctly states that obviously the patents to Couch and to Flodin et al. each discloses a journal box, which is the identical name applied to the device claimed in each of the appealed claims. He frankly concedes that none of the patents to Pope et al., Adams, and King discloses a journal box of the type described and claimed in appellant's application.

[2] The Solicitor points out, however, that it is not the remote function of the respective devices defined by the secondary references which is the art here involved, but rather the actual art involved is the proximate function of providing wear members to protect parts from wear; which is the very thing that appellant has done. We agree with the Solicitor that the actual art involved herein is the function of providing wear members to protect parts from wear. It is not the remote function of the device that is here involved. See *Paul H. Smyth, Jr.*, 28 CCPA (Patents) 1217, 120 F.2d 348, 49 USPQ 746, 531 O. G. 280, and authorities therein cited.

[3] It is clear that no single reference discloses the subject matter defined in the appealed claims.

It is trite, however, to say that in patent jurisprudence combinations of references are proper and if their teachings be combined so as to render obvious to one skilled in the art the structure he seeks to patent there is no exercise of the inventive faculty. *In re Stover*, 32 CCPA (Patents) 823, 146 F.2d 299, 64 USPQ 186, 573 O. G. 367.

We have carefully examined all the arguments and authorities cited by counsel for appellant but we find therein no ground upon which we are authorized to reverse the decision of the Board of Appeals. That decision, for the reasons hereinbefore stated, is affirmed.

AFFIRMED.

BLAND, *J.*, sat during the argument of this case, but resigned before the opinion was prepared.

PATENT SUITS

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,754,293, 1,778,457, 1,778,750, 1,788,035, 1,789,371, 2,092,893, 2,095,406, 2,096,861, 2,100,279, 2,101,520, 1,795,214, 1,811,095, 1,813,923, 1,819,508, 1,828,094, 2,102,671, 2,103,135, 2,109,618, 2,121,103, 2,124,189, 1,829,965, 1,849,651, 1,852,068, 1,866,603, 1,868,443, 2,124,478, 2,138,328, 2,143,811, 2,143,812, 2,152,184, 1,869,323, 1,870,702, 1,881,357, 1,883,238, 1,884,724, 2,152,234, 2,152,448, 2,155,514, 2,159,944, 2,164,032, 1,885,009, 1,893,049, 1,894,197, 1,895,247, 1,896,780, 2,167,605, 2,168,924, 2,178,736, 2,180,413, 2,180,615, 1,899,561, 1,907,555, 1,909,051, 1,920,342, 1,931,677, 2,181,572, 2,207,839, 2,209,959, 2,229,640, 2,230,212, 1,936,162, 1,938,256, 1,941,447, 1,945,040, 1,945,557, 2,240,281, 2,246,659, 2,246,696, 2,250,268, 2,251,677, 1,947,229, 1,955,739, 1,955,800, 1,957,752, 1,964,375, 2,252,746, 2,273,097, 2,289,147, Re. 19,945, Re. 20,114, 1,975,441, 1,976,558, 1,976,574, 1,977,683, 1,988,180, Re. 20,155, Re. 20,338, Re. 20,442, Re. 20,700, Re. 21,014, 2,007,380, 2,021,252, 2,029,282, 2,034,773, 2,038,401, Re. 21,400, Re. 21,473, Re. 21,598, Re.22,103, suit for declaratory judgment filed Feb. 6, 1948, D. C. Del., Doc. 1098, *Zenith Radio Corp.* v. *Radio Corp. of America et al.* 2,046,237, 2,047,003, 2,047,312, 2,048,814, 2,050,819, 2,052,316, 2,056,955, 2,057,640, 2,063,311, 2,063,413, 2,066,284, 2,073,477, 2,075,501, 2,082,935, 2,086,595,

NOTICES

Disclaimers

Re. No. 22,812.—*John D. Jenkins*, Milwaukee, Wis. PLASTICIZATION OF PLASTICS. Patent dated Dec. 3, 1946. Disclaimer filed Mar. 15, 1948, by the assignee, *Pittsburgh Plate Glass Company*.

Hereby disclaims all coating compositions covered by claims 1 to 4 inclusive of said patent except those in which the combination of pulverulent plastic and plasticizer, but for the presence of the non-solvent, would result in the gelling of the plastic particles to the point of coherence;

And disclaims all methods of coating covered by claim 5 except those involving the application of a film of a coating composition in which the combination of pulverulent plastic and plasticizer, but for the presence of the non-solvent, would result in the gelling of the plastic particles to the point of coherence;

And further disclaims all methods of coating covered by claims 6 to 9 inclusive except those involving the application of a film of a suspension in which the combination of finely divided plastic and plasticizer, but for the presence of the non-solvent, would result in the gelling of the plastic particles to the point of coherence.

2,346,173.—*George G. Light*, Kew Gardens, N. Y. TRANSMISSION SYSTEM. Patent dated Apr. 11, 1944. Disclaimer filed Mar. 11, 1948, by the assignee, *The Western Union Telegraph Company*.

Hereby enters this disclaimer to claims 1, 2, 3, 4, 5, 7, 11, 13, and 15 of said patent.

Adverse Decisions in Interferences

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 2,405,625, L. C. Whiton, J. E. Watson, and C. B. McBride, Dust separator, decided Mar. 16, 1948, claim 7.

Pat. 2,346,173, G. G. Light, Transmission system, decided Jan. 21, 1948, claims 1, 2, 3, 4, 5, 7, 11, 13, and 15.

Pat. 2,365,646, A. L. New, S. G. Foord, and D. R. Beckwith, Electric insulating material, decided Jan. 26, 1948, claims 1 and 3.

REGISTER OF PATENTS AVAILABLE FOR LICENSING OR SALE

(The "Groups" appearing after the patent abstracts are based on the Standard Industrial Classification Manual, Vol. I, Manufacturing Industries, Executive Office of the President, Bureau of the Budget)

Pat. 2,434,803. FREEZING MOLD FOR ICE STICKS. Patented Jan. 20, 1948. A freezing mold for producing ice sticks which may be conveniently inserted in Thermos bottles and other receptacles having narrow openings. The mold is composed of top and bottom trays, each forming a separate unit and both adapted to fit within an ordinary refrigerator ice pan. The molds, which may be made of rubber, are partitioned into a number of long narrow compartments for producing ice sticks. The bottom tray has a shelf-like formation with upstanding vertical edges to seat the top tray. A removable metal plate may be inserted on the shelf beneath the top tray to speed freezing. (Co-owner) Avin C. Johnson, 1311 Main, Houston, Tex. Groups 30—32; 40. Reg. No. 9,471.

Pat. 2,435,081. COUPLING DEVICE. Patented Jan. 27, 1948. Coupling is particularly adapted for tethering animals, allowing them to completely circle the coupling device without the likelihood of becoming entangled in ropes or chains by which they are tied. Two circular plates, staked (horizontally parallel) close to the ground, are slotted to provide a race between them for a freely rolling ball connected to a chain by a double swivel. Both the ball and coupling swivel are free to turn independently so that the tethered animal is free to exercise, range, or graze. (Owner) Herman Gordon Howard, 521 Majestic Bldg., Sixteenth at Broadway, Denver 2, Colo. Group 35—69. Reg. No. 9,472.

Pat. 2,430,339. WORK FOLDING ATTACHMENT FOR SEWING MACHINES. Patented Nov. 4, 1947. Attachment is adapted for use with sewing machines of the double needle type which are used for simultaneously hemming the edges of two strips of work material. The attachment, which is adjustable to accommodate strips of varying width, will automatically fold the inner edges of two spaced strips of material and guide them with their folded edges below the presser foot for engagement with the needles. It consists of a skeleton frame hinged to a right angular work table which has its lower edge hinged to the machine. Attachment and work table cooperate for swinging movement into and out of operative position. Folder, guide, and presser plates are mounted in pairs on the frame. The presser plates retain the strips in folded flat position as they leave the folders for engagement with needles. (Owner) Jonas F. Imberman, 738 South Spalding Ave., Los Angeles, Calif. Groups 33—73; 35—83. Reg. No. 9,473.

Des. Pat. 142,864. DESIGN FOR A FACE GUARD FOR SEWING MACHINE OPERATORS. Patented Nov. 13, 1945. Guard may be adjustably secured to a sewing machine to prevent broken needles from striking the face of an operator. It may be quickly attached to or detached from machine. It consists of an elongated one-piece upright hanger having a downwardly inclined transparent plate secured to its lower end. (Owner) Jonas F. Imberman, 738 South Spalding Ave., Los Angeles, Calif. Groups 33—73; 35—83. Reg. No. 9,474.

Pat. 2,231,988. METALLIC SHOE TOE PROTECTOR. Patented Feb. 18, 1941. Protector is a narrow semi-circular strip of sheet metal with ear formed at each end. Ears are nailed to upper exposed edges of shoe sole, the protector encircling tip of the shoe toe. The lower edge is curved to fit between the toe of the shoe and the sole. (Owner) Salvatore Catania, 2062 Hoyt Ave., Fort Lee, N. J. Groups 31—32; 33—73; 40. Reg. No. 9,475.

Pat. 2,430,600. BEATER. Patented Nov. 11, 1947. Egg beater may be held and manipulated by one hand only. Depressing a plunger imparts rotary motion to a flywheel which drives a pair of conventional beaters in opposite directions. When pressure on plunger is released, gearing for effecting driving connection between flywheel and plunger is automatically disengaged, permitting flywheel to continue to revolve as a spring retracts plunger. Repeatedly depressing plunger increases the speed of the flywheel. (Owner) Fred C. Booth, 1108 Greenwood Cliff, Charlotte, N. C. Groups 34—41—99; 40. Reg. No. 9,476.

Des. Pat. 147,994. EGG COOKING AND SERVING CUP. Patented Nov. 25, 1947. An egg-shaped cup supported on flat base, in which an egg may be cooked and served. Made of heat-resistant plastic in variety of colors. May be used to serve boiled eggs in the shell or to hold candies or colored eggs as an Easter novelty. (Owner) Joseph L. Siessmayr, Box 392 AC-1A, Rt. 2, Mesa, Ariz. Groups 39—81; 40. Reg. No. 9,477.

Pat. 2,433,527. DRAPE HANGER. Patented Dec. 30, 1947. Combination drapery hanger and cornice support is capable of a wide range of adjustments so as to be easily adapted to various types and sizes of windows, doors, etc. The device includes a Z-shaped bracket which may be secured to either the right or left hand edge of a window. The bracket is connected to a drapery-supporting bar by a pair of adjustable arms. This permits both vertical and horizontal adjustment of the drapery bar as well as variation in the spacing of the drapery bar toward or away from the window. The invention further provides for the optional use of a cornice plate for concealing the upper edge of the drapery and its supporting instrumentalities. The cornice plate is carried on the outer end of a bolt which is threaded through a transverse hole in an arm carried by the outer flange of the bracket. (Co-owner) Leander F. Krause. Address correspondence to Robb & Robb, Woodward Bldg., Washington 5, D. C. Groups 25—62; 33—73; 40. Reg. No. 9,478.

Pat. 2,430,360. BATHING FLOAT WITH PROPELLING APPLIANCE. Patented Nov. 4, 1947. Float especially useful for handicapped persons may be propelled through the water by a person reclining or in outstretched position on the float. The float consists of an adjustable frame formed of separable sections, with the forward section forming a rest conforming to the shape of a person's body. The propulsion mechanism at the stern includes a pair of foot pedals with straps for holding the user's feet on the pedals during the pushing and pulling operations. Each pedal is pivoted on the inner end of a push-pull rod having a single blade on its rear end for steering and propulsion purposes. The pedals may be independently operated. When one of the levers is pushed rearwardly, its blade plows through the water in vertical position until it nears the end of its stroke. The blade then swings to horizontal position and becomes latched in such position as to permit the float to travel after the impulse. The blade remains in latched horizontal position until after it has passed midway of its return stroke and then gradually returns to vertical position. Springs tend to return the levers to their starting positions. (Owner) Paul E. Meyer, 646 Prospect Ave., Hartford, Conn. Group 39—49. Reg. No. 9,479.

Pat. 2,431,159. CAM ASSEMBLY FOR SCREW MACHINES. Patented Nov. 18, 1947. In this cam assembly a group of differently designed segmental cam members and cam spacers are clamped between a pair of circular plates which are held together by cap screws. A selected number, say five cams and one spacer, may be utilized, and this number may be varied to suit different operations. Only one of the circular plates is rigidly secured to a cam shaft to permit the other plate to be slid into and out of clamping engagement therewith. After installation on a shaft removal or replacement of any or all cam and spacer members may be accomplished without entailing complete disassembly by simply loosening the cap screws sufficiently to permit removal and insertion of the cam and spacer members. The inner arcuate marginal edge of each cam and spacer is of dovetail formation with teeth on opposite sides for interlocking engagement with similar teeth on the opposed marginal faces of the plates and a dovetail groove formed between the plates. (Owner) Roy W. Bates, Rockwood, Mich. Group 35—41—69. Reg. No. 9,480.

Pat. 2,429,288. FISHING POLE HOLDER. Patented Oct. 21, 1947. A holder for fishing poles may be clamped to edge of a boat or spiked into ground. A socket mounted for horizontal rotation on a pin (fixed to clamping member) supports a horizontal bar pivotally attached at its center to socket head. Spaced parallel arms extending from ends of the bar are provided with transverse grooves (at different angles) so that poles are seated obliquely over one arm with ends held under other arm. (Owner) Chant A. Miller, 620 South Riverside Drive, Winamac, Ind. Group 39—49. Reg. No. 9,481.

Pat. 2,117,884. BRACKET FOR ELECTRIC LAMPS. Patented May 17, 1938. This bracket may be removably attached to and used to support a conventional extension light (bulb, socket, and cord) in various positions. The bracket (which may be stamped from sheet metal) consists of a pair of spaced parallel plates, each having an opening for engaging the large and small ends, respectively, of the extension socket, with small openings communicating with the first openings for receiving a loop of the cord. These members are connected by a back plate carrying a suction cup for securing bracket to a flat surface. The lower extremity of the back portion is bent into a U to steady bracket against a supporting surface. (Owner) Henry W. Hapman, 2405 West McNichols, Detroit 21, Mich. Group 34—81. Reg. No. 9,482.

Pat. 2,226,609. MASSAGE APPARATUS. Patented Dec. 31, 1940. In this massaging device the applicator proper may consist of a sac-like member of rubber or other elastic material slipped over a U-shaped vibrator frame with the closed end of the sac in contact with the cross bar of the frame. Rocking motion and horizontal reciprocating motion are imparted to the frame by a suitable power source. To obtain a massage a person simply presses his face against the sac. The sac is provided with an opening for the nose. The device may be adapted for massaging various parts of the body. It may be placed on a table or mounted on a stand for barber shop or home use. Several modifications are shown. (Owner) Henry W. Hapman, 2405 West McNichols, Detroit 21, Mich. Group 39—91. Reg. No. 9,483.

Pat. 2,288,450. ACCELERATOR DEVICE. Patented June 30, 1942. Accelerator for motor vehicles is provided with a foot- and a leg-operated throttle. The operator may control the engine operation either by a foot pedal or by a side movement of knee or leg against a lever. The knee-operated throttle includes an elongated plate-like bracket attached to the steering post with an adjustable operating lever pivotally operated by knee of operator. An arm is connected to lever, and an adjustable slider is connected to the foot pedal to change the range of operation of the foot pedal by the lever. (Owner) Henry W. Hapman, 2405 West McNichols, Detroit 21, Mich. Group 38—31. Reg. No. 9,484.

Pat. 2,436,275. TEMPERATURE CONTROL SYSTEM. Patented Feb. 17, 1948. Semi-automatic control for hand-fired furnaces automatically checks draft on fire when heat rises beyond the set temperature. Draft regulator of furnace is connected by chain to a yoke made of metal having a lower coefficient of expansion than the column which it holds. When set temperature is reached, unequal expansion of yoke and column actuates a bimetallic disc which strikes a pawl, unlatching a hook which disengages a chain, closing the draft regulator so that the rate of combustion in the furnace is retarded. The thermostat is reset manually when the temperature falls below the set point. (Owner) Irvin E. Wiegers, 2243 Benton St., St. Louis 6, Mo. Group 33—66. Reg. No. 9,485.

Pat. 2,433,247. UTILITY RACK. Patented Dec. 23, 1947. Foldable clothes rack (of wood or plastic) for supporting various articles of clothing has a supporting arm which is capable of being swung from horizontal to vertical position to conserve space. When the arm is swung to vertical position, articles of clothing supported by conventional wire garment hangers depending from the arm will overlie each other in substantially flat relationship. The rack consists of a short support, for attachment to a wall, having a tongue on its upper end fitted into the bifurcated end of the arm and held by a pin to permit swinging movement of the arm. The arm is held in vertical position in axial alignment with the support by a cooperating spring detent and keeper in the end of the tongue and bifurcation. A slight outward pull on the arm will displace detent from keeper. Shoulders at the base of the tongue hold the arm in horizontal position. (Owner) Ralph E. Stowell, Wellington, Tex. Groups 25—41; 33—49; 39—81. Reg. No. 9,486.

Pat. 2,273,881. VARIABLE AIRFOIL. Patented Feb. 24, 1942. To provide increased lifting power, the conventional wing structure is open to provide a chamber for an auxiliary airfoil or flap so seated that its trailing edge closes the entrance to the chamber. The flap rides on a downwardly curved interior track and, when extended, the flap assumes an inclined position as a continuation of the upper and lower surface of the main wing without break. The flap is cable operated and may be projected into the position best suited for normal take off and climbing. Naumann Aircraft Corporation, 226 West Spruce St., Inglewood, Calif. Group 37—22. Reg. No. 9,487.

Pat. 2,426,785. VARIABLE AIRFOIL. Patented Sept. 2, 1947. This auxiliary airfoil, like that described in Patent 2,273,881, is housed within the conventional wing. This flap, however, is composed of a number of rigidly interconnected sections movable to various positions in and out of a chamber provided within the wing to increase

the curvature and area of the combined airfoils for additional lifting power. A gap is formed between each two sections allowing the sections to be moved rearwardly and inclined downwardly with respect to the wing to be exposed to the airflow depending on the lift coefficient desired. The unexposed sections remain within the chamber and do not add to the drag coefficient. (Owner) Naumann Aircraft Corporation, 226 West Spruce St., Inglewood, Calif. Group 37—22. Reg. No. 9,488.

Pat. 2,430,114. ARTIFICIAL BAIT. Patented Nov. 4, 1947. Bait carries spring-driven propellers on opposite sides, one larger than the other, causing bait to move slowly in a circular path through the water to simulate movements of a live fish. Bait consists of a hollow body with the propellers mounted on a common shaft. A spring with one end secured to the shaft is wound therearound by a key. Other end of spring is secured to a fixed shaft on which the spring has a tendency to wind. A spring arm frictionally engages and retards movement of the spring as it winds on fixed shaft. Top side of bait at center has an eye for attachment to fishing line. Front, rear, and bottom of bait are provided with fishhooks. (Owner) A. J. R. Helmus, Box 570, Spartanburg, S. C. Groups 39—49; 40. Reg. No. 9,489.

Pat. 2,419,746. ERASER. Patented Apr. 29, 1947. A detachable eraser (preferably of rubber) for pencil, having a sponge rubber area for moistening purposes or for turning pages. Lower half of eraser is hollow and fits over end of pencil. Upper half tapers to erasing tip, with flat faces. Sponge rubber is anchored in central bore, extending through and slightly beyond one face of tip. (Owner) Rosario Veria, 317 South Olive St., Los Angeles 13, Calif. Groups 30—51; 39—51—52; 40. Reg. No. 9,490.

Pat. 2,431,330. TOILET FIXTURE. Patented Nov. 25, 1947. (Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757.) Sheet metal urinal for use on ships or other places where vitreous types are impracticable because of weight and fragility. Comprises a horizontal bowl and a vertical apron pressed as a single unit from sheet metal, with a combined reenforcing and flushing tube extending continuously around the edges of bowl and apron. A chamber inside top of apron connects an inlet fitting with the tube. Tube is perforated at inner part to direct flushing liquid against inner surface of bowl and apron. The chamber is also perforated to direct flushing liquid against apron in back of the chamber. This construction makes the urinal more sanitary and less expensive than ordinary urinals. (Owner) Alford C. Johnson, 140 Woodside Ave., Winthrop 52, Mass. Group 33—61. Reg. No. 9,491.

Des. Pat. 147,788. SUITCASE SEAT. Patented Nov. 4, 1947. Suitcase of rigid construction is designed with a seat for use when desired. (Owner) P. J. Gormley, 306 High St., Frankfort, Ky. Group 31—61. Reg. No. 9,492.

Pat. 2,429,019. MAIL BAG PROTECTOR. Patented Oct. 14, 1947. Cape-like protector is adapted for attachment to a postman's bag of the type having a shoulder strap with buckles near opposite ends for coupling strap to bag. The protector effectively shields contents of bag from rain, etc., without interfering with access by postman to contents. It consists of a light-weight sheet of waterproof material (wider at bottom than at top) with a strap inserted in a hem at the top. When attached, hem and strap overlie strap of bag with opposite ends of protector strap inserted through the buckles. Top of sheet is wider than the distance between the buckles to permit it to be gathered or shirred when being attached so that the hem will lie between the buckles. (Owner) Raymond W. Freed, 605 West Buckthorn St., Inglewood, Calif. Groups 23—86; 39—81; 40. Reg. No. 9,493.

Pat. 2,430,765. REPAIR DEVICE FOR FLUSH TANKS. Patented Nov. 11, 1947. Valve repair fixture may be quickly inserted as a unit to repair a leaky valve of a flush tank. It consists of a short pipe having a flared seat on its upper end for a ball valve, a substantially L-shaped overflow tube integrally formed with and communicating with the side of the pipe, and an actuating rod extending downwardly inside the tube for lifting the ball off the seat. The pipe near its lower end has an annular shoulder on its outer surface adapted to seat on a gasket placed on the old valve seat, which projects upwardly inside tank. Short straps, each carrying a thumb screw, are provided for detachably clamping the shoulder to the old seat when securing fixture to tank. (Owner) W. A. Garrigan, 820 North Pearl St., Beaumont, Tex. Group 33—61. Reg. No. 9,494.

Pat. 2,434,242. SPACE MISER CLOTHES RACK. Patented Jan. 13, 1948. This collapsible garment rack comprises a support having a channel which acts as a compartment for a resiliently and slidably mounted bar equipped with hooks. The bar, which conforms to the shape of the channel, may be folded back so that its underside is flush with the outer surface of the support, concealing the hooks from view within the compartment. The rack is adapted for use in airplane cabins, railway cars, boats, automobiles, and other places where conservation of space is essential. A modification of the rack is shown. (Owner) B. P. Hermes, 1620 Lemon St., Cottage "E", Alhambra, Calif. Groups 25—99; 40. Reg. No. 9,495.

Pat. 2,429,725. ENGINE. Patented Oct. 28, 1947. This patent relates to internal combustion engine systems in which power generated by the combustion of fuel is utilized in a turbine and in which a compressor unit directly associated with the combustion chamber is used to furnish and compress air necessary for combustion. The gases under high pressure are stored in a tank and then supplied to the turbine. The turbine shaft drives the compressor piston. An air admission slide valve on the side of the compressor cylinder controls admission of the quantity of air to be compressed. A centrifugal governor carried by flywheel on turbine shaft is operatively connected to the slide valve and fuel pump. The action of the governor in response to engine speed adjusts the valve to control the admission of air and simultaneously controls the amount of fuel injected into the combustion chamber. Pressure operated valves are provided for admitting air from compressor into combustion chamber and discharge of exhaust gases from combustion chamber into tank. (Owner) Frank Kucera, 512 North 14th St., Lincoln 8, Nebr. Group 35—19. Reg. No. 9,496.

Correction

Patent of the Hoover Company for an ice tray, Reg. No. 9,123, appearing in OFFICIAL GAZETTE of February 17, 1948, as Pat. No. 1,993,614, should bear Pat. No. 1,933,614.

TRADE-MARKS

OFFICIAL GAZETTE, APRIL 13, 1948

[VOL. 609. NO. 2]

ACT OF 1905

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication. As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Marks published for opposition under the act of 1946 follow the 1905 publications.

CLASS 2

RECEPTACLES

Ser. No. 507,202. LUCE MANUFACTURING COMPANY, Kansas City, Mo. Filed Aug. 10, 1946.

Take-me-along

FOR VANITY CASES HAVING A WOOD FRAME BASE COVERED WITH PAPER OR CLOTH AND SOLD EMPTY.

Claims use since Jan. 1, 1939.

Ser. No. 512,652. DURANOL PRODUCTS, INC., Brooklyn, N. Y. Filed Nov. 15, 1946.

DUR-A-LIFT

Applicant is the owner of Reg. No. 335,139.

FOR HAT BOXES, SHOE BOXES, FUR BOXES, LINGERIE BOXES, TISSUE BOXES, POWDER BOXES, HOSE BOXES, TRINKET BOXES, UTILITY BOXES, FLOWER BOXES, COLLAR BOXES, SEWING AND KNITTING BOXES, MADE OF PLASTIC, PLASTIC COMPOSITION, FIBER, AND/OR WOOD.

Claims use since Sept. 25, 1946.

Ser. No. 523,052. CAMPBELL ROBINSON BATCHELLER, doing business as Robinwood, New York, N. Y. Filed May 26, 1947.



ROBINWOOD

FOR CHESTS AND BOXES, FOR STORAGE OR GENERAL UTILITY PURPOSES, SALAD BOWLS, AND TRAYS, MADE OF WOOD OR OF WOOD AND VENEER.

Claims use since Sept. 9, 1941.

Ser. No. 523,316. BERNARD H. KAMINER, New York, N. Y. Filed May 31, 1947.

SHU-TOGS

No claim is made to the word "Shu" apart from the mark.

FOR PROTECTIVE KNITTED FABRIC BAGS FOR SHOES.

Claims use since Apr. 30, 1947.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 514,378. RICARDO METAL MFG. CO., Denver, Colo. Filed Dec. 16, 1946.



FOR ANIMAL EQUIPMENT — NAMELY, BITS, SPURS, ALUMINUM SADDLE AND HARNESS ORNAMENTS, AND BUCKLES.

Claims use since Nov. 1, 1941.

Ser. No. 516,474. PHILIP FLORIN, INC., New York, N. Y. Filed Jan. 28, 1947.



FOR WALLETS.

Claims use since Jan. 20, 1947.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 519,976. PEERLESS PACKERS, New York, N. Y. Filed Apr. 1, 1947.

VEGTABATH

FOR PREPARATION, IN TABLET FORM, WHICH IS DISSOLVED IN WATER AND USED FOR WASHING FRUIT AND VEGETABLES.
Claims use since Oct. 5, 1946.

Ser. No. 521,937. LEONARD J. SPRANGER, doing business as L. Spranger Products Co., Oak Park, Ill. Filed May 5, 1947.

GRE-SORBENT

FOR CLEANER, IN POWDER FORM, FOR OILS AND GREASES.
Claims use since June 7, 1940.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 474,992. CHANDLER-EVANS CORPORATION, South Meriden, Conn., assignor to Niles-Bement-Pond Company, West Hartford, Conn., a corporation of New Jersey. Filed Oct. 6, 1944.

CECO-PLUG

The word "Plug" is disclaimed.
FOR CONTAINERS CARRYING DESICCATING MATERIAL, OR OTHER AGENTS IN THE NATURE OF CHEMICALS, TO BE POSITIONED IN CYLINDERS OF IDLE INTERNAL COMBUSTION ENGINES, OR OTHER CHAMBERS, TO PREVENT CORROSION OR OTHER DESTRUCTIVE EFFECTS OF VAPORS OR GASES.
Claims use since Feb. 29, 1944.

Ser. No. 497,371. CORN PRODUCTS REFINING COMPANY, New York, N. Y. Filed Feb. 28, 1946.

DEXTROPUR

FOR DEXTROSE USED FOR PHARMACEUTICAL AND INDUSTRIAL PURPOSES.
Claims use since Jan. 25, 1946.

Ser. No. 504,896. GREAT LAKES CARBON CORPORATION, Chicago, Ill., and Los Angeles, Calif. Filed July 1, 1946.

DICALITE

FOR COMPOSITIONS OF INERT MINERAL ABSORBENTS AND HYGROSCOPIC SALTS, IN POWDERED OR LUMP FORM, FOR DEHUMIDIFYING AIR AND OTHER GASES.
Claims use since June 1, 1946.

Ser. No. 507,411. SOCIETE MURY-EXPORTATION, Paris, France. Filed Aug. 14, 1946.

NARCISSE BLEU

FOR PERFUME, LIPSTICK, HAND AND FACE LOTION, HAND AND FACE CREAM, AND TOILET WATER.
Claims use since Aug. 22, 1940.

Ser. No. 512,671. RICHARD HUDNUT, New York, N. Y. Filed Nov. 15, 1946.

BRIGHT FLIGHT

FOR FACE POWDER, ROUGE, AND LIPSTICK.
Claims use since Aug. 15, 1946, on lipstick; and since Sept. 25, 1946, on face powder and rouge.

Ser. No. 518,583. THE ANDREW JERGENS COMPANY, Cincinnati, Ohio. Filed Mar. 6, 1947.

PINK FROSTING

No claim is made for the word "Pink" apart from the mark as shown.
FOR FACE POWDER.
Claims use since Dec. 5, 1946.

Ser. No. 520,035. THE HIGLEY CHEMICAL COMPANY, Dubuque, Iowa. Filed Apr. 2, 1947.

Dead-Lite

No request is herein made for registration of the word "Dead" apart from the mark as shown.
FOR LIQUID INSECTICIDE COMPOSITION.
Claims use since Oct. 27, 1931.

Ser. No. 521,252. GOODWIN LABORATORIES, INC., New York, N. Y. Filed Apr. 24, 1947.

TICKAWAY

FOR INSECTICIDES.
Claims use since Apr. 22, 1947.

Ser. No. 521,476. SOCIETE A RESPONSABILITE LIMITEE: COTTAN, PARFUMEUR, Asnieres, France. Filed Apr. 28, 1947. Under 10-year proviso.

Cottan

FOR PERFUME.
Claims use since 1879.

Ser. No. 523,768. COMMANDITAIRE VENNOOTSCHAP PENTO COSMETIC, Amsterdam, Netherlands. Filed June 7, 1947.

CONOX

FOR EAU DE COLOGNE, PERFUMERY, COSMETICS AND TOILET ARTICLES—NAMELY, DENTIFRICES IN PASTE, POWDER AND LIQUID FORM, MOUTH WASH, VANISHING CREAM, COLD CREAM, HAND JELLY, LIQUID CREAM, TALCUM POWDER, BABY POWDER, MASCARA, CLEANSING CREAM, SKIN CREAM, LIQUID AND POWDER SHAMPOO, BRILLIANTINE IN SOLID AND LIQUID FORM, AFTER SHAVE LOTIONS, FACE LOTION, FACE POWDER, HAIR TONIC, LIPSTICKS, COMPACT ROUGE AND CREAM ROUGE.
Claims use since April 1946.

Ser. No. 523,901. THE MABEX CO., Philadelphia, Pa. Filed June 10, 1947.

MABEX

FOR MOTH CAKES AND CRYSTALS, AND DEODORANTS.
Claims use since 1932.

Ser. No. 523,972. LYNWOOD COMPANY, INC., Chicago, Ill. Filed June 11, 1947.

DISILYN

FOR DISINFECTANT HAVING BACTERICIDAL, GERMICIDAL AND FUNGICIDAL PROPERTIES.
Claims use since June 28, 1945.

Ser. No. 525,662. JOSEPH H. OSENDOWSKI, doing business as Arleen Food Products or Arleen Products, Philadelphia, Pa. Filed July 2, 1947.

ARLEEN

FOR AMMONIA AND BLEACH.
Claims use since Dec. 17, 1946.

CLASS 7

CORDAGE

Ser. No. 515,918. TUBBS CORDAGE COMPANY, San Francisco, Calif. Filed Jan. 17, 1947. Under 10-year proviso.

TUBBS CORDAGE COMPANY

Applicant is the owner of registration No. 436,047, "Tubbs" registered Jan. 20, 1948 effected under the 10-year proviso.
FOR ROPES, CORDS AND TWINES MADE FROM HARD FIBRES.
Claims use since July 1, 1856, as to "Tubbs Cordage Company"; and since Jan. 1, 1925, as to the mark as a whole.

Ser. No. 516,478. GENERAL TEXTILE MILLS, INC., New York, N. Y. Filed Jan. 28, 1947.

"TUG'ER"

FOR TOW-LINES.
Claims use since Jan. 15, 1947.

CLASS 12

CONSTRUCTION MATERIALS

Ser. No. 510,564. BASIC REFRACTORIES, INC., Cleveland, Ohio. Filed Oct. 10, 1946.

GUNCHROME

FOR GRANULAR REFRACTORY COMPOSITIONS SUITABLE FOR FURNACE LINING AND REPAIRING.
Claims use since Sept. 30, 1946.

Ser. No. 516,252. R. S. BROWN MANUFACTURING COMPANY, INC., Philadelphia, Pa. Filed Jan. 24, 1947.

ARBEE

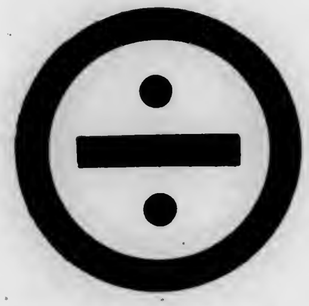
FOR RAINSPOUTS AND GUTTER HANGERS, HOLDERS AND HOOKS, END PIECES, OUTLETS, SLIP-JOINT CONNECTIONS AND EVE TROUGH HANGERS.
Claims use since July 29, 1946.

Ser. No. 524,632. T. W. HANDS FIREWORKS CO. LIMITED, Cooksville Post Office, Ontario, Canada. Filed June 21, 1947.

STYROTILE

FOR TILES FOR SURFACING FLOORS OR WALLS.
Claims use since May 15, 1947.

Ser. No. 525,018. OREFRACTION INCORPORATED, Pittsburgh, Pa. Filed June 27, 1947.



FOR CERAMIC HEAT-CONDUCTING MATERIALS, AND CERAMIC HEAT-INSULATING.
Claims use since May 14, 1940.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 510,798. POWERS MANUFACTURING COMPANY, Los Angeles, Calif. Filed Oct. 12, 1946.

POWER-LINE

FOR STAPLES FOR INDUSTRIAL USES.
Claims use since Apr. 1, 1946.

CLASS 15

OILS AND GREASES

Ser. No. 509,210. EDGE & SPRAGUE, doing business as Edge-Sprague Distributors, Tyler, Tex. Filed Sept. 17, 1946.

IDEAL

FOR GASOLINE MOTOR FUEL OIL, LUBRICATING OIL AND LUBRICATING GREASES.
Claims use since Sept. 15, 1945.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Ser. No. 496,867. SEWALL PAINT & VARNISH COMPANY, Kansas City, Mo. Filed Feb. 18, 1946.

SILVER CLAD

The word "Silver" is disclaimed.
FOR ALUMINUM HOUSE PAINT, ALUMINUM ENAMEL, METAL AND MASONRY PAINT.
Claims use since Feb. 12, 1946.

Ser. No. 497,847. COLONIAL REFINING & CHEMICAL COMPANY, Cleveland, Ohio. Filed Mar. 8, 1946.

IRON-AGE

The word "Iron" is disclaimed apart from the mark.
FOR READY-MIXED PAINTS FOR USE ON THE SURFACES OF VARIOUS KINDS OF MATERIALS INCLUDING WOOD, IRON, STEEL, TILE, BRICK, STONE, TIN, AND CONCRETE.
Claims use since August 1945.

Ser. No. 507,850. THE RESINOUS PRODUCTS & CHEMICAL COMPANY, Philadelphia, Pa. Filed Aug. 22, 1946.

ACRYLOID

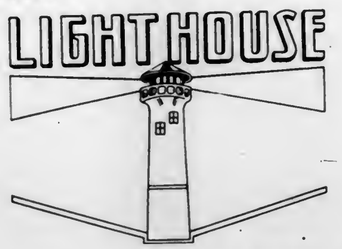
FOR SOLUTIONS OF SYNTHETIC ORGANIC THERMOPLASTIC RESINS CHARACTERIZED BY THEIR WATER-WHITE COLOR, HIGH DEGREE OF TRANSPARENCY, AND RESISTANCE TO DISCOLORATION, SAID SOLUTIONS BEING IN THE NATURE OF LACQUERS, SUITABLE FOR USE, IN PIGMENTED OR UNPIGMENTED FORM, AS PROTECTIVE COATINGS.
Claims use since Sept. 14, 1934.

Ser. No. 512,611. RODAEL PRODUCTS CO., New York, N. Y. Filed Nov. 14, 1946.

FLORO FANE

FOR PLASTIC VARNISHES.
Claims use since Nov. 4, 1946.

Ser. No. 512,921. IRVING B. NEIDITCH, doing business as Irving Paint & Varnish Co., New York, N. Y. Filed Nov. 20, 1946.



FOR PAINTS—NAMELY, LIQUID PAINTS, PASTE PAINTS, LEAD PAINTS, READY-MIXED PAINTS, PLASTIC PAINTS, LACQUER TYPE PAINTS AND SYNTHETIC PAINTS, USED ON THE INTERIOR AND EXTERIOR OF BUILDINGS, METAL AND IRON PRODUCTS, CONCRETE, AND FURNITURE.
Claims use since May 1, 1938.

Ser. No. 515,289. PHILIP BALABER, doing business as Specialty Products Company, Lakewood, N. J. Filed Jan. 6, 1947.



FOR READY MIXED PAINTS.
Claims use since 1944.

Ser. No. 515,425. HETTOM INDUSTRIES, Oak Park, Ill. Filed Jan. 8, 1947.

glip

FOR TRANSPARENT PROTECTIVE SURFACE COATING FOR METAL, WOOD, FABRIC AND OTHER MATERIALS.
Claims use since Mar. 8, 1946.

Ser. No. 516,900. INTERCHEMICAL CORPORATION, New York, N. Y. Filed Feb. 4, 1947.

R-V

FOR FLATTING AGENTS HAVING A GENERAL APPLICATION IN THE PAINT, VARNISH, AND LACQUER TRADE.
Claims use since Oct. 9, 1946.

Ser. No. 521,606. NEW METHOD PAINT CO., Kansas City, Mo. Filed Apr. 30, 1947.

PEB-O-LAC

The term "Lac" is disclaimed.
FOR READY MIXED OIL PAINT, VARNISH, AND PAINT ENAMEL.
Claims use since August 1932.

Ser. No. 522,740. THE PERMA PRODUCTS COMPANY, Cleveland, Ohio. Filed May 20, 1947.

PERMA-IVORY

No claim is made to the word "Ivory" apart from the mark.
FOR EXTERIOR PAINTS IN BOTH PASTE AND LIQUID FORMS.
Claims use since 1932.

CLASS 19

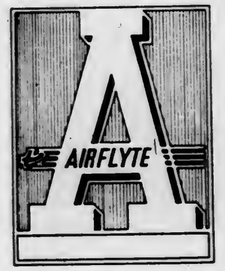
VEHICLES

Ser. No. 511,105. PHELON & MOORE LIMITED, Cleckheaton, Yorkshire, England. Filed Oct. 18, 1946.

PANTHER

FOR MOTOR CYCLES, SIDECARS, AND THEIR PARTS.
Claims use since May 1, 1936.

Ser. No. 518,141. THE HUFFMAN MANUFACTURING COMPANY, Dayton, Ohio. Filed Feb. 26, 1947.



The drawing is lined for shading only.
FOR BICYCLES AND STRUCTURAL PARTS THEREOF.
Claims use since Apr. 20, 1936.

Ser. No. 519,085. OAKES & COMPANY, Chicago, Ill. Filed Mar. 15, 1947.

WESTPOINT

FOR BICYCLES, BICYCLE HANDLE BAR GRIPS AND AUTOMOBILE SEAT COVERS.
Claims use since Feb. 25, 1947.

Ser. No. 520,316. AIR-O-MATIC POWER STEER CO., Cleveland, Ohio, assignor to Air-O-Matic Power Steer Corporation, Cleveland, Ohio, a corporation of Ohio. Filed Apr. 8, 1947.

APSCO

FOR POWER BOOSTERS FOR STEERING MECHANISM, THAT IS, MEANS OPERATED BY COMPRESSED AIR FOR ACTUATING OR ASSISTING IN THE ACTUATION OF THE STEERING MECHANISM OF AUTOMOTIVE VEHICLES.
Claims use since Feb. 1, 1947.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 487,271. HELEN MOORE, New York, N. Y. Filed Aug. 18, 1945.

SPECTRONICS

FOR WOODEN TOYS—NAMELY, BLOCKS, CONSTRUCTION SETS, COLOR PUZZLES, CONSISTING OF BLOCKS OF VARIED COLORS AND SHAPES.
Claims use since Aug. 7, 1945.

Ser. No. 494,734. EDWARD N. ANDREWS, Rockford, Mich., assignor to Ranger Inc., Rockford, Mich., a corporation of Michigan. Filed Jan. 14, 1946.



The illustration is fanciful.
FOR DUCK AND GOOSE CALLS, BOOT AND WADER HANGERS, SKI BOOT BAGS, FISHING REEL BAGS, SKIS, ICE SKATES, AND TOBOGGANS.
Claims use since on or about Apr. 21, 1945.

Ser. No. 497,871. LONDONDERRY PRODUCTS, INC., South Londonderry, Vt. Filed Mar. 8, 1946.



No claim is made to the word "Line" nor to the phrase "Toys of Distinctive Design" apart from the mark.
FOR WOODEN TOYS, PULL TOYS AND EDUCATIONAL TOYS.
Claims use since December 1944.

Ser. No. 502,371. WILLIAM R. FRANKLIN, Los Angeles, Calif. Filed May 18, 1946.

GOOD FORME

FOR CHILD'S TOYS, MORE PARTICULARLY TOY TRUCKS.
Claims use since Dec. 7, 1945.

Ser. No. 504,778. KENNETH J. MCCARREN, Detroit, Mich. Filed June 28, 1946.

GRUMBLE JUG

The word "Jug" is disclaimed apart from the mark.
FOR TOY BANKS.
Claims use since May 25, 1946.

Ser. No. 505,183. CHEERIO TOYS & GAMES LIMITED, Toronto, Ontario, Canada, assignor to Cheerio Toys & Games Incorporated, Lockport, N. Y. Filed July 8, 1946.

PRO

FOR PADDLE BALLS AND BANDALORE TOPS.
Claims use since 1939.

Ser. No. 507,491. WILLIAM REINEKING, Melbourne, Fla. Filed Aug. 15, 1946.

Par-fector

FOR GOLF ACCESSORY AND MORE PARTICULARLY A GOLF SWING-CORRECTOR SLEEVE.
Claims use since June 28, 1946.

Ser. No. 508,049. LANE-WALKER & GRAVELY, INC., Roanoke, Va. Filed Aug. 26, 1946.

HONEST JOHN

FOR BOARD GAME USING AN ARROW WHICH IS SPUN TO INDICATE ODDS USED IN DETERMINING SCORE, OR PAY-OFF.
Claims use since Aug. 15, 1946.

Ser. No. 508,454. UNITED MANUFACTURERS, INC., New York, N. Y. Filed Sept. 3, 1946.

"The WADDLE family"

FOR PULL TOYS IN THE FORM OF ANIMALS ON WHEELS.
Claims use since Nov. 7, 1945.

Ser. No. 508,878. WILLIAM H. WADE, Great Falls, Mont. Filed Sept. 11, 1946.



The words "Bill and Betty Wade's" and the word "Guard" are disclaimed apart from the mark.
FOR ICE SKATE GUARD.
Claims use since Aug. 23, 1946.

Ser. No. 509,510. GENERAL MACHINE COMPANY, Milwaukee, Wis. Filed Sept. 21, 1946.

RITE-ARC

FOR GOLF CLUBS OF THE CHARACTER KNOWN AS "PUTTERS."
Claims use since Aug. 28, 1946.

Ser. No. 515,216. BEE-LINE PRODUCTS CO., Evanston, Ill. Filed Jan. 3, 1947.

"DAFFY DUELING"

FOR GAME CONSISTING OF A PAIR OF WANDS UPON WHICH A BALL IS SUPPORTED AND ADAPTED TO BE HANDLED BY TWO OPPONENTS, THE OBJECT OF THE GAME BEING TO KNOCK THE BALL FROM THE OTHER PERSON'S WAND.
Claims use since June 1, 1946.

Ser. No. 519,151. ROBERT E. VOSHELL and JOHN T. BERDNER, Los Angeles, Calif. Filed Mar. 17, 1947.

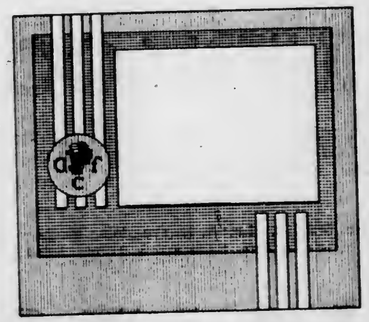
CASHIER

FOR CARD GAME.
Claims use since Feb. 6, 1947.

CLASS 23

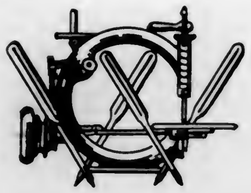
CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 491,627. CARTER CARBURETOR CORPORATION, St. Louis, Mo. Filed Nov. 15, 1945.



The shading represents the colors red and black.
FOR INTERNAL COMBUSTION ENGINES AND AUTOMOTIVE ACCESSORIES AND PARTS—NAMELY, CARBURETORS, FUEL FILTERS, FUEL PUMPS, AND TOOLS AND PARTS THEREOF.
Claims use since April 1936.

Ser. No. 504,522. WILLCOX & GIBBS SEWING MACHINE COMPANY, New York, N. Y. Filed June 24, 1946. Under 10-year proviso.



The mark consists of a picture of a sewing machine head resembling the letter "G" combined with needles arranged to form the letter "W" in monogram style.

FOR SEWING MACHINES.

Claims use since July 1871.

Ser. No. 504,523. WILLCOX & GIBBS SEWING MACHINE COMPANY, New York, N. Y. Filed June 24, 1946.

W. & G.

FOR SEWING MACHINE PARTS AND ATTACHMENTS.

Claims use since September 1875.

Ser. No. 513,473. STOKES BROS. MANUFACTURING CO., Freehold, N. J. Filed Nov. 29, 1946. Under 10-year proviso.

STOKES' BROS.

FOR RASPS AND FILES.

Claims use since 1888.

Ser. No. 515,575. LYNN PRODUCTS CO., Chicago, Ill. Filed Jan. 10, 1947.

LYNLOC

FOR PLIER WRENCHES, HAND WRENCHES AND MANUALLY USED GRASPING AND LOCKING TOOLS.

Claims use since Nov. 1, 1946.

Ser. No. 519,022. LEO A. MAYER, doing business as Icies Products Company, Minneapolis, Minn. Filed Mar. 14, 1947.

ICIES

FOR MOLDS FOR MAKING FROZEN ARTICLES.

Claims use since Feb. 15, 1947.

Ser. No. 519,599. PREMIER APPLIANCE CO., INC., New York, N. Y. Filed Mar. 26, 1947.

FIRE-WARDEN

No claim is made to the term "Fire" and the representation of the goods.

FOR MECHANICAL FIRE ALARM BELL RINGING DEVICES.

Claims use since November 1946.

Ser. No. 521,679. OVERTON MACHINE COMPANY, Dowagiac, Mich. Filed May 1, 1947.

TWENTY YEAR

FOR CYLINDERS FOR DRYING MACHINES FOR DRY SKIM MILK, DRY BUTTERMILK, DRY WHOLE MILK, DRY WHEY, DISTILLERIES' SOLUBLES, SOAP SUBSTITUTES AND DETERGENTS, CEREALS, BREWERS' YEAST, AND FISH MEAL.

Claims use since June 1, 1946.

Ser. No. 524,127. GLAZIERS' TOOL MFG. CORP., Chicago, Ill. Filed June 13, 1947.

TROJAN

FOR WALL AND FLOOR SCRAPERS, GLASS PLIERS, CHISELS, MALLETS, HAMMERS, CAULKING GUNS, CIRCLE GLASS CUTTERS, GLAZIERS' POINT DRIVERS, SCREW DRIVERS, VACUUM CUP GLASS HOLDERS, GAUGE GLASS CUTTERS, LINOLEUM KNIVES AND GLASS DRILLS.

Claims use since July 1924 on wall and floor scrapers; since April 1926 on glass pliers and chisels; since September 1932 on mallets and hammers; since June 1936 on circle glass cutters, glaziers' point drivers; since August 1935 on caulking guns; since January 1937 on screw drivers; since July 1938 on vacuum cup glass holders and gauge glass cutters; since March 1940 on linoleum knives; and since October 1945 on glass drills.

Ser. No. 524,265. AMERICAN CAR AND FOUNDRY COMPANY, New York, N. Y. Filed June 14, 1947.

RESISTO

FOR ROLLS, CRUSHERS, PULVERIZERS, LINEAR PLATES AND BEARINGS USED AS PARTS OF EQUIPMENT FOR PROCESSING CEMENT AND COAL.

Claims use since Dec. 1, 1924.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 506,916. THE BASTIAN-BLESSING COMPANY, Chicago, Ill. Filed Aug. 6, 1946.

ROTOGAGE

FOR LIQUID LEVEL GAGES FOR USE IN CONJUNCTION WITH LIQUEFIED GAS CONTAINERS, AND PARTS OR ACCESSORIES FOR USE THEREWITH.

Claims use since Apr. 17, 1945.

Ser. No. 513,723. DERMETICS, INC., Seattle, Wash., and New York, N. Y. Filed Dec. 5, 1946.

BEAUTYSCOPE

FOR PROJECTORS FOR PROJECTING AND DISPLAYING IMAGES ON A SCREEN.

Claims use since Oct. 9, 1943.

Ser. No. 518,424. A. G. OPTICAL COMPANY, Chicago, Ill. Filed Mar. 3, 1947.



The lining in the drawing indicates shading only. Applicant disclaims the word "Products" apart from the mark as shown.

FOR MONOCULAR MAGNIFIERS, PROJECTION LENS OPTICS, CAMERA LENSES, BINOCULAR LENSES, TELESCOPE OPTICS, CONDENSING LENS SYSTEMS, CONSISTING OF ONE LENS OR A NUMBER OF LENSES, SO ARRANGED AS TO PRODUCE A CONCENTRATED SOURCE OF LIGHT, SOUND LENS SYSTEMS, CONSISTING OF OPTICAL COMBINATIONS USED IN FILM PROJECTION EQUIPMENT, FOR REPRODUCING SOUND FROM SOUND FILM, AND MICROSCOPE OPTICS.

Claims use since Feb. 15, 1947.

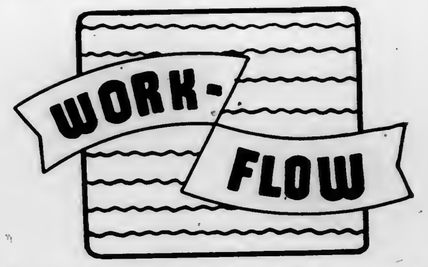
Ser. No. 519,234. TECHNIFINISH LABORATORY, INC., Rochester, N. Y., now by change of name Kryptar Corporation. Filed Mar. 18, 1947.

KRYPTAFLASH

FOR ELECTRONIC SPEED LAMPS AND PARTS THEREOF, FOR PHOTOGRAPHIC AND OTHER USES.

Claims use since Dec. 2, 1946.

Ser. No. 523,837. HASKELL MANUFACTURING COMPANY, INC., Pittsburgh, Pa. Filed June 9, 1947.



No claim is made to the word "Work" apart from the mark shown.

FOR DRAFTING TABLES.

Claims use since Aug. 1, 1945.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Ser. No. 522,970. BRUNER-RITTER, INC., New York, N. Y. Filed May 24, 1947.

Bretweave

FOR WATCH BRACELETS, NOT INCLUDING WATCHES.

Claims use since Feb. 1, 1947.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 475,930. STERLING FURNITURE MANUFACTURING COMPANY, West Sterling, Mass. Filed Oct. 31, 1944.



FOR HIGH CHAIRS, NURSERY CHAIRS, BABY CRIBS, YOUTH BEDS, JUVENILE DRESSERS, JUVENILE WARDROBES, AND CRIB MATTRESSES.

Claims use since Aug. 5, 1943.

Ser. No. 505,270. THE THOMAS WILSON STUDIOS, Grand Rapids, Mich. Filed July 8, 1946.

"Jewels in Wood"

The word "Wood" is disclaimed apart from the mark as shown.

FOR MIRRORS, CONSOLES, OCCASIONAL CHAIRS, WALL BRACKETS, COCKTAIL TABLES, LAMP TABLES, CORNER CABINETS.

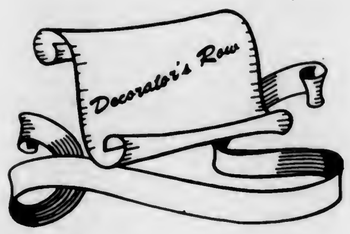
Claims use since Mar. 1, 1936.

Ser. No. 516,189. DANIEL HUTTNER, doing business as Sanitary Feather Company, Chicago, Ill. Filed Jan. 23, 1947.

FEATHER MASTER

The word "Feather" is disclaimed apart from the mark.
FOR PILLOWS.
Claims use since Dec. 20, 1946.

Ser. No. 518,455. THE CHARLES FURNITURE CO., INC., New York, N. Y. Filed Mar. 4, 1947.



FOR BEDDING, CONSISTING OF MATTRESSES AND BOX SPRINGS AND FOR BEDROOM, LIVING ROOM AND DINING ROOM FURNITURE CONSISTING OF BEDS, SOFA BEDS, LOVESEAT BEDS, LOUNGES, STUDIO COUCHES, LIVING, DINING ROOM, COFFEE, AND END TABLES, BEDS, HOLLYWOOD BEDS, CHIFFEROBES, DRESSERS, DRESSING TABLES, SOFAS, ARMCHAIRS, CLUB CHAIRS, CHINA AND CURIO CABINETS, COMMODES AND BREAKFRONTS.
Claims use since Jan. 1, 1942.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 502,857. TRIAD PRODUCTS CORPORATION, Chicago, Ill. Filed May 27, 1946.



The term "The Modern Heat," and the representation of a burner and flame are disclaimed.
FOR GAS AND OIL FIRED BOILER TYPE HEATERS FOR HEATING BUILDINGS AND FOR HEATING WATER.
Claims use since June 22, 1926.

Ser. No. 520,665. J. T. WREN MANUFACTURING COMPANY, INC., doing business as J. T. Wren Mfg. Co., Jefferson City, Mo. Filed Apr. 14, 1947.



FOR ELECTRIC VENTILATING EXHAUST FANS IN HOUSINGS.
Claims use since May 9, 1946.

CLASS 37

PAPER AND STATIONERY

Ser. No. 503,787. ARROW FASTENER CO., INC., Brooklyn, N. Y. Filed June 13, 1946.

ARROW

FOR OFFICE STAPLING MACHINES.
Claims use since February 1935.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 483,722. HANS A. FRAENKEL, doing business as F-L Stamp Company and Maison F-L Des Timbres Poste, New York, N. Y. Filed May 24, 1945.



The trade-mark consists of the capital letter "F" and the small letter "l" followed by a point mark (.), the two letters being interlaced in monogram form.
FOR PHILATELIC ITEMS—NAMELY, STAMPS WITH OR WITHOUT A CANCELATION BY A POST-OFFICE, SOUVENIR-SHEETS CONSISTING OF A PIECE OF PAPER WITH A STAMP OR A SERIES OF STAMPS PLACED OR PRINTED THEREON, ENVELOPES AND POSTAL CARDS OF PHILATELIC VALUE HAVING A NON-CANCELED STAMP OR STAMPS PLACED OR PRINTED THEREON, AND ENVELOPES AND POSTAL CARDS OF PHILATELIC VALUE HAVING A STAMP OR STAMPS PLACED OR PRINTED THEREON AND CANCELED BY A POST-OFFICE.
Claims use since Nov. 20, 1944.

Ser. No. 503,740. OPEN ROAD PUBLISHING COMPANY, Boston, Mass. Filed June 12, 1946.

SPORTSMAN'S BOOK CLUB

The words "Book Club" are disclaimed.
FOR PRINTS AND PUBLICATIONS — NAMELY, BOOKS.
Claims use since Apr. 1, 1946.

Ser. No. 513,204. PHOTOGRAPHY, INC., Milwaukee, Wis. Filed Nov. 25, 1946.



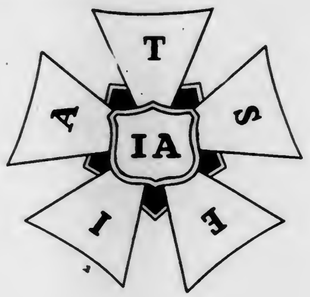
FOR PHOTOGRAPHS.
Claims use since Nov. 14, 1946.

Ser. No. 514,549. HOMER V. MARTIN, Lincoln, Nebr. Filed Dec. 19, 1946.

WHOSTORY

FOR NEWSPAPER FEATURE OR CARTOON.
Claims use since Oct. 18, 1946.

Ser. No. 523,040. INTERNATIONAL ALLIANCE OF THEATRICAL STAGE EMPLOYES AND MOVING PICTURE MACHINE OPERATORS OF THE UNITED STATES AND CANADA, New York, N. Y. Filed May 26, 1947.



FOR ORGANIZATION BULLETINS.
Claims use since Mar. 20, 1929.

Ser. No. 524,556. NEW JERSEY COMPASS, INC., Princeton, N. J. Filed June 20, 1947.

New Jersey
COMPASS

Applicant disclaims the exclusive right to use the words "New Jersey" except when used in combination with the word "Compass."
FOR MONTHLY PERIODICAL.
Claims use since June 1, 1947.

CLASS 39

CLOTHING

Ser. No. 478,399. LUBIN-WEEKER CO., INC., New York, N. Y. Filed Jan. 8, 1945.

WONDER CROTCH

Applicant is the owner of Reg. No. 307,311. No claim is made to the word "Crotch" apart from the mark shown on the drawing.
FOR PAJAMAS.
Claims use since Nov. 14, 1944.

Ser. No. 515,202. S. & M. SPORTSWEAR CO., New York, N. Y. Filed Jan. 2, 1947.



The picture is fanciful. Applicant disclaims the word "Modes."
FOR LADIES' SWEATERS.
Claims use since Aug. 12, 1946.

Ser. No. 519,057. BURKLAND GAEDE & CO., Chicago, Ill. Filed Mar. 15, 1947.



No claim is made to the word "Quality" apart from the mark as a whole.
FOR WOMEN'S UNDERPANTS.
Claims use since Feb. 12, 1947.

Ser. No. 519,827. ROCKWOOD MILLS, Rockwood, Tenn. Filed Mar. 29, 1947.

ROCK RIB

The word "Rib" is disclaimed apart from the mark shown.
FOR HOSIERY.
Claims use since June 1926.

Ser. No. 519,831. ROCKWOOD MILLS, Rockwood, Tenn. Filed Mar. 29, 1947.



No claim is made to the words "Hose" and "Rib."
FOR HOSIERY.
Claims use since June 1926.

Ser. No. 521,036. TENNESSEE GLOVE COMPANY, Tullahoma, Tenn. Filed Apr. 19, 1947.

BULL PUP

FOR FABRIC WORK GLOVES.
Claims use since Nov. 12, 1938.

Ser. No. 524,227. THE ALLIGATOR COMPANY, St. Louis, Mo. Filed June 16, 1947.

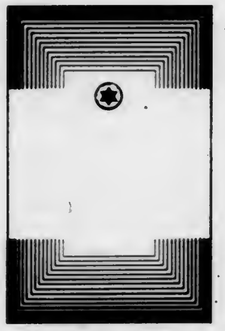
Galetone

FOR JACKETS, RAINCOATS AND TOP COATS FOR MEN.
Claims use since March 1939.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 484,504. THE STAR PIN COMPANY, Derby, Conn. Filed June 13, 1945.



FOR PINS, HAIRPINS, BOB PINS, AND HOOKS AND EYES.
Claims use since Sept. 1, 1940.

Ser. No. 503,639. D & D MANUFACTURING CORPORATION, Los Angeles, Calif. Filed June 11, 1946.

Easydunn

FOR KNITTING NEEDLES FOR HAND USE, AND PARTS OF THE KNITTING NEEDLES INCLUDING THE TIPS, SWIVELS AND CONNECTING ELEMENTS.
Claims use since Dec. 9, 1939.

Ser. No. 523,014. MELCO MANUFACTURING COMPANY, Los Angeles, Calif. Filed May 23, 1947.

"VENUS"
WIRED ADJUSTABLE

The words "Wired adjustable" are disclaimed apart from the mark.
FOR WOMEN'S SHOULDER PADS.
Claims use since July 15, 1946.

Ser. No. 525,337. KAUMAGRAPH COMPANY, Wilmington, Del. Filed July 1, 1947.



FOR TRANSFERS COMPRISING A PAPER BASE HAVING A FUSIBLE MARKING THEREON FOR APPLICATION BY MEANS OF HEAT TO TEXTILES AND OTHER MATERIALS THAT ARE USED FOR ART NEEDLEWORK OR FANCY WORK.
Claims use since Mar. 23, 1918.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 480,417. RUBE P. HOFFMAN, Los Angeles, Calif. Filed Mar. 2, 1945.



Madre

FOR PIECE GOODS OF WOOL, COTTON, SILK, AND RAYON, AND OF MIXTURES THEREOF.
Claims use since Sept. 1, 1944.

Ser. No. 503,867. DAVID COHEN TEXTILE CO., New York, N. Y. Filed June 14, 1946.

AMPHIBIA
When It's Wet It's Dry

The words "When It's Wet It's Dry" are disclaimed apart from the mark as shown.
FOR WATERPROOF TEXTILE FABRICS IN THE PIECE, OF COTTON, RAYON, WOOL, WORSTED, NYLON, PROTEIN FIBERS, AND COMBINATIONS THEREOF.
Claims use since Jan. 15, 1945.

Ser. No. 507,387. FOREMAN FABRICS CORP., New York, N. Y. Filed Aug. 14, 1946.

careso

FOR WOVEN TEXTILE FABRICS OF RAYON YARN IN THE PIECE.
Claims use since May 1946.

Ser. No. 517,288. CAMILDALE, INC., New York, N. Y. Filed Feb. 11, 1947.

Camildale

FOR TEXTILE FABRICS IN THE BOLT OF RAYON, SILK, COMBINATIONS OF RAYON AND NYLON, WOOL, AND WORSTED MATERIALS.
Claims use since Sept. 2, 1944.

Ser. No. 517,415. HUDDERSFIELD TEXTILES LIMITED, London, England. Filed Feb. 13, 1947.



The words "British" and "Fabrics" are disclaimed.
FOR PIECE GOODS MADE WHOLLY OR PRINCIPALLY OF WOOL (THE LATTER CONTAINING FIVE PER CENT OR LESS OF MERCERIZED COTTON OR SILK FOR DECORATION PURPOSES) BUT NOT INCLUDING BLANKETS.
Claims use since June 15, 1946.

Ser. No. 523,441. M. J. WHITTALL ASSOCIATES, INC., Worcester, Mass. Filed June 2, 1947. Under 10-year proviso.

WHITTALL

JEFFERSON

The word "Whittall" has been used as a trade-mark by the applicant for ten years next preceding Feb. 20, 1905. Applicant owns Reg. No. 146,626, renewed. The word "Jefferson" is disclaimed.
FOR CARPETS AND RUGS.
Claims use since Jan. 24, 1934; and since Jan. 2, 1886, as to the word "Whittall."

Ser. No. 523,454. BEACON MANUFACTURING COMPANY, Swannanoa, N. C. Filed June 3, 1947.

MAYGLO

FOR BLANKETS MADE OF WOOL, RAYON, AND COTTON.
Claims use since December 1943.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 520,129. TELEX, INC., St. Paul, Minn. Filed Apr. 3, 1947.

TELEX

FOR PERSONAL HEARING DEVICES FOR THE AID OF DEAF OR PARTIALLY DEAF PERSONS, AND COMPONENT PARTS THEREOF.
Claims use since January 1937.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 467,972. FREDERICK T. HOECK, doing business as Hex Chili Manufacturing Co., Kansas City, Mo. Filed Mar. 4, 1944.

HEX

The pictorial illustration is of a fictitious person.
FOR CHILI COMPRISING GROUND COOKED BEEF, BEEF SUET, SALT, GARLIC, SPICES AND BEANS.
Claims use since July 1942.

Ser. No. 486,745. MAY NEWLAND BENNETT, doing business as Bennett Milling Co., Geneva, Ill. Filed Aug. 6, 1945.

YEAR ROUND

FOR SELF RISING PANCAKE FLOUR.
Claims use since Nov. 18, 1904.

Ser. No. 488,924. THE CHARLES A. PETERSON COMPANY, Cleveland, Ohio. Filed Sept. 24, 1945.

FULL CAPCO NUTS FLAVORED

The words "Nuts" and "Full Flavored" are disclaimed apart from the mark.
FOR SHELLED EDIBLE NUTS; RAW OR SALTED.
Claims use since Apr. 29, 1937.

Ser. No. 488,928. THE CHARLES A. PETERSON COMPANY, Cleveland, Ohio. Filed Sept. 24, 1945.

THE CAPCO PARADE OF NUTS

Representation of the nutmeats per se is disclaimed, and the words "Nuts," "Cashews," "Almonds," "Pecans," "Filberts," "Brazils" and "Walnuts" are disclaimed apart from the mark shown in the drawing.
FOR SHELLED EDIBLE NUTS.
Claims use since July 18, 1945.

Ser. No. 510,697. THE JOHN MUELLER LICORICE COMPANY, Cincinnati, Ohio. Filed Oct. 11, 1946.

MIDNITES

Applicant is the owner of Reg. No. 326,750.
FOR CANDY, MERCHANDISED AND COMMERCIALLY DESIGNATED A LICORICE CONFECTION.
Claims use since June 18, 1924.

Ser. No. 511,476. JUILLARD-HARDY FROZEN FOOD CORPORATION, doing business as Juillard Frozen Food Company and as Juillard Fancy Food Co., Pajaro, Calif. Filed Oct. 25, 1946.

Jean Juillard

The mark is in the handwriting of the president of the applicant corporation.
FOR FRESH FROZEN FRUITS, VEGETABLES, CHICKEN SAUTE WITH WHITE WINE AND MUSHROOMS, SALMON STEAK CASSEROLE, LOBSTER CHOWDER, FRENCH DRESSING, FRENCH MUSTARD, WINE VINEGAR, FOIE GRAS D'OIE AND SARDINES, AND HONEY IN GLASS.
Claims use since Jan. 1, 1946.

Ser. No. 516,352. ESTEE CANDY COMPANY, New York, N. Y. Filed Jan. 25, 1947.

Estee

FOR CHOCOLATES.
Claims use since May 31, 1941.

Ser. No. 519,509. THE BORDEN COMPANY, New York, N. Y. Filed Mar. 25, 1947.

Esbilac

FOR DOG FOOD.
Claims use since Mar. 11, 1947.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 511,845. UNITED DEVICE CORPORATION, New York, N. Y. Filed Oct. 31, 1946.

PLANTSTAIRS

FOR PLANT TRELLISES.
Claims use since Oct. 8, 1946.

ACT OF 1946

The following trade-marks are published in compliance with section 12(a) of the Trade-Mark Act of 1946. Notice of opposition under section 13 may be filed within thirty days of this publication. See Rules 20.1 to 20.5.
As provided by section 31 of said act, a fee of twenty-five dollars must accompany each notice of opposition.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 518,846. MONSANTO CHEMICAL COMPANY, St. Louis, Mo. Filed Aug. 11, 1947.

ULTRON

FOR SYNTHETIC RESINS FOR USE IN SOLID OR SOLUTION FORM IN MOLDING, CASTING AND EXTRUDING A WIDE VARIETY OF ARTICLES OF MANUFACTURE RANGING FROM FLEXIBLE TO RIGID AND INCLUDING INDUSTRIAL AND HOUSEHOLD GOODS SUCH AS IMPLEMENT PARTS, STRUCTURAL PARTS, CONTAINERS, COSTUME JEWELRY, UNTENSILS, TOOLS, TABLEWARE, KITCHEN ACCESSORIES, BATHROOM ACCESSORIES, TOILET GOODS, TOYS, BELTS, WRISTWATCH BANDS, NOTIONS, ACCESSORIES FOR WEARING APPAREL, STRUCTURAL, DECORATIVE AND UTILITY ARCHITECTURAL PARTS AND PANELS, SHOE TRIMMINGS, SMOKING ACCESSORIES, CLOTHING ACCESSORIES, FISHING LINES, LUGGAGE, WALLETS, BRUSHES, FURNITURE, UMBRELLA ACCESSORIES, DENTAL PLATES, ELECTRICAL INSULATORS, AND MATRICES FOR ABRASIVE PARTICLES.
Claims use since Feb. 25, 1947.

Ser. No. 534,473. ROHM & HAAS COMPANY, Philadelphia, Pa. Filed Sept. 13, 1947.

OROGLAS

FOR SYNTHETIC RESINOUS MATERIALS IN THE FORM OF SHEETS, RODS, OR MOLDING COMPOUNDS.
Claims use since Aug. 6, 1947.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 531,417. ABEL & BACH, INC., Milwaukee, Wis. Filed Aug. 15, 1947.

"TRIP-TAKER"

Applicant disclaims the word "Trip" apart from the mark.
FOR SUITCASES.
Claims use since May 13, 1947.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 468,853. J. W. SPEAKER CORPORATION, Milwaukee, Wis. Filed Sept. 11, 1947. Under section 2f of the act of 1946.

"HEATAB"

FOR SOLIDIFIED FUEL PELLETS MADE ESSENTIALLY OF HEXAMETHYLENETETRAMINE.
Claims use since August 1937.

Ser. No. 504,656. ARNOLD HOFFMAN & CO., INCORPORATED, Providence, R. I. Filed Oct. 1, 1947.

SYNTHRACENE

FOR COLORING PRODUCTS FOR TEXTILES AND WAXES.
Claims use since Jan. 1, 1926.

Ser. No. 509,848. HOLLAND-RANTOS COMPANY, INC., New York, N. Y. Filed Sept. 11, 1947.

RANTOS

FOR DUSTING POWDER USED FOR THE PROTECTION AND PRESERVATION OF RUBBER GOODS.
Claims use since Jan. 5, 1927.

Ser. No. 515,036. THE NATIONAL DRUG COMPANY, Philadelphia, Pa. Filed Aug. 19, 1947.

A.V.C.

FOR VAGINAL CREAM CONTAINING ALLANTOIN AND SULFANILAMIDE.
Claims use since Dec. 2, 1946.

Ser. No. 515,037. THE NATIONAL DRUG COMPANY, Philadelphia, Pa. Filed Aug. 19, 1947.

PARAPROL

FOR SKIN PROTECTIVE AND CLEANSER AND AS AN AID IN THE PREVENTION OF INDUSTRIAL DERMATITIS.
Claims use since Jan. 10, 1946.

Ser. No. 526,730. L & K LABORATORIES & CO. INC., St Paul, Minn. Filed July 5, 1947.

Gold Award

FOR AFTER SHAVE LOTION, COLOGNE, HAIR DRESS (LIQUID), TALC (POWDERED), SHAMPOO (LIQUID).
Claims use since Oct. 1, 1946.

Ser. No. 526,799. CHURCH & DWIGHT CO., INC., New York, N. Y. Filed July 5, 1947.

SWAN BRAND

No claim is made to the word "Brand" apart from the mark. Applicant claims ownership of registrations Nos. 76,711, 385,190, and 385,484.
FOR BICARBONATE OF SODA.
Claims use since 1901.

Ser. No. 527,108. GLYCO PRODUCTS CO., INC., Brooklyn, N. Y. Filed July 5, 1947.

PEG

FOR EMULSIFIER TO PROMOTE THE HOMOGENEOUS DISPERSION OF FATS AND/OR OILS IN WATER AND/OR AQUEOUS MEDIA.
Claims use since June 5, 1947.

Ser. No. 527,762. ARMOUR AND COMPANY, Chicago, Ill. Filed July 5, 1947.

FLUOROSSTEOL

FOR NATURAL BONE MINERAL PRODUCT USED FOR MEDICINAL PURPOSES.
Claims use since Nov. 4, 1946.

Ser. No. 534,309. DAVID ANTHONY MOLINARI, San Francisco, Calif. Filed Sept. 12, 1947.

CHASE ME

FOR PERFUME, TOILET WATER, COLOGNE, COLD CREAM, AND LIPSTICK.
Claims use since May 1941.

Ser. No 535,192. STANDARD LABORATORIES INC., New York, N. Y. Filed Sept. 20, 1947.

RAYVE

Applicant claims ownership of registration No. 425,498.
FOR HAIRWAVING LOTION.
Claims use since Aug. 1, 1947.

Ser. No. 535,587. THE MUSTEROLE COMPANY, Cleveland, Ohio. Filed Sept. 24, 1947.

MUSTEROLE

FOR AN OINTMENT FOR THE TREATMENT OF COUGHS, COLDS, PNEUMONIA, BRONCHITIS, RHEUMATISM, SORE JOINTS AND MUSCLES.
Claims use since Sept. 1, 1906.

Ser. No. 538,816. ROHM & HAAS COMPANY, Philadelphia, Pa. Filed Oct. 23, 1947.

RHOTEX

Applicant claims ownership of registration No. 361,329.
FOR WATER SOLUBLE RESINOUS MATERIALS USEFUL FOR SIZING OR FINISHING TEXTILES AND PAPER AND AS THICKENING AGENTS FOR AQUEOUS DISPERSIONS.
Claims use since May 1, 1947.

Ser. No. 538,851. THE BAKER CASTOR OIL COMPANY, Bayonne, N. J., and elsewhere in the United States. Filed Oct. 24, 1947.

B V S

FOR STABILIZERS FOR VINYL CHLORIDE POLYMERS AND COPOLYMERS, AND FOR OTHER ORGANIC HALIDES.
Claims use since Sept. 9, 1946.

Ser. No. 539,576. VICTOR BEKMAND STRAND, Copenhagen, Denmark. Filed Oct. 30, 1947.

ATAMON

FOR LIQUID AND POWDERED PECTINS AND MUCILAGES AS MEANS FOR SETTING, MEANS FOR PRESERVING FOODS.
Claims use since Apr. 13, 1935.

Ser. No. 540,110. SCHERING CORPORATION, Bloomfield, N. J. Filed Nov. 4, 1947.

TRILAFON

FOR ANALGESIC.
Claims use since Aug. 7, 1947.

Ser. No. 540,128. WOOLFOLK CHEMICAL WORKS, LTD., Fort Valley, Ga. Filed Nov. 4, 1947.

MEXIDE

FOR INSECTICIDES AND FUNGICIDES.
Claims use since February 1937.

Ser. No. 541,208. SMITH, KLINE & FRENCH LABORATORIES, Philadelphia, Pa. Filed Nov. 14, 1947.

RUCE

FOR MEDICINE FOR THE TREATMENT OF CAPILLARY FRAGILITY.
Claims use since Oct. 24, 1947.

Ser. No. 541,476. SUPERIOR PRODUCTS COMPANY, Dallas, Tex. Filed Nov. 17, 1947.

S-P

Applicant claims ownership of registration No. 301,911.
FOR MINERAL OIL FOR MEDICINAL USES, ANTISEPTIC SOLUTIONS, RUBBING ALCOHOL, ASPIRIN, GLYCERINE, BAY RUM, WITCH HAZEL, OLIVE OIL FOR MEDICINAL USE, HYDROGEN PEROXIDE, PETROLEUM JELLY, AND HAIR AND SCALP LOTIONS.
Claims use since Nov. 1, 1946.

CLASS 8

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS

Ser. No. 529,477. ARNOLD LEVY, doing business as Parkitsafe Company, Miami Beach, Fla., assignor to Parkitsafe Company, a firm composed of Arnold Levy and Louise B. Levy, Miami Beach, Fla. Filed July 25, 1947.

PARKITSAFE

Applicant disclaims the representations of an ash tray and a cigarette apart from their use in the mark.
FOR ASH TRAYS EMPLOYING A NON-PRECIOUS METAL CONSTRUCTION.
Claims use since May 19, 1947.

CLASS 11

INKS AND INKING MATERIALS

Ser. No. 514,163. AMERICAN CARBON PAPER MFG. COMPANY, Ennis, Tex. Filed July 31, 1947.

PLASTI-CARBON

No claim is made to the word "Carbon" apart from the mark.
FOR CARBON PAPER.
Claims use since May 30, 1946.

Ser. No. 535,738. OLD TOWN RIBBON & CARBON CO., INC., Brooklyn, N. Y. Filed Sept. 25, 1947. Under section 2f of the act of 1946.

Hi-test

Applicant claims ownership of registration No. 362,652.
FOR CARBON PAPER.
Claims use since Oct. 15, 1937.

Ser. No. 535,739. OLD TOWN RIBBON & CARBON CO., INC., Brooklyn, N. Y. Filed Sept. 25, 1947. Under section 2f of the act of 1946.

NOTACK

Applicant claims ownership of registration No. 355,809.
FOR CARBON PAPER.
Claims use since Dec. 10, 1936.

Ser. No. 539,023. CODO MANUFACTURING CORPORATION, Chicago, Ill., and Coraopolis, Pa. Filed Oct. 25, 1947. Under section 2f of the act of 1946.

KANT-STIK

Applicant claims ownership of registration No. 370,012.
FOR CARBON PAPER.
Claims use since June 16, 1938.

Ser. No. 540,173. COLUMBIA RIBBON & CARBON MANUFACTURING COMPANY, INC., Glen Cove, N. Y. Filed Nov. 5, 1947.

Commander

Applicant claims ownership of registration No. 276,603.
FOR CARBON PAPER.
Claims use since April 1923.

Ser. No. 541,645. COLUMBIA RIBBON & CARBON MANUFACTURING COMPANY, INC., Glen Cove, N. Y. Filed Nov. 19, 1947.

Colitho

Applicant claims ownership of registration No. 430,108.
FOR INK REPELLANT FLUIDS FOR LITHOGRAPHIC REPRODUCTION, LITHOGRAPHIC INKS, LITHOGRAPHIC TYPEWRITING RIBBONS, AND LITHOGRAPHIC CARBON PAPER.
Claims use since June 15, 1945.

CLASS 12

CONSTRUCTION MATERIALS

Ser. No. 521,180. FALCON PRODUCTS COMPANY, Jersey City, N. J. Filed Oct. 7, 1947.

FALCON

FOR PLASTIC TILES FOR CONSTRUCTION PURPOSES, AND PLASTIC TILE CORNICES, PLASTIC TILE WALL BASES, PLASTIC TILE ENGAGING STRIPS.
Claims use since Mar. 29, 1947.

Ser. No. 528,979. ACME BRICK COMPANY, Fort Worth, Tex. Filed July 21, 1947. Under section 2f of the act of 1946.

CASTILIAN

Applicant claims ownership of registration No. 239,966.
FOR BRICK.
Claims use since Feb. 1, 1927.

Ser. No. 530,126. SPA PRODUCTS, INC., Hot Springs, Ark. Filed July 31, 1947.

SPACO
MAGIC-MIX

Applicant disclaims the word "Mix" apart from the mark.
FOR MIXTURE OF POWDERED ASPHALT IN DRY FORM ADAPTED TO BE MIXED WITH A LIQUID CARRIER OR SOLVENT.
Claims use since June 30, 1947.

Ser. No. 530,127. SPA PRODUCTS, INC., Hot Springs, Ark. Filed July 31, 1947.

SPACO

FOR MIXTURE OF POWDERED ASPHALT IN DRY FORM ADAPTED TO BE MIXED WITH A LIQUID CARRIER OR SOLVENT.
Claims use since June 30, 1947.

Ser. No. 531,195. CHASE BRASS & COPPER CO. INCORPORATED, Waterbury, Conn. Filed Aug. 13, 1947.

TERALITE

FOR METAL DIVIDING STRIPS FOR CEMENT AND OTHER COMPOSITION FLOORS.
Claims use since July 8, 1947.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 531,038. W. J. HOLLIDAY & CO., Indianapolis, Ind. Filed Aug. 11, 1947. Under section 2f of the act of 1946.

SANDOW

Applicant claims ownership of registration No. 294,447.
FOR ALLOY STEEL.
Claims use since June 1, 1930.

CLASS 15

OILS AND GREASES

Ser. No. 527,421. JENKIN-GUERIN INC., St. Louis, Mo. Filed July 5, 1947.

Casminoyl

Applicant claims ownership of registration No. 230,714.
FOR LUBRICATING OILS AND GREASES.
Claims use since Mar. 7, 1927.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Ser. No. 528,853. ANDERSEN SPECIALTY MFG. CORP., Chicago, Ill. Filed July 18, 1947. Under section 2f of the act of 1946.



BRUSH TREET

No claim is made to the word "Brush."
FOR LIQUID PREPARATION FOR CLEANING PAINT BRUSHES.
Claims use since March 1939.

Ser. No. 529,678. NATIONAL GYPSUM COMPANY, Buffalo, N. Y. Filed July 26, 1947.

CRAF COLOR

The word "Color" is disclaimed apart from the mark as shown.
FOR PAINT IN PASTE OR LIQUID FORM.
Claims use since September 1931.

Ser. No. 531,831. PATEK BROTHERS, INC., Milwaukee, Wis. Filed Aug. 19, 1947.

SPEEDVAR

Applicant claims ownership of registration No. 244,889.
FOR VARNISH.
Claims use since Jan. 9, 1928.

Ser. No. 531,856. JAMES B. SIPE AND COMPANY, Pittsburgh, Pa. Filed Aug. 19, 1947.

A.A.M.P.

FOR MIXED PAINT AND PAINT THINNERS.
Claims use since Oct. 9, 1936.

Ser. No. 532,549. BISBEE LINSEED COMPANY, Philadelphia, Pa. Filed Aug. 27, 1947.



FOR PAINT OIL.
Claims use since Jan. 29, 1947.

Ser. No. 532,693. DAJAN CHEMICAL COMPANY, Boston, Mass. Filed Aug. 28, 1947.

CITROLA

FOR OIL POLISHES FOR FURNITURE, FINISHED AND LACQUERED METALS, AUTOMOBILES, AND HARD WOOD FLOORS.
Claims use since Dec. 7, 1926.

Ser. No. 532,871. PATEK BROTHERS, INC., Milwaukee, Wis. Filed Aug. 29, 1947.

SEATVAR

Applicant claims ownership of registration No. 244,889.
FOR VARNISH.
Claims use since July 1927.

Ser. No. 535,548. J. F. KURFEES PAINT COMPANY, Louisville, Ky. Filed Sept. 24, 1947.

Crescent

FOR PREPARED OR READY-MIXED LIQUID PAINT.
Claims use since Jan. 1, 1909.

Ser. No. 535,550. J. F. KURFEES PAINT COMPANY, Louisville, Ky. Filed Sept. 24, 1947.

KUR-NAMEL-ITE

Applicant claims ownership of registration No. 204,124.
FOR PREPARED OR READY-MIXED LIQUID PAINTS.
Claims use since Jan. 1, 1908.

CLASS 17

TOBACCO PRODUCTS

Ser. No. 530,664. MEDALIST CO., INC., Passaic, N. J. Filed Aug. 6, 1947.



Applicant claims ownership of registrations Nos. 317,493 and 403,043.
FOR CIGARS.
Claims use since September 1919.

Ser. No. 536,915. P. LORILLARD COMPANY, New York, N. Y. Filed Oct. 6, 1947.

JUST SUITS

FOR SMOKING AND CHEWING TOBACCO.
Claims use since 1899.

CLASS 19

VEHICLES

Ser. No. 535,402. DOUGLAS AIRCRAFT COMPANY, INC., Santa Monica, Calif. Filed Sept. 23, 1947.

CLOUDSTER

FOR AIRPLANES AND STRUCTURAL PARTS THEREOF.
Claims use since Aug. 23, 1947.

Ser. No. 537,566. CORGI MOTORCYCLE COMPANY, LTD., OF AMERICA, New York, N. Y. Filed Oct. 11, 1947.

CORGI

FOR FOLDING MIDGET MOTORCYCLES.
Claims use since Dec. 11, 1946.

Ser. No. 538,528. GEMMER MANUFACTURING COMPANY, Detroit, Mich. Filed Oct. 21, 1947. Under section 2f of the act of 1946.

GEMMER

Applicant claims ownership of registration No. 135,179.
FOR STEERING GEARS FOR MOTOR VEHICLES.
Claims use since June 1, 1907.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 530,552. NATIONAL STAMPING & ELECTRIC WORKS, Chicago, Ill. Filed Aug. 5, 1947.

AIRDOME

FOR ELECTRIC BROILERS AND COOKERS.
Claims use since Mar. 20, 1947.

Ser. No. 530,914. BARBER-COLMAN COMPANY, Rockford, Ill. Filed Aug. 9, 1947.

MICROPOSITIONER

FOR ELECTROMAGNETIC RELAYS.
Claims use since December 1941.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 482,458. BLACKHAWK MFG. CO., Milwaukee, Wis. Filed July 14, 1947.

"WEDGIE"

FOR BENDING AND STRAIGHTENING TOOLS FOR PLATES, BEAMS, BARS, AND TUBES.
Claims use since January 1941.

Ser. No. 527,472. WOOLERY MACHINE COMPANY, Minneapolis, Minn. Filed July 5, 1947.

"OCTOPUS"

FOR WEED BURNERS.
Claims use since October 1929.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Ser. No. 526,533. CARRINGTON CO., INC., Newark, N. J. Filed July 5, 1947.



No rights to registration are claimed on the number "14," apart from the mark as shown.

FOR BOTTLE OPENERS, CIGARETTE CASES, COLLAR BUTTONS, LINK BUTTONS, SLEEVE BUTTONS, COMBINATION CIGARETTE AND VANITY CASES, DRESS SETS, KEY COMBINATION AND BOTTLE OPENERS, KNIVES, KEY BOXES, POCKET COMBS, BILL HOLDERS, LOCKETS, MINIATURE FRAMES, MATCH BOXES, POCKET LOCKETS, PILL BOXES, STUDS, STAMP BOXES, TIE CLASPS, THERMOMETER CASES, VANITY CASES, AND POCKET PHOTO BOOKS, ALL MADE OF OR PLATED WITH PRECIOUS METAL.

Claims use since 1900.

Ser. No. 526,534. CARRINGTON CO., INC., Newark, N. J. Filed July 5, 1947.



No rights to registration are claimed on the number "18," apart from the mark as shown.

FOR BOTTLE OPENERS, CIGARETTE CASES, COLLAR BUTTONS, LINK BUTTONS, SLEEVE BUTTONS, COMBINATION CIGARETTE AND VANITY CASES, DRESS SETS, KEY COMBINATION AND BOTTLE OPENERS, KNIVES, KEY BOXES, POCKET COMBS, BILL HOLDERS, LOCKETS, MINIATURE FRAMES, MATCH BOXES, POCKET LOCKETS, PILL BOXES, STUDS, STAMP BOXES, TIE CLASPS, THERMOMETER CASES, VANITY CASES, AND POCKET PHOTO BOOKS, ALL MADE OF OR PLATED WITH PRECIOUS METAL.

Claims use since 1900.

Ser. No. 529,504. MAURICE TISHMAN, INC., New York, N. Y. Filed July 25, 1947.



Applicant claims ownership of registration No. 248,844.

FOR MOUNTINGS FOR JEWELRY FOR PERSONAL WEAR — NAMELY, FINGER RINGS, BRACELETS, BROOCHES, EARRINGS, AND NECKLACES.

Claims use since January 1923.

CLASS 30

CROCKERY, EARTHENWARE, AND PORCELAIN

Ser. No. 528,183. ARISTON, INCORPORATED, New York, N. Y. Filed July 9, 1947.

Classic

FOR POTTERY AND EARTHENWARE VASES, DISHES, FLOWER POTS, AND PITCHERS.

Claims use since June 12, 1947.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 526,673. THE VINCENT-MCCALL COMPANY, Kenosha, Wis. Filed July 5, 1947.

SMF

The drawing is lined for the colors red, black, and blue, but the applicant makes no claim to color.

FOR MATTRESSES AND BOXSPRINGS.

Claims use since June 9, 1947.

Ser. No. 526,755. MCCARTY'S, Oakland, Calif. Filed July 5, 1947.

SACRO-EASE

FOR LOOSE AUXILIARY AUTOMOBILE SEAT CUSHIONS.

Claims use since June 15, 1940.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 528,444. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio. Filed July 12, 1947.

BLACKWING

Applicant claims ownership of registration No. 102,402.

FOR RUBBER PACKING FOR MACHINERY AND HOSE OF ALL KINDS COMPOSED PRINCIPALLY OR WHOLLY OF RUBBER.

Claims use since June 1, 1913, on rubber packing; and since September 1946 on hose of all kinds.

Ser. No. 528,446. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio. Filed July 12, 1947.

THOR

Applicant claims ownership of registration No. 97,840.

FOR BELTS AND BELTING AND HOSE OF ALL KINDS COMPOSED PRINCIPALLY OR WHOLLY OF RUBBER.

Claims use since June 1, 1913, on belts and belting; and since May 28, 1947, on hose of all kinds composed principally or wholly of rubber.

CLASS 37

PAPER AND STATIONERY

Ser. No. 530,166. CHARLES BRUNING COMPANY, INC., New York, N. Y. Filed Aug. 1, 1947.

DIATONE

FOR PRINTING PAPER.

Claims use since Apr. 29, 1947.

Ser. No. 530,356. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio. Filed Aug. 2, 1947.

SQUARE DEAL

Applicant claims ownership of registration No. 71,138.

FOR PAPER TABLETS, LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED, ENVELOPES, LOOSE LEAF BINDERS, INDEX CARDS OR GUIDES, AND SCRAP BOOKS, PHOTOGRAPH OR AUTOGRAPH ALBUMS AND REFILLS THEREFOR.

Claims use since Feb. 21, 1906.

Ser. No. 531,761. BADGER PAPER MILLS, INC., Peshtigo, Wis. Filed Aug. 19, 1947.

TA-NON-KA

FOR BOND PAPER, DUPLICATING PAPER, LEDGER AND SECOND SHEETS.

Claims use since Oct. 1, 1931.

Ser. No. 541,775. THE STECK COMPANY, Austin, Tex. Filed July 26, 1947.

BUDGETEX

Applicant claims ownership of registration No. 342,169.

FOR RULED AND PRINTED FORMS FOR ACCOUNTING.

Claims use since August 1932.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 531,938. THE OPEN ROAD PUBLISHING COMPANY, Boston, Mass. Filed Aug. 20, 1947.

THE Open Road

Applicant claims ownership of registration No. 260,821.

FOR MONTHLY MAGAZINES.

Claims use since November 1919.

Ser. No. 536,416. THE MEYERCORD COMPANY, Chicago, Ill. Filed Oct. 1, 1947.

LICENSEAL

FOR DECALCOMANIAS.

Claims use since 1943.

Ser. No. 536,417. THE MEYERCORD COMPANY, Chicago, Ill. Filed Oct. 1, 1947.

ELASTI-CAL

FOR DECALCOMANIAS.

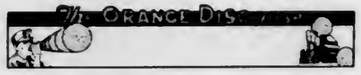
Claims use since 1938.

Ser. No. 536,601. THE GLEMBY COMPANY, INC., New York, N. Y. Filed Oct. 3, 1947.

What's in store

FOR MAGAZINES PUBLISHED MONTHLY, AND AT OTHER TIMES.
Claims use since January 1947.

Ser. No. 537,076. PAYNE COAL COMPANY, INC., Wilkes-Barre, Pa. Filed Oct. 7, 1947.



The figure is fanciful and the drawing is lined for the color orange. Applicant claims ownership of registration No. 294,396.
FOR PUBLICATION ISSUED FROM TIME TO TIME.
Claims use since Jan. 15, 1932.

Ser. No. 537,109. NELL F. WALLACE, Greenfield, Iowa. Filed Oct. 7, 1947.

WHO'S DOING WHAT IN CONGRESS

FOR NEWSPAPER COLUMN.
Claims use since Aug. 28, 1947.

Ser. No. 537,238. RANDOM HOUSE, INC., New York, N. Y. Filed Oct. 8, 1947. Under section 2f of the act of 1946.

CARLTON HOUSE

FOR BOOKS.
Claims use since November 1936.

Ser. No. 537,239. RANDOM HOUSE, INC., New York, N. Y. Filed Oct. 8, 1947. Under section 2f of the act of 1946.

RANDOM HOUSE

FOR BOOKS.
Claims use since May 8, 1928.

Ser. No. 537,486. DR. SWETT'S ROOT BEER COMPANY, INC., New York, N. Y. Filed Oct. 10, 1947.

BRIX & BOUQUETS

FOR MONTHLY PUBLICATION.
Claims use since Jan. 27, 1947.

Ser. No. 538,454. SAN FRANCISCO SHOPPING NEWS COMPANY, San Francisco, Calif. Filed Oct. 20, 1947.

HOME TRENDS

FOR NEWSPAPER COLUMN.
Claims use since Aug. 28, 1947.

Ser. No. 538,673. STREET & SMITH PUBLICATIONS, INC., New York, N. Y. Filed Oct. 22, 1947.

Penny and Pete

FOR COLUMN IN A PERIODICAL.
Claims use since June 15, 1947.

CLASS 39

CLOTHING

Ser. No. 529,275. S. H. KRESS AND COMPANY, New York, N. Y. Filed July 23, 1947.

FOOT PATH

FOR HOSIERY.
Claims use since February 1943.

Ser. No. 529,491. PHOENIX HOSIERY COMPANY, Milwaukee, Wis. Filed July 25, 1947. Under section 2f of the act of 1946.

EV-R-UP

Applicant claims ownership of registration No. 295,677.
FOR HOSIERY.
Claims use since Apr. 17, 1931.

Ser. No. 530,009. KNOTHE BROTHERS CO. INC., New York, N. Y. Filed July 30, 1947.



FOR MEN'S AND BOYS' BELTS, PAJAMAS, AND SHORTS.
Claims use since Dec. 17, 1937.

Ser. No. 534,227. ADLER MANUFACTURERS, INC., St. Louis, Mo. Filed Sept. 12, 1947. Under section 2f of the act of 1946.

Sue Terry

Applicant claims ownership of registration No. 394,647.
FOR LADIES', MISSES', AND JUNIOR MISSES' JACKETS, COATS, BLOUSES, DRESSES, AND SKIRTS.
Claims use since Feb. 15, 1940.

Ser. No. 534,599. BUSCARLET GLOVE COMPANY, INC., New York, N. Y. Filed Sept. 16, 1947.

SUEDALAV

Applicant claims ownership of registration No. 240,638.
FOR LEATHER GLOVES.
Claims use since Nov. 1, 1927.

Ser. No: 540,424. MCCRORY STORES CORPORATION, New York, N. Y. Filed Nov. 7, 1947.

"ALPINE"

Applicant claims ownership of registrations Nos. 196,431 and 403,269.
FOR BRASSIÈRES.
Claims use since Oct. 7, 1947.

Ser. No. 540,682. ISIDORE KOSLOVSKY, doing business as Juliette Foundations, New York, N. Y. Filed Nov. 10, 1947.

Blue Dahlia

FOR BRASSIÈRES.
Claims use since June 13, 1947.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 526,648. REPRESENTACOES BONAVAN LTD., Rio de Janeiro, Brazil. Filed July 5, 1947.



Applicant disclaims the words "Hand Made Feather Flowers by" and "of Brazil" apart from the mark.
FOR HAND MADE FEATHER FLOWERS.
Claims use since June 5, 1947.

Ser. No. 527,942. THE WILSON FASTENER COMPANY, Cleveland, Ohio, assignor to Talon, Inc., Meadville, Pa., a corporation of Pennsylvania. Filed July 5, 1947.

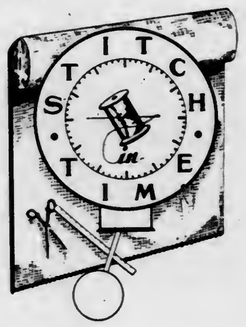
WILSNAP

Applicant claims ownership of registrations Nos. 114,606 renewed, 234,963, 236,582, 276,535, 350,714.
FOR SNAP FASTENERS, SNAP FASTENER TAPE, BOBBY AND HAIR PINS, LINGERIE CLASPS, AND SHOULDER STRAP HOLDERS AND LOOPS, MADE OF NON-PRECIOUS METALS.
Claims use since June 28, 1916.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 532,616. RUTH M. MACENERNEY, Hyannis, Mass. Filed Aug. 27, 1947.



No claim is made to the representation of the goods apart from the mark.
FOR COTTON, WOOL, AND RAYON PIECE GOODS OR COMBINATIONS THEREOF.
Claims use since Jan. 27, 1947.

Ser. No. 533,900. CYRIL JOHNSON WOOLEN COMPANY, Stafford Springs, Conn. Filed Sept. 9, 1947.

TIVOLI-VENETIAN

The word "Venetian" is disclaimed apart from the word combination "Tivoli-Venetian."
FOR WOOLEN PIECE GOODS.
Claims use since 1939.

CLASS 44

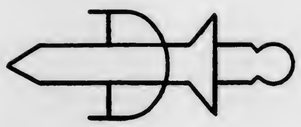
DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 535,056. MACGREGOR INSTRUMENT COMPANY, Needham, Mass. Filed Sept. 19, 1947. Under section 2f of the act of 1946.

Damascus

FOR HYPODERMIC NEEDLES FOR SURGICAL, MEDICAL AND DENTAL USES.
Claims use since 1912.

Ser. No. 535,057. MACGREGOR INSTRUMENT COMPANY, Needham, Mass. Filed Sept. 19, 1947.



FOR HYPODERMIC NEEDLES FOR SURGICAL, MEDICAL, AND DENTAL USES.
Claims use since Dec. 2, 1943.

Ser. No. 535,095. SURGICAL APPLIANCE INDUSTRIES, INC., Cincinnati, Ohio. Filed Sept. 19, 1947.

Albatross

FOR TRUSSES.
Claims use since Sept. 9, 1947.

Ser. No. 535,880. THE SCHOLL MFG. CO., INC., Chicago, Ill. Filed Sept. 26, 1947. Under section 2f of the act of 1946.

Pedic

FOR ARCH SUPPORTS.
Claims use since 1911.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 527,414. BLANKE-BAER EXTRACT & PRESERVING COMPANY, St. Louis, Mo. Filed July 5, 1947.

WISHMORE

Applicant claims ownership of registration Nos. 329,941 and 422,018.
FOR JELLIES, JAMS, FRUIT BUTTERS, FRUIT PRESERVES, PRESERVED FRUITS, OLIVES, SALAD DRESSING, SANDWICH SPREAD, RELISH SUREAD, MAYONNAISE, PEANUT BUTTER AND FLAVORING EXTRACTS FOR FOODS.
Claims use on jellies, jams, fruit butters, fruit preserves, and preserved fruits since Nov. 18, 1924; on olives, salad dressing, sandwich spread, relish spread, mayonnaise, and peanut butter since about April 1, 1933; and on flavoring extracts for foods since Sept. 30, 1943.

Ser. No. 527,696. AMERICAN COFFEE CORPORATION, Hamburg, N. J. Filed July 5, 1947.



No claim is made to the exclusive use of the word "Coffee" and the maps of North and South America. Applicant claims ownership of registration No. 321,210.
FOR COFFEE.
Claims use since Aug. 2, 1934.

Ser. No. 528,729. KELCO COMPANY, San Diego, Calif. Filed July 16, 1947.



No claim is made to the words "Refined Algin Products."
FOR A POWDERED ALGIN PRODUCT FOR USE AS A HYDROPHILIC COLLOID POSSESSING STABILIZING, THICKENING, SUSPENDING, EMULSIFYING, GEL-FORMING AND WATER HOLDING PROPERTIES IN ICE CREAM, ICED MILK, SHERBETS, WATER ICES, CHOCOLATE MILK, CONFECTIONERIES SUCH AS CANDY JELLIES, FRUIT JELLIES, CHEESE, SALAD DRESSING, PUDDINGS, DEHYDRATED FOODS, MEAT PRODUCTS, BAKERY PRODUCTS SUCH AS BREAD, MERINGUE, ICINGS, AND OTHER FOOD PRODUCTS.
Claims use since July 1930.

Ser. No. 530,136. WASHINGTON CO-OPERATIVE FARMERS ASSOCIATION, Seattle, Wash. Filed July 31, 1947.

BLUE EMBLEM

FOR PREPARED AND CANNED DOG AND CAT FOOD.
Claims use since Oct. 27, 1941.

Ser. No. 530,181. W. E. ESSLINGER, La Mesa, N. M. Filed Aug. 1, 1947.

Bill Ed's

FOR FRESH ONIONS.
Claims use since June 9, 1947.

Ser. No. 530,371. BUTERA BROS., Delano, Calif. Filed Aug. 4, 1947.

PHOTO-FINISH

FOR FRESH GRAPES.
Claims use since July 8, 1947.

Ser. No. 530,480. DUNDEE CITRUS GROWERS ASSOCIATION, Dundee, Fla. Filed Aug. 5, 1947.

FURLOUGH

FOR FRESH CITRUS FRUITS.
Claims use since Oct. 20, 1941.

TRADE-MARK REGISTRATIONS GRANTED

ACT OF 1905

APRIL 13, 1948

438,144. AUTOMOBILES AND STRUCTURAL PARTS THEREOF. WILLYS-OVERLAND MOTORS, INC., Toledo, Ohio.
Filed March 12, 1943. Serial No. 459,058. PUBLISHED JANUARY 6, 1948. Class 19.

438,145. SERVICING AND MAINTENANCE TOOLS AND EQUIPMENT, ETC. AIRPLANE MANUFACTURING & SUPPLY CORPORATION, North Hollywood, Calif., now by change of name Pacific Airmotive Corporation.
Filed February 7, 1944. Serial No. 467,221. PUBLISHED JANUARY 13, 1948. Class 23.

438,146. SERVICING AND MAINTENANCE TOOLS AND EQUIPMENT—NAMELY, OIL SPRAYERS, ENGINE STANDS, LAPPING TOOLS, SANDING ADAPTORS, PROPELLER JACKS, ASSEMBLY POSTS, ENGINE PARTS RACKS, GRINDING AND POLISHING FIXTURES, HEAD STOCKS AND THREAD PROTECTORS. AIRPLANE MANUFACTURING & SUPPLY CORPORATION, North Hollywood, Calif., now by change of name Pacific Airmotive Corporation.
Filed February 7, 1944. Serial No. 467,222. PUBLISHED JANUARY 13, 1948. Class 23.

438,147. METAL SEALS FOR MULTIPLE GLASS SHEET GLAZING UNITS FOR BUILDINGS, DISPLAY WINDOWS, DISPLAY CASES, AND THE LIKE. LIBBEY-OWENS-FORD GLASS COMPANY, Toledo, Ohio.
Filed April 3, 1944. Serial No. 468,961. PUBLISHED DECEMBER 16, 1947. Class 12.

438,148. VASOCONSTRICTOR. SMITH, KLINE & FRENCH LABORATORIES, Philadelphia, Pa.
Filed August 12, 1944. Serial No. 473,230. PUBLISHED MAY 8, 1945. Class 6.

438,149. INHALERS. SMITH, KLINE & FRENCH LABORATORIES, Philadelphia, Pa.
Filed August 12, 1944. Serial No. 473,231. PUBLISHED APRIL 24, 1945. Class 44.

438,150. WATERPROOFING COMPOUND FOR WOOD, BRICK, CONCRETE AND LIKE BUILDING MATERIALS; THE SAID COMPOUND IS APPLIED TO SURFACES BY A BRUSH, TROWEL, OR SPRAY, AND IS ALSO MIXED IN CONCRETE BUILDING MATERIALS. VITA-VAR CORPORATION, Newark, N. J.
Filed August 16, 1944. Serial No. 473,353. PUBLISHED JANUARY 13, 1948. Class 12.

438,151. LUBRICANT FEEDER VALVES FOR CENTRALIZED LUBRICATING SYSTEMS AND PARTS THEREOF. STEWART-WARNER CORPORATION, Chicago, Ill.
Filed January 17, 1945. Serial No. 478,725. PUBLISHED JANUARY 13, 1948. Class 23.

438,152. LARD, LUNCHEON MEAT, CHOPPED PRESSED BONELESS HAM, PASTEURIZED PROCESS CHEESE AND SWISS CHEESE. THE SUGARDALE PROVISION COMPANY, Canton, Ohio.
Filed March 9, 1945. Serial No. 480,722. PUBLISHED JANUARY 20, 1948. Class 46.

438,153. ORGANIC COMBINATION OF MINERALS FOR USE AS A GENERAL TONIC. CIBA PHARMACEUTICAL PRODUCTS, INC., Summit, N. J.
Filed May 3, 1945. Serial No. 482,920. PUBLISHED JANUARY 20, 1948. Class 6.

438,154. WALL PAPER. STAR-PEERLESS WALL PAPER MILLS, Chicago, Ill.
Filed May 7, 1945. Serial No. 483,093. PUBLISHED JANUARY 20, 1948. Class 37.

438,155. BICYCLES. ARNOLD, SCHWINN & CO., Chicago, Ill.
Filed May 16, 1945. Serial No. 483,418. PUBLISHED JANUARY 6, 1948. Class 19.

438,156. TOILET WATER, PERFUME, AND BRILLIANTINE. COTY, INC., New York, N. Y.
Filed June 8, 1945. Serial No. 484,292. PUBLISHED APRIL 15, 1947. Class 6.

438,157. CANNED FISH. KELLEY-CLARKE COMPANY, Seattle, Wash., assignor, by mesne assignments, to Kelley-Clarke Company, a partnership.
Filed July 26, 1945. Serial No. 486,307. PUBLISHED JANUARY 20, 1948. Class 46.

438,158. TAPS, DIES, SAWS, PUNCHES, MILLING CUTTERS, DRILLS, REAMERS, AND COUNTER SINKS. HY-PRO TOOL COMPANY, New Bedford, Mass.
Filed August 21, 1945. Serial No. 487,368. PUBLISHED JANUARY 13, 1948. Class 23.

438,159. LIPSTICKS, FACE POWDER, ROUGES, EYE SHADOW, AND MAKE-UP FOR THE FACE. ETHEL D. SCHNEIDER, New York, N. Y.
Filed August 24, 1945. Serial No. 487,527. PUBLISHED JANUARY 20, 1948. Class 6.

438,160. VANISHING CREAM AND COLD CREAM. WILLIAM E. HINDS, doing business as Hinds Laboratories, Hillsboro, Oreg.
Filed September 17, 1945. Serial No. 488,590. PUBLISHED JANUARY 20, 1948. Class 6.

438,161. ADAPTER BUSHINGS FOR SUPPORTING TOOLS IN TOOL HOLDERS. H. C. CLATFELTER AND COMPANY, Ferndale, Mich.
Filed September 28, 1945. Serial No. 489,160. PUBLISHED JANUARY 13, 1948. Class 23.

438,162. SIMULATED PEARLS. H. & S. ORIGINALS, New York, N. Y.
Filed October 9, 1945. Serial No. 489,666. PUBLISHED SEPTEMBER 17, 1946. Class 28.

438,163. SHEET METAL BUILDING PANELS, PERFORATED AND IMPERFORATE FOR USE IN CONNECTION WITH ACOUSTICAL CORRECTION, HEATING AND/OR VENTILATING INSTALLATIONS, AND FOR OTHER PURPOSES. THE CELOTEX CORPORATION, Chicago, Ill.
Filed October 18, 1945. Serial No. 490,100. PUBLISHED JANUARY 13, 1948. Class 12.

438,164. STORM SASH AND DOORS, COMBINATION STORM WINDOWS AND DOORS; WINDOW, DOOR, PORCH, AND TERRACE SCREENS, DETENTION AND PROTECTION SCREEN GUARDS MADE TO ORDER FOR SPECIFIED BUILDINGS; WEATHER STRIPS; BUILT-IN AUTOMATIC MECHANICAL DOOR SEALS WHICH SEAL THE SPACE BETWEEN THE BOTTOM OF THE DOOR AND THE SILL WHEN THE DOOR IS CLOSED; CAULKING COMPOUND; AND MINERAL WOOL INSULATION. CHAMBERLAIN COMPANY OF AMERICA, Detroit, Mich.
Filed October 31, 1945. Serial No. 490,789. PUBLISHED DECEMBER 23, 1947. Class 12.

438,165. STORM SASH AND DOORS; COMBINATION STORM WINDOWS AND DOORS; WINDOW, DOOR, PORCH AND TERRACE SCREENS, ETC. CHAMBERLAIN COMPANY OF AMERICA, Detroit, Mich.
Filed October 31, 1945. Serial No. 490,790. PUBLISHED DECEMBER 23, 1947. Class 12.

438,166. LIVE TURKEY POULTS SOLD AS SUCH FOR FLOCK PURPOSES. SKYLINE TURKEY HATCHERY, Worthington, Minn.
Filed December 1, 1945. Serial No. 492,525. PUBLISHED JANUARY 13, 1948. Class 46.

438,167. MEN'S TOILETRIES—NAMELY, AFTER SHAVING LOTION AND POWDER, HAIR TONIC, SHAMPOO, AND MEN'S COLOGNE. CHARLES DE FLANDRE, New York, N. Y.
Filed December 8, 1945. Serial No. 492,902. PUBLISHED JANUARY 20, 1948. Class 6.

438,168. FIXTURE FOR HAND OPERATED PORTABLE POWER DRIVEN SAWS WHICH ENABLES THE OPERATOR TO SWING THE SAW IN A PLANE GENERALLY PERPENDICULAR TO THE WORK AND TO MOVE THE SAW BACK AND FORTH ALONG A STRAIGHT LINE RELATIVE TO THE WORK. MARVIN W. COLEMAN, Detroit, Mich.
Filed December 10, 1945. Serial No. 492,988. PUBLISHED JANUARY 13, 1948. Class 23.

438,169. FIXTURE FOR HAND OPERATED PORTABLE POWER DRIVEN SAWS WHICH ENABLES THE OPERATOR TO SWING THE SAW IN A PLANE GENERALLY PERPENDICULAR TO THE WORK AND TO MOVE THE SAW BACK AND FORTH ALONG A STRAIGHT LINE RELATIVE TO THE WORK. MARVIN W. COLEMAN, Detroit, Mich.
Filed December 10, 1945. Serial No. 492,989. PUBLISHED JANUARY 13, 1948. Class 23.

438,170. PYROPHORIC LIGHTERS FOR CIGARETTES AND THE LIKE AND REPLACEMENT PARTS THEREOF. GENERAL RESEARCH COMPANY, Buffalo, N. Y.
Filed December 15, 1945. Serial No. 493,342. PUBLISHED DECEMBER 23, 1947. Class 34.

438,171. FIREPLACE STRUCTURES COMPRISING A FIREBOX, THROAT DAMPER, DOWNDRAFT SHELF, AND A COMBUSTION CHAMBER ASSEMBLED AS A SINGLE UNIT. BENNETT-IRELAND, Norwich, N. Y.
Filed December 22, 1945. Serial No. 493,734. PUBLISHED DECEMBER 30, 1947. Class 34.

438,172. HOLDER FOR ROAD CHARTS AND MAPS, ADAPTED FOR ATTACHMENT TO AN ACCESSIBLE PLACE IN AN AUTOMOBILE. JOHN S. GEE, Arlington, Tex.
Filed January 14, 1946. Serial No. 494,744. PUBLISHED DECEMBER 16, 1947. Class 19.

438,173. FLAME CULTIVATORS—NAMELY, MACHINES FOR THE CONTROL AND SUPPRESSION OF WEEDS IN THE PRESENCE OF CROPS THROUGH THE USE OF FLAME. FIJELEN RESEARCH AND DEVELOPMENT COMPANY, Washington, D. C., assignor to Flame Cultivation, Incorporated, New York, N. Y., a corporation of Maryland.
Filed January 25, 1946. Serial No. 495,370. PUBLISHED JANUARY 13, 1948. Class 23.

438,174. SOAPS NOT INCLUDING SHAVING SOAPS OR SHAVING CREAMS. PERSONALITY BEAUTY PRODUCTS LIMITED, Leicestershire, England.
Filed February 1, 1946. Serial No. 495,817. PUBLISHED DECEMBER 31, 1946. Class 4.

438,175. DRIED FRUITS. CURED FRUIT ASSOCIATION, San Francisco, Calif.
Filed March 13, 1946. Serial No. 498,117. PUBLISHED JANUARY 27, 1948. Class 46.

438,176. ANTI-FREEZE SOLUTION. THE PERFECT CIRCLE COMPANY, Hagerstown, Ind., now by change of name Perfect Circle Corporation.
Filed March 18, 1946. Serial No. 498,450. PUBLISHED JANUARY 20, 1948. Class 6.

438,177. OIL BURNERS AND PARTS THEREOF. HARVEY-WHIPPLE INCORPORATED, Springfield, Mass.
Filed March 20, 1946. Serial No. 498,629. PUBLISHED DECEMBER 23, 1947. Class 34.

438,178. TOILET AND BATH SOAP. JAQUET, INCORPORATED, New York, N. Y.
Filed March 26, 1946. Serial No. 498,995. PUBLISHED JANUARY 20, 1948. Class 4.

438,179. PHONOGRAPH RECORD BLANKS. THE WILCOX-GAY CORPORATION, Charlotte, Mich.
Filed March 29, 1946. Serial No. 499,298. PUBLISHED JANUARY 20, 1948. Class 36.

438,180. GAS TURBINES, AXIAL FLOW COMPRESSORS FOR FLUIDS, ACCESSORIES, AND PARTS THEREOF. NORTHROP HENDY CO., Hawthorne, Calif.
Filed March 30, 1946. Serial No. 499,344. PUBLISHED JANUARY 13, 1948. Class 23.

438,181. AIRPLANE PROPELLERS AND PROPELLER HUBS AND PARTS THEREOF. CONTINENTAL AVIATION AND ENGINEERING CORPORATION, Detroit and Muskegon, Mich.
Filed April 1, 1946. Serial No. 499,391. PUBLISHED JANUARY 20, 1948. Class 19.

438,182. PROPELLERS AND AIRPLANE PROPELLER HUBS AND PARTS THEREOF. CONTINENTAL AVIATION AND ENGINEERING CORPORATION, Detroit and Muskegon, Mich.
Filed April 1, 1946. Serial No. 499,393. PUBLISHED JANUARY 27, 1948. Class 19.

438,183. TALC. BERGER-PLATE COMPANY, Beverly Hills, Calif.
Filed April 6, 1946. Serial No. 499,756. PUBLISHED AUGUST 12, 1947. Class 1.

438,184. CARVING, TABLE, AND POCKET KNIVES, SHEARS, SCISSORS, ALL MADE OF BASE METAL, AND ELECTRIC AND NON-ELECTRIC BENCH GRINDERS. ACADEMY AWARD PRODUCTS, INC., New York, N. Y.
Filed April 17, 1946. Serial No. 500,350. PUBLISHED JANUARY 13, 1948. Class 23.

438,185. SHAVING BRUSHES. DUROBUILT BRUSH MFG. CO., New York, N. Y.
Filed April 18, 1946. Serial No. 500,465. PUBLISHED JANUARY 13, 1948. Class 29.

438,186. ABRASIVE ELEMENT CARRIED BY A SPINDLE FOR USE IN FINISHING INSIDE SURFACES SUCH AS CYLINDERS. HARCO PRODUCTS COMPANY, Chicago, Ill.
Filed April 18, 1946. Serial No. 500,472. PUBLISHED JANUARY 6, 1948. Class 4.

438,187. HOUSE OR COACH TRAILERS. EVERETT A. SCHUMACHER, doing business as Paragon-Bellwood Distributors, Baltimore, Md.
Filed April 18, 1946. Serial No. 500,493. PUBLISHED DECEMBER 16, 1947. Class 19.

438,188. CORK-SCREW. THE KORKMASTER COMPANY, Red Bank, N. J.
Filed April 23, 1946. Serial No. 500,758. PUBLISHED JANUARY 13, 1948. Class 23.

438,189. CANOES. LINK AVIATION DEVICES, INC., Fenton, N. Y., now by change of name Link Aviation, Inc.
Filed April 25, 1946. Serial No. 500,886. PUBLISHED DECEMBER 16, 1947. Class 19.

438,190. ABRASIVE POWDERS FOR LAPPING, FINISHING, AND POLISHING, ETC. THE LINDE AIR PRODUCTS COMPANY, New York, N. Y.
Filed May 9, 1946. Serial No. 501,747. PUBLISHED JANUARY 13, 1946. Class 4.

438,191. GAS STOVES AND RANGES. GEO. D. ROPER CORPORATION, Rockford, Ill.
Filed May 15, 1946. Serial No. 502,155. PUBLISHED DECEMBER 23, 1947. Class 34.

438,192. PINE ESSENCE FOR TOILET PURPOSES, AND MEDICATED PINE ESSENCE FOR USE IN THE RELIEF OF TIRED, ACHING AND RHEUMATIC CONDITIONS OF THE BODY. HAROLD GORDON WIBERG, London, England.
Filed May 15, 1946. Serial No. 502,174. PUBLISHED JANUARY 20, 1948. Class 6.

438,193. LAUNDRY SOAP, ABRASIVE GRAINS AND POWDERS, SHOE POLISH, AND SILVER POLISH. CONSOLIDATED COSMETICS, Chicago, Ill.
Filed June 13, 1946. Serial No. 503,800. PUBLISHED APRIL 22, 1947. Class 4.

438,194. MINERAL WOOL THERMAL INSULATION IN NODULATED FORM. JOHNS-MANVILLE CORPORATION, New York, N. Y.
Filed June 13, 1946. Serial No. 503,817. PUBLISHED DECEMBER 16, 1947. Class 12.

438,195. COMPOSITIONS IN PHYSICAL CHARACTER COMPARABLE TO MILLED AND COMPOUNDED RUBBER, ETC. DOW CORNING CORPORATION, Midland, Mich.
Filed June 15, 1946. Serial No. 503,981. PUBLISHED JANUARY 27, 1948. Class 1.

438,196. RESIN FOR USE ON STRINGED MUSICAL INSTRUMENTS. L. P. BALMFORTH & SON, doing business as The Violin Shop, Leeds, England.
Filed June 17, 1946. Serial No. 504,025. PUBLISHED JANUARY 13, 1948. Class 36.

438,197. LIQUID DETERGENT AND GENERAL CLEANSING COMPOSITIONS. TREESDALE LABORATORIES, INC., Pittsburgh, Pa.
Filed June 19, 1946. Serial No. 504,223. PUBLISHED JANUARY 13, 1946. Class 4.

438,198. AUTOMOTIVE VEHICLE TRAILERS. ELCAR COACH CORP., Chicago, Ill.
Filed June 28, 1946. Serial No. 504,756. PUBLISHED DECEMBER 23, 1947. Class 19.

438,199. WRITING AND PRINTING PAPER AND CORRESPONDENCE ENVELOPES. F. W. WOOLWORTH CO., New York, N. Y.
Filed June 28, 1946. Serial No. 504,815. PUBLISHED JANUARY 20, 1948. Class 37.

438,200. HAND TOOLS—NAMELY, CHISELS, PLUMBERS CAULKING TOOLS, HAMMERS, SCREW DRIVERS, AVIATION SNIPS, SHEARS, HEDGE SHEARS, RIVET BUSTERS, BULL POINTS, STAR DRILLS, WRECKING BARS, CROW BARS, PRY BARS, PUNCHES, SCRAPERS, AND TIRE IRONS. PENN TOOL CO., INC., Philadelphia, Pa.
Filed July 2, 1946. Serial No. 504,999. PUBLISHED JANUARY 13, 1948. Class 23.

438,201. SHAVING CREAM, SHAVING SOAP IN STICK FORM, AND SHAVING SOAP. AVON PRODUCTS, INC., New York, N. Y.
Filed July 24, 1946. Serial No. 506,153. PUBLISHED JANUARY 13, 1946. Class 4.

438,202. LYE FOR HOUSEHOLD USE, BAKING SODA, LAUNDRY GLOSS STARCH, CREAM OF TARTAR, LAUNDRY HYPOCHLORITE BLEACH AND FOOD COLORS. LEWIS-HUBBARD CORPORATION, Charleston, W. Va.
Filed August 6, 1946. Serial No. 506,948. PUBLISHED AUGUST 12, 1947. Class 6.

438,203. CHEMICALLY ALTERED LINSEED OIL AND RESINOUS DRYERS THEREFOR IN LIQUID FORM AND ADAPTED FOR GENERAL USE IN THE INDUSTRIAL ARTS. PRESERVATIVE PRODUCTS COMPANY, New York, N. Y.
Filed August 7, 1946. Serial No. 507,023. PUBLISHED JANUARY 13, 1948. Class 6.

438,204. HYDRATED FINISH LIME FOR USE IN PLASTERS. NATIONAL GYPSUM COMPANY, Buffalo, N. Y.
Filed August 8, 1946. Serial No. 507,066. PUBLISHED JANUARY 6, 1948. Class 12.

438,205. MECHANICALLY GROOVED PHONOGRAPH RECORDS OF THE DISC TYPE. RICHARD BRADLEY, doing business as Richard Bradley and Associates, Chicago, Ill.
Filed August 14, 1946. Serial No. 507,366. PUBLISHED JANUARY 13, 1948. Class 36.

438,206. AUTOMOBILE SEAT COVERS AND CUSHIONS. PROTECTION PRODUCTS CO., Chicago, Ill.
Filed August 14, 1946. Serial No. 507,418. PUBLISHED DECEMBER 16, 1947. Class 19.

438,207. PASSENGER TRAILERS FOR MINE WORKERS. DIFFERENTIAL STEEL CAR COMPANY, Findlay, Ohio.
Filed August 22, 1946. Serial No. 507,807. PUBLISHED DECEMBER 16, 1947. Class 19.

438,208. CHEMICAL COMPOSITION USED AS A DISPERSING AGENT, A WETTING AGENT, OR A SOLVENT FOR ORGANIC CHEMICALS. GENERAL ANILINE & FILM CORPORATION, New York, N. Y.
Filed August 24, 1946. Serial No. 507,980. PUBLISHED JANUARY 20, 1948. Class 6.

438,209. LIGHT-WEIGHT CONSTRUCTION PANEL, ETC. JAMES C. SCURLOCK, Los Angeles, Calif.
Filed August 26, 1946. Serial No. 508,071. PUBLISHED JANUARY 13, 1948. Class 12.

438,210. DRY, POWDER-FORM, WATER-MIX PATCHING MATERIALS FOR USE ON WOOD, CONCRETE, PLASTER, TILE FLOORS AND WALLS. AJAX FLOOR PRODUCTS CORPORATION, New York, N. Y.
Filed August 28, 1946. Serial No. 508,136. PUBLISHED JANUARY 6, 1948. Class 12.

438,211. COSMETICS—NAMELY, LUBRICATING CREAM, HAND CREAM, AND FACE CREAM. HARRY ADAMS, doing business as Harlo Distributor, Watertown, N. Y.
Filed August 31, 1946. Serial No. 508,361. PUBLISHED JANUARY 13, 1948. Class 6.

438,212. CANDY. LAFOND CHOCOLATIER, New York, N. Y.
Filed September 19, 1946. Serial No. 509,352. PUBLISHED JANUARY 20, 1948. Class 46.

438,213. PLEASURE AND FISHING BOATS. GENERAL HOUSING COMPANY, Dallas, Tex.
Filed September 23, 1946. Serial No. 509,574. PUBLISHED DECEMBER 16, 1947. Class 19.

438,214. PREPARATION USED AS A PRESERVATIVE AND FILLER FOR TRANSMISSION BELTS AND ROPES. CLING-SURFACE COMPANY, Buffalo, N. Y.
Filed September 27, 1946. Serial No. 509,825. PUBLISHED JANUARY 13, 1946. Class 4.

438,215. MOLDED PLASTIC WHEELS TO BE USED ON HAND TRUCKS FOR LIFTING AND ELEVATING BULK MATERIALS, DOLLIES PER SE, CRANES, JIGS AND FIXTURES, AND PORTABLE CONVEYOR SUPPORTS. THE RAPIDS-STANDARD COMPANY, INC., Grand Rapids, Mich.
Filed September 27, 1946. Serial No. 509,876. PUBLISHED JANUARY 13, 1948. Class 23.

438,216. LUMBER—NAMELY, DIMENSION LUMBER AND DIMENSION PLYWOOD. FREDERIC C. JAY, doing business as Hobbywoods, Baltimore, Md.
Filed September 30, 1946. Serial No. 509,987. PUBLISHED JANUARY 6, 1948. Class 12.

438,217. SILVER POLISH. THE INTERNATIONAL SILVER COMPANY, Meriden, Conn.
Filed October 2, 1946. Serial No. 510,084. PUBLISHED JANUARY 6, 1948. Class 4.

438,218. WAX EMULSION FOR COATING RUBBER PRODUCTS. R. T. VANDERBILT COMPANY, INC., New York, N. Y.
Filed October 3, 1946. Serial No. 510,218. PUBLISHED JANUARY 13, 1948. Class 6.

438,219. WAXES FOR USE IN THE MANUFACTURE OF POLISHES, LEATHER FINISHES, COSMETICS, CARBON PAPERS, PRINTING INKS AND PAPER COATINGS; AND EMULSIFIERS FOR USE IN THE BAKING TRADE AND IN THE MANUFACTURE OF COSMETICS AND TOILET PREPARATIONS, POLISHES, SOAPS AND DETERGENTS, PAINTS AND PAPER COATINGS. ABRIL CORPORATION (GT. BRITAIN) LIMITED, London, England.
Filed October 9, 1946. Serial No. 510,465. PUBLISHED JANUARY 13, 1948. Class 6.

438,220. HAIR OIL, PRESSING OIL, AND HAIR TONIC. LAURA B. PHILLIPS BROOKS, St. Louis, Mo.
Filed October 10, 1946. Serial No. 510,566. PUBLISHED JANUARY 20, 1948. Class 6.

438,221. EMULSIFYING AGENT AND WETTING AGENT, ETC. GLYCO PRODUCTS CO. INC., Brooklyn, N. Y.
Filed October 11, 1946. Serial No. 510,677. PUBLISHED JANUARY 20, 1948. Class 6.

438,222. ANT KILLER PREPARATION, INSECT KILLER PREPARATION, HAND CREAM, SHAMPOO, SKIN CLEANSING, CREAM, DEODORANT, ETC. PLEE-ZING INC., Chicago, Ill.
Filed October 11, 1946. Serial No. 510,721. PUBLISHED JANUARY 20, 1948. Class 6.

438,223. GRANULAR CLAY PREPARATION FOR ABSORBING GREASE AND OIL ON FLOORS. EDWARD C. OUELLETTE, Houston, Tex.
Filed October 19, 1946. Serial No. 511,182. PUBLISHED JANUARY 13, 1946. Class 4.

438,224. PENICILLIN VEHICLE CONTAINING SESAME OIL 8.8 CC. (APPROXIMATELY), BEESWAX, AN EMULSIFYING AGENT, AND CHLOROBUTANOL FOR INTRAMUSCULAR USE. LINCOLN LABORATORIES, INCORPORATED, Decatur, Ill.
Filed October 23, 1946. Serial No. 511,341. PUBLISHED JANUARY 20, 1948. Class 6.

438,225. LIPSTICK. HARRY JOSEPH D'AMICO, doing business as D'Amico Fifth Avenue, New York, N. Y.
Filed October 24, 1946. Serial No. 511,383. PUBLISHED JANUARY 27, 1948. Class 6.

438,226. FEED FOR LIVESTOCK AND POULTRY. PETRUS JACOBUS GEERLINGS, doing business as Geerlings Feed Mills, Waterloo, Iowa.
Filed October 31, 1946. Serial No. 511,807. PUBLISHED JANUARY 20, 1948. Class 46.

438,227. METAL SPINNING LATHES AND PARTS THEREOF. HAAG MACHINE COMPANY, Hawthorne, N. J.
Filed November 2, 1946. Serial No. 511,942. PUBLISHED JANUARY 13, 1948. Class 23.

438,228. AUTOMOBILE SUN SHIELDS. ALBERT A. REYNOLDS, Chicago, Ill.
Filed November 9, 1946. Serial No. 512,344. PUBLISHED DECEMBER 23, 1947. Class 19.

438,229. COMBINED ENVELOPE AND WRITING PAPER. ROBERT T. LACEY, Spokane, Wash.
Filed November 12, 1946. Serial No. 512,424. PUBLISHED JANUARY 20, 1948. Class 37.

438,230. ANALGESIC, ANTIPYRETIC, AND ANTIRHEUMATIC PREPARATION. WINTHROP CHEMICAL COMPANY, INC., New York, N. Y., assignor to Winthrop-Stearns Inc., New York, N. Y., a corporation of Delaware.
Filed November 12, 1946. Serial No. 512,470. PUBLISHED JANUARY 20, 1948. Class 6.

438,231. WOMEN'S WEARING APPAREL—NAMELY, BLOUSES, SKIRTS, AND DRESSES. LOWENTHAL-GARDINER, New York, N. Y.
Filed November 13, 1946. Serial No. 512,514. PUBLISHED DECEMBER 23, 1947. Class 39.

438,232. AUXILIARY SEATS, SIDE CARS, SKIRTS, TRAILERS, AND TRAILER HITCHES FOR BICYCLES. LILEY SPECIALTY COMPANY, Ferndale, Mich.
Filed November 14, 1946. Serial No. 512,594. PUBLISHED DECEMBER 23, 1947. Class 19.

438,233. BUSES. THE FLXIBLE COMPANY, Loudonville, Ohio.
Filed November 18, 1946. Serial No. 512,773. PUBLISHED DECEMBER 23, 1947. Class 19.

438,234. MEDICATED PLASTERS AND USED IN AND FOR THE TREATMENT OF MUSCULAR ACHES AND PAINS. ALLCOCK MANUFACTURING COMPANY, Ossining, N. Y.
Filed November 20, 1946. Serial No. 512,890. PUBLISHED JANUARY 20, 1948. Class 6.

438,235. CHEMICAL PREPARATIONS FOR THE TREATMENT OF WATER IN BOILERS, TO SETTLE THE IMPURITIES IN THE WATER FOR EASIER REMOVAL THEREFROM AND TO PREVENT THE FORMATION OF SCALE AND SLUDGE IN THE BOILER; CHEMICAL PREPARATIONS FOR THE REMOVAL OF SOOT AND CHEMICAL PREPARATIONS FOR INDICATING pH OF BOILER WATER. RIDGEFIELD CHEMICAL PRODUCTS CO. INC., Ridgefield, N. J.
Filed November 21, 1946. Serial No. 512,990. PUBLISHED JANUARY 20, 1948. Class 6.

438,236. SOAP POWDER, SOAP GRAINS, SOAP FLAKES, HAND SOAP, AND HOUSEHOLD CLEANSER. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y.
Filed November 22, 1946. Serial No. 513,050. PUBLISHED JANUARY 13, 1948. Class 4.

438,237. METALLIC SPONGE FOR CLEANING METAL SURFACES. ROSS COLES & CO., INCORPORATED, Chicago, Ill.
Filed November 23, 1946. Serial No. 513,100. PUBLISHED JANUARY 27, 1948. Class 4.

438,238. PLASTIC FACED AND PLASTIC EDGED DOORS FOR USE IN BUILDING CONSTRUCTION. THE NATIONAL PLASTIC PRODUCTS COMPANY, Odenton, Md.
Filed November 25, 1946. Serial No. 513,190. PUBLISHED DECEMBER 23, 1947. Class 12.

438,239. CANNED VEGETABLES AND FRUITS, AND FROZEN DECIDUOUS FRUITS. STAYTON CANNING CO. CO-OPERATIVE, Stayton, Oreg.
Filed November 27, 1946. Serial No. 513,345. PUBLISHED JANUARY 27, 1948. Class 46.

438,240. GREASE COMPOUND TO PROVIDE A WATERPROOF COVER FOR DRY FISHING FLIES. THE DECTO PRODUCTS COMPANY, Salem, Mass.
Filed December 4, 1946. Serial No. 513,656. PUBLISHED JANUARY 13, 1948. Class 6.

438,241. PREPARATION FOR TREATMENT OF AFFECTIONS OF THE NERVOUS SYSTEM, HAVING IN VARYING DEGREES ANESTHETIC, HYPNOTIC, SEDATIVE, SLEEP-PRODUCING, AND VASODILATION PROPERTIES. SHARP & DOHME, INCORPORATED, Philadelphia, Pa.
Filed December 11, 1946. Serial No. 514,067. PUBLISHED SEPTEMBER 2, 1947. Class 6.

438,242. COSMETIC CREAM. BETTY GALOWIN, doing business as Galowin Toilettries, New York, N. Y.
Filed December 14, 1946. Serial No. 514,266. PUBLISHED JANUARY 20, 1948. Class 6.

438,243. SHOE CLEANING UNIT CONSISTING OF A COMBINATION OF THREE BRUSHES AND A MUD SCRAPER, ALL MOUNTED ON A STEEL FRAME WHICH MAY BE ATTACHED TO A DOORSTEP, WALK, OR ELSEWHERE OUTSIDE OF THE HOUSE. C. J. LEISY & ASSOCIATES, North Hollywood, Calif.
Filed December 15, 1946. Serial No. 514,364. PUBLISHED JANUARY 20, 1948. Class 29.

438,244. LAWN SEED. THE J. CHAS. MCCULLOUGH SEED COMPANY, Cincinnati, Ohio.
Filed December 15, 1946. Serial No. 514,369. PUBLISHED JANUARY 20, 1948. Class 1.

438,245. FINGER RINGS AND COMPACTS OF PRECIOUS AND SEMI-PRECIOUS METAL. MEYER JEWELRY COMPANY, Kansas City, Mo.
Filed December 15, 1946. Serial No. 514,372. PUBLISHED SEPTEMBER 30, 1947. Class 28.

438,246. HAIR POMADES. YOUNG AND YOUNG COMPANY, Detroit, Mich.
Filed December 15, 1946. Serial No. 514,388. PUBLISHED JANUARY 20, 1948. Class 6.

438,247. METAL CUTTING TOOLS FOR BORING, TURNING, AND FACING OPERATIONS, BORING BARS, AND PARTS THEREOF. MICROBORE COMPANY, Ferndale, Mich.
Filed December 31, 1946. Serial No. 515,123. PUBLISHED JANUARY 13, 1948. Class 23.

438,248. WALLPAPERS. IMPERIAL PAPER AND COLOR CORPORATION, Glens Falls, N. Y.
Filed January 2, 1947. Serial No. 515,179. PUBLISHED JANUARY 20, 1948. Class 37.

438,249. LIQUID COMPOSITIONS FOR TREATING CEMENT SURFACES TO FILL THE INTERSTICES THEREOF AND RESIST THE DUSTING AWAY OR WEAR OF THE SAME. PRESERVATIVE PRODUCTS COMPANY, New York, N. Y.
Filed January 4, 1947. Serial No. 515,275. PUBLISHED JANUARY 13, 1948. Class 12.

438,250. MEDICINAL PREPARATION FOR THE TREATMENT OF HYPERTHYROIDISM. WINTHROP CHEMICAL COMPANY, INC., New York, N. Y., assignor to Winthrop-Stearns Inc., New York, N. Y., a corporation of Delaware.
Filed January 14, 1947. Serial No. 515,734. PUBLISHED SEPTEMBER 9, 1947. Class 6.

438,251. TOOTH POWDER IN TABLET FORM. L. PERRIGO COMPANY, doing business as Supreme Pharmacal Company, Allegan, Mich.
Filed January 17, 1947. Serial No. 515,903. PUBLISHED JANUARY 27, 1948. Class 6.

438,252. MECHANICALLY GROOVED PHONOGRAPH RECORDS OF THE DISC TYPE. HENRY HOLT AND COMPANY, INCORPORATED, New York, N. Y.
Filed January 21, 1947. Serial No. 516,076. PUBLISHED JANUARY 20, 1948. Class 36.

438,253. MEDICINAL PREPARATIONS—NAMELY, HYDROGEN PEROXIDE, SPIRIT OF CAMPHOR, AROMATIC SPIRITS OF AMMONIA, SWEET SPIRITS NITRE, CAMPHORATED OIL, PURE GLYCERINE, ISOPROPYL ALCOHOL COMPOUND, MILK OF MAGNESIA, QUININE SULFATE, CASTOR OIL, AND MINERAL OIL. CUMBERLAND MFG. COMPANY, Nashville, Tenn.
Filed January 22, 1947. Serial No. 516,116. PUBLISHED JANUARY 20, 1948. Class 6.

438,254. COMPOUND FOR SEALING OF EXPANSION OR CONTRACTION JOINTS IN CONCRETE ROAD, STREET, AND AIRPORT PAVEMENTS. THE FLINTKOTE COMPANY, New York, N. Y.
Filed January 22, 1947. Serial No. 516,121. PUBLISHED DECEMBER 16, 1947. Class 12.

438,255. PERFUMES. LYDIA EMANUEL, New York, N. Y.
Filed January 27, 1947. Serial No. 516,402. PUBLISHED JANUARY 20, 1948. Class 6.

438,256. COMPOSITION OF MATTER OF RAW OR PARTLY PREPARED MINERALS, FOR USE AS A FILLER AND INSULATOR FOR INCORPORATION IN PLASTIC, PAINTS, EMULSIONS, RUBBER, OILS, PLASTERS, BUILDING BLOCKS, TILE, ETC. PHILIP S. HOYT, INC., El Paso, Tex.
Filed January 27, 1947. Serial No. 516,416. PUBLISHED JANUARY 27, 1948. Class 1.

438,257. PLATE BENDING ROLLS, GEAR REDUCTION UNITS (GEAR TRAINS), SPEED REDUCERS (MECHANISM FOR REDUCING THE SPEED AT WHICH A DRIVEN SHAFT IS OPERATED FROM A DRIVING SHAFT), ETC. THE WEBB CORPORATION, Webb City, Mo.
Filed January 29, 1947. Serial No. 516,592. PUBLISHED JANUARY 13, 1948. Class 23.

438,258. MOTION PICTURE PHOTOPLAYS. LIBERTY FILMS, INC., Los Angeles, Calif.
Filed January 30, 1947. Serial No. 516,622. PUBLISHED JANUARY 20, 1948. Class 26.

438,259. THREAD AND GASKET SEALING COMPOUND. THE PARKER APPLIANCE COMPANY, Cleveland, Ohio.
Filed February 3, 1947. Serial No. 516,864. PUBLISHED NOVEMBER 25, 1947. Class 12.

438,260. TOOTH AND TOILET BRUSHES. JOHN FREEMAN & COMPANY LIMITED, Chesham, England.
Filed February 5, 1947. Serial No. 516,973. PUBLISHED JANUARY 27, 1948. Class 29.

438,261. WATCHES, WATCH CASES, AND WATCH MOVEMENTS. THE GRUEN WATCH COMPANY, Cincinnati, Ohio.
Filed February 5, 1947. Serial No. 516,976. PUBLISHED JANUARY 27, 1948. Class 27.

438,262. BROOMS. ARMSTRONG GROCERY COMPANY, Sharon, Pa.
Filed February 10, 1947. Serial No. 517,229. PUBLISHED JANUARY 20, 1948. Class 29.

438,263. SOAP. ARMSTRONG GROCERY COMPANY, Sharon, Pa.
Filed February 10, 1947. Serial No. 517,230. PUBLISHED JANUARY 20, 1948. Class 4.

438,264. PERFUMES, TOILET WATERS, ROUGE, LIPSTICK, FACE CREAMS, LOTIONS FOR THE SKIN, FACE, HANDS, AND HAIR, BATH OILS, EAUX DE COLOGNE, TALC, AND FACE POWDERS. PARFUMS CHINON, SOCIÉTÉ À RESPONSABILITÉ LIMITÉE, Montrouge, France.
Filed February 14, 1947. Serial No. 517,513. PUBLISHED JANUARY 13, 1948. Class 6.

438,265. BOTTLE BRUSHES. SANIT-ALL PRODUCTS CORPORATION, Greenwich, Ohio.
Filed February 20, 1947. Serial No. 517,870. PUBLISHED JANUARY 20, 1948. Class 29.

438,266. SPECTACLE FRAMES. STYLE-RITE OPTICAL CORPORATION, New York and Brooklyn, N. Y.
Filed February 21, 1947. Serial No. 517,944. PUBLISHED JANUARY 20, 1948. Class 26.

438,267. REFINED AND CRYSTALLIZED WAX HAVING PETROLEUM ORIGIN AND USED IN THE MANUFACTURE OF POLISHES, INKS, CARBON PAPER AND OTHER USES. THE WILLIAM J. HOUGH CO., doing business as Prairie Wax Co., Chicago, Ill.
Filed February 24, 1947. Serial No. 518,000. PUBLISHED JANUARY 27, 1948. Class 1.

438,268. GRADUATES AND MEASURING CUPS USED IN THE PREPARATION OF BABIES' FORMULAS. SANIT-ALL PRODUCTS CORPORATION, Greenwich, Ohio.
Filed February 24, 1947. Serial No. 518,046. PUBLISHED JANUARY 20, 1948. Class 26.

438,269. HOUSE TRAILERS. CHICAGO STREAMLITE CORPORATION, Chicago, Ill.
Filed February 27, 1947. Serial No. 518,200. PUBLISHED JANUARY 6, 1948. Class 19.

438,270. MOTION PICTURE FILMS—NAMELY, A SERIES OF COMEDIES. JOSEPH J. BALABER, New York, N. Y.
Filed February 28, 1947. Serial No. 518,270. PUBLISHED JANUARY 20, 1948. Class 26.

438,271. RAZORS, SCISSORS, SHEARS, AND KNIVES OF BASE METAL NOT INCLUDING SURGICAL SCISSORS OR OTHER SURGICAL INSTRUMENTS. PEARLDUCK, INC., New York, N. Y.
Filed March 1, 1947. Serial No. 518,364. PUBLISHED JANUARY 13, 1948. Class 23.

438,272. HAND CLEANER PREPARATION WHICH MAY ALSO BE USED AS A SHAMPOO. NORTH PRODUCTS CORP., Chicago, Ill.
Filed March 4, 1947. Serial No. 518,479. PUBLISHED JANUARY 13, 1948. Class 4.

438,273. MACHINE MOUNTED ON A FRAME FOR SAWING LOGS AND FOR USE WHERE ANCHORED, FOR DRAGGING INTO ITS PROXIMITY LOGS TO BE SAWED. CLYDE SCHURMAN, doing business as Schurman Machine Works, Woodland, Wash.
Filed March 4, 1947. Serial No. 518,485. PUBLISHED JANUARY 13, 1948. Class 23.

438,274. WATCHES. KELBERT WATCH COMPANY, INC., New York, N. Y.
Filed March 10, 1947. Serial No. 518,764. PUBLISHED JANUARY 27, 1948. Class 27.

438,275. SHEETS, FILMS, FOILS, RODS, TUBES, POWDERS, CHIPS, SLABS, BLANKS, AND THE LIKE, CAPABLE OF BEING MOLDED UNDER HEAT AND/OR PRESSURE OR OTHERWISE FABRICATED AND MADE IN WHOLE OR IN PART OF A CELLULOSIC PLASTIC. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed March 12, 1947. Serial No. 518,873. PUBLISHED JANUARY 20, 1948. Class 1.

438,276. HAIR TONIC AND A FACE CREAM. VICTOR BROG, doing business as Gintone Laboratories, Memphis, Tenn.
Filed March 19, 1947. Serial No. 519,255. PUBLISHED JANUARY 13, 1948. Class 6.

438,277. SUTURES AND LIGATURES. JOHNSON & JOHNSON, New Brunswick, N. J.
Filed March 20, 1947. Serial No. 519,333. PUBLISHED JANUARY 20, 1948. Class 44.

438,278. SUTURES AND LIGATURES. JOHNSON & JOHNSON, New Brunswick, N. J.
Filed March 20, 1947. Serial No. 519,334. PUBLISHED JANUARY 20, 1948. Class 44.

438,279. SUTURES AND LIGATURES. JOHNSON & JOHNSON, New Brunswick, N. J.
Filed March 20, 1947. Serial No. 519,335. PUBLISHED JANUARY 20, 1948. Class 44.

438,280. MEDICINAL PREPARATION USED FOR TREATMENT OF CARDIAC CONDITIONS. ENDO PRODUCTS INC., New York, N. Y.
Filed March 21, 1947. Serial No. 519,389. PUBLISHED SEPTEMBER 2, 1947. Class 6.

438,281. CHEMICAL CLEANING COMPOUNDS FOR CLEANING FLOORS. MIDO PRODUCTS, Torrance, Calif.
Filed March 24, 1947. Serial No. 519,481. PUBLISHED JANUARY 20, 1948. Class 4.

438,282. COMPOSITIONS CONTAINING PHOSPHORIC ACID FOR PHOSPHATIZING TREATMENT OF METALS. MIDO PRODUCTS, Torrance, Calif.
Filed March 24, 1947. Serial No. 519,482. PUBLISHED JANUARY 27, 1948. Class 6.

438,283. MATZOS. ARON STREIT, INC., New York, N. Y.
Filed March 24, 1947. Serial No. 519,495. PUBLISHED JANUARY 20, 1948. Class 46.

438,284. SERIES OF MOTION PICTURE FILMS. CARL DUDLEY, doing business as Carl Dudley Productions, Beverly Hills, Calif.
Filed April 2, 1947. Serial No. 520,018. PUBLISHED JANUARY 20, 1948. Class 26.

438,285. FIRE BRICK. A. P. GREEN FIRE BRICK COMPANY, Mexico, Mo.
Filed April 2, 1947. Serial No. 520,029. PUBLISHED JANUARY 13, 1948. Class 12.

438,286. CASTING GOLD FOR DENTISTS' USE. JULIUS ADERER, INC., New York, N. Y.
Filed April 2, 1947. Serial No. 520,039. PUBLISHED JANUARY 20, 1948. Class 44.

438,287. MANUALLY OPERATED SODA FOUNTAINS. SPACARB, INC., Dover, Del., and New York, N. Y.
Filed April 2, 1947. Serial No. 520,064. PUBLISHED JANUARY 13, 1948. Class 23.

438,288. SHOES, MADE OF LEATHER, FABRIC, RUBBER AND/OR A COMBINATION THEREOF. CANNON SHOE COMPANY, Baltimore, Md.
Filed April 4, 1947. Serial No. 520,143. PUBLISHED NOVEMBER 4, 1947. Class 39.

438,289. WINDOW CURTAINS AND FOR WINDOW CURTAIN FABRICS IN THE PIECE MADE OF COTTON, RAYON, OR NYLON, AND COMBINATIONS THEREOF. POWDRELL & ALEXANDER, INC., Danielson, Conn.
Filed April 4, 1947. Serial No. 520,178. PUBLISHED NOVEMBER 11, 1947. Class 42.

438,290. CHEMICAL LIQUID WELDER FOR RADIATORS, MOTORS, VALVE PORTS, WATER JACKETS, CYLINDERS, AND COOLING SYSTEMS. K. J. SIMMONS & COMPANY, Philadelphia, Pa.
Filed April 7, 1947. Serial No. 520,306. PUBLISHED JANUARY 27, 1948. Class 6.

438,291. PASTE-LIKE, READILY SETTING FLOOR COMPOSITION CONSISTING OF SYNTHETIC RUBBER, CEMENT, AND AGGREGATES, ADAPTED AS TOP FINISHING COAT OR TOP LAYER FOR INTERIOR FLOORS. NATIONAL TILE & MARBLE CORP., New York, N. Y.
Filed April 10, 1947. Serial No. 520,464. PUBLISHED DECEMBER 30, 1947. Class 12.

438,292. SUNTAN LOTIONS AND SUNTAN CREAMS. MAX M. MABEL, doing business as Lanobronz Laboratories, Miami Beach, Fla.
Filed April 14, 1947. Serial No. 520,635. PUBLISHED NOVEMBER 11, 1947. Class 6.

438,293. CHILDREN'S COATS. SCHER & FELDMAN, INC., New York, N. Y.
Filed April 16, 1947. Serial No. 520,833. PUBLISHED DECEMBER 30, 1947. Class 39.

438,294. PREPARATION OF MALT AND MINERAL SALT USED IN THE MANUFACTURE OF BREAD AND ALLIED PRODUCTS. BARRETT'S FOOD COMPANY PROPRIETARY LIMITED, Melbourne, Victoria, Australia.
Filed April 18, 1947. Serial No. 520,919. PUBLISHED JANUARY 27, 1948. Class 46.

438,295. MOTHPROOFING COMPOSITION FOR TREATING TEXTILE FABRICS, ARTICLES MADE THEREFROM, AND THE LIKE, ESPECIALLY WOOLENS, FOR THE PURPOSE OF REPELLING ATTACK BY MOTHS. LAUNDER MOTH, INC., Hyde Park, N. Y.
Filed April 18, 1947. Serial No. 520,952. PUBLISHED JANUARY 27, 1948. Class 6.

438,296. CALCIUM CARBONATE AND MAGNESIUM TRISILICATE PREPARATION FOR THE RELIEF OF GASTRIC HYPERACIDITY. NEOCO CORPORATION, Los Angeles, Calif.
Filed April 26, 1947. Serial No. 521,397. PUBLISHED JANUARY 27, 1948. Class 6.

438,297. METAL POLISH IN LIQUID FORM. CHROM GLO COMPANY, Toledo, Ohio.
Filed April 28, 1947. Serial No. 521,435. PUBLISHED JANUARY 13, 1948. Class 4.

438,298. TEMPLATE. TIMELY PRODUCTS COMPANY, Columbus, Ohio.
Filed April 28, 1947. Serial No. 521,486. PUBLISHED JANUARY 20, 1948. Class 26.

438,299. LIQUID HAND SOAP, A FLOOR CLEANING COMPOUND, SOAP CLEANING COMPOUNDS, AND DEGREASING COMPOUNDS. DU-EV PRODUCTS CO. INC., Brooklyn, N. Y.
Filed April 29, 1947. Serial No. 521,508. PUBLISHED JANUARY 13, 1948. Class 4.

438,300. MOLD GUM FOR USE IN MAKING VULCANIZED TIRE AND TUBE REPAIRS. THE MOHAWK RUBBER COMPANY, Akron, Ohio.
Filed May 1, 1947. Serial No. 521,674. PUBLISHED JANUARY 13, 1948. Class 35.

438,301. MOTION PICTURE FILM SPLICERS. SIGBERT L. WITTENBERG, Brooklyn, N. Y.
Filed May 1, 1947. Serial No. 521,708. PUBLISHED JANUARY 20, 1948. Class 26.

438,302. LEATHER. R. J. WIDEN COMPANY, North Adams, Mass.
Filed May 23, 1947. Serial No. 522,932. PUBLISHED JANUARY 20, 1948. Class 1.

438,303. CLAY CARRIER OR DILUENT FOR INSECTICIDES AND FUNGICIDES. R. T. VANDERBILT COMPANY, INC., New York, N. Y.
Filed May 24, 1947. Serial No. 522,982. PUBLISHED JANUARY 13, 1948. Class 6.

438,304. INSECTICIDES, FUNGICIDES, GERMICIDES, PESTICIDES, AND DISINFECTANTS FOR THE CONTROL OF BACTERIA, IN INFESTATIONS OF UTENSILS. JOHN POWELL & CO., INC., New York, N. Y.
Filed May 26, 1947. Serial No. 523,022. PUBLISHED JANUARY 27, 1948. Class 6.

438,305. GAS PRESSURE GAUGES. VICTOR EQUIPMENT CO., San Francisco, Calif.
Filed May 27, 1947. Serial No. 523,098. PUBLISHED JANUARY 20, 1948. Class 26.

438,306. MOULDING POWDER AND MOULDING PLASTIC. EMSIG MANUFACTURING COMPANY, New York, N. Y.
Filed May 28, 1947. Serial No. 523,192. PUBLISHED JANUARY 20, 1948. Class 1.

438,307. HAIR EMULSION, A FLUID APPLIED AS A TONIC TO THE HAIR FOR THE GROWTH OF SAME. GERMAN DE LA VEGA, Brooklyn, N. Y.
Filed June 3, 1947. Serial No. 523,465. PUBLISHED JANUARY 27, 1948. Class 6.

438,308. COLD TABLETS. S-A-M LABORATORIES, INC., Norfolk, Va.
Filed June 6, 1947. Serial No. 523,708. PUBLISHED AUGUST 26, 1947. Class 6.

438,309. FRESH VEGETABLES—NAMELY, TOMATOES. EMILIA L. OLIVER, doing business as E. L. Oliver, Nogales, Ariz.
Filed June 7, 1947. Serial No. 523,797. PUBLISHED JANUARY 20, 1948. Class 46.

438,310. PULVERIZED PRODUCT USED IN MAKING REFRACTORY MOLDS AND INVESTMENTS FOR CASTING METALS, PARTICULARLY AS A GENERAL REFRACTORY MOLDING COMPOSITION FOR MAKING JEWELRY. HENRY ZWEIG, doing business as Plato-Cast Products, New York, N. Y.
Filed June 9, 1947. Serial No. 523,876. PUBLISHED JANUARY 27, 1948. Class 1.

438,311. SHUTTER OPERATING ATTACHMENT FOR CAMERAS. LADISLAV KERESZTES, doing business as Laker Hairspring Service, New York, N. Y.
Filed June 10, 1947. Serial No. 523,899. PUBLISHED JANUARY 20, 1948. Class 26.

438,312. INSULATING MATERIAL CONSISTING OF PORTLAND CEMENT, SAWDUST, ASBESTOS, ROCK SALT, AND LIME, ADAPTED FOR CONSTRUCTION PURPOSES. ROBERTS ENTERPRISES, Staten Island, N. Y.
Filed June 10, 1947. Serial No. 523,922. PUBLISHED DECEMBER 16, 1947. Class 12.

438,313. DIURETIC MEDICINE IN CAPSULE FORM. R. J. MORAN CO., Boston, Mass.
Filed June 11, 1947. Serial No. 523,977. PUBLISHED JANUARY 13, 1948. Class 6.

438,314. CANNED PREPARED FOOD PRODUCT COMPRISED OF VARIOUS GARDEN FRESH, UNCOOKED VEGETABLES WITH FRUITS, SPICES, AND SEASONING. WILLIAM H. LAMBERT, doing business as Lambert Research Laboratories, Mineola, Mo.
Filed June 12, 1947. Serial No. 524,065. PUBLISHED JANUARY 20, 1948. Class 46.

438,315. WOOD VENEER; PLYWOOD; HOLLOW FLUSH DOORS AND HOLLOW FLUSH PANELS. THE MENGEL COMPANY, Louisville, Ky.
Filed June 12, 1947. Serial No. 524,072. PUBLISHED JANUARY 13, 1948. Class 12.

438,316. WOOD PULP. GOTTESMAN & COMPANY INCORPORATED, New York, N. Y.
Filed June 14, 1947. Serial No. 524,182. PUBLISHED JANUARY 20, 1948. Class 1.

438,317. LIVESTOCK AND POULTRY FEED AND FEED SUPPLEMENTS AND CONCENTRATES, COMPOSED PRINCIPALLY OF OATS AND WHEAT. R. G. MASON, Macomb, Ill.
Filed June 17, 1947. Serial No. 524,339. PUBLISHED JANUARY 27, 1948. Class 46.

438,318. SUDSING CLEANER, CLEANSER, AND DETERGENT. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed June 18, 1947. Serial No. 524,417. PUBLISHED JANUARY 6, 1948. Class 4.

438,319. LIGHT-SENSITIVE PAPER. THE HALOID COMPANY, Rochester, N. Y.
Filed June 19, 1947. Serial No. 524,458. PUBLISHED JANUARY 20, 1948. Class 26.

438,320. SUDSING CLEANER, CLEANSER, AND DETERGENT. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed June 19, 1947. Serial No. 524,477. PUBLISHED JANUARY 13, 1948. Class 4.

438,321. SUDSING CLEANER, CLEANSER, AND DETERGENT. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed June 19, 1947. Serial No. 524,480. PUBLISHED JANUARY 6, 1948. Class 4.

438,322. SUDSING CLEANER, CLEANSER, AND DETERGENT. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed June 20, 1947. Serial No. 524,562. PUBLISHED JANUARY 6, 1948. Class 4.

438,323. SUDSING CLEANER, CLEANSER, AND DETERGENT. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed June 21, 1947. Serial No. 524,621. PUBLISHED JANUARY 13, 1948. Class 4.

438,324. SUDSING CLEANER, CLEANSER, AND DETERGENT. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed June 21, 1947. Serial No. 524,622. PUBLISHED JANUARY 6, 1948. Class 4.

438,325. DEXTROSE. FOREX AG. ZÜRICH, Zurich, Switzerland.
Filed June 21, 1947. Serial No. 524,642. PUBLISHED JANUARY 13, 1948. Class 46.

438,326. SCRUB BRUSH CLAMP HANDLES. ITSA MFG. CO., St. Louis, Mo.
Filed June 24, 1947. Serial No. 524,708. PUBLISHED JANUARY 13, 1948. Class 20.

438,327. LEATHERS—NAMELY, SHEEPSKIN AND LAMBSKIN-FINISHED DOESKIN. LOUIS MEYERS & SON, INC., New York, N. Y.
Filed June 24, 1947. Serial No. 524,712. PUBLISHED JANUARY 20, 1948. Class 1.

438,328. DETERGENT AND POLISHING AGENT FOR CLEANING GLASS, ENAMELED SURFACES, CHROMIUM, TILE, PORCELAIN, AND THE LIKE. STERLING DRUG INC., Wilmington, Del.
Filed June 24, 1947. Serial No. 524,749. PUBLISHED JANUARY 6, 1948. Class 4.

438,329. LEATHER IN THE PIECE—NAMELY, BENDS AND STRIPS AND ON SQUARES AND BLOCKS CUT OUT OF SOLE LEATHER BENDS. AARON GLICKSMAN, doing business as A. Glicksman and Company, Chicago, Ill.
Filed June 25, 1947. Serial No. 524,792. PUBLISHED JANUARY 20, 1948. Class 1.

438,330. SUDSING CLEANER, CLEANSER, AND DETERGENT. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed June 25, 1947. Serial No. 524,814. PUBLISHED JANUARY 6, 1948. Class 4.

438,331. CAMERAS. EFFIE J. SPATZ, doing business as The Identiscope Company of America, Cleveland, Ohio.
Filed June 25, 1947. Serial No. 524,831. PUBLISHED JANUARY 20, 1948. Class 26.

438,332. WOOD ENCASED LEAD PENCILS. RICHARD BEST PENCIL COMPANY, INC., Springfield, N. J.
Filed June 26, 1947. Serial No. 524,899. PUBLISHED JANUARY 20, 1948. Class 37.

438,333. WOOD-ENCASED LEAD AND COLORED PENCILS. RICHARD BEST PENCIL COMPANY, INC., Springfield, N. J.
Filed June 26, 1947. Serial No. 524,902. PUBLISHED JANUARY 20, 1948. Class 37.

438,334. FIELD CORN SEED AND SWEET CORN SEED. J. L. PEPPARD, Kansas City, Mo.
Filed June 28, 1947. Serial No. 525,099. PUBLISHED JANUARY 20, 1948. Class 1.

438,335. FIELD CORN SEED AND SWEET CORN SEED. J. L. PEPPARD, Kansas City, Mo.
Filed June 28, 1947. Serial No. 525,100. PUBLISHED JANUARY 20, 1948. Class 1.

438,336. STERLING SILVER FLATWARE. R. WALLACE & SONS MANUFACTURING COMPANY, Wallingford, Conn.
Filed June 28, 1947. Serial No. 525,164. PUBLISHED JANUARY 20, 1948. Class 28.

438,337. STERLING SILVER FLATWARE. R. WALLACE & SONS MANUFACTURING COMPANY, Wallingford, Conn.
Filed June 28, 1947. Serial No. 525,165. PUBLISHED JANUARY 20, 1948. Class 28.

438,338. STERLING SILVER FLATWARE. R. WALLACE & SONS MANUFACTURING COMPANY, Wallingford, Conn.
Filed June 28, 1947. Serial No. 525,166. PUBLISHED JANUARY 20, 1948. Class 28.

438,339. STERLING SILVER FLATWARE. R. WALLACE & SONS MANUFACTURING COMPANY, Wallingford, Conn.
Filed June 28, 1947. Serial No. 525,167. PUBLISHED JANUARY 20, 1948. Class 28.

438,340. STERLING SILVER FLATWARE. R. WALLACE & SONS MANUFACTURING COMPANY, Wallingford, Conn.
Filed June 28, 1947. Serial No. 525,168. PUBLISHED JANUARY 20, 1948. Class 28.

438,341. DISINFECTANT. WEST DISINFECTING COMPANY, Long Island City, N. Y.
Filed June 28, 1947. Serial No. 525,169. PUBLISHED JANUARY 20, 1948. Class 6.

438,342. SUDSING CLEANER, CLEANSER, AND DETERGENT. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed June 30, 1947. Serial No. 525,245. PUBLISHED JANUARY 6, 1948. Class 4.

438,343. PHOTOGRAPHIC CAMERAS AND CAMERA ACCESSORIES—NAMELY, FOCUSING HOODS, SPECIAL CAMERA BACKS FOR ADAPTING CAMERAS TO DIFFERENT SIZE FILMS, AND CAMERA HOLDERS TO ENABLE CAMERA TO BE USED AS AN ENLARGER. JOHN BRAND, doing business as Brand Camera Company, Los Angeles, Calif.
Filed July 1, 1947. Serial No. 525,294. PUBLISHED JANUARY 20, 1948. Class 26.

438,344. CHEWING TOBACCO. P. LORILLARD COMPANY, New York, N. Y.
Filed July 1, 1947. Serial No. 525,347. PUBLISHED JANUARY 20, 1948. Class 17.

438,345. CHEWING TOBACCO. P. LORILLARD COMPANY, New York, N. Y.
Filed July 1, 1947. Serial No. 525,349. PUBLISHED JANUARY 20, 1948. Class 17.

438,346. CHEWING TOBACCO. P. LORILLARD COMPANY, New York, N. Y.
Filed July 1, 1947. Serial No. 525,350. PUBLISHED JANUARY 20, 1948. Class 17.

438,347. CIGARS. P. LORILLARD COMPANY, New York, N. Y.
Filed July 1, 1947. Serial No. 525,354. PUBLISHED JANUARY 20, 1948. Class 17.

438,348. CIGARETTES. P. LORILLARD COMPANY, New York, N. Y.
Filed July 1, 1947. Serial No. 525,356. PUBLISHED JANUARY 20, 1948. Class 17.

438,349. WATCHES, CHRONOMETERS WITH AUTOMATIC CALENDAR. STOLZ FRERES, S. A. MANUFACTURE D'HORLOGERIE ANGELUS, Le Locle, Switzerland.
Filed July 1, 1947. Serial No. 525,418. PUBLISHED JANUARY 27, 1948. Class 27.

438,350. MEDICATED OINTMENT. THE J. R. WATKINS COMPANY, Winona, Minn.
Filed July 1, 1947. Serial No. 525,465. PUBLISHED JANUARY 20, 1948. Class 6.

438,351. GRANULAR MINERAL MATERIAL PRODUCT FOR ABSORBING OILS, GREASE, AND WATER FROM FLOORS. NATIONAL SAWDUST CO., INC., Brooklyn, N. Y.
Filed July 1, 1947. Serial No. 525,494. PUBLISHED JANUARY 20, 1948. Class 4.

438,352. GROUND CHOCOLATE, COCOA, BITTER SWEET CHOCOLATE, MILK CHOCOLATE, MINT CHOCOLATE AND RAISIN CHOCOLATE SOLD IN THE FORM OF BARS AS CANDY AND FOR COOKING PURPOSES. D. GHIRARDELLI CO., San Francisco, Calif.
Filed July 2, 1947. Serial No. 525,587. PUBLISHED JANUARY 27, 1948. Class 46.

438,353. CLOCKS, STRIKING CLOCKS, MEN'S AND LADIES' WATCHES—NAMELY, STRAP, POCKET, AND PENDANT, PLAIN, ENGRAVED, AND PRECIOUS STONE SET; WATCH MOVEMENTS AND CASES. C. D. PEACOCK, INC., Chicago, Ill.
Filed July 2, 1947. Serial No. 525,669. PUBLISHED DECEMBER 23, 1947. Class 27.

438,354. WATCHES, WATCH-CASES, AND WATCH-PARTS. WALTER ARONHEIM, New York, N. Y.
Filed July 3, 1947. Serial No. 525,763. PUBLISHED JANUARY 13, 1948. Class 27.

438,355. CANDY. ATLANTIC FOOD PRODUCTS, Brooklyn, N. Y.
Filed July 3, 1947. Serial No. 525,764. PUBLISHED JANUARY 20, 1948. Class 46.

438,356. TEA. NEW ORLEANS IMPORT CO., LIMITED, New Orleans, La.
Filed July 3, 1947. Serial No. 525,930. PUBLISHED JANUARY 20, 1948. Class 46.

438,357. SUDSING CLEANER, CLEANSER, AND DETERGENT. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed July 3, 1947. Serial No. 525,947. PUBLISHED JANUARY 6, 1948. Class 4.

438,358. SET SCREW WRENCHES. RADIO CORPORATION OF AMERICA, New York, N. Y.
Filed July 3, 1947. Serial No. 525,950. PUBLISHED JANUARY 13, 1948. Class 23.

438,359. PLYWOOD OR OTHER LAMINATED MATERIAL USING WOOD FOR ONE OR MORE OF THE LAMINATIONS. UNITED STATES PLYWOOD CORPORATION, New York, N. Y.
Filed July 3, 1947. Serial No. 525,987. PUBLISHED DECEMBER 16, 1947. Class 12.

438,360. PAPETERIES, I. E., STATIONERY COMPRISING ENVELOPES AND/OR WRITING PAPER EITHER FLAT OR FOLDED, PUT UP IN BOXES, PORTFOLIOS, OR BANDED PACKAGES. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio.
Filed July 3, 1947. Serial No. 526,150. PUBLISHED JANUARY 20, 1948. Class 37.

ACT OF 1920

These registrations are not subject to opposition.

438,361. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) PETERSON FILTERS AND ENGINEERING CO., Salt Lake City, Utah. Filed June 15, 1943. Serial No. 461,418.

DOUBLE FULCRUM

FOR SCRAPERS ADAPTED TO BE MOUNTED ON ROTARY FILTERS FOR REMOVAL OF FILTER CAKE THEREFROM.
Claims use since May 24, 1943.

438,362. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) ATHEY TRUSS WHEEL CO., Chicago, Ill. Filed Aug. 17, 1945. Serial No. 487,163.

ATHEY FORCE-FEED LOADER

FOR CONTINUOUS BELT LOADER (OF THE TYPE COMPRISING EITHER A TOW-TYPE OR A SELF-PROPELLED UNIT) FOR LOADING UPON A TRUCK, GRAVEL, DIRT, AND THE LIKE ARRANGED IN WINDROWS.
Claims use since Oct. 29, 1941.

438,363. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) JOSEPH M. GORDON, New York, N. Y. Filed May 25, 1946. Serial No. 502,749.

METALLOY

FOR LAMINAE OF PLASTIC COMPOSITION, IN SHEETS, STRIPS, ROLLS AND THE LIKE, HAVING A HIGHLY POLISHED, METALLIC-APPEARING SURFACE, FOR DECORATIVE AND OTHER PURPOSES, SUCH AS WRAPPINGS, COVERINGS AND LABELS.
Claims use since Apr. 24, 1946.

438,364. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) MORRIS HELLER, Brooklyn, N. Y. Filed June 14, 1946. Serial No. 503,904.

SMÖRGASBORD

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Morris HELLER Promotion

FOR FOOD SERVING TRAYS MADE FROM BASE METAL.
Claims use since December 20, 1945.

438,365. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SPAULDING BAKERIES, INC., Binghamton, N. Y. Filed June 24, 1946. Serial No. 504,518.

SPAULDING SPECIAL
STUFFING BREAD

FOR LOAF BREAD.
Claims use since November 1935.

438,366. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AMERICAN CHEWING PRODUCTS CORP., Newark, N. J. Filed July 19, 1946. Serial No. 505,881.

AMERICAN MAID
BUB-L GUM

Applicant is the owner of registration No. 426,514, issued December 24, 1946.
FOR CHEWING GUM.
Claims use since Nov. 20, 1926.

438,367. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) OAKES & COMPANY, Chicago, Ill., assignor to Oakes & Company, Chicago, Ill., a corporation of Illinois. Filed Aug. 1, 1946. Serial No. 506,683.

TRU-RAY

FOR TRANSPARENT ACETATE CELLULOSE SHEETS USED AS A SUBSTITUTE FOR GLASS.
Claims use since Mar. 25, 1946.

438,368. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) OAKES & COMPANY, Chicago, Ill., assignor to Oakes & Company, Chicago, Ill., a corporation of Illinois. Filed Aug. 1, 1946. Serial No. 506,684.

TRU-LITE

FOR TRANSPARENT ACETATE CELLULOSE SHEETS USED AS A SUBSTITUTE FOR GLASS.
Claims use since February 1941.

438,369. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) RALPH E. GROSSMAN, Decatur, Ill. Filed Sept. 9, 1946. Serial No. 508,723.

Picture Craft

FOR TOY PAINTING KITS.
Claims use since Jan. 1, 1941.

438,370. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) KAY DAUMIT, INC., Chicago, Ill., assignor to Kay Daumit, Inc., Jersey City, N. J., a corporation of Delaware. Filed Dec. 28, 1946. Serial No. 514,941.

Lustre-Creme

FOR SHAMPOO AND HAIR DRESSING.
Claims use since Feb. 29, 1944.

ACT OF 1946, PRINCIPAL REGISTER

500,052. ASBESTOS SIDING. ASBESTOS COMPANY OF TEXAS, Houston, Tex.
Filed July 5, 1947. Serial No. 526,570. PUBLISHED JANUARY 6, 1948. Class 12.

500,053. PERFUME BASES. UNITED STATES RUBBER COMPANY, New York, N. Y.
Filed July 5, 1947. Serial No. 526,640. PUBLISHED JANUARY 27, 1948. Class 6.

500,054. MEDICINAL PREPARATION FOR TREATING THE SKIN. GEORGIA STAPPAS, doing business as Eevra Co., East Providence, R. I.
Filed July 5, 1947. Serial No. 526,654. PUBLISHED JANUARY 27, 1948. Class 6.

500,055. STABILIZED ASSIMILABLE IODIDE-CONTAINING SUBSTANCES. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo.
Filed July 5, 1947. Serial No. 526,866. PUBLISHED JANUARY 20, 1948. Class 6.

500,056. HYDROGEN PEROXIDE. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo.
Filed July 5, 1947. Serial No. 526,907. PUBLISHED JANUARY 20, 1948. Class 6.

500,057. MERCURIAL SALT KNOWN AS MERCUROUS CHLORIDE, EMPLOYED FOR THE CONTROL OF BROWN PATCH ON PUTTING GREENS AND FINE LAWNS. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo.
Filed July 5, 1947. Serial No. 526,956. PUBLISHED JANUARY 20, 1948. Class 6.

500,058. VITAMIN B-COMPLEX PRODUCTS IN CAPSULE, TABLET, AND AQUEOUS FORM (FOR ORAL, INTRAMUSCULAR, OR INTRAVENOUS USE), ETC. PASADENA RESEARCH LABORATORIES, INC., Pasadena, Calif.
Filed July 5, 1947. Serial No. 527,047. PUBLISHED JANUARY 27, 1948. Class 6.

500,059. DRY, POWDERED ASPHALT COMPOUNDED WITH OTHER INGREDIENTS FOR USE IN PRODUCING A CEMENT. THE PRESSTITE ENGINEERING COMPANY, St. Louis, Mo.
Filed July 5, 1947. Serial No. 527,132. PUBLISHED JANUARY 13, 1948. Class 12.

500,060. VEHICLE RADIATORS, RADIATOR CORES, AND AUTOMOBILE HEATERS UTILIZING HOT WATER FROM THE ENGINE. AUTO RADIATOR MANUFACTURING COMPANY, Chicago, Ill.
Filed July 5, 1947. Serial No. 527,157. PUBLISHED JANUARY 20, 1948. Class 19.

500,061. ASPHALT COMPOUNDED WITH OTHER INGREDIENTS FOR USE IN PRODUCING A CEMENT. THE PRESSTITE ENGINEERING COMPANY, St. Louis, Mo.
Filed July 5, 1947. Serial No. 527,168. PUBLISHED JANUARY 13, 1948. Class 12.

500,062. IRONING TABLES AND IRONING TABLE PAD AND COVER SETS. THE J. R. CLARK COMPANY, Minneapolis, Minn.
Filed August 4, 1947. Serial No. 530,376. PUBLISHED JANUARY 27, 1948. Class 24.

500,063. SELF-RISING FLOUR. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y.
Filed July 5, 1947. Serial No. 527,367. PUBLISHED JANUARY 27, 1948. Class 46.

500,064. SCRATCH FEED, EGG LAYING MASH FEED, STARTING MASH, GROWING MASH, AND FINE CHICK FEED. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y.
Filed July 5, 1947. Serial No. 527,405. PUBLISHED JANUARY 27, 1948. Class 46.

500,065. CLOTHES DRYING RACKS. THE J. R. CLARK COMPANY, Minneapolis, Minn.
Filed August 4, 1947. Serial No. 530,381. PUBLISHED JANUARY 27, 1948. Class 24.

500,066. DIETHYLSTILBESTROL. E. S. MILLER LABORATORIES, INC., Los Angeles, Calif.
Filed July 5, 1947. Serial No. 527,502. PUBLISHED JANUARY 20, 1948. Class 6.

500,067. EGGS. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y.
Filed July 5, 1947. Serial No. 527,529. PUBLISHED JANUARY 20, 1948. Class 46.

500,068. DL-DESOXYEPHEDRINE. E. S. MILLER LABORATORIES, INC., Los Angeles, Calif.
Filed July 5, 1947. Serial No. 527,578. PUBLISHED JANUARY 20, 1948. Class 6.

500,069. BUTTER. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y.
Filed July 5, 1947. Serial No. 527,595. PUBLISHED JANUARY 20, 1948. Class 46.

500,070. WHEAT BREAKFAST FOOD. THE WHEATENA CORPORATION, Rahway, N. J.
Filed July 5, 1947. Serial No. 527,668. PUBLISHED JANUARY 27, 1948. Class 46.

500,071. FINE GRAIN PHOTOGRAPHIC DEVELOPERS. THE EDWAL LABORATORIES, INC., Chicago, Ill.
Filed July 5, 1947. Serial No. 527,829. PUBLISHED JANUARY 20, 1948. Class 6.

500,072. CALCIUM LEVULINATE. E. S. MILLER LABORATORIES, INC., Los Angeles, Calif.
Filed July 5, 1947. Serial No. 527,987. PUBLISHED JANUARY 20, 1948. Class 6.

500,073. DENTAL CREAM, COLD CREAM AND TOILET WATER. THE GREAT AMERICAN TEA COMPANY, New York, N. Y.
Filed July 12, 1947. Serial No. 528,464. PUBLISHED JANUARY 20, 1948. Class 6.

500,074. CANVAS BY THE YARD OR AS PIECE GOODS. EVEREADY CANVAS CORPORATION, New York, N. Y.
Filed July 15, 1947. Serial No. 528,617. PUBLISHED DECEMBER 23, 1947. Class 42.

500,075. MEDICINAL PREPARATION FOR THE TREATMENT OF ASTHMATIC CONDITIONS. SCHERING CORPORATION, Bloomfield, N. J.
Filed July 15, 1947. Serial No. 528,647. PUBLISHED JANUARY 20, 1948. Class 6.

500,076. PLASTICIZER AND SOFTENER FOR RUBBER AND SYNTHETIC RUBBERS. THE C. P. HALL COMPANY, Akron, Ohio.
Filed July 17, 1947. Serial No. 528,788. PUBLISHED JANUARY 27, 1948. Class 6.

500,077. MEDICINAL PREPARATION IN THE NATURE OF AN OINTMENT FOR THE RELIEF OF ATHLETE'S FOOT, RINGWORMS, SCABIES, AND TETTER. ABE E. DARROW, Philadelphia, Pa.
Filed July 18, 1947. Serial No. 528,856. PUBLISHED JANUARY 20, 1948. Class 6.

500,078. OINTMENT USED FOR THE TREATMENT OF MINOR BURNS AND SCALDS AND AS A PROTECTION AGAINST SUNBURN. BURROUGHS WELLCOME & CO. (U. S. A.) INC., New York, N. Y.
Filed July 22, 1947. Serial No. 529,141. PUBLISHED JANUARY 20, 1948. Class 6.

500,079. DRY VIPER VENOM FOR MAKING SOLUTIONS FOR USE IN CONTROLLING HEMORRHAGE BY DIRECT APPLICATION; ALSO USED AS A REAGENT IN BLOOD COAGULATING TIME TESTS. BURROUGHS WELLCOME & CO. (U. S. A.) INC., New York, N. Y.
Filed July 22, 1947. Serial No. 529,143. PUBLISHED JANUARY 20, 1948. Class 6.

500,080. OINTMENT FOR THE TREATMENT OF MUSCULAR PAINS, SPRAINS AND PAINFUL JOINTS. BURROUGHS WELLCOME & CO. (U. S. A.) INC., New York, N. Y.
Filed July 22, 1947. Serial No. 529,144. PUBLISHED JANUARY 20, 1948. Class 6.

500,081. MEDICINAL PREPARATION ADMINISTERED PARENTERALLY FOR THE TREATMENT OF TUBERCULOSIS AND LEPROSY. BURROUGHS WELLCOME & CO. (U. S. A.) INC., New York, N. Y.
Filed July 22, 1947. Serial No. 529,145. PUBLISHED JANUARY 20, 1948. Class 6.

500,082. CHEMICALLY TREATED STARCH, PRINCIPALLY IN POWDERED FORM, FOR USE IN THE PAPER AND TEXTILE INDUSTRY. HOWARD D. MEINOKE, Chicago, Ill.
Filed July 22, 1947. Serial No. 529,185. PUBLISHED JANUARY 20, 1948. Class 6.

500,083. LIQUID DENTIFRICE AND HAIR DRESSING. COLGATE-PALMOLIVE-PEET COMPANY, Jersey City, N. J.
Filed July 23, 1947. Serial No. 529,235. PUBLISHED JANUARY 27, 1948. Class 6.

500,084. ANTACID LIQUID PREPARATION FOR THE RELIEF OF GASTRIC HYPERACIDITY AND THE SYMPTOMS OF PEPTIC ULCER. BUFFINGTON'S, INCORPORATED, Worcester, Mass.
Filed July 26, 1947. Serial No. 529,586. PUBLISHED JANUARY 27, 1948. Class 6.

500,085. LAXATIVE TABLET. BUFFINGTON'S, INCORPORATED, Worcester, Mass.
Filed July 26, 1947. Serial No. 529,587. PUBLISHED JANUARY 27, 1948. Class 6.

500,086. BILE SALTS TABLET FOR THE STIMULATION OF LIVER FUNCTION. BUFFINGTON'S, INCORPORATED, Worcester, Mass.
Filed July 26, 1947. Serial No. 529,588. PUBLISHED JANUARY 27, 1948. Class 6.

500,087. INJECTABLE OIL SOLUTION OF AROMATIC PRINCIPLES FOR USE IN THE TREATMENT OF RESPIRATORY INFECTIONS. BUFFINGTON'S, INCORPORATED, Worcester, Mass.
Filed July 26, 1947. Serial No. 529,589. PUBLISHED JANUARY 27, 1948. Class 6.

500,088. BALSAM EMULSION USED AS A COUGH SEDATIVE WITHOUT NARCOTIC, AND IN THE TREATMENT OF BRONCHITIS. BUFFINGTON'S, INCORPORATED, Worcester, Mass.
Filed July 26, 1947. Serial No. 529,592. PUBLISHED JANUARY 27, 1948. Class 6.

500,089. ANTISEPTIC VAGINAL DOUCHE POWDER. BUFFINGTON'S, INCORPORATED, Worcester, Mass.
Filed July 26, 1947. Serial No. 529,593. PUBLISHED JANUARY 27, 1948. Class 6.

500,090. LIQUID PREPARATION FOR USE AS A SEDATIVE AND HYPNOTIC. BUFFINGTON'S, INCORPORATED, Worcester, Mass.
Filed July 26, 1947. Serial No. 529,594. PUBLISHED JANUARY 27, 1948. Class 6.

500,091. NON-NARCOTIC SYRUP FOR THE TREATMENT OF COUGHS AND COLDS IN INFANTS AND CHILDREN. BUFFINGTON'S, INCORPORATED, Worcester, Mass.
Filed July 26, 1947. Serial No. 529,595. PUBLISHED JANUARY 27, 1948. Class 6.

500,092. LIQUID EXTERNAL APPLICATION FOR THE RELIEF OF ITCHING CONDITIONS OF THE SKIN. BUFFINGTON'S, INCORPORATED, Worcester, Mass.
Filed July 26, 1947. Serial No. 529,597. PUBLISHED JANUARY 27, 1948. Class 6.

500,093. CHEMICAL MIXTURE FOR USE AS A COMPONENT OF FUNGICIDAL SPRAYS AND DUSTS. ROHM & HAAS COMPANY, Philadelphia, Pa.
Filed July 28, 1947. Serial No. 529,825. PUBLISHED JANUARY 20, 1948. Class 6.

500,094. CHEMICAL MIXTURE FOR USE AS A COMPONENT OF FUNGICIDAL SPRAYS AND DUSTS. ROHM & HAAS COMPANY, Philadelphia, Pa.
Filed July 28, 1947. Serial No. 529,826. PUBLISHED JANUARY 27, 1948. Class 6.

500,095. LYE. E. MYERS LYE CORPORATION, St. Louis, Mo.
Filed July 29, 1947. Serial No. 529,917. PUBLISHED JANUARY 20, 1948. Class 6.

500,096. LYE. E. MYERS LYE CORPORATION, St. Louis, Mo.
Filed July 29, 1947. Serial No. 529,918. PUBLISHED JANUARY 20, 1948. Class 6.

500,097. VITAMIN PREPARATION FOR INTERNAL USE FOR TREATMENT OF VITAMIN DEFICIENCY. MURRAY M. WINTROUB, doing business as The Vitamin Store of Iowa, Des Moines, Iowa.
Filed July 31, 1947. Serial No. 530,139. PUBLISHED JANUARY 20, 1948. Class 6.

500,098. SHAMPOO. SWADIG, LTD., San Francisco, Calif.
Filed August 11, 1947. Serial No. 531,051. PUBLISHED JANUARY 27, 1948. Class 6.

500,099. SYNTHETIC DETERGENT SOLUTION SUITABLE FOR USE AS A GUN CLEANER FOR THE REMOVAL OF POWDER COMBUSTION RESIDUE AND ACCUMULATED GUMS FROM FIREARMS, WHICH IS ALSO A FOAMING CLEANSER. CHEMICAL SPECIALTIES INCORPORATED, Oakland, Calif.
Filed August 12, 1947. Serial No. 531,098. PUBLISHED JANUARY 20, 1948. Class 4.

ACT OF 1946, SUPPLEMENTAL REGISTER

These registrations are not subject to opposition.

500,100. (CLASS 38. PRINTS AND PUBLICATIONS.) ELECTRONIC DEVELOPMENT ASSOCIATES, New York, N. Y. Filed Aug. 9, 1947. Serial No. 500,531.

EXPORT

FOR PERIODICAL PUBLISHED MONTHLY.
Claims use since Apr. 8, 1946.

500,101. (CLASS 38. PRINTS AND PUBLICATIONS.) THE BUREAU OF NATIONAL AFFAIRS, INC., assignee of United States News Publishing Corporation, Washington, D. C. Filed July 16, 1947. Serial No. 505,871.

WAGE AND OVERTIME CONTROL

FOR PERIODICAL PUBLICATIONS.
Claims use since July 8, 1946.

500,102. (CLASS 37. PAPER AND STATIONERY.) CLEEVELANDT CORPORATION, New York, N. Y. Filed July 31, 1947. Serial No. 507,801.

Van Cleeve

FOR FOUNTAIN PENS.
Claims use since July 25, 1946.

500,103. (CLASS 38. PRINTS AND PUBLICATIONS.) SCHOLASTIC CORPORATION, New York, N. Y. Filed Oct. 4, 1947. Serial No. 509,881.

Practical English

FOR PERIODICAL.
Claims use since Sept. 16, 1946.

500,104. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SAMUEL L. LANDRUM, doing business as The Taylor Chemical Company, Taylor, Tex. Filed Nov. 19, 1947. Serial No. 517,732.

KIL-BUG

FOR INSECTICIDES.
Claims use since Nov. 1, 1946.

TRADE-MARK REGISTRATIONS RENEWED

30,599. TIFFANY & CO. Registered Oct. 5, 1897. Tiffany & Co., New York, N. Y., a corporation of New York. Re-renewed Oct. 5, 1947. PAPER, ENVELOPES, VISITING-CARDS. WEDDING-CARDS, MENU-CARDS, PAPER CARDS AND OTHER NAMED MISCELLANEOUS STATIONERY. Classes 2, 11, 37, and 50.

66,733. REPRESENTATION OF A GILDING BRUSH AND TWO HANDS. Registered Dec. 24, 1907. W. H. Coe Manufacturing Co. Re-renewed Dec. 24, 1947, to W. H. Coe Manufacturing Company, Providence, R. I., a corporation of Rhode Island. HAND-OPERATED GILDING-WHEEL. Class 23.

66,734. REPRESENTATION OF A GILDING WHEEL AND A HAND. Registered Dec. 24, 1907. W. H. Coe Manufacturing Co. Re-renewed Dec. 24, 1947, to W. H. Coe Manufacturing Company, Providence, R. I., a corporation of Rhode Island. HAND-OPERATED GILDING-WHEEL. Class 23.

66,735. REPRESENTATION OF GILDING WHEEL AND HAND. Registered Dec. 24, 1907. W. H. Coe Manufacturing Co. Re-renewed Dec. 24, 1947, to W. H. Coe Manufacturing Company, Providence, R. I., a corporation of Rhode Island. HAND-OPERATED GILDING-WHEEL. Class 23.

67,104. "LIQUEUR SUPREME FECAMP" AND REPRESENTATION OF A BOTTLE LINED TO INDICATE COLORS RED, GREEN, CREAM AND GOLD. Registered Jan. 14, 1908. Ste. De La Distillerie Du Supreme Fecamp. Re-renewed Jan. 14, 1948, to Societe Anonyme De La Benedictine, Distillerie De La Liqueur De L'Ancienne Abbaye De Fecamp, Fecamp, France, a corporation organized under the laws of the Republic of France. LIQUEURS OR CORDIALS. Class 49.

67,166. METALASTIC. Registered Jan. 21, 1908. The Sherwin-Williams Company, Cleveland, Ohio, a corporation of Ohio. Re-renewed Jan. 21, 1948. MIXED PAINTS, PIGMENTS USED FOR PAINTS, STAINS, AND PAINT OILS. Class 16.

67,441. "QUAKER" AND FIGURE. Registered Feb. 4, 1908. The Quaker Oats Company, Jersey City, N. J., Chicago, Ill., Cedar Rapids, Iowa, and Akron, Ohio. Re-renewed Feb. 4, 1948, to The Quaker Oats Company, Chicago, Ill., a corporation of New Jersey. STOCK FOODS. Class 46.

67,442. VICTOR. Registered Feb. 4, 1908. The Quaker Oats Company, Jersey City, N. J., Chicago, Ill., Cedar Rapids, Iowa, and Akron, Ohio. Re-renewed Feb. 4, 1948, to The Quaker Oats Company, Chicago, Ill., a corporation of New Jersey. STOCK FOODS. Class 46.

67,443. "SCHUMACHER STOCK FEED (FS)" AND DESIGN. Registered Feb. 4, 1908. The Quaker Oats Company, Jersey City, N. J., Chicago, Ill., Cedar Rapids, Iowa, and Akron, Ohio. Re-renewed Feb. 4, 1948, to The Quaker Oats Company, Chicago, Ill., a corporation of New Jersey. STOCK FOODS. Class 46.

67,483. QUAKER. Registered Feb. 4, 1908. The Quaker Oats Company, Jersey City, N. J., and Chicago, Ill. Re-renewed Feb. 4, 1948, to The Quaker Oats Company, Chicago, Ill., a corporation of New Jersey. FLOURS MADE FROM WHEAT, OATS, RYE, CORN, AND BUCKWHEAT; AND CERTAIN OTHER NAMED FOODS AND INGREDIENTS OF FOODS. Class 46.

67,484. REPRESENTATION OF QUAKER FIGURE. Registered Feb. 4, 1908. The Quaker Oats Company, Jersey City, N. J., and Chicago, Ill. Re-renewed Feb. 4, 1948, to The Quaker Oats Company, Chicago, Ill., a corporation of New Jersey. FLOURS MADE FROM WHEAT, OATS, RYE, CORN, AND BUCKWHEAT; MEALS MADE FROM RYE, CORN AND OATS; AND OTHER NAMED FOODS AND INGREDIENTS OF FOODS. Class 46.

67,485. "QUAKER" AND FIGURE. Registered Feb. 4, 1908. The Quaker Oats Company, Jersey City, N. J., and Chicago, Ill. Re-renewed Feb. 4, 1948, to The Quaker Oats Company, Chicago, Ill., a corporation of New Jersey. FLOURS MADE FROM WHEAT, OATS, RYE, CORN, AND BUCKWHEAT; MEALS MADE FROM RYE, CORN AND OATS; AND OTHER NAMED FOODS AND INGREDIENTS OF FOODS. Class 46.

68,743. "FOSTER PILULES DIGESTIVES" ETC. AND DRAWING. Registered Apr. 28, 1908. Foster-McClellan Co., Buffalo, N. Y., a corporation of New York. Renewed Apr. 28, 1948. CATHARTIC PILLS. Class 6.

68,952. KROMELK. Registered May 12, 1908. Endicott Johnson Company. Re-renewed May 12, 1948, to Endicott Johnson Corporation, Endicott, N. Y., a corporation of New York. BOOTS AND SHOES OF LEATHER. Class 39.

230,521. WELMAID. Registered July 26, 1927. Lamco Products Co. Renewed July 26, 1947, to Welmaid Products, Chicago, Ill., a firm. IRONING-BOARD PADS AND COVERS. Class 24.

230,882. SHAVOLENE. Registered Aug. 9, 1927. International Chemical Company, Chicago, Ill., a corporation of Illinois. Renewed Aug. 9, 1947. PREPARATION FOR SHAVING, NOT A SOAP, TO BE APPLIED BEFORE SHAVING. Class 4.

232,705. TEARS. Registered Sept. 13, 1927. Chas. A. Stevens & Bros. Renewed Sept. 13, 1947, to Chas. A. Stevens & Co., Chicago, Ill., a corporation of Illinois. PERFUMES AND TOILET WATERS. Class 6.

233,052. "FAIRY FLEXTOFIT" AND FANCIFUL DRAWING. Registered Sept. 20, 1927. Shoe Form Co. Inc., Auburn, N. Y., a corporation of New York. Renewed Sept. 20, 1947. SHOE FORMS. Class 50.

234,216. CELESTION. Registered Oct. 18, 1927. Electrical Manufacturing & Plating Company, Hampton Wick, Kingston-on-Thames, England. Renewed Oct. 18, 1947, to Celestion Limited, Kingston-on-Thames, England, a corporation organized under the laws of Great Britain. LOUD SPEAKERS FOR WIRELESS TELEPHONY. Class 21.

234,995. WHISTO. Registered Nov. 8, 1927. White-Stokes Company, Inc., Chicago, Ill., a corporation of Delaware. Renewed Nov. 8, 1947. GLACÉ FRUIT. Class 46.

236,144. "NATIONAL" AND DESIGN. Registered Dec. 6, 1927. The National Tile Company. Renewed Dec. 6, 1947, to National Tile & Manufacturing Co., Anderson, Ind., a corporation of Ohio. TILES FOR INTERIOR USES. Class 12.

236,162. STEELE'S RUGAPAKS. Registered Dec. 27, 1927. The Columbus Dental Manufacturing Co., Columbus, Ohio, a corporation of Ohio. Renewed Dec. 27, 1947. RUGÆ MOLDS. Class 44.

236,173. "FOUNTAIN" AND DRAWING. Registered Dec. 6, 1927. The J. & F. Schroth Packing Company, Cincinnati, Ohio, a corporation of Ohio. Renewed Dec. 6, 1947. SAUSAGES AND IMITATION SAUSAGES, CHILI CON CARNE, DRY SALTED MEATS, PICKLED MEATS—NAMELY, PORK HAMS, SHOULDERS; OTHER NAMED MEATS AND CRACKLINGS (CHICKEN FEED). Class 46.

236,279. SHALIMAR. Registered Dec. 6, 1927. The Dubarry Perfumery Company Limited, Hove, England, a corporation organized under the laws of the United Kingdom of Great Britain and Northern Ireland. Renewed Dec. 6, 1947. PREPARATION FOR WHITENING AND SOFTENING THE HANDS, CUTICLE SOLVENT, CUTICLE CREAM, NAIL-POLISHING CRAYON, AND OTHER NAMED TOILETRY ARTICLES. Class 6.

237,071. KEMIKO. Registered Jan. 3, 1928. E. M. E. Corporation, doing business as Kemiko Mfg. Co., Newark, N. J. Renewed Jan. 3, 1948, to Kemiko Manufacturing Company, Irvington, N. J., a corporation of New Jersey. DISINFECTANTS, DEODORANTS, INSECTICIDES, VERMIN DESTROYERS, AND CHEMICAL COMPOUNDS FOR USE IN THE TREATMENT OF METALS, I. E. AND FOR DEADENING THE MAGNETIC FORCE IN HARDENED MAGNETS. Class 6.

237,093. PATAX. Registered Jan. 3, 1928. The Paterson Parchment Paper Co., Passaic, N. J. Renewed Jan. 3, 1948, to The Paterson Parchment Paper Company, Bristol, Pa., a corporation of Pennsylvania. WAXED PAPER. Class 37.

237,163. LILY. Registered Jan. 3, 1928. Lily Mill & Power Co. Renewed Jan. 3, 1948, to Lily Mills Company, Shelby, N. C., a corporation of North Carolina. THREADS AND YARN. Class 43.

237,181. FORMODA. Registered Jan. 3, 1928. Chas. A. Stevens & Bros. Renewed Jan. 3, 1948, to Chas. A. Stevens & Co., Chicago, Ill., a corporation of Illinois. UNDERWEAR, DRAWERS, TIGHTS, VESTS, UNION SUITS OF KNITTED AND TEXTILE FABRIC, AND CORSETS. Class 39.

237,210. "DU BARRY" AND DESIGN. Registered Jan. 3, 1928. The Applebaum-Mautner Company, Inc., Champaign, Ill. Renewed Jan. 3, 1948, to Applebaum-Mautner Company, Inc., Madison, Wis., a corporation of Wisconsin. BOOTS AND SHOES OF LEATHER, FABRIC, OR COMBINATIONS THEREOF. Class 39.

237,372. "HEMO-TONE" AND HEAVY UNDERLINE. Registered Jan. 10, 1928. Chappel Bros., Inc., Rockford, Ill. Renewed Jan. 10, 1948, to The Quaker Oats Company, Chicago, Ill., a corporation of New Jersey. ANIMAL TONIC—NAMELY, A PREPARATION OF HAEMOGLOBIN, MEAT, AND LIVER-EXTRACT COMPOUND. Class 6.

237,390. "EQUIFLO". Registered Jan. 10, 1928. Grinnell Company, Inc. Renewed Jan. 10, 1948, to Grinnell Corporation, Providence, R. I., a corporation of Delaware. VALVES MADE WHOLLY OR IN PART OF METAL. Class 13.

237,591. "KING CALF" AND REPRESENTATION OF CALF'S HEAD. Registered Jan. 10, 1928. Regal Shoe Company, Whitman, Mass., a corporation of Massachusetts. Renewed Jan. 10, 1948. CALFSKINS. Class 1.

237,797. POUDRE C'EST MOI. Registered Jan. 17, 1928. Guerlain Perfumery Corporation of New York. Renewed Jan. 17, 1948, to The Guerlain Perfumery Corporation, New York, N. Y., a corporation of Delaware. FACE POWDERS. Class 6.

237,851. KIB-L-BISKIT. Registered Jan. 17, 1928. Chappel Bros., Inc., Rockford, Ill. Renewed Jan. 17, 1948, to The Quaker Oats Company, Chicago, Ill., a corporation of New Jersey. PREPARED FOOD FOR DOGS, CATS, AND OTHER CARNIVOROUS ANIMALS. Class 46.

238,067. "DEFIAL" AND DESIGN. Registered Jan. 24, 1928. William Moreland, doing business as Defiance All-Weather Paint Co., Newark, N. J. Renewed Jan. 24, 1948, to William Moreland, Bloomfield, N. J. ROOF PAINTS. Class 16.

239,156. "ASPIR-MINT" AND HEAVY UNDERLINE. Registered Feb. 21, 1928. Dr. Miles Medical Company. Renewed Feb. 21, 1948, to Miles Laboratories, Inc., Elkhart, Ind., a corporation of Indiana. MEDICINAL PREPARATION FOR USE IN THE TREATMENT OF COLDS, NEURALGIA, SCIATICA, LUMBAGO, AND OTHER NAMED AILMENTS. Class 6.

239,231. "GRUENDLER" ETC. AND DRAWING. Registered Feb. 28, 1928. Gruendler Patent Crusher and Pulverizer Company. Renewed Feb. 28, 1948, to Gruendler Crusher and Pulverizer Company, St. Louis, Mo., a corporation of Missouri. CRUSHERS, SHREDDERS, BREAKERS, PULVERIZERS, AND GRINDERS. Class 23.

239,233. "GRUENDLER HERCULES" ETC. AND FANCIFUL DRAWING. Registered Feb. 28, 1928. Gruendler Patent Crusher and Pulverizer Company. Renewed Feb. 28, 1948, to Gruendler Crusher and Pulverizer Company, St. Louis, Mo., a corporation of Missouri. CRUSHERS, SHREDDERS, BREAKERS, PULVERIZERS AND GRINDERS. Class 23.

239,259. "KAMAKA HAWAII" AND DRAWING. Registered Feb. 28, 1928. Samuel Kaialiilii Kamaka, Pawaa Junction, Honolulu, Territory of Hawaii. Renewed Feb. 28, 1948. UKULELES. Class 36.

239,302. "ED. PINAUD" ETC. AND DESIGN. Registered Feb. 28, 1928. Pinaud Incorporated. Renewed Feb. 28, 1948, to Ed. Pinaud, Inc., New York, N. Y., a corporation of New York. PERFUMED POWDERS, PERFUMED WASHES AND WATERS, PERFUMED POMADES, PERFUMED OILS, AND PERFUMED DENTIFRICES. Class 6.

239,458. DJEDI. Registered Mar. 6, 1928. Guerlain Perfumery Corporation of New York. Renewed Mar. 6, 1948, to The Guerlain Perfumery Corporation, New York, N. Y., a corporation of Delaware. PERFUME. Class 6.

239,603. NEGULO. Registered Mar. 6, 1928. The Shirtcraft Company, Inc., New York, N. Y., a corporation of New York. Renewed Mar. 6, 1948. BOYS' AND MEN'S CLOTHING—VIZ., BLOUSES AND DRESS, NEGLIGEE, AND WORK SHIRTS OF TEXTILE FABRIC. Class 39.

239,604. "GOLDEN POPPY" AND DRAWING. Registered Mar. 6, 1928. The Shirtcraft Company, Inc., New York, N. Y., a corporation of New York. Renewed Mar. 6, 1948. BOYS' AND MEN'S CLOTHING—VIZ., BLOUSES AND DRESS, NEGLIGEE, AND WORK SHIRTS OF TEXTILE FABRIC. Class 39.

239,921. "Q-P" AND DRAWING. Registered Mar. 13, 1928. Joe Lowe Co. Inc., Brooklyn, N. Y. Renewed Mar. 13, 1948, to The Borden Company, New York, N. Y., a corporation of New Jersey. MILK AND CHOCOLATE BEVERAGE. Class 46.

240,242. SCOTCH. Registered Mar. 20, 1928. The Quaker Oats Company, Chicago, Ill., a corporation of New Jersey. Renewed Mar. 20, 1948. PEARLED BARLEY. Class 46.

240,680. "GRUENDLER PEERLESS" ETC. AND DRAWING. Registered Apr. 3, 1928. Gruendler Patent Crusher and Pulverizer Company. Renewed Apr. 3, 1948, to Gruendler Crusher and Pulverizer Company, St. Louis, Mo., a corporation of Missouri. CRUSHERS, SHREDDERS, BREAKERS, PULVERIZERS, AND GRINDERS. Class 23.

240,767. "THE FLORSHEIM SHOE" ETC. AND SHIELD DESIGN. Registered Apr. 10, 1928. The Florsheim Shoe Company, Chicago, Ill., a corporation of Illinois. Renewed Apr. 10, 1948. SHOES MADE OF LEATHER. Class 39.

240,802. MULSOID-SULFUR. Registered Apr. 10, 1928. The Sherwin-Williams Company, Cleveland, Ohio, a corporation of Ohio. Renewed Apr. 10, 1948. INSECTICIDES AND FUNGICIDES. Class 6.

241,228. LADY CAPRICE. Registered Apr. 17, 1928. Rice-Stix Dry Goods Company, St. Louis, Mo., a corporation of Missouri. Renewed Apr. 17, 1948. WOMEN'S, MISSES', AND CHILDREN'S DRESSES. Class 39.

242,217. THERMOLIER. Registered May 15, 1928. Grinnell Company, Inc. Renewed May 15, 1948, to Grinnell Corporation, Providence, R. I., a corporation of Delaware. RADIATORS FOR USE IN STEAM OR HOT-WATER HEATING SYSTEMS. Class 34.

242,608. ENTODON. Registered May 29, 1928. I. G. Farbenindustrie Aktiengesellschaft, Frankfort, Germany. Renewed May 29, 1948, to Winthrop-Stearns Inc., New York, N. Y., a corporation of Delaware. PREPARATIONS FOR THE TREATMENT OF SECONDARY AND TERTIARY SYPHILIS, ANGINA PECTORIS, BRONCHIAL ASTHMA, AND ARTERIOSCLEROSIS. Class 6.

TRADE-MARK REGISTRATIONS AMENDED, SURRENDERED, DISCLAIMED, CORRECTED, ETC.

47,471. THE INGERSOLL DOLLAR WATCH. Registered Nov. 7, 1905. Robt. H. Ingersoll & Bro., New York, N. Y. WATCHES AND CLOCKS. Class 27. Corrected as follows: In the statement, column 1, line 12, after "association" insert *and its predecessor*; and in the declaration, column 2, line 6, after "applicant" insert *and its predecessor*.

49,237. DOLLAR WATCH. Registered Jan. 30, 1906. Robt. H. Ingersoll & Bro., New York, N. Y. WATCHES AND CLOCKS. Class 27. Corrected as follows: In the statement, column 1, line 12, after "association" insert *and its predecessor*; and in the declaration, column 2, line 6, after "applicant" insert *and its predecessor*.

56,747. D.D.D. Registered Oct. 16, 1906. D. D. D. Company, Chicago, Ill. MEDICINE FOR THE CURE OF ECZEMA AND OTHER SKIN DISEASES. Class 6. Amended as follows: In the certificate, lines 9 and 10; in the heading to the drawing; in the heading to the statement and declaration; and in the statement, column 2, lines 3 and 4, for "Medicine for the Cure of Eczema and Other Skin Diseases" read *A Remedial Agent Intended to Relieve Itching and Other Irritations of the Skin and Scalp*; and in the statement, column 1, lines 13 to 15, for "67, Pharmaceutical preparations, plasters, and proprietary and veterinary medicines" read *6, Chemicals, medicines, and pharmaceutical preparations.*

318,457. THERMO. Registered Oct. 23, 1934. Alco Valve Co., Inc., Maplewood, Mo. FLOW CONTROL VALVES FOR REFRIGERATING UNITS. Class 13. Corrected as follows: In the original certificate, lines 2 and 16; in the heading to the statement; in the statement, column 1, line 1; and in the printed signature to the statement, for "Alco Valve Co., Inc." read *Alco Valve Company.*

436,125. GITS. Registered Jan. 20, 1948. Gits Molding Corporation, Chicago, Ill. POCKET KNIVES, RAZOR KNIVES AND SPOONS. Class 23. Corrected as follows: In the statement, first column, lines 7 and 8, description of merchandise, strike out the words "OF BASE METAL."

TRADE-MARK REGISTRATIONS REPUBLISHED

The following marks registered under the act of 1905, or the act of 1881, are published under the provisions of section 12(c) of the Trade-Mark Act of 1946. These registrations are not subject to opposition but are subject to cancellation under section 14 of the act of 1946.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Reg. No. 306,419. Registered Sept. 19, 1933. HENRY K. BARNES COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant, present location Salem, Mass.

GAM-OIL

The word "Oil" is disclaimed.
FOR LACE LEATHER.
Claims use since July 1903.

Reg. No. 373,769. Registered Dec. 19, 1939. FOUKE FUR COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

MATARA

FOR FURS, SKINS, HIDES, AND PELTS.
Claims use since Aug. 22, 1939.

Reg. No. 375,005. Registered Feb. 6, 1940. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio, a corporation of Ohio. Republished by registrant.

MILON

FOR CAMELBACK, A STRIP OF UNVULCANIZED RUBBER COMPOUND FOR RETREADING PNEUMATIC AUTOMOBILE TIRES.
Claims use since Aug. 22, 1938.

Reg. No. 382,507. Registered Oct. 29, 1940. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

LUSTRON

FOR ARTIFICIAL RESINS IN SOLID FORM SUITABLE FOR MOLDING, CASTING, OR EXTRUDING.
Claims use since May 28, 1940.

Reg. No. 382,673. Registered Nov. 5, 1940. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SAFLEX

FOR PLASTIC INTERLINER FOR SAFETY GLASS.
Claims use since May 29, 1940.

Reg. No. 395,626. Registered June 2, 1942. NORTHRUP, KING & CO., Berkeley, Calif., a corporation of Minnesota. Republished by registrant, present location Minneapolis, Minn.



FOR FIELD AND GARDEN SEEDS AND FARM AND GRASS SEEDS.
Claims use since August 1938.

Reg. No. 411,952. Registered Feb. 13, 1945. KIMBERLY-CLARK CORPORATION, Neenah, Wis., a corporation of Delaware. Republished by registrant.

Kimpreg

FOR PAPER AND CREPED CELLULOSE WADDING, BOTH IMPREGNATED WITH PHENOLIC RESIN PLASTIC, AND USED FOR APPLYING TO SURFACES OF ARTICLES OF MANUFACTURE.
Claims use since May 27, 1943.

Reg. No. 413,605. Registered May 1, 1945. ASSOCIATED SEED GROWERS, INC., New Haven, Conn., a corporation of Connecticut. Republished by registrant.

JEROME B RICE SEED CO

The words "Seed Co." are disclaimed.
FOR GARDEN AND FIELD SEEDS, BULBS, AND PLANTS.
Claims use since on or about Feb. 1, 1936.

Reg. No. 414,446. Registered June 12, 1945. FOUKE FUR COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SAFARI

FOR FUR SKINS, HIDES, AND PELTS.
Claims use since Aug. 16, 1934.

Reg. No. 418,557. Registered Jan. 1, 1946. FOUKE FUR COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.



FOR FUR SKINS, HIDES, AND PELTS.
Claims use since Dec. 10, 1919.

Reg. No. 425,543. Registered Nov. 26, 1946. GERMAIN SEED AND PLANT COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

GOLDEN WEST

FOR VEGETABLE AND FLOWER SEEDS.
Claims use since Nov. 30, 1943.

Reg. No. 425,736. Registered Dec. 3, 1946. GERMAIN SEED AND PLANT COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

PREMIUM

FOR GRASS SEED.
Claims use since Nov. 30, 1943.

Reg. No. 426,997. Registered Jan. 21, 1947. ASSOCIATED SEED GROWERS, INC., New Haven, Conn., a corporation of Connecticut. Republished by registrant.



The outline of the packet shown on the drawing is disclaimed.
FOR GARDEN AND FIELD SEEDS, BULBS, AND PLANTS.
Claims use since on or about April 4, 1946.

CLASS 2

RECEPTACLES

Reg. No. 365,057. Registered Feb. 21, 1939. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

DELTAGRIP

FOR PAPER BAGS.
Claims use since Sept. 28, 1938.

Reg. No. 372,807. Registered Nov. 14, 1939. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.



The words "Waterproof Bags" are disclaimed.
FOR BAGS MADE FROM LAMINATED MATERIAL COMPOSED OF LAYERS OF TEXTILE AND PAPER.
Claims use since Jan. 3, 1939.

Reg. No. 379,830. Registered July 30, 1940. DILLMAN INDUSTRIES, INC., Caruthersville, Mo., a corporation of Delaware. Republished by registrant, present location Memphis, Tenn.



FOR SHIPPING CONTAINERS—TO-WIT, BOXES, MADE OF WOOD, VENEER, CORRUGATED BOARD OR A COMBINATION OF CORRUGATED BOARD AND WOOD.
Claims use since about Mar. 1, 1939.

Reg. No. 408,023. Registered July 11, 1944. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

B-Tex

FOR WOVEN COTTON FABRIC BAGS.
Claims use since about Dec. 31, 1943.

Reg. No. 410,221. Registered Nov. 14, 1944. ZELLERBACH PAPER COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.

Lockerseal

FOR CARTONS.
Claims use since May 1, 1944.

Reg. No. 416,343. Registered Sept. 4, 1945. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

BEMIS

FOR BAGS AND SACKS MADE OF PAPER, FABRIC, LAMINATED FABRIC AND PAPER, AND/OR OTHER MATERIALS.
Claims use since 1881.

Reg. No. 416,879. Registered Oct. 2, 1945. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

BEMITEX

FOR BAGS AND SACKS MADE OF TEXTILE MATERIALS.
Claims use since July 1, 1925.

Reg. No. 422,691. Registered Aug. 6, 1946. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.



FOR WATERPROOF SHIPPING BAGS OF COMPOSITE MATERIAL USUALLY FABRIC LINED WITH ONE OR MORE LAYERS OF PAPER, WHICH LAYER OR LAYERS OF PAPER HAVE A WATERPROOF ADHESIVE AS A BINDING AGENT.
Claims use since Jan. 3, 1939.

Reg. No. 424,440. Registered Oct. 8, 1946. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

AQUATEX

FOR PAPER BAGS AND SACKS.
Claims use since Sept. 11, 1944.

Reg. No. 424,930. Registered Oct. 29, 1946. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

PARCHLINED

FOR WATERPROOF BAGS OF FABRIC WITH LINERS.
Claims use since Jan. 1, 1936.

Reg. No. 424,933. Registered Oct. 29, 1946. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

BEMIS
A

FOR FABRIC BAGS AND SACKS.
Claims use since 1908.

Reg. No. 425,551. Registered Nov. 26, 1946. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

TRY-SAX

The word "Sax" is disclaimed.
FOR FABRIC BAGS AND SACKS.
Claims use since about January 1941.

Reg. No. 426,740. Registered Jan. 7, 1947. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

Textite

FOR BAGS MADE OF TEXTILE MATERIAL LAMINATED OR COATED WITH OTHER MATERIALS.
Claims use since Aug. 6, 1946.

Reg. No. 426,940. Registered Jan. 21, 1947. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

BEMISAX

FOR FABRIC AND PAPER BAGS AND SACKS FOR CONTAINING PULVERIZED OR GRANULAR MATERIAL AND THE LIKE.
Claims use since July 1, 1929.

Reg. No. 427,085. Registered Jan. 28, 1947. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

BEMITINT

FOR FABRIC BAGS.
Claims use since January 1940.

Reg. No. 427,086. Registered Jan. 28, 1947. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

BEMILIN

FOR FABRIC BAGS.
Claims use since May 1940.

Reg. No. 429,910. Registered May 20, 1947. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

VISISAC

FOR OPEN-MESH BAGS.
Claims use since Nov. 26, 1946.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Reg. No. 410,607. Registered Dec. 5, 1944. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

LOK-SEAM

The word "Lok" is disclaimed.
FOR WALLETS AND BILLFOLDS.
Claims use since Feb. 25, 1944.

Reg. No. 427,573. Registered Feb. 11, 1947. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

SIR

FOR TRAVEL CASES.
Claims use since May 17, 1946.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Reg. No. 382,688. Registered Nov. 5, 1940. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

Chipso

FOR SOAP FLAKES AND GRANULES.
Claims use since Sept. 17, 1920.

Reg. No. 392,112. Registered Dec. 9, 1941. JOHN HUDSON MOORE, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SPORTSMAN

FOR HAND SOAP AND SHAVING SOAP.
Claims use since July 7, 1941.

Reg. No. 410,282. Registered Nov. 21, 1944. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

PEROXO

FOR COMBINED CHEMICAL CLEANSER AND SOAP IN POWDERED FORM.
Claims use since Jan. 1, 1927.

Reg. No. 410,603. Registered Dec. 5, 1944. GRAY COMPANY, INC., Minneapolis, Minn., a corporation of South Dakota. Republished by registrant.

G-A

FOR PREPARATION COMPRISING AN ABSORBENT POWDERED MATERIAL RESEMBLING FULLER'S EARTH, ADAPTED TO REMOVE OIL AND GREASE FROM FLOORS BY ABSORPTION, AND TO PREVENT SLIPPING.
Claims use since November 1938.

Reg. No. 413,266. Registered Apr. 17, 1945. U. S. SANITARY SPECIALTIES CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Sarene

FOR LATHER OIL HAND CLEANER.
Claims use since May 19, 1944.

Reg. No. 421,370. Registered May 28, 1946. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

LILT

FOR SOAP.
Claims use since July 30, 1945.

Reg. No. 421,739. Registered June 18, 1946. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

SCRAM

FOR SURFACE CLEANER IN PASTE FORM, ALSO USABLE AS SOAP.
Claims use since Apr. 29, 1939.

Reg. No. 421,818. Registered June 18, 1946. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

STEROX

FOR SYNTHETIC SOLID DETERGENTS.
Claims use since about Oct. 9, 1945.

Reg. No. 422,361. Registered July 16, 1946. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

PROCTO

FOR SUDSING CLEANER, CLEANSER, AND DETERGENT.
Claims use since Oct. 31, 1945.

Reg. No. 423,995. Registered Sept. 17, 1946. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

BIZ

FOR SUDSING CLEANER, CLEANSER, AND DETERGENT.
Claims use since Dec. 1, 1945.

Reg. No. 423,996. Registered Sept. 17, 1946. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

KETCH

FOR SUDSING CLEANER, CLEANSER, AND DETERGENT.
Claims use since Dec. 1, 1945.

Reg. No. 423,997. Registered Sept. 17, 1946. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

SKURRY

FOR SUDSING CLEANER, CLEANSER, AND DETERGENT.
Claims use since Dec. 1, 1945.

Reg. No. 424,339. Registered Oct. 1, 1946. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

TIDE

FOR SUDSING, SOAP-LIKE DETERGENTS IN SOLID (NON-LIQUID) FORM FOR HOUSEHOLD AND LAUNDRY PURPOSES.
Claims use since Oct. 9, 1945.

Reg. No. 427,126. Registered Jan. 28, 1947. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

ROCKET

FOR SUDSING CLEANER, CLEANSER AND DETERGENT.
Claims use since Feb. 29, 1932.

Reg. No. 429,548. Registered May 6, 1947. THE CARBORUNDUM COMPANY, Niagara Falls, N. Y., a corporation of Delaware. Republished by registrant.

CARBORUNDUM

The words "Trade Mark" are disclaimed.
FOR MOLDED ABRASIVE ARTICLES—NAMELY, BLOCKS, BRICKS, HONES, STICKS, STONES, DISCS AND WHEELS; ABRASIVE COATED PRODUCTS—NAMELY, ABRASIVE COATED PAPER, ABRASIVE COATED CLOTH, AND ABRASIVE COATED SHEET FIBER; AND ABRASIVE GRAINS AND POWDERS.
Claims use since November 1944 for molded abrasive articles; since July 1945 for abrasive coated products; and since November 1945 for abrasive grains and powders.

CLASS 5

ADHESIVES

Reg. No. 413,037. Registered Apr. 3, 1945. I. F. LAUCKS, INC., Seattle, Wash. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.

Speedbond

FOR GLUE.
Claims use since Nov. 16, 1944.

Reg. No. 416,431. Registered Sept. 11, 1945. CORK IMPORT CORPORATION, New York, N. Y., a corporation of Delaware. Republished by registrant, present location Englewood, N. J.

NOVOID

FOR WATERPROOF ADHESIVE CEMENTS.
Claims use since on or about June 1933.

Reg. No. 428,806. Registered Apr. 1, 1947. VELSICOL CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

CORESIN

FOR CORE OILS USED AS BINDERS IN MOLDING OPERATIONS.
Claims use since Feb. 1, 1946.

Reg. No. 429,906. Registered May 20, 1947. MIRACLE ADHESIVES CORPORATION, Newark, N. J., a corporation of New Jersey. Republished by registrant.

Miracle

FOR ADHESIVES FOR HOUSEHOLD OR INDUSTRIAL USES MADE OF RESINOUS MATERIALS, RUBBER PRODUCTS, STARCHES OR GLUES.
Claims use since on or about June 1938.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Reg. No. 183,160. Registered Apr. 22, 1924. S. C. JOHNSON & SON, Racine, Wis. Republished by S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin.

JOHNSON'S

FOR LIQUID COMPOUND FOR REMOVING CARBON DEPOSITS FROM THE CYLINDERS AND ASSOCIATED PARTS OF INTERNAL-COMBUSTION ENGINES.
Claims use since September 1916.

Reg. No. 255,743. Registered Apr. 30, 1929. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

KLOMINE

FOR DISINFECTANT, ANTISEPTIC, AND GERMICIDE PREPARATION.
Claims use since February 1923.

Reg. No. 328,691. Registered Oct. 1, 1935. HOSPITAL LIQUIDS, INC., Chicago, Ill., a corporation of Delaware. Republished by registrant.

FILTRAIR

FOR INTRAVENOUS AND SUBCUTANEOUS SOLUTIONS, PARTICULARLY RINGER'S SOLUTIONS WITH AND WITHOUT PROCAINE BORATE; AND ALL THE GOODS NAMED IN SAID REGISTRATION.
Claims use since Mar. 19, 1935.

Reg. No. 351,665. Registered Nov. 2, 1937. E. DALTROFF & CIE., doing business as Parfumerie Caron, Paris, France, assignor to Caron Corporation, New York, N. Y., a corporation of New York. Republished by Caron Corporation, New York, N. Y., a corporation of New York.

FRENCH CANCAN

The word "French" is disclaimed.
FOR PERFUME.
Claims use since April 1936.

Reg. No. 361,932. Registered Nov. 8, 1938. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

AURAGREEN

FOR DYE PREPARATION WHICH IS APPLIED TO GRASS FOR BROWN PATCH CONTROL.
Claims use since Mar. 2, 1937.

Reg. No. 363,737. Registered Jan. 3, 1939. JAMES L. YOUNGHUSBAND, Chicago, Ill. Republished by registrant.

GAY BANDIT

FOR LIPSTICK, ROUGE, FACE POWDER, EYELASH AND EYEBROW MASCARA, PADS IMPREGNATED WITH DEODORANT AND ANTI-PERSPIRANT LOTION, CREAMS FOR THE HANDS AND FACE, CLEANSING PADS IMPREGNATED WITH LOTION; PREPARATIONS FOR SKIN, HAIR, AND FINGER NAILS; AND PERFUMES.
Claims use since Apr. 20, 1937.

Reg. No. 368,050. Registered June 6, 1939. U. S. STANDARD PRODUCTS COMPANY, Woodworth, Wis., a corporation of Wisconsin. Republished by registrant.

Morome

FOR PREPARATION IN THE FORM OF A SIRUP, ELIXIR, AND IN TABLET AND CAPSULE FORM, ALL CONTAINING IRON AND COPPER, AND FOR USE IN TREATING ANEMIC CONDITIONS AND AS A TONIC.
Claims use since Dec. 19, 1938.

Reg. No. 380,462. Registered Aug. 20, 1940. WRIGHT & LAWRENCE, INC., Chicago, Ill. Republished by The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio.

Best Man

FOR AFTER-SHAVING LOTION AND TALCUM POWDER.
Claims use since Sept. 15, 1939.

Reg. No. 380,505. Registered Aug. 20, 1940. THE GROSS PHOTO SUPPLY COMPANY, Toledo, Ohio, a corporation of Ohio. Republished by registrant.

GOLBLEND

FOR DEVELOPING SOLUTION USED IN PHOTOGRAPHY.
Claims use since on or about Sept. 1, 1937.

Reg. No. 381,067. Registered Sept. 10, 1940. HOSPITAL LIQUIDS, INC., Chicago, Ill., a corporation of Delaware. Republished by registrant.

CHORIONE

FOR ANTERIOR PITUITARY-LIKE SEX HORMONES, CHORIONIC GONADATROPHIN IN POWDERED FORM OR IN SOLUTIONS OF DISTILLED WATER, FOR TREATMENT OF MENORRHAGIA, METRORRHAGIA, DYSMENORRHEA, HYPOGONADISM, HABITUAL ABORTION, UNDESCENDED TESTES, AND STERILITY OF THE MALE.
Claims use since Oct. 8, 1937.

Reg. No. 381,789. Registered Oct. 8, 1940. CAMPANA CORPORATION, Batavia, Ill. Republished by Campana Sales Company, Batavia, Ill., a corporation of Delaware.

OLD SOUTH

FOR TOILET WATERS, COLOGNES, AND PERFUMERY.
Claims use since Feb. 22, 1940.

Reg. No. 382,886. Registered Nov. 12, 1940. THE DAVIES-YOUNG SOAP COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

TIK

FOR PASTE-SHAMPOO.
Claims use since July 12, 1940.

Reg. No. 388,122. Registered June 10, 1941. GRAY COMPANY, INC., Minneapolis, Minn., a corporation of South Dakota. Republished by registrant.

VITALENE

FOR SOLVENT IN THE FORM OF A LIQUID TO BE USED AS A GUM SOLVENT IN WASHING OUT ENGINES.
Claims use since Feb. 3, 1939.

Reg. No. 397,571. Registered Sept. 8, 1942. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

PETROPON

FOR HYDROCARBON POLYMERS FOR USE IN THE INDUSTRIAL ARTS.
Claims use since on or about Apr. 24, 1942.

Reg. No. 398,075. Registered Oct. 6, 1942. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

D.P.SOLUTION

The word "Solution" is disclaimed.
FOR CHEMICAL ADJUVANTS FOR LACQUERS, SHELLACS, NITROCELLULOSE SOLUTIONS, AND OTHER COATING COMPOSITIONS, PARTICULARLY ADJUVANTS FOR PREVENTING DETERIORATION OF SUCH COATING COMPOSITIONS ON STANDING.
Claims use since about May 6, 1942.

Reg. No. 398,170. Registered Oct. 13, 1942. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

ORSO

FOR FROTHING AND COLLECTING REAGENT COMPRISING ALKALI METAL LINOLEATE AND OLEATE FOR ORE FLOTATION PROCESSING.
Claims use since Apr. 17, 1942.

Reg. No. 412,008. Registered Feb. 13, 1945. JOHN L. PRIESS, Chicago, Ill. Republished by Grand Products Company, Chicago, Ill., a corporation of Illinois.

Creation

FOR DRY PERFUME.
Claims use since Mar. 10, 1939.

Reg. No. 414,148. Registered May 29, 1945. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

Ivory

FOR SAPONACEOUS TOOTHPASTE.
Claims use since May 11, 1944.

Reg. No. 414,768. Registered June 26, 1945. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

RESLOOM

FOR SYNTHETIC RESINS IN SOLUTION FORM FOR USE IN TREATING TEXTILES TO IMPROVE OR MODIFY THE CHARACTERISTICS THEREOF, INCLUDING IMPROVING THE APPEARANCE AND FEEL AND INCREASING THE RESISTANCE TO DETERIORATION, WEAR AND SHRINKAGE.
Claims use since about July 24, 1944.

Reg. No. 414,769. Registered June 26, 1945. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SYTON

FOR COLLOIDAL OR TRUE SOLUTIONS OF CHEMICAL SUBSTANCES FOR USE IN TREATING TEXTILES TO IMPROVE OR MODIFY THE CHARACTERISTICS THEREOF, INCLUDING IMPROVING TENSILE STRENGTH OF FIBERS AND RESISTANCE OF FIBERS TO SLIPPAGE.
Claims use since about June 21, 1944.

Reg. No. 415,332. Registered Aug. 7, 1945. HOSPITAL LIQUIDS, INC., Chicago, Ill., a corporation of Delaware. Republished by registrant.

DEXPLEX

FOR SOLUTION FOR PARENTERAL ADMINISTRATION, CONTAINING DEXTROSE 5% WITH THIAMINE HYDROCHLORIDE, RIBOFLAVIN AND NICOTINAMIDE IN ISOTONIC SODIUM CHLORIDE SOLUTION.
Claims use since Nov. 10, 1942.

Reg. No. 415,693. Registered Aug. 14, 1945. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SANTOWHITE

FOR CHEMICAL ADJUVANTS USED IN RUBBER PARTICULARLY FOR THE PRESERVATION OF RUBBER WHETHER NATURAL OR SYNTHETIC.
Claims use since on or about Oct. 17, 1944.

Reg. No. 416,293. Registered Sept. 4, 1945. ELGIN SOFTENER CORPORATION, Elgin, Ill., a corporation of Illinois. Republished by registrant.

ELCARB

FOR ION EXCHANGING MATERIALS SUITABLE FOR USE AS WATER SOFTENING AGENTS.
Claims use since Feb. 15, 1940.

Reg. No. 416,294. Registered Sept. 4, 1945. ELGIN SOFTENER CORPORATION, Elgin, Ill., a corporation of Illinois. Republished by registrant.

REZEX

FOR ION EXCHANGING MATERIALS SUITABLE FOR USE AS WATER SOFTENING AGENTS.
Claims use since Jan. 2, 1945.

Reg. No. 416,321. Registered Sept. 4, 1945. JOHN L. PRIESS, Chicago, Ill. Republished by Grand Products Company, Chicago, Ill., a corporation of Illinois.

MADCAP

FOR PERFUME, COLOGNE, TOILET WATER, FACE POWDER, ROUGE, AND NAIL POLISH.
Claims use since July 5, 1941.

Reg. No. 416,700. Registered Sept. 25, 1945. EUGENE, LTD., Brooklyn, N. Y., a corporation of New York. Republished by registrant.

radar

FOR PERMANENT WAVING SOLUTIONS AND HAIR DRYING SOLUTIONS.
Claims use since Jan. 26, 1945.

Reg. No. 417,434. Registered Oct. 30, 1945. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

Prell

FOR SHAMPOO.
Claims use since Sept. 20, 1944.

Reg. No. 417,448. Registered Oct. 30, 1945. E. S. MILLER LABORATORIES, INC., Los Angeles, Calif., a corporation of California. Republished by registrant.

GONADO-TRONE

The word "Gonado" is disclaimed.
FOR PITUITARY PREPARATION.
Claims use since Dec. 13, 1944.

Reg. No. 417,465. Registered Oct. 30, 1945. JOHN L. PRIESS, Chicago, Ill. Republished by Grand Products Company, Chicago, Ill., a corporation of Illinois.

CALIPH

FOR PERFUME, COLOGNE, TOILET WATER, FACE POWDER, ROUGE, AND NAIL POLISH.
Claims use since July 5, 1941.

Reg. No. 418,861. Registered Jan. 15, 1946. WALKER VITAMIN PRODUCTS, INC., Mount Vernon, N. Y., a corporation of New York. Republished by registrant.

FEOPLEX

FOR CAPSULES CONTAINING FERROUS SULFATE EXSICCATE WITH ADDED VITAMINS FROM THE B COMPLEX GROUP.
Claims use since Aug. 3, 1943.

Reg. No. 419,472. Registered Feb. 19, 1946. ELGIN SOFTENER CORPORATION, Elgin, Ill., a corporation of Illinois. Republished by registrant.

ELCONITE

FOR ION EXCHANGING MATERIALS SUITABLE FOR USE AS WATER SOFTENING AGENTS.
Claims use since on or about Nov. 1, 1934.

Reg. No. 421,604. Registered June 4, 1946. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

Gauntlet

FOR COSMETIC CREAM.
Claims use since Oct. 22, 1945.

Reg. No. 421,941. Registered June 25, 1946. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

velvet skin

FOR LOTION CREAM.
Claims use since Oct. 13, 1944.

Reg. No. 422,569. Registered July 30, 1946. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

AJAX JUNIOR

FOR STERILIZER AND DEODORANT IN POWDERED FORM HAVING INCIDENTAL CLEANING PROPERTIES.
Claims use since June 9, 1936.

Reg. No. 423,713. Registered Sept. 10, 1946. CONSOLIDATED COSMETICS, Chicago, Ill., a firm. Republished by registrant.

MING TOY

FOR PERFUME, LIPSTICK, FACE POWDER, BRILLIANTINE, AND HAND LOTION.
Claims use since June 8, 1945.

Reg. No. 425,674. Registered Nov. 26, 1946. VELSICOL CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

VELSICOL

FOR INSECTICIDES AND FUNGICIDES.
Claims use since September 1940.

Reg. No. 425,675. Registered Nov. 26, 1946. VELSICOL CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

1068

FOR INSECTICIDES AND FUNGICIDES.
Claims use since Feb. 11, 1946.

Reg. No. 425,676. Registered Nov. 26, 1946. VELSICOL CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

VELSICOL

FOR INSECTICIDES AND FUNGICIDES.
Claims use since September 1940.

Reg. No. 426,267. Registered Dec. 24, 1946. GENERAL ANILINE & FILM CORPORATION, New York, N. Y., a corporation of Delaware. Republished by registrant.

DICOLAMINE

FOR CHEMICALS AND PREPARATIONS AND COMPOUNDS THEREOF USED IN PHOTOGRAPHIC PROCESSES, PARTICULARLY PHOTOGRAPHIC DEVELOPERS.
Claims use since Aug. 9, 1945.

Reg. No. 428,774. Registered Apr. 1, 1947. FLOWER FOODS, INC., Maywood, Ill., a corporation of Illinois. Republished by registrant.

FLOWERMASTER

FOR COMPOSITION CONTAINING CHEMICAL INGREDIENTS FOR STRENGTHENING, FEEDING, AND PROMOTING THE DEVELOPMENT OF CUT PLANTS AND FLOWERS.
Claims use since Feb. 1, 1939.

Reg. No. 430,377. Registered June 10, 1947. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

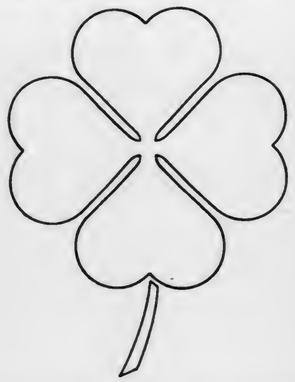
1080

FOR CHEMICAL PRODUCTS FOR USE AS RODENTICIDES AND INSECTIVORICIDES.
Claims use since about Jan. 10, 1945.

CLASS 7

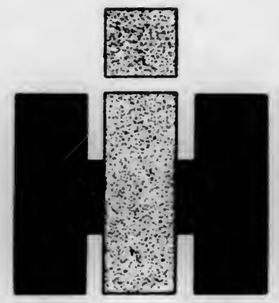
CORDAGE

Reg. No. 394,286. Registered Mar. 31, 1942. TUBBS CORDAGE COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.



FOR MANILA, SISAL, AND COTTON ROPE, AND CORDAGE AND TWINE—NAMELY, BINDER TWINE MADE OF COTTON, HEMP, FLAX, JUTE, LINEN, SISAL AND MANILA, AND COMBINATIONS THEREOF.
Claims use since 1923.

Reg. No. 416,823. Registered Oct. 2, 1945. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill., a corporation of New Jersey. Republished by registrant.



FOR TWINE.
Claims use since on or about Sept. 25, 1944.

Reg. No. 421,218. Registered May 21, 1946. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

BEMIS

FOR TWINE.
Claims use since Aug. 2, 1922.

Reg. No. 426,186. Registered Dec. 17, 1946. TUBBS CORDAGE COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.

PACORD

FOR PAPER COVERED TWINE.
Claims use since Dec. 1, 1926.

Reg. No. 426,536. Registered Dec. 31, 1946. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

Mainstay

FOR TWINE.
Claims use since Aug. 2, 1922.

CLASS 8

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS

Reg. No. 372,727. Registered Nov. 14, 1939. LONDON HOUSE, LTD., New York, N. Y. Republished by John Hudson Moore, Inc., New York, N. Y., a corporation of New York.

JOHN BULL

FOR SMOKER'S PIPES.
Claims use since July 19, 1938.

CLASS 10

FERTILIZERS

Reg. No. 377,194. Registered Apr. 23, 1940. SYNTHETIC NITROGEN PRODUCTS CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.

Cal-Nitro

FOR FERTILIZERS.
Claims use since Nov. 15, 1928.

Reg. No. 377,212. Registered Apr. 23, 1940. SYNTHETIC NITROGEN PRODUCTS CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.

CALNITRO

FOR FERTILIZER.
Claims use since Nov. 15, 1928.

Reg. No. 415,392. Registered Aug. 7, 1945. POTASH COMPANY OF AMERICA, Atlanta, Ga., New York, N. Y., and Carlsbad, N. Mex., a corporation of Colorado. Republished by registrant, present location New York, N. Y.



The words "Red Muriate" and "Salt" are disclaimed.
FOR MURIATE OF POTASH.
Claims use since on or about Oct. 15, 1937.

CLASS 11

INKS AND INKING MATERIALS

Reg. No. 421,733. Registered June 18, 1946. THE PARKER PEN COMPANY, Janesville, Wis., a corporation of Wisconsin. Republished by registrant.

SOLV-X

FOR WATER SOLUBLE ORGANIC SOLVENT USED AS AN INGREDIENT FOR INK.
Claims use since July 11, 1942.

Reg. No. 425,730. Registered Dec. 3, 1946. THE PARKER PEN COMPANY, Janesville, Wis., a corporation of Wisconsin. Republished by registrant.

Parker "51"

FOR WRITING INK.
Claims use since Aug. 29, 1940.

CLASS 12

CONSTRUCTION MATERIALS

Reg. No. 402,280. Registered July 13, 1943. M. H. DETRICK COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

DETRED

FOR REFRACTORY BLOCKS AND TILE EMPLOYED FOR THE CONSTRUCTION OF WALLS AND ARCHES, METAL MASONRY HOLDING AND SUPPORTING LUGS, AND FRAMES THEREFOR, AND HEAT INSULATION FOR SAID WALLS AND ARCHES.
Claims use since Nov. 16, 1942.

Reg. No. 422,643. Registered Aug. 6, 1946. ARVEY CORPORATION, Chicago, Ill., and Detroit, Mich., a corporation of Illinois. Republished by registrant, present location Chicago, Ill.



FOR COATED AND UNCOATED FIBRE BASE COMPOSITION BOARDS AND PANELS.
Claims use since Jan. 1, 1930.

Reg. No. 424,627. Registered Oct. 15, 1946. ARMSTRONG CORK COMPANY, Manheim Township, Lancaster County, Pa., a corporation of Pennsylvania. Republished by registrant.

LK

FOR CORKBOARD INSULATION.
Claims use since on or about February 1931.

Reg. No. 425,811. Registered Dec. 3, 1946. KINKEAD INDUSTRIES INCORPORATED, Chicago, Ill., a corporation of Illinois. Republished by registrant.

kintrim

FOR METAL AND PLASTIC MOULDINGS FOR USE AS CONSTRUCTION MATERIAL.
Claims use since Oct. 15, 1945.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Reg. No. 363,056. Registered Dec. 13, 1938. COLUMBIAN ENAMELING & STAMPING CO., INC., Terre Haute, Ind., a corporation of Indiana. Republished by registrant.



The words "Made" and "Terre Haute, Indiana" are disclaimed. The drawing is lined for red and blue.
FOR ENAMELED WARE—NAMELY, REFRIGERATOR PANS, BASKET COOKERS, VEGETABLE COOKERS, MACARONI COOKERS, DISH PANS, CEREAL COOKERS, BROWNING PANS, OPEN SAUCE PANS, COVERED SAUCE PANS, COVERED CASSEROLES AND ROASTERS.
Claims use since June 25, 1937.

Reg. No. 389,070. Registered July 22, 1941. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant.

TEM-CLIPS

The word "Clips" is disclaimed.
FOR METAL CLIPS FOR THE ERECTION OF INSULATING FIBREBOARD.
Claims use since Jan. 21, 1939.

Reg. No. 399,805. Registered Feb. 2, 1943. HILL-SHAW COMPANY, Chicago, Ill. Republished by Hill-Shaw Company, Chicago, Ill., a corporation of Delaware.

Kitchen Kween

FOR GLASS COFFEE BREWERS.
Claims use since May 1, 1941.

Reg. No. 416,840. Registered Oct. 2, 1945. FEDERAL ELECTRIC COMPANY, INC., Chicago, Ill., a corporation of New York. Republished by registrant.

FEDELCO FEDRALITE

FOR PLASTIC PIPE AND TUBING.
Claims use since Oct. 15, 1944.

Reg. No. 417,470. Registered Oct. 30, 1945. HILL-SHAW COMPANY, Chicago, Ill. Republished by Hill-Shaw Company, Chicago, Ill., a corporation of Delaware.

Vaculator

FOR FILTERS OF CLOTH AND CLOTH FILTER HOLDERS AND FILTERS MADE OF PORCELAIN FOR GLASS COFFEE BREWERS.
Claims use since about September 1930 on cloth filters and cloth filter holders; since about March 1939 on filters made of porcelain.

Reg. No. 424,430. Registered Oct. 8, 1946. MADSEN IRON WORKS, Huntington Park, Calif., a limited partnership. Republished by registrant.

Royal Crown

FOR SELF-ALIGNING PUMP VALVES AND PARTS THEREOF—NAMELY, CAGE, VALVE, AND SEAT, GENERALLY USED IN POWER DRIVEN PUMPS.
Claims use since February 1944.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Reg. No. 293,368. Registered Apr. 19, 1932. BURGESS-PARR COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant, present location Freeport, Ill.

ILLIUM

FOR METAL ALLOY CASTINGS.
Claims use since Dec. 9, 1931.

Reg. No. 411,515. Registered Feb. 6, 1945. AMPCO METAL, INC., Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

AMPCO-TRODE

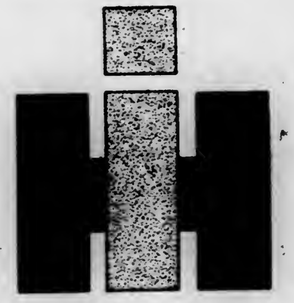
FOR METALLIC WELDING RODS AND ARC WELDING ELECTRODES.
Claims use since March 15, 1941.

Reg. No. 415,617. Registered Aug. 14, 1945. AMPCO METAL, INC., Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

AMPCOLOY

FOR INGOTS, CASTINGS, FORGINGS, AND UNFINISHED MACHINE PARTS OF ALLOY BRONZE.
Claims use since about June 15, 1938.

Reg. No. 420,804. Registered May 7, 1946. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill., a corporation of New Jersey. Republished by registrant.



FOR FERROUS CASTINGS AND FORGINGS.
Claims use since on or about Aug. 9, 1944.

Reg. No. 423,957. Registered Sept. 17, 1946. AMPCO METAL, INC., Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

AMPCO

FOR WROUGHT BRONZE SHAPES; FORGINGS; INGOTS; CASTINGS; ROLLED AND EXTRUDED BAR STOCK; AND UNFINISHED MACHINE PARTS—NAMELY, WEAR RESISTANT MACHINE ELEMENTS, CORROSION RESISTANT MACHINE ELEMENTS, AND ELECTRICALLY CONDUCTIVE MACHINE ELEMENTS.
Claims use since June 2, 1914, on some items; and since May 1, 1939, on others.

Reg. No. 425,701. Registered Dec. 3, 1946. THE ELECTRIC RAILWAY IMPROVEMENT COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

CADWELD

FOR METALS, METAL COMPOUNDS AND ALLOYS FOR USE IN THE PRODUCTION OF METAL BY EXOTHERMIC REACTION AND IN THE PROCESS OF WELDING METALS.
Claims use since Feb. 7, 1940.

CLASS 15

OILS AND GREASES

Reg. No. 351,743. Registered Nov. 9, 1937. CANDY & COMPANY, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.

CANDI-LITE

The word "Lite" is disclaimed.
FOR CANDLES.
Claims use since Mar. 1, 1935.

Reg. No. 384,121. Registered Jan. 7, 1941. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

PENN-TONE

The word "Penn" is disclaimed.
FOR LUBRICATING OILS.
Claims use since on or about Oct. 1, 1931.

Reg. No. 384,417. Registered Jan. 21, 1941. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

PURE-PEP

The word "Pure" is disclaimed.
FOR MOTOR FUEL OILS.
Claims use since on or about July 1, 1939.

Reg. No. 403,920. Registered Oct. 26, 1943. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

650-Z

The numeral "650" is disclaimed.
FOR LUBRICATING OIL.
Claims use since on or about Jan. 1, 1923.

Reg. No. 404,975. Registered Jan. 4, 1944. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

DARK PURO VALVE

The words "Dark" and "Valve" are disclaimed.
FOR LUBRICATING OIL.
Claims use since on or about Nov. 1, 1926.

Reg. No. 425,399. Registered Nov. 19, 1946. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

MEDAL VALVE

The word "Valve" is disclaimed.
FOR LUBRICATING OILS.
Claims use since on or about Nov. 1, 1926.

CLASS 16

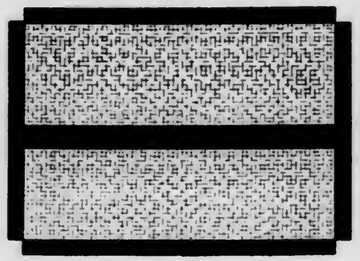
PAINTS AND PAINTERS' MATERIALS

Reg. No. 277,758. Registered Nov. 25, 1930. AMERICAN MINERAL SPIRITS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

TEXTILE

FOR NAPHTHA OF A COMPARATIVELY HIGH BAUMÉ GRAVITY FOR USE AS A DILUENT AND CARRYING VEHICLE IN THE MANUFACTURE OF LACQUERS AND AS A PARTIAL SUBSTITUTE FOR BENZOL (A COAL TAR PRODUCT) IN THE MANUFACTURE OF LACQUERS.
Claims use since April 1928.

Reg. No. 333,368. Registered Mar. 17, 1936. S. C. JOHNSON & SON, Racine, Wis. Republished by S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin.



The mark is lined for the color yellow.
FOR WAX FOR COATING AND POLISHING WOOD, METAL, AND OTHER SURFACES.
Claims use since Jan. 21, 1931.

Reg. No. 419,164. Registered Feb. 5, 1946. MONSANTO CHEMICAL COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

SKYLAC

FOR SYNTHETIC RESIN COATING COMPOSITIONS IN THE NATURE OF LACQUERS AND ENAMELS FOR THE TREATMENT OF METAL AND WOOD SURFACES, AND TEXTILES INCLUDING THE INTERIOR AND EXTERIOR SURFACES OF AIRCRAFT AND OTHER VEHICLES.
Claims use since about May 11, 1945.

Reg. No. 419,998. Registered Mar. 19, 1946. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

MISTO SUB-SEAL

The word "Sub-Seal" is disclaimed.
FOR PENETRATING FLOOR VARNISH CONTAINING GUMS, ROSINS, AND OILS.
Claims use since Mar. 15, 1936.

Reg. No. 424,340. Registered Oct. 1, 1946. FEDERAL ELECTRIC COMPANY, INC. OF TEXAS, Chicago, Ill., a corporation of Texas. Republished by registrant.

Fedelco

FOR LIQUID PLASTIC SURFACING MATERIAL IN THE NATURE OF A LIQUID PLASTIC COATING FOR USE AS A PROTECTIVE COVERING AND AS A RESISTOR TO CORROSION WHICH MAY BE APPLIED BY BRUSHING OR SPRAYING.
Claims use since July 10, 1945.

CLASS 19

VEHICLES

Reg. No. 169,994. Registered July 10, 1923. COLBY STEEL AND ENGINEERING CO., Seattle, Wash. Republished by Colby Steel and Engineering Co., Seattle Wash., a corporation of Washington.

MODERN-METHOD

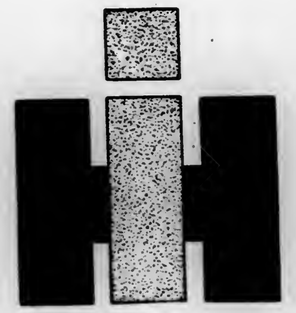
FOR INDUSTRIAL TRUCKS AND TRAILERS OF THE CLASS USED AROUND WAREHOUSES, ETC., AND ARE ADAPTED FOR BEING DRAWN BY HAND OR BEHIND SMALL INDUSTRIAL TRACTORS.
Claims use since Nov. 20, 1920.

Reg. No. 385,817. Registered Mar. 18, 1941. LINCOLN ENGINEERING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

SERVMOBILE

FOR UTILITY HAND CART.
Claims use since Sept. 10, 1940.

Reg. No. 428,377. Registered Mar. 25, 1947. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill., a corporation of New Jersey. Republished by registrant.



FOR AUTOMOTIVE TRUCKS, FARM WAGONS, TRACTOR TRAILERS, AND STRUCTURAL PARTS THEREOF.
Claims use since on or about Aug. 28, 1944.

Reg. No. 429,596. Registered May 6, 1947. THE FLOUR CITY ORNAMENTAL IRON COMPANY, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

AlumaCraft

The word "Craft" is disclaimed.
FOR BOATS—NAMELY, SMALL PLEASURE CRAFT INCLUDING ROW BOATS; AND OARS.
Claims use since Apr. 12, 1946.

Reg. No. 430,305. Registered June 10, 1947. COMET MANUFACTURING CO., INC., Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

COMET

FOR MOTOR SCOOTERS.
Claims use since May 17, 1946.

CLASS 20

LINOLEUM AND OILED CLOTH

Reg. No. 414,804. Registered June 26, 1945. ARMSTRONG CORK COMPANY, Manheim Township, Lancaster County, Pa., a corporation of Pennsylvania. Republished by registrant.

Quaker

FOR DECORATED HARD SURFACE FLOOR AND WALL COVERINGS OF THE FELT BASE TYPE.
Claims use since Mar. 17, 1927, for floor coverings of the felt base type; and since Jan. 3, 1945, for wall coverings of the felt base type.

Reg. No. 430,803. Registered June 24, 1947. ARMSTRONG CORK COMPANY, Manheim Township, Lancaster County, Pa., a corporation of Pennsylvania. Republished by registrant.

Corlon

FOR HARD SURFACED FLOOR COVERING HAVING A SYNTHETIC RESINOUS BINDER.
Claims use since June 21, 1946.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Reg. No. 243,032. Registered June 12, 1928. POWER-PLUS BATTERY COMPANY, St. Louis, Mo., a partnership. Republished by registrant.

POWER-PLUS

The word "Power" is disclaimed.
FOR ELECTRIC STORAGE BATTERIES.
Claims use since about June 20, 1920.

Reg. No. 267,132. Registered Feb. 11, 1930. THE AUTOCALL COMPANY, Shelby, Ohio, a corporation of Ohio. Republished by registrant.

"Xylotone"

FOR APPARATUS AND EQUIPMENT FOR USE IN PAGING SERVICE, SUCH APPARATUS AND EQUIPMENT CONSISTING OF ELECTRICALLY OPERATED OR CONTROLLED BELLS, GONGS AND BUZZERS AND COMPONENTS OF APPARATUS AS AFORESAID.
Claims use since Aug. 27, 1929.

Reg. No. 352,394. Registered Nov. 30, 1937. THE EDWIN F. GUTH COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

OPTILUX

FOR ELECTRIC LIGHTING FIXTURES FOR HOUSEHOLD AND COMMERCIAL INSTALLATIONS.
Claims use since May 26, 1937.

Reg. No. 362,223. Registered Nov. 15, 1938. THE EDWIN F. GUTH COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

Excelux

FOR ELECTRIC LIGHTING FIXTURES FOR HOUSEHOLD AND COMMERCIAL INSTALLATIONS.
Claims use since Mar. 30, 1938.

Reg. No. 373,583. Registered Dec. 12, 1939. DYNAMATIC CORPORATION, Kenosha, Wis., a corporation of Delaware. Republished by registrant.

AJUSTO-SPEDE

The word "Spede" is disclaimed.
FOR ELECTRIC MOTOR-CLUTCHES, INCLUDING MOTORS AND CONTROLS THEREFOR.
Claims use since May 10, 1939.

Reg. No. 382,463. Registered Oct. 29, 1940. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant, present location Manheim Township, Lancaster County, Pa.

A

FOR ELECTRICAL INSULATORS OF GLASS.
Claims use since Feb. 22, 1940.

Reg. No. 407,485. Registered June 6, 1944. THE EDWIN F. GUTH COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

LIGHTRONICS

FOR ELECTRIC LIGHTING FIXTURES FOR FLUORESCENT LAMPS.
Claims use since Nov. 8, 1943.

Reg. No. 409,713. Registered Oct. 17, 1944. DYNAMATIC CORPORATION, Kenosha, Wis., a corporation of Delaware. Republished by registrant.

DYNASPEDE

FOR ELECTRIC DRIVES EACH COMPOSED OF AN ELECTRIC MOTOR, AN EDDY-CURRENT SLIP COUPLING DRIVEN THEREBY AND AN ELECTRONIC CONTROL FOR CONTROLLING THE SLIP SPEED OF THE COUPLING.
Claims use since Apr. 11, 1944.

Reg. No. 412,044. Registered Feb. 13, 1945. SMALL MOTORS, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.

BANTAM

FOR ELECTRICALLY OPERATED MOTORS HAVING ATTACHMENTS FOR GRINDING, POLISHING, CARVING, OR DRILLING.
Claims use since May 10, 1941.

Reg. No. 416,009. Registered Aug. 21, 1945. HILL-SHAW COMPANY, Chicago, Ill. Republished by Hill-Shaw Company, Chicago, Ill., a corporation of Delaware.

Vaculator

FOR ELECTRIC HOT PLATES OR STOVES USED PRIMARILY FOR BREWING COFFEE IN HOMES, RESTAURANTS, LUNCH ROOMS AND HOTELS.
Claims use since about 1932.

Reg. No. 419,309. Registered Feb. 12, 1946. DYNAMATIC CORPORATION, Kenosha, Wis., a corporation of Delaware. Republished by registrant.

DYNAMATIC

FOR ELECTRO-MAGNETIC CLUTCHES OR COUPLINGS FOR USE AS ELECTRIC VARIABLE-SPEED POWER-TRANSMISSIONS ON POWER BOATS AND IN INDUSTRIAL MACHINERY—NAMELY, COMPRESSORS, REFRIGERATORS; AND FANS; ELECTRIC CLUTCHES; ELECTRIC BRAKES; AND VOLTAGE CONTROLS.
Claims use since July 18, 1939 on electro-magnetic clutches or couplings for use as electric variable speed power-transmissions on power boats; and since other dates on the other items.

Reg. No. 426,445. Registered Dec. 24, 1946. BREUER ELECTRIC MFG. CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

TORNADO

FOR ELECTRIC MARKERS AND ETCHERS FOR CUTTING OR ETCHING INDICIA ON GLASS, METAL, WOOD, PORCELAIN OR PLASTICS.
Claims use since January 1942.

Reg. No. 426,446. Registered Dec. 24, 1946. BREUER ELECTRIC MFG. CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

TORNADO

FOR ELECTRIC DUST COLLECTORS FOR WOOD WORKING MACHINES.
Claims use since April 1937.

Reg. No. 426,942. Registered Jan. 21, 1947. AMPCO METAL, INC., Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

AMPCO

FOR ELECTRIC TERMINALS AND CONTACTS; ELECTRIC TROLLEY SHOES; ELECTRIC SWITCH CONTACTS; ELECTRIC RESISTANCE AND FLASH WELDING ELECTRODES; AND ELECTRODE HOLDERS.
Claims use since prior to February 1919.

Reg. No. 428,384. Registered Mar. 25, 1947. AMPCO METAL, INC., Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

AMPCOLOY

FOR ELECTRIC TERMINALS AND CONTACTS OTHER THAN THOSE USED IN ELECTRICAL STARTING, IGNITION AND LIGHTING SYSTEMS FOR INTERNAL COMBUSTION ENGINES, TROLLEY SHOES, SWITCH CONTACTS OTHER THAN THOSE USED IN ELECTRICAL STARTING, IGNITION AND LIGHTING SYSTEMS FOR INTERNAL COMBUSTION ENGINES, ELECTRIC RESISTANCE AND FLASH WELDING ELECTRODES, AND ELECTRODE HOLDERS.
Claims use since May 1938.

Reg. No. 429,008. Registered Apr. 15, 1947. THE BROWN-BROCKMEYER COMPANY, Dayton, Ohio, a corporation of Ohio. Republished by registrant.

POWER POISE

The word "Power" is disclaimed.
FOR ELECTRICAL MOTORS.
Claims use since Dec. 1, 1945.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Reg. No. 50,916. Registered Apr. 3, 1906. THE HORTON MANUFACTURING COMPANY, Bristol, Conn., a corporation of Connecticut. Republished by registrant.

BRISTOL

FOR STEEL FISHING-RODS.
Claims use since 1889.

Reg. No. 117,560. Registered July 17, 1917. THE HORTON MANUFACTURING COMPANY, Bristol, Conn., a corporation of Connecticut. Republished by registrant.

MEEK

FOR REELS FOR FISHING-RODS.
Claims use since Mar. 10, 1883.

Reg. No. 426,581. Registered Dec. 31, 1946. KRUSE & CONNOR, Chicago, Ill., a firm. Republished by registrant.

THE BIG ROCK

FOR COIN CONTROLLED AMUSEMENT GAME APPARATUS.
Claims use since June 15, 1946.

Reg. No. 428,558. Registered Mar. 25, 1947. CINDERELLA MANUFACTURING COMPANY, Jackson, Mich., a corporation of Michigan. Republished by registrant.

TECH

FOR TOY CONSTRUCTING AND ERECTING SETS.
Claims use since Aug. 23, 1946.

Reg. No. 428,917. Registered Apr. 8, 1947. HENRY HOTZE & SONS COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

JAY-KAY

FOR GOLF BAGS.
Claims use since 1933.

Reg. No. 430,723. Registered June 24, 1947. THE WORTHINGTON BALL COMPANY, Elyria, Ohio, a corporation of Ohio. Republished by registrant.

ATOMIC

FOR GOLF BALLS.
Claims use since Aug. 7, 1945.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Reg. No. 177,012. Registered Dec. 11, 1923. COLBY STEEL AND ENGINEERING CO., Seattle, Wash. Republished by Colby Steel and Engineering Co., Seattle, Wash., a corporation of Washington.

MODERN-METHOD

FOR CRANES.
Claims use since Nov. 20, 1920.

Reg. No. 359,028. Registered Aug. 2, 1938. ARTOS ENGINEERING COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

ARTOS

FOR MACHINES FOR LABELING, MARKING, FEEDING, CUTTING, STRIPPING, FOLDING, STRAIGHTENING, BENDING, COILING, AND/OR TIPPING MATERIALS HAVING ELONGATED SHAPE SUCH AS WIRE, CABLE, CORD, GIMP, BRAID, BARS, STRIPS, TUBING, BANDS, STRAPS, TAPE, WELTING OR THE LIKE, AND FORMED OF SUBSTANCES SUCH AS METAL, WOOD, PAPER, CLOTH, INSULATION, RUBBER, LEATHER, GAUZE, LACE, CELLULOSE, OR THE LIKE.
Claims use since May 1911.

Reg. No. 362,757. Registered Nov. 29, 1938. ARMSTRONG CORK PRODUCTS COMPANY, Lancaster, Pa. Republished by Armstrong Cork Company, Manheim Township, Lancaster County, Pa., a corporation of Pennsylvania.

Accotex

FOR FINISHED AND SUBSTANTIALLY FINISHED ROLLS, ROLL COVERS, COTS AND TUBING FOR TEXTILE MILL USAGE.
Claims use since about Apr. 30, 1937.

Reg. No. 375,746. Registered Feb. 27, 1940. PRESSURE-LUBE, INC., New York, N. Y., a corporation of Delaware. Republished by registrant.



FOR PORTABLE GREASE GUNS.
Claims use since Sept. 7, 1939.

Reg. No. 380,040. Registered Aug. 6, 1940. AUTOMATIC PRODUCTS COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.



FOR FUEL OIL PUMPS FOR BURNERS.
Claims use since Oct. 6, 1931.

Reg. No. 382,468. Registered Oct. 29, 1940. THE HEALD MACHINE COMPANY, Worcester, Mass., a corporation of Massachusetts. Republished by registrant.



FOR PRECISION BORING MACHINES, PRECISION GRINDING MACHINES, PRECISION TURNING MACHINES, MACHINES FOR PRODUCING FLAT SURFACES AT RIGHT ANGLES TO THE AXIS OF ROTATION OF ROTATING WORK, BORING HEADS, HEADS FOR ROTATABLY SUPPORTING INTERNAL GRINDING WHEELS AND PRECISION BEARINGS.
Claims use since May 28, 1920.

Reg. No. 388,082. Registered June 10, 1941. E. C. ATKINS AND COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.

A-MOL

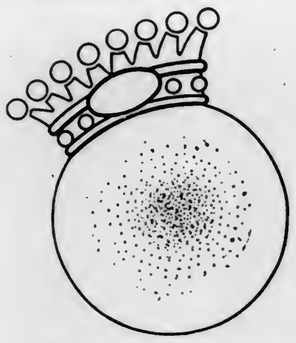
FOR HACK SAW BLADES.
Claims use since May 20, 1937.

Reg. No. 398,379. Registered Oct. 27, 1942. THE AMERICAN FORK & HOE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

Briar Edge

FOR HAND AGRICULTURAL IMPLEMENTS AND HAND TOOLS, VIZ. HEDGE SHEARS, GRASS SHEARS, PRUNING SHEARS, SHOVELS, SPADES, SCOOPS, FORKS, HOES, RAKES, POST HOLE DIGGERS, AND WEED CUTTERS.
Claims use since on or about September 1921.

Reg. No. 399,344. Registered Dec. 29, 1942. NATIONAL DIE CASTING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



FOR FRUIT JUICE EXTRACTORS FOR EXTRACTING JUICES FROM FRUITS SUCH AS ORANGES, LEMONS, GRAPEFRUIT, AND THE LIKE.
Claims use since Nov. 3, 1939.

Reg. No. 402,319. Registered July 13, 1943. FOSTER MACHINE COMPANY, Westfield, Mass., a corporation of Massachusetts. Republished by registrant.

FOSTER

FOR DOUBLERS, CHEESE WINDERS, MAGAZINE CREELS, TENSION, SLUB CATCHING, WAXING, YARN CONDITIONING, GEAR GAINER, KNOT CATCHING, AND PINEAPPLE ATTACHMENTS FOR WINDING MACHINES, CONES, SPOOLER GUIDES, YARN GUIDES AND OTHER PARTS FOR SAID WINDERS, DOUBLERS, CREELS, MACHINES, AND ATTACHMENTS.
Claims use since Jan. 31, 1891.

Reg. No. 402,980. Registered Aug. 24, 1943. LINCOLN ENGINEERING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

BULLNECK

FOR LUBRICANT FITTINGS TO BE ATTACHED TO APPARATUS TO BE LUBRICATED.
Claims use since Apr. 10, 1943.

Reg. No. 409,831. Registered Oct. 24, 1944. THE AMERICAN FORK & HOE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

BLACK RAVEN

FOR AXES, HAMMERS, HATCHETS, ADZES, BROAD-AXES, FORKS, HOES, RAKES, BUSH-HOOKS, WEEDERS, TROWELS, CULTIVATORS, SIDE-WALK SCRAPERS, EYE-HOES, SHOVELS, GRASS HOOKS, SCYTHES, CORN HOOKS, MATTOCKS, AND SPADES.
Claims use since on or about January 1915.

Reg. No. 416,952. Registered Oct. 9, 1945. E. C. ATKINS AND COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.



The words "Trade Mark Reg. U. S. Pat. Off." and the representation of the saw are disclaimed.
FOR SAWS OF ALL KINDS, TROWELS OF ALL KINDS, CORN KNIVES, HEDGE KNIVES, CANE KNIVES, AND DITCH BANK KNIVES.
Claims use since June 29, 1944.

Reg. No. 416,953. Registered Oct. 9, 1945. E. C. ATKINS AND COMPANY, Indianapolis, Ind., a corporation of Indiana. Republished by registrant.



The representation of the saw and the words "Trade-Mark Reg. U. S. Pat. Off." are disclaimed.
FOR SAWS OF ALL KINDS, TROWELS OF ALL KINDS, CORN KNIVES, HEDGE KNIVES, CANE KNIVES, AND DITCH BANK KNIVES.
Claims use since June 29, 1944.

Reg. No. 419,310. Registered Feb. 12, 1946. DYNAMATIC CORPORATION, Kenosha, Wis., a corporation of Delaware. Republished by registrant.

DYNAMATIC

FOR VALVES—TO WIT, OVERRUNNING POWER-TRANSMISSION CLUTCHES.
Claims use since March 1938.

Reg. No. 422,679. Registered Aug. 6, 1946. SUPERIOR SEPARATOR COMPANY, Minneapolis, Minn., a corporation of Delaware. Republished by registrant.

HYDRAULIC FARM HAND

The words "Hydraulic" and "Farm" are disclaimed.
FOR TRACTOR MOUNTED LOADERS AND STACKERS.
Claims use since September 1940.

Reg. No. 424,461. Registered Oct. 8, 1946. SOUTHERN SUPPLY CO., Pasadena, Calif., a firm. Republished by registrant.

CHEM-SPRAY

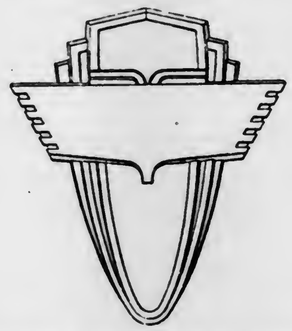
The word "Spray" is disclaimed.
FOR CLEANING GUNS FOR MIXING, ATOMIZING AND APPLYING CLEANING LIQUIDS IN THE WASHING AND CLEANING OF AIRPLANES AND AUTOMOTIVE AND SIMILAR VEHICLES.
Claims use since Aug. 12, 1939.

Reg. No. 427,446. Registered Feb. 11, 1947. ROBBINS & MYERS, INC., Springfield, Ohio, a corporation of Ohio. Republished by registrant.

MOYNO

FOR ROTARY PUMPS AND COMPRESSORS.
Claims use since on or about Sept. 1, 1937.

Reg. No. 427,552. Registered Feb. 11, 1947. LINCOLN ENGINEERING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.



FOR PORTABLE AND STATIONARY LUBRICATING APPARATUS OF AUTOMATIC, SEMI-AUTOMATIC AND MANUAL TYPES FOR MACHINERY AND AUTOMOTIVE EQUIPMENT, AND MACHINES FOR WASHING AIR FILTERS.
Claims use since Dec. 3, 1945.

CLASS 25
LOCKS AND SAFES

Reg. No. 416,623. Registered Sept. 25, 1945. MASTER LOCK COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

LITTLE GIANT

FOR PADLOCKS.
Claims use since about Feb. 1, 1932.

CLASS 26
MEASURING AND SCIENTIFIC APPLIANCES

Reg. No. 266,994. Registered Feb. 11, 1930. I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-the-Main, Germany. Republished by General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware.

Printon-

FOR PHOTOGRAPHIC FILMS.
Claims use since about Nov. 14, 1928.

Reg. No. 382,058. Registered Oct. 15, 1940. GENERAL ANILINE & FILM CORPORATION, Binghamton, N. Y., a corporation of Delaware. Republished by registrant, present location New York, N. Y.

SUPREME

FOR PHOTOGRAPHIC GOODS, PARTICULARLY LIGHT-SENSITIVE FILMS.
Claims use since Nov. 16, 1937.

Reg. No. 413,581. Registered May 1, 1945. FELT AND TARRANT MANUFACTURING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Comptometer

FOR ADDING AND CALCULATING MACHINES.
Claims use since March 1920.

Reg. No. 424,390. Registered Oct. 1, 1946. WOLLENSAK OPTICAL COMPANY, Rochester, N. Y., a corporation of New York, Republished by registrant.

RAPTAR

FOR PHOTOGRAPHIC LENSES.
Claims use since Dec. 14, 1945.

Reg. No. 424,391. Registered Oct. 1, 1946. WOLLENSAK OPTICAL COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

COLOTAR

FOR PHOTOGRAPHIC LENSES.
Claims use since Dec. 14, 1945.

Reg. No. 425,108. Registered Nov. 5, 1946. DYNAMATIC CORPORATION, Kenosha, Wis., a corporation of Delaware. Republished by registrant.

DYNAMATIC

FOR DYNAMOMETERS.
Claims use since Apr. 4, 1936.

Reg. No. 427,287. Registered Feb. 4, 1947. BEAR MANUFACTURING COMPANY, Rock Island, Ill., a corporation of Delaware. Republished by registrant.

BEAR

FOR ALINEMENT GAUGES, HEADLIGHT TESTERS, AND BRAKE TESTERS.
Claims use on alinement gauges since January 1924; on headlight testers since June 1936; and on brake testers since January 1936.

Reg. No. 427,288. Registered Feb. 4, 1947. BEAR MANUFACTURING COMPANY, Rock Island, Ill., a corporation of Delaware. Republished by registrant.



FOR ALINEMENT GAUGES, HEADLIGHT TESTERS, AND BRAKE TESTERS.
Claims use on alinement gauges since January 1924; on headlight testers since June 1936; and on brake testers since January 1936.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Reg. No. 422,690. Registered Aug. 6, 1946. CREST SPECIALTY, NOT INC., Chicago, Ill., a limited partnership. Republished by registrant.

Spiffy COLLAR "STAY-DOWN"

The words "Collar" and "Stay-Down" are disclaimed.
FOR COLLAR STAYS MADE OF SEMI-PRECIOUS METAL.
Claims use since Sept. 15, 1945.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Reg. No. 176,053. Registered Nov. 13, 1923. S. C. JOHNSON & SON, Racine, Wis. Republished by S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin.

JOHNSON'S

FOR POLISHING BRUSHES.
Claims use since about 1893.

Reg. No. 420,507. Registered Apr. 16, 1946. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

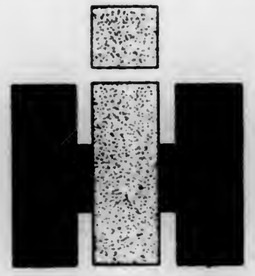
MISTO

FOR FLOOR MOPS.
Claims use since Nov. 15, 1935.

CLASS 31

FILTERS AND REFRIGERATORS

Reg. No. 416,825. Registered Oct. 2, 1945. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill., a corporation of New Jersey. Republished by registrant.



FOR MILK COOLERS, CONDENSING UNITS, WATER COOLERS, BOTTLE COOLERS, CHEST-TYPE FREEZERS, REFRIGERATORS, REFRIGERATOR UNITS, AND PARTS THEREOF.
Claims use since on or about Aug. 26, 1944.

CLASS 32

FURNITURE AND UPHOLSTERY

Reg. No. 286,715. Registered Sept. 1, 1931. THE GENERAL FIREPROOFING COMPANY, Youngstown, Ohio, a corporation of Ohio. Republished by registrant.

FOR OFFICE, STORE, HOSPITAL, AND BANK FURNITURE AS NAMED IN THE REGISTRATION.
Claims use since Apr. 29, 1931.

Reg. No. 352,408. Registered Nov. 30, 1937. KAPLAN FURNITURE COMPANY, Cambridge, Mass., a corporation of Massachusetts. Republished by registrant.

Beacon Hill Collection

The word "Collection" is disclaimed.
FOR DINING, COFFEE, END, DRUM, DROP LEAF, AND CONSOLE TABLES; DESKS, SECRETARIES, BOOK-CASES, DRESSERS, CHESTS, VANITIES, BEDS, BENCHES, NIGHT TABLES; CABINETS, CHINA CLOSETS, BREAKFRONTS, COMMODES, CORNER CABINETS, HIGHBOYS, LOWBOYS, CHESTS-ON-CHEST, BUFFETS, SERVERS, MIRRORS, SOFA AND OVERSTUFFED CLUB, DINING-ROOM, BEDROOM AND OCCASIONAL CHAIRS.
Claims use since June 2, 1937.

Reg. No. 416,124. Registered Aug. 28, 1945. ACME VISIBLE RECORDS, INC., Chicago, Ill., a corporation of Delaware. Republished by registrant.

FLEXO LINE

FOR VISIBLE RECORD CABINETS, STANDS FOR VISIBLE RECORD EQUIPMENT, AND VISIBLE RECORD BRACKETS.
Claims use since Oct. 6, 1921.

Reg. No. 418,881. Registered Jan. 15, 1946. THE GLOBE WERNICKE CO., Norwood, Ohio, a corporation of Ohio. Republished by registrant.

Globe Wernicke CINCINNATI

The name "Cincinnati" is disclaimed.
FOR WOOD DESK TRAYS, STEEL DESK TRAYS, FILING SHELVES, LEGAL BLANK CASES, SWINGING DESK SHELVES, DESK STATIONERY CABINETS, BOOK ENDS, DESKS, TABLES, CHAIRS, FILING CABINETS, CUPBOARDS, LIBRARY FURNITURE, COSTUMERS, TELEPHONE STANDS, BOOKCASES, AND PARTITION RAILINGS.
Claims use since on or about July 1, 1938.

Reg. No. 424,652. Registered Oct. 15, 1946. THE GENERAL FIREPROOFING COMPANY, Youngstown, Ohio, a corporation of Ohio. Republished by registrant.

TELEFACTS

FOR FILING CABINETS FOR STORING LETTERS, FILES AND OTHER REFERENCE PAPERS.
Claims use since July 27, 1938.

Reg. No. 427,177. Registered Jan. 28, 1947. AMBERG FILE AND INDEX COMPANY, Kankakee, Ill., a corporation of Illinois. Republished by registrant.

FILE CADDY

The word "File" is disclaimed.
FOR TRANSPORTABLE FILING CASES.
Claims use since Feb. 20, 1946.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Reg. No. 394,992. Registered May 5, 1942. A. O. SMITH CORPORATION, Milwaukee, Wis., a corporation of New York. Republished by registrant.

Duraclad

FOR ELECTRIC AND GAS WATER HEATERS.
Claims use since May 15, 1941.

Reg. No. 394,993. Registered May 5, 1942. A. O. SMITH CORPORATION, Milwaukee, Wis., a corporation of New York. Republished by registrant.

Permaglas

FOR ELECTRIC AND GAS WATER HEATERS.
Claims use since Jan. 6, 1941.

Reg. No. 415,447. Registered Aug. 7, 1945. SOUTHERN SUPPLY CO., Pasadena, Calif., a firm. Republished by registrant.

CHEM-THERM

FOR STEAM GENERATORS.
Claims use since Dec. 19, 1936.

Reg. No. 415,815. Registered Aug. 14, 1945. BEATTIE PRODUCTS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

jet

FOR PYROPHORIC, CATALYTIC AND PILOT LIGHTERS FOR CIGARS, CIGARETTES, AND PIPES.
Claims use since Feb. 26, 1945.

Reg. No. 416,010. Registered Aug. 21, 1945. HILL-SHAW COMPANY, Chicago, Ill. Republished by Hill-Shaw Company, Chicago, Ill., a corporation of Delaware.

VACULATOR

FOR GAS HOT PLATES OR STOVES FOR USE IN RESTAURANTS, LUNCH COUNTERS, AND HOTELS PRIMARILY FOR BREWING COFFEE.
Claims use since 1934.

Reg. No. 424,941. Registered Oct. 29, 1946. ARROWHEAD RUBBER COMPANY, Vernon, Calif., a corporation of California. Republished by registrant.

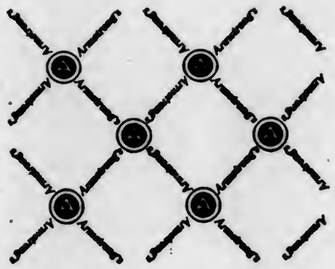
AIRTRON

FOR PREFABRICATED DUCT SECTIONS FOR USE IN HEATING, VENTILATING AND AIR-CONDITIONING APPARATUS, MADE FROM A GLASS FIBER MATERIAL, IMPREGNATED WITH RUBBER OR A RUBBER-LIKE SUBSTANCE.
Claims use since Oct. 19, 1945.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Reg. No. 415,101. Registered July 10, 1945. ARMSTRONG CORK COMPANY, Manheim Township, Lancaster County, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR GASKETS, WASHERS, RINGS AND DISCS, ALL OF FIBROUS MATERIAL FOR PACKING AND GASKETING USES.
Claims use since on or about Sept. 12, 1941.

Reg. No. 419,658. Registered Feb. 26, 1946. THE GATES RUBBER COMPANY, Denver, Colo., a corporation of Colorado. Republished by registrant.

TR

FOR V-BELTS FOR THE TRANSMISSION OF POWER.
Claims use since May 15, 1945.

Reg. No. 420,423. Registered Apr. 9, 1946. THE GATES RUBBER COMPANY, Denver, Colo., a corporation of Colorado. Republished by registrant.

TS

FOR POWER TRANSMISSION BELTS.
Claims use since June 15, 1945.

Reg. No. 421,177. Registered May 21, 1946. BENDIX AVIATION CORPORATION, Troy, N. Y., a corporation of Delaware. *Republished by registrant.

BULLS-EYE

FOR BRAKE LINING.
Claims use since Feb. 15, 1938.

Reg. No. 425,290. Registered Nov. 12, 1946. THE GATES RUBBER COMPANY, Denver, Colo., a corporation of Colorado. Republished by registrant.

GATES FLEXCORD

The surname "Gates" is disclaimed.
FOR POWER TRANSMISSION BELTS.
Claims use since Jan. 1, 1934.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Reg. No. 429,155. Registered Apr. 22, 1947. HORACE WATERS PIANO COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Horace Waters

FOR PIANOS.
Claims use since about 1845.

CLASS 37

PAPER AND STATIONERY

Reg. No. 382,833. Registered Nov. 12, 1940. SENGBUSCH SELF-CLOSING INK STAND COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

Adapto

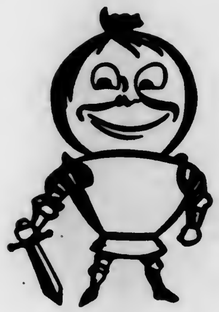
FOR INKSTANDS AND INKWELLS.
Claims use since Feb. 2, 1940.

Reg. No. 397,697. Registered Sept. 15, 1942. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

Lube-Log

FOR FILING CARD SYSTEM COMPRISING FILING CARDS, FILE BOX FOR FILING CARDS, FILING BOX AND FILING CARDS, PARTICULARLY FOR USE IN KEEPING RECORDS IN CONNECTION WITH LUBRICATION AND SERVICING OF AUTOMOBILES.
Claims use since on or about Jan. 19, 1942.

Reg. No. 413,567. Registered May 1, 1945. CROWN ZELLERBACH CORPORATION, also doing business as Crown Willamette Paper Company, San Francisco, Calif., a corporation of Nevada. Republished by registrant.



FOR TISSUE FRUIT WRAPS.
Claims use since May 20, 1944.

Reg. No. 414,800. Registered June 26, 1945. CROWN ZELLERBACH CORPORATION, also doing business as Crown Willamette Paper Company, San Francisco, Calif., a corporation of Nevada. Republished by registrant.

SNOWTEX

FOR WRAPPING PAPER.
Claims use since June 1941.

Reg. No. 415,804. Registered Aug. 14, 1945. GRAPHIC ARTS CORPORATION OF OHIO, Toledo, Ohio, a corporation of Ohio. Republished by registrant.

Gädi

FOR PAPER (NOT SENSITIZED) USED FOR MAKING PRINTS.
Claims use since Dec. 13, 1943.

Reg. No. 418,782. Registered Jan. 8, 1946. PETER J. SCHWEITZER, INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR WRITING PAPER.
Claims use since Jan. 11, 1945.

Reg. No. 419,500. Registered Feb. 19, 1946. CROWN ZELLERBACH CORPORATION, also doing business as Crown Willamette Paper Company, San Francisco, Calif., a corporation of Nevada. Republished by registrant.

CROWN

FOR GUMMED TAPE FOR WRAPPING AND PACKAGING PURPOSES.
Claims use since July 1, 1929.

Reg. No. 419,935. Registered Mar. 12, 1946. PETER J. SCHWEITZER, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Delaire

FOR WRITING PAPER.
Claims use since December 1944.

Reg. No. 421,973. Registered June 25, 1946. THE PARKER PEN COMPANY, Janesville, Wis., a corporation of Wisconsin. Republished by registrant.

MAGIC WAND

FOR FOUNTAIN PENS, MECHANICAL PENCILS, AND DESKSETS.
Claims use since Aug. 27, 1945.

Reg. No. 422,087. Registered July 2, 1946. PETER J. SCHWEITZER, INC., New York, N. Y., a corporation of New York. Republished by registrant.

DELAIRE

FOR WRITING PAPER.
Claims use since December 1944.

Reg. No. 427,076. Registered Jan. 28, 1947. THE PARKER PEN COMPANY, Janesville, Wis., a corporation of Wisconsin. Republished by registrant.

PARKER "51"

FOR FOUNTAIN PENS, MECHANICAL PENCILS, AND DESKSETS.
Claims use since July 28, 1939.

CLASS 38

PRINTS AND PUBLICATIONS

Reg. No. 354,366. Registered Feb. 8, 1938. SPAULDING-MOSS COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.



FOR BLUE PRINTS, VAN DYKE PRINTS, DIRECT POSITIVE PRINTS, PHOTOSTAT PRINTS, MAGNIGRAPH PRINTS, TRACING CLOTH PRINTS, PHOTOGRAPHIC PRINTS, PLANOGRAPHIC PRINTS, PHOTOLITHOGRAPHIC PRINTS AND TECHNICAL BOOKS.
Claims use since July 20, 1937, on various items; and since July 22, 1937, on various other items.

Reg. No. 382,815. Registered Nov. 12, 1940. NILES-BEMENT-POND COMPANY, West Hartford, Conn., a corporation of New Jersey. Republished by registrant.

BACKGROUNDS

FOR PERIODICALLY PUBLISHED ILLUSTRATED MAGAZINE.
Claims use since May 29, 1940.

Reg. No. 385,859. Registered Mar. 18, 1941. WEEKLY PUBLICATIONS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Newsweek

THE MAGAZINE OF NEWS SIGNIFICANCE

The words "The Magazine of News Significance" are disclaimed.
FOR WEEKLY MAGAZINE.
Claims use since June 8, 1939.

Reg. No. 390,621. Registered Sept. 30, 1941. WEEKLY PUBLICATIONS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

The Periscope

FOR DEPARTMENT OR SECTION OF A WEEKLY MAGAZINE.
Claims use since Oct. 4, 1937.

Reg. No. 390,622. Registered Sept. 30, 1941. WEEKLY PUBLICATIONS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

Perspective

FOR DEPARTMENT OR SECTION OF A WEEKLY MAGAZINE.
Claims use since Oct. 4, 1937.

Reg. No. 416,617. Registered Sept. 25, 1945. GRAPHIC ARTS CORPORATION OF OHIO, Toledo, Ohio, a corporation of Ohio. Republished by registrant.

Gädi

FOR PRINTS OF MECHANICAL DRAWINGS, ARCHITECTS' PLANS, AND LIKE DESIGNS.
Claims use since Dec. 13, 1943.

Reg. No. 420,248. Registered Apr. 2, 1946. P. BALLANTINE & SONS, Newark, N. J., a corporation of New Jersey. Republished by registrant.

Three Rings

FOR MONTHLY PUBLICATION.
Claims use since Apr. 19, 1940.

Reg. No. 425,136. Registered Nov. 5, 1946. FLOWER FOODS, INC., Maywood, Ill., a corporation of Illinois. Republished by registrant.

BLOOMLIFE AND ROSES

The word "Roses" alone is disclaimed.
FOR SCRIPTS FOR MONOLOGUES, DIALOGUES, DRAMATIC SKETCHES AND RADIO BROADCASTS, SUCH SCRIPTS SOLD AS A PUBLICATION IN TRADE AND A PUBLICATION PUBLISHED FROM TIME TO TIME DEVOTED TO ARTICLES ON CUT FLOWERS AND THEIR PRESERVATION.
Claims use since Feb. 1, 1939.

CLASS 39

CLOTHING

Reg. No. 121,004. Registered Mar. 19, 1918. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

BIGFELO

FOR PAJAMAS.
Claims use since Sept. 15, 1916.

Reg. No. 121,007. Registered Mar. 19, 1918. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

SHORTFELO

FOR PAJAMAS.
Claims use since June 22, 1915.

Reg. No. 125,513. Registered May 20, 1919. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

SOLO

FOR HOSIERY FOR MEN AND BOYS.
Claims use since Nov. 12, 1912.

Reg. No. 126,893. Registered Oct. 7, 1919. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

THE PEDESTRIAN

FOR LEATHER SHOES FOR MEN.
Claims use since June 8, 1915.

Reg. No. 130,566. Registered Apr. 27, 1920. ROSENBERG BROS. & Co., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

Fashion Park Clothes

The word "Clothes" is disclaimed.
FOR MEN'S COATS, VESTS, PANTS, AND OVERCOATS.
Claims use since on or about Jan. 1, 1915.

Reg. No. 131,223. Registered May 4, 1920. ROSENBERG BROS. & Co., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.



FOR MEN'S COATS, VESTS, PANTS, AND OVERCOATS.
Claims use since on or about Jan. 1, 1917.

Reg. No. 131,225. Registered May 4, 1920. ROSENBERG BROS. & Co., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.



FOR MEN'S COATS, VESTS, PANTS, AND OVERCOATS.
Claims use since on or about Jan. 1, 1919.

Reg. No. 131,226. Registered May 4, 1920. ROSENBERG BROS. & Co., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

STANEREK

FOR MEN'S COATS, VESTS, PANTS, AND OVERCOATS.
Claims use since on or about Apr. 15, 1919.

Reg. No. 135,525. Registered Oct. 12, 1920. ROSENBERG BROS. & Co., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

OVERSAK

FOR MEN'S COATS, VESTS, AND SUITS.
Claims use since on or about May 15, 1919.

Reg. No. 135,526. Registered Oct. 12, 1920. ROSENBERG BROS. & Co., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

BI-SWING

FOR MEN'S COATS, VESTS, PANTS, AND OVERCOATS.
Claims use since on or about Nov. 15, 1917.

Reg. No. 137,387. Registered Nov. 23, 1920. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

"SOLIGHT"

FOR MEN'S HATS AND CAPS.
Claims use since Apr. 19, 1920.

Reg. No. 142,316. Registered May 10, 1921. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

85 PERCENTER

FOR MEN'S LEATHER SHOES.
Claims use since Aug. 20, 1920.

Reg. No. 155,809. Registered June 6, 1922. ROSENBERG BROS. & Co., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.



FOR MEN'S ULSTERS AND OVERCOATS.
Claims use since on or about Feb. 1, 1921.

Reg. No. 189,286. Registered Sept. 16, 1924. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

FEATHERMAC

FOR MACKINTOSHES AND RAINCOATS.
Claims use since Apr. 11, 1924.

Reg. No. 194,476. Registered Jan. 27, 1925. ROSENBERG BROS. & Co., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

ROYAL PAR-KERRY

FOR MEN'S COATS, VESTS, PANTS, AND OVERCOATS.
Claims use since Aug. 1, 1924.

Reg. No. 217,425. Registered Aug. 31, 1926. THE STEIN-BLOCH CO., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

MERCHANTEER

FOR MEN'S SACK COATS AND MEN'S OVERCOATS.
Claims use since Mar. 1, 1926.

Reg. No. 218,194. Registered Sept. 21, 1926. ROSENBERG BROS. & Co., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

Charter-House



FOR MEN'S COATS, VESTS, PANTS, AND OVERCOATS.
Claims use since about Mar. 1, 1926.

Reg. No. 327,820. Registered Sept. 3, 1935. E. P. REED & Co., Rochester, N. Y., a corporation of New York. Republished by registrant.

Matripedic

FOR SHOES, MADE OF LEATHER, OR FABRIC, OR OF COMBINATIONS OF LEATHER AND FABRIC.
Claims use since Oct. 31, 1931.

Reg. No. 350,988. Registered Oct. 12, 1937. E. T. WRIGHT & COMPANY, INC., Rockland, Mass., a corporation of Massachusetts. Republished by registrant.

ARCH PRESERVER

FOR MEN'S, BOYS', LITTLE GENTS', AND MALE CHILDREN'S SHOES OF LEATHER, FABRIC, AND COMBINATIONS THEREOF.
Claims use since May 1915.

Reg. No. 381,603. Registered Oct. 1, 1940. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant, present location Manheim Township, Lancaster County, Pa.

SILVER LEAF

FOR RUBBER HOUSEHOLD GLOVES.
Claims use since on or about Nov. 22, 1939.

Reg. No. 393,092. Registered Jan. 27, 1942. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

Solight

FOR MEN'S AND BOYS' SUITS, OVERCOATS, OUTER SHIRTS, UNDERSHIRTS, UNDERDRAWERS, HOSE, PAJAMAS, ROBES, AND SWEATERS.
Claims use since June 23, 1941.

Reg. No. 395,751. Registered June 9, 1942. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



The word "Shop" is disclaimed.
FOR WOMEN'S AND MISSES' OUTER COATS AND CAPES OF FUR AND/OR FABRICS, AND SUITS, DRESSES, GOWNS, BLOUSES, HOUSE COATS, AND ROBES OF SILK, WOOL, COTTON, RAYON, AND MIXTURES THEREOF.
Claims use since Oct. 4, 1941.

Reg. No. 403,512. Registered Sept. 28, 1943. HARWILL BLOUSE CO., INC., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

HARWILL

FOR MISSES', WOMEN'S, AND JUNIOR MISSES' DRESSES, BLOUSES, DICKEYS, JERKINS, SLACKS, AND JACKETS.
Claims use since December 1937.

Reg. No. 413,269. Registered Apr. 17, 1945. PEERLESS WOLFSON COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Linshire

FOR HANDKERCHIEFS.
Claims use since Aug. 16, 1943.

Reg. No. 416,317. Registered Sept. 4, 1945. LONDON, MIDLAND & SCOTTISH IMPORTS, LTD., New York, N. Y., a corporation of New York. Republished by registrant.



The word "British" is disclaimed.
FOR MEN'S AND WOMEN'S SUITS, COATS, AND JACKETS, AND WOMEN'S SKIRTS.
Claims use since Feb. 13, 1945.

Reg. No. 419,618. Registered Feb. 26, 1946. PHOENIX HOSIERY COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.



FOR HOSIERY.
Claims use since Apr. 1, 1944.

Reg. No. 421,698. Registered June 11, 1946. MANCHESTER KNITTED FASHIONS, INC., Manchester, N. H., a corporation of New Hampshire. Republished by registrant.

Baby Mates

The word "Baby" is disclaimed.
FOR INFANTS' KNITTED CREEPERS AND KNITTED SUITS.
Claims use since July 1944.

Reg. No. 424,304. Registered Oct. 1, 1946. REGAL SHOE COMPANY, Whitman, Mass., a corporation of Massachusetts. Republished by registrant.

REGAL

FOR HOSIERY.
Claims use since on or about Apr. 1, 1929.

Reg. No. 427,657. Registered Feb. 18, 1947. FRANCO CORSET COMPANY, New York, N. Y., a firm. Republished by registrant.

Contour-Lastik Net

The word "Net" is disclaimed.
FOR CORSETS, CORSELETS, AND GIRDLES.
Claims use since on or about Feb. 23, 1945.

Reg. No. 429,773. Registered May 20, 1947. PHOENIX HOSIERY COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

PHOENIX
Masterpiece

FOR HOSIERY.
Claims use since Apr. 1, 1944.

Reg. No. 429,868. Registered May 20, 1947. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

"ZIPCLIP"

FOR BRACES AND SUSPENDERS.
Claims use since May 29, 1946.

Reg. No. 429,893. Registered May 20, 1947. VESTAL MILLS, INCORPORATED, Athens, Tenn., a corporation of Tennessee. Republished by registrant.

VESTAL

FOR HOSIERY.
Claims use since 1934.

Reg. No. 430,630. Registered June 17, 1947. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

PIONEER

FOR GLOVES OF LEATHER AND/OR FABRIC.
Claims use since 1883.

Reg. No. 430,651. Registered June 17, 1947. CENTURY SPORTSWEAR CO., INC., Boston, Mass., a corporation of Massachusetts. Republished by registrant.

"notables"

FOR WOMEN'S, MISSES' AND JUNIOR SKIRTS, SHIRTS, SHORTS, SLACKS, SUITS, JACKETS, VESTS AND JERKINS.
Claims use since May 13, 1946.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Reg. No. 386,861. Registered Apr. 22, 1941. THOMAS TAYLOR & SONS, INC., Hudson, Mass., a corporation of Massachusetts. Republished by registrant.

Glove-tex

FOR NARROW ELASTIC FABRICS FOR USE IN THE MAKING OF ELASTIC INSERTS OR GORES IN FOOTWEAR AND OTHER ARTICLES OF APPAREL.
Claims use since Aug. 8, 1938.

Reg. No. 429,032. Registered Apr. 15, 1947. PIONEER SUSPENDER COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

EXPANDO

FOR WRIST WATCH STRAPS OF LEATHER OR FABRIC OR NON-PRECIOUS METAL, AND BUCKLES OF NON-PRECIOUS METAL FOR WRIST WATCH STRAPS.
Claims use since Mar. 15, 1946.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Reg. No. 369,788. Registered Aug. 1, 1939. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

LINLINE

FOR COTTON PIECE GOODS.
Claims use since Feb. 15, 1939.

Reg. No. 382,216. Registered Oct. 22, 1940. M. & W. THOMAS CORPORATION, New York, N. Y. Republished by M. & W. Thomas Co., New York, N. Y., a firm.

Partridge



FOR WORSTED AND PURE SILK PIECE GOODS.
Claims use since Nov. 2, 1939.

Reg. No. 390,325. Registered Sept. 16, 1941. ESTATE OF OTTO TIMME, deceased, doing business as E. F. Timme & Son, New York, N. Y. Republished by E. F. Timme & Son, New York, N. Y., a firm of New York.

TIM-E-LON

FOR RUGS, CARPETS, AND PILE FABRICS IN THE PIECE.
Claims use since Feb. 1, 1941.

Reg. No. 394,789. Registered Apr. 28, 1942. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

HANDI-CHEF

FOR PASTRY CANVAS.
Claims use since on or about Dec. 15, 1939.

Reg. No. 395,421. Registered May 26, 1942. MARSHALL FIELD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

FIELDCREST

FOR SHEETS AND SHEETING IN THE PIECE, PILLOW CASES AND TUBING, BLANKETS OF COTTON, WOOL, RAYON, AND MIXTURES THEREOF, BED SPREADS, TOWELS AND TOWELING IN THE PIECE, WASH CLOTHS, WINDOW AND BED DRAPES, AND LACE CURTAINS AND CURTAINING.
Claims use since on or about Dec. 15, 1918.

Reg. No. 411,855. Registered Feb. 6, 1945. AMERICAN WOOLEN COMPANY, New York, N. Y., a Massachusetts corporation. Republished by registrant.

VELBLOOM

FOR PIECE GOODS COMPOSED WHOLLY OR IN PART OF WOOL OR WORSTED.
Claims use since July 27, 1944.

Reg. No. 415,876. Registered Aug. 21, 1945. AMERICAN WOOLEN COMPANY, New York, N. Y., a Massachusetts corporation. Republished by registrant.

TWILL LANE

The word "Twill" is disclaimed.
FOR PIECE GOODS COMPOSED WHOLLY OR IN PART OF WOOL OR WORSTED.
Claims use since July 27, 1944.

Reg. No. 416,192. Registered Sept. 4, 1945. AMERICAN WOOLEN COMPANY, Boston, Mass., and New York, N. Y. Republished by American Woolen Company, New York, N. Y., a corporation of Massachusetts.

DOE-SUEDE

The word "Suede" is disclaimed.
FOR FLAT PIECE GOODS COMPOSED WHOLLY OR PARTLY OF WOOL FOR USE IN THE MANUFACTURE OF WOMEN'S CLOAKS AND SUITS.
Claims use since June 22, 1943.

Reg. No. 418,667. Registered Jan. 8, 1946. M & W THOMAS Co., New York, N. Y., a firm. Republished by registrant.

BANDLEY

FOR PIECE GOODS OF SILK, RAYON, COTTON, AND WOOL AND COMBINATIONS THEREOF INTENDED FOR MAKING NECKTIES.
Claims use since Feb. 16, 1944.

Reg. No. 428,425. Registered Mar. 25, 1947. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

BEMIS

FOR COATED FABRICS AND TUBING MADE OF JUTE, COTTON, AND/OR PAPER FABRIC.
Claims use since Apr. 15, 1916.

CLASS 43

THREAD AND YARN

Reg. No. 423,429. Registered Sept. 3, 1946. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

BEMIS SPECIAL

The word "Special" is disclaimed.
FOR SEWING THREAD.
Claims use since about Aug. 2, 1922.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Reg. No. 383,441. Registered Dec. 10, 1940. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant.

TOPPER

FOR WATER BOTTLES, FOUNTAIN SYRINGES, AND COMBINATION WATER BOTTLES AND FOUNTAIN SYRINGES, ALL OF WHICH ARE MADE OF RUBBER OR SIMILAR FLEXIBLE MATERIAL.
Claims use since on or about Jan. 4, 1940.

Reg. No. 423,993. Registered Sept. 17, 1946. THE MAICO COMPANY, INCORPORATED, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

PRECISIONEER

FOR HEARING AIDS.
Claims use since July 1, 1944.

Reg. No. 424,028. Registered Sept. 17, 1946. THE MAICO COMPANY, INCORPORATED, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

ATOMEER

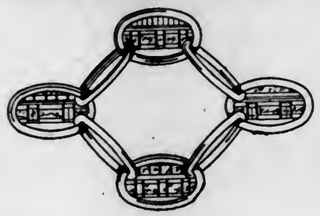
FOR HEARING AIDS.
Claims use since Nov. 1, 1945.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Reg. No. 295,475. Registered July 5, 1932. CHAIN STORE ROOT BEER CO., INC., Rochester, N. Y., a corporation of New York. Republished by registrant.

CHAIN STORE



The words "Chain Store" are disclaimed.
FOR ROOT BEER SYRUP.
Claims use since Mar. 14, 1930.

Reg. No. 381,246. Registered Sept. 17, 1940. CRANBERRY CANNERS, INC., South Hanson, Mass. Republished by National Cranberry Association, Hanson, Mass., a corporation of Delaware, by change of name.



The words "Kingston," "Plymouth," "Buzzard's Bay," "Wood's Hole," "Provincetown," and "Atlantic Ocean" are disclaimed. The representation of the map of Cape Cod and of a label are disclaimed. The lining indicates the color brown.
FOR CRANBERRY JUICE.
Claims use since April 1939.

Reg. No. 415,006. Registered July 10, 1945. NEIL'S FLAVOR LABORATORY, Los Angeles, Calif. Republished by Neil Products Inc., Los Angeles, Calif., a corporation of California.

NEIL'S 1 to 1

The word "Neil's" is disclaimed.
FOR FLAVOR BASES FOR MAKING NON-ALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS.
Claims use since Mar. 13, 1944.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Reg. No. 67,934. Registered Feb. 25, 1908. H. J. HEINZ COMPANY, Allegheny, Pa., a corporation of Pennsylvania. Republished by registrant, present location Pittsburgh, Pa.



FOR PICKLES, CHOW-CHOW SAUER-KRAUT, PICKLED ONIONS, VINEGAR, BAKED BEANS, SOUP, CATCHUP, CHUTNEY, SAUCES, RELISHES, MUSTARD, OLIVES, OLIVE-OIL, HORSE-RADISH, FRUIT-PRESERVES, FRUIT-BUTTERS, FRUIT-JELLIES, EUCHARED FIGS, CRANBERRY-SAUCE, AND MINCE-MEAT.
Claims use since May 1900.

Reg. No. 242,373. Registered May 22, 1928. CHARLESTON MILLING & PRODUCE COMPANY, Charleston, W. Va. Republished by Charleston Milling Company, Charleston, W. Va., a corporation of West Virginia.

Charmco

FOR STOCK AND POULTRY FEED.
Claims use since about Jan. 1, 1926.

Reg. No. 382,933. Registered Nov. 19, 1940. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

Pillsbury's BEST XXXX

FOR FLOUR MADE FROM WHEAT.
Claims use since on or about Jan. 1, 1873.

Reg. No. 382,934. Registered Nov. 19, 1940. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

Pillsbury's

FOR FLOUR MADE FROM WHEAT.
Claims use since on or about Jan. 1, 1873.

Reg. No. 383,146. Registered Nov. 26, 1940. BLANKE-BAER EXTRACT & PRESERVING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

Ribbonette

FOR FLAVORING MIXTURES OF FRUIT AND/OR SYRUP FOR ICE CREAM.
Claims use since Apr. 1, 1940.

Reg. No. 389,062. Registered July 22, 1941. CHARLESTON MILLING COMPANY, Charleston, W. Va., a corporation of West Virginia. Republished by registrant.

WHITE PLAID

FOR WHEAT FLOUR.
Claims use since December 1940.

Reg. No. 393,059. Registered Jan. 27, 1942. JOHN F. GORMAN, doing business as Vitaminerals Co., Los Angeles, Calif. Republished by Vitaminerals, Inc., Los Angeles, Calif., a corporation of California.

VITAMINERALS

FOR BROTH POWDER MADE OF VEGETABLE CONCENTRATES AND OTHER INGREDIENTS, FOR USE AS A DIETARY SUPPLEMENT.
Claims use since Aug. 1, 1933.

Reg. No. 409,130. Registered Sept. 19, 1944. FRUEN MILLING COMPANY, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

CREAM OF RYE

The word "Rye" is disclaimed.
FOR CEREAL BREAKFAST FOODS.
Claims use since 1902.

Reg. No. 414,410. Registered June 12, 1945. PILLSBURY FLOUR MILLS COMPANY, now by merger Pillsbury Mills, Inc., Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

Pillsbury's BEST FEEDS

The word "Feeds" is disclaimed. The drawing is lined to indicate the colors red, blue, black.
FOR FEEDS FOR POULTRY, TURKEYS, HOGS, CATTLE, SHEEP, HORSES, MULES, GOATS, RABBITS, DOGS, AND VARIOUS WILD ANIMALS HELD IN CAPTIVITY.
Claims use since May 13, 1942.

Reg. No. 414,827. Registered June 26, 1945. CHICAGO AND SOUTHERN AIR LINES, INC., Memphis, Tenn., a corporation of Delaware. Republished by registrant.

AIRSHRIMP

FOR FRESH SHRIMP.
Claims use since Jan. 15, 1945.

Reg. No. 419,389. Registered Feb. 12, 1946. ST. LOUIS LABORATORIES, Richmond Heights, Mo. Republished by Zoffmann Laboratory, Inc., St. Louis, Mo., a corporation of Missouri.

PRETONE

FOR COMPOSITION TO BE ADDED TO MILK AND MILK PRODUCTS, INCLUDING BUTTER AND CREAM, FOR REMOVING OFF-ODORS AND OFF FLAVORS, AND FOR ENHANCING NATURAL FLAVOR.
Claims use since Oct. 15, 1944.

Reg. No. 419,574. Registered Feb. 26, 1946. FRUEN MILLING COMPANY, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.



The representation of the sheaf of wheat is disclaimed.
FOR WHOLE WHEAT FLOUR, RYE FLOUR, RYE MEAL, WHEAT GRAHAM FLOUR, GRANULATED CORN MEAL, FARINA, ROLLED OATS, CRACKED WHEAT, ROLLED WHEAT, WHEAT CEREAL, WHEAT GRANULES, PEARL BARLEY, SCRATCH FEED, POULTRY MASH, PIG AND HOG FEED CONCENTRATE, DAIRY FEED, CHICK STARTER SCRATCH, CHICK GROWING SCRATCH, DAIRY RATION FEED.
Claims use since Sept. 1, 1894.

Reg. No. 422,018. Registered June 25, 1946. BLANKE-BAER EXTRACT & PRESERVING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

WISHMORE

FOR JELLIES, JAMS, FRUIT BUTTERS, FRUIT PRESERVES, PRESERVED FRUITS, OLIVES, SALAD DRESSING, SANDWICH SPREAD, RELISH SPREAD, MAYONNAISE, PEANUT BUTTER, AND FLAVORING EXTRACTS FOR FOODS.
Claims use since Nov. 18, 1924, for jellies, jams, fruit butters, fruit preserves and preserved fruit; since Apr. 1, 1933, for olives, salad dressing, sandwich spread, relish spread, mayonnaise, and peanut butter; and since Sept. 30, 1943, for flavoring extracts.

Reg. No. 425,605. Registered Nov. 26, 1946. STANDARD MILLING COMPANY, New York, N. Y., assignor to Standard Milling Company, Chicago, Ill., a corporation of Illinois. Republished by Standard Milling Company, Chicago, Ill., a corporation of Illinois.



FOR WHEAT FLOUR.
Claims use since about October 1895.

Reg. No. 426,159. Registered Dec. 17, 1946. D. GHIRARDELLI CO., San Francisco, Calif., a corporation of California. Republished by registrant.

Parrot

FOR GROUND CHOCOLATE AND COCOA.
Claims use since January 1933.

Reg. No. 426,374. Registered Dec. 24, 1946. HILLS BROS. COFFEE, INC., San Francisco, Calif., a corporation of California. Republished by registrant.

HILLS BROS COFFEE

The word "Coffee" is disclaimed. The drawing is lined for red and yellow.
FOR COFFEE.
Claims use since June 3, 1922.

Reg. No. 426,375. Registered Dec. 24, 1946. HILLS BROS. COFFEE, INC., San Francisco, Calif., a corporation of California. Republished by registrant.



The word "Coffee" is disclaimed. The drawing is lined for red and yellow.
FOR COFFEE.
Claims use since Nov. 19, 1936.

Reg. No. 426,568. Registered Dec. 31, 1946. D. R. HOAK, doing business as West Coast Growers & Packers, Fresno, Calif. Republished by West Coast Growers & Packers, Inc., Fresno, Calif., a corporation of California.

Blondie

FOR RAISINS.
Claims use since Feb. 27, 1946.

Reg. No. 426,706. Registered Jan. 7, 1947. D. GHIRARDELLI CO., San Francisco, Calif., a corporation of California. Republished by registrant.

D. Ghirardelli

FOR GROUND CHOCOLATE, COCOA, AND CHOCOLATE SOLD IN THE FORM OF BARS AS CANDY AND FOR COOKING PURPOSES.
Claims use since October 1878.

Reg. No. 428,534. Registered Mar. 25, 1947. CONTINENTAL COFFEE COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

ROASTSAVER

FOR SEASONING AND COLORING AGENT IN LIQUID FORM USED IN BASTING MEATS.
Claims use since Feb. 10, 1943.

Reg. No. 429,151. Registered Apr. 22, 1947. RIVAL PACKING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

RIVAL

FOR DOG AND CAT FOOD.
Claims use on dog food since May 3, 1932; on cat food since Mar. 4, 1935.

CLASS 47

WINES

Reg. No. 398,782. Registered Nov. 24, 1942. AMERICAN WINE COMPANY, St. Louis, Mo. Republished by American Wine Company, St. Louis, Mo., a corporation of Delaware.

COOK'S Imperial

The word "Cook's" is disclaimed.
FOR SPARKLING WINES AND STILL WINES.
Claims use since May 30, 1866.

CLASS 48

MALT BEVERAGES AND LIQUORS

Reg. No. 381,508. Registered Sept. 24, 1940. MINNEAPOLIS BREWING COMPANY, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.



FOR BEER.
Claims use since Mar. 18, 1940.

Reg. No. 382,026. Registered Oct. 15, 1940. MINNEAPOLIS BREWING COMPANY, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

A case of Friendship

FOR BEER.
Claims use since Mar. 18, 1940.

Reg. No. 415,083. Registered July 10, 1945. BOSTON BEER COMPANY, South Boston, Mass., a corporation of Massachusetts. Republished by registrant.



FOR BEER AND ALE.
Claims use since April 1940.

Reg. No. 415,516. Registered Aug. 7, 1945. HORLACHER BREWING COMPANY, Allentown, Pa., a corporation of Pennsylvania. Republished by registrant.

SHORT SNORTER

FOR ALE.
Claims use since Nov. 22, 1944.

Reg. No. 415,763. Registered Aug. 14, 1945. MINNEAPOLIS BREWING COMPANY, Mineapolis, Minn., a corporation of Minnesota. Republished by registrant.

Premium
Grain Belt
The Friendly Ale

The words "Premium" and "Ale" are disclaimed.
FOR ALE.
Claims use since Mar. 1, 1943.

Reg. No. 415,764. Registered Aug. 14, 1945. MINNEAPOLIS BREWING COMPANY, Mineapolis, Minn., a corporation of Minnesota. Republished by registrant.



The words "Premium" and "Beer" are disclaimed. The drawing is lined for the color red.
FOR BEER.
Claims use since Mar. 1, 1943.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Reg. No. 422,213. Registered July 9, 1946. SUNSET INCORPORATED, Chicago, Ill., a corporation of Illinois. Republished by registrant.

WHISTERS

FOR ALCOHOLIC BEVERAGE BITTERS.
Claims use since May 1, 1942.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Reg. No. 382,376. Registered Oct. 29, 1940. WHITE CAP COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

VAPOR-VACUUM

FOR CLOSURE CAPS FOR CONTAINERS SUCH AS BOTTLES AND JARS.
Claims use since Feb. 10, 1936.

Reg. No. 399,393. Registered Jan. 5, 1943. GEORGE O. JENKINS COMPANY, Bridgewater, Mass., a corporation of Massachusetts. Republished by registrant.

LEATHEROK

FOR FIBERBOARD IN SHEET FORM WHICH IS A LEATHER SUBSTITUTE FOR USE IN MAKING HEEL BASES AND BUILT UP HEELS FOR SHOES.
Claims use since Jan. 7, 1939.

Reg. No. 416,839. Registered Oct. 2, 1945. FEDERAL ELECTRIC COMPANY, INC., Chicago, Ill., a corporation of New York, Republished by registrant.



FOR NON-ELECTRICAL ADVERTISING DISPLAY SIGNS.
Claims use since November 1901.

Reg. No. 430,580. Registered June 17, 1947. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

BEMIS

FOR TENTS, TARPAULINS, AND NON-TAILORED WATERPROOF FABRIC COVERS USED FOR PROTECTING MACHINERY AND VARIOUS ARTICLES.
Claims use since Apr. 15, 1916.

PATENTS

GRANTED APRIL 13, 1948

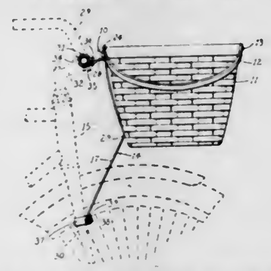
2,439,374
METHYL METHACRYLATE COMPOSITIONS OPAQUE TO X-RAYS
Sidney Arthur Leader and James Joseph Gordon, London, England, assignors to Portland Plastics Limited, London, England, a British company
No Drawing. Application March 20, 1945, Serial No. 583,836. In Great Britain December 15, 1944
1 Claim. (Cl. 260—83)

A material opaque to X-rays comprising polymerised methyl methacrylate having incorporated therein ethylene dibromide in a proportion sufficient to render the material opaque to X-rays.

2,439,375
PREPARATION OF META-SUBSTITUTED PHENOLS
Erwin Schwenk, Montclair, N. J., and Domenick Papa, Brooklyn, N. Y., assignors to Schering Corporation, Bloomfield, N. J., a corporation of New Jersey
No Drawing. Application October 9, 1944, Serial No. 557,933
14 Claims. (Cl. 260—521)

1. Process for the manufacture of phenols, which comprises subjecting a 1.2 methylene dioxy benzene to reductive splitting with a Raney type alloy and alkali solution to replace the methylene ether group with a phenolic hydroxyl group.

2,439,376
BICYCLE BASKET
Vytant Aleks, Rockford, Ill., assignor to The Washburn Company, Worcester, Mass., a corporation of Massachusetts
Application October 23, 1942, Serial No. 463,102
5 Claims. (Cl. 224—36)



1. A bicycle basket support, comprising an inverted generally U-shaped wire bracket providing two laterally spaced upright members, a cross-member secured to the upright members spaced downwardly from their upper ends, the upper ends of said upright members above the cross-member being bent inwardly toward each other to define attaching lugs in a substantially vertical plane for connection with a bicycle basket, means connected to the cross-member for detachably securing the bracket to a bicycle handle bar, means connected with the lower ends of the upright members of said bracket for detachably securing the bracket in rigid relation to a bicycle front fork, the bracket itself serving to locate the two fastening means in a predetermined vertically spaced relationship for correct application to a bicycle, and a fastener clip secured on the upper rim portion of a basket and formed to receive the aforesaid attaching lugs for demountably supporting a bicycle basket on said bracket, the cross-member serving to limit downward movement of the fastener clip on said attaching lugs, whereby to support the basket to which the clip is secured.

2,439,377
UTILIZATION OF TALL OIL
Martin K. Bare and Warren Stubblebine, Manheim Township, Lancaster County, Pa., assignors to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania
No Drawing. Application July 31, 1943, Serial No. 496,965
8 Claims. (Cl. 106—123)

1. In a method of utilizing tall oil to form a siccative oil-resin-tall oil gel, the step of mechanically oxidizing a siccative oil in the presence of tall oil and a resin, said tall oil being present in an amount equal to at least 10% by weight of the total weight of these gel ingredients.

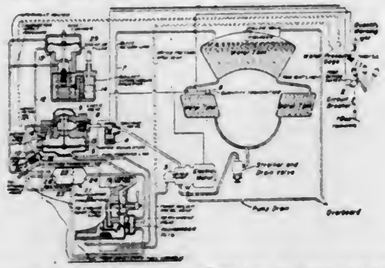
2,439,378
PRINTING INK
Otto P. Berberich, Jersey City, N. J., assignor to Interchemical Corporation, New York, N. Y., a corporation of Ohio
No Drawing. Application April 10, 1945, Serial No. 587,621
4 Claims. (Cl. 106—30)

1. A press-stable news ink having improved smudge-resistance and showing reduced strike-through, comprising pigment dispersed in a vehicle consisting essentially of 20% to 40% of Utah coal resin, from 1 to 2 times its weight of a news ink oil, and from 20% to 50% of kerosene, the proportions of the ingredients being such as to yield an ink with a viscosity of from about 1 to 20 poises at 30° C.

2,439,379
WATER INJECTION SYSTEM FOR AIRCRAFT
Mendel Bergman, United States Navy
Application May 8, 1946, Serial No. 668,051
7 Claims. (Cl. 123—25)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In an internal combustion engine carburetor having a water injection system wherein fuel from the carburetor passes through a fuel transfer line to a double banjo or T fitting to mix with water passing through a water transfer line from the water injection system and then pass via the fitting through a mixture transfer line to the intake of the engine, and wherein the fuel, being lighter, tends to replace the water in the water transfer line and thus momentarily cause an overrich fuel mixture to enter the mixture transfer line and cause the engine to momentarily lose power when the water injection system

is first actuated; means for maintaining water in the water transfer line and preventing the fuel

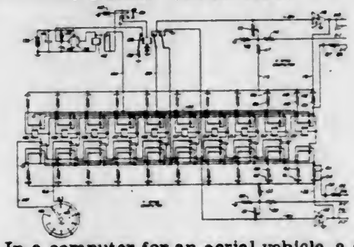


from replacing it while the water injection system is unactuated.

2,439,380
PRINTING INKS
Everett F. Carman, Montclair, and Otto P. Berberich, Jersey City, N. J., assignors to Interchemical Corporation, New York, N. Y., a corporation of Ohio
No Drawing. Application April 10, 1945, Serial No. 587,620
4 Claims. (Cl. 106—30)

1. A press-stable news ink having improved smudge-resistance and showing reduced strike-through, comprising pigment dispersed in a vehicle consisting essentially of 20% to 40% of limed rosin containing 6% to 8% of calcium calculated as calcium hyroxide, a news ink oil from 1 to 2 times the weight of the rosin, and from 20 to 50% of kerosene, the proportions of the ingredients being such as to yield an ink with a viscosity of from about 1 to 20 poises at 30° C.

2,439,381
COMPUTING BOMB SIGHT
Sidney Darlington, New York, N. Y., and Charles H. Townes, Mendham, and Dean E. Wooldridge, Chatham, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application July 17, 1943, Serial No. 495,130
7 Claims. (Cl. 33—46.5)



1. In a computer for an aerial vehicle, a source of voltage varying with the component of air speed of said vehicle along an arbitrary axis, a second source of voltage varying with the horizontal displacement of said vehicle along said axis, an amplifier having an input and an output circuit, means for connecting said first source of voltage to the input circuit of said amplifier, means including a series capacitor for connecting said second source of voltage to the input circuit of said amplifier, and a feedback path from the output circuit to the input circuit of said amplifier including capacitor means varied in capacity with the displacement of said vehicle.

2,439,382
FIELD JACKET HOOD
Joseph De Grazia, Washington, D. C.
Application June 1, 1945, Serial No. 597,055
5 Claims. (Cl. 2—84)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A helmet comprising a head portion and a neck encircling portion having overlapping front flaps and having means adapted to be secured to a coat having shoulder straps, shoulder strap buttons, a fly front and closure means for said fly front including a top button, said first-named means comprising buttonholes at the shoulder point and at each side of the front of the neck encircling portion, said buttonholes at the front adapted to be brought into alignment with each other and with said top button for securing said buttonholes to said top button.

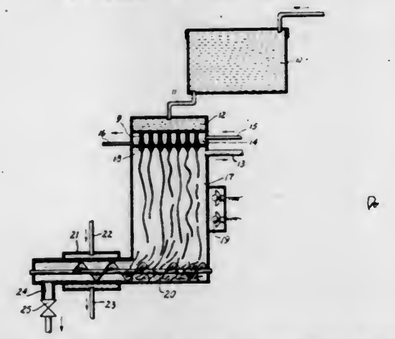
2,439,383
SURGICAL STITCHING INSTRUMENT
Lester H. Erickson, Los Angeles, Calif.
Application July 19, 1946, Serial No. 684,906
2 Claims. (Cl. 128—340)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A surgical stitching instrument comprising a stem, said stem having a generally cylindrical opening extending therethrough adjacent one end thereof adapted to receive the shank of a needle, said stem having a longitudinal slit formed in said end in a plane including the axis of said stem and the axis of said cylindrical opening to render said end bifurcated into a pair of prongs for gripping said needle, one of said prongs having a screw threaded opening therethrough transversely of said slit, the other of said prongs having an opening therethrough coaxial with said screw threaded opening and of larger diameter, a needle clamping lever having an eye portion and a screw portion, said screw portion passing through said last mentioned opening in one of said prongs and engaging said screw threaded opening in the other of said prongs, said stem having at its end opposite said slit an enlarged

cylindrical portion, a generally tubular handle adapted at one end for frictional engagement with said enlarged cylindrical portion of said stem and having at its other a removable cap closing a chamber adapted for the storage of spools of thread, said handle having a second chamber therein adjacent said stem for retaining a spool of thread rotatably therein, an active spool of thread in said second chamber, said second chamber having a generally J-shaped guide slot in the wall thereof adapted to guide thread from said active spool toward said needle, and a brake mechanism for said spool located substantially entirely within said handle comprising a manually operable brake member reciprocably mounted in said stem and adapted to engage said active spool, and spring means biasing said brake member to prevent rotation of said active spool.

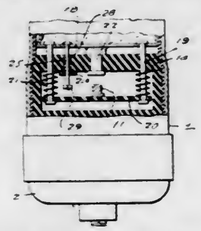
2,439,384
SOLID CORN SYRUP MANUFACTURE
Walter R. Fetzer, Clayton, Mo., assignor to Union Starch & Refining Company, Columbus, Ind., a corporation of Indiana
Application January 27, 1942, Serial No. 428,344
16 Claims. (Cl. 127—58)



16. The method of producing corn syrup solids which comprises heating liquid corn syrup of a commercial Baumé of from 43° to 46° under greater than atmospheric pressure to a temperature of from 232° to 350° F. and extruding said heated liquid corn syrup through a nozzle into the presence of a vacuum of from 28 to 29½ inches so that the corn syrup flash boils into a continuous expanded rope-like structure of dehydrated corn syrup having intercommunicating cells and having a moisture content of from one to six per cent.

2,439,385
ELECTRIC SOCKET
Morris Goldberg, Pittsburgh, Pa.
Application April 10, 1945, Serial No. 587,551
3 Claims. (Cl. 200—51.09)

1. In an electric socket, the combination, which comprises a sleeve forming a casing with an insulating plug forming a base in one end and a floating threaded shell adapted to receive an electric cord screw plug in the other, a transverse insulating partition in said casing between the base and shell, spaced pins extending from the inner end of the shell through and slidable in said partition, a cross-bar carried by the ends of the pins extending through the partition and on the side thereof opposite to the shell, springs on the pins urging the cross-bar away from the partition and thereby holding the shell inward, a centrally disposed contact extending through said partition with a head on each side thereof, a contact on the cross-bar positioned to contact a head of the said contact centrally disposed in the partition, a contact rod connected to the inner end of the shell extending through and slidable in said partition spaced from said centrally disposed contact, a contact plate on the surface of said partition positioned to be contacted by said contact rod,



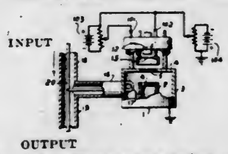
and connections from a cord extending into the end of the socket in which the base is positioned to said contact plate and contact on the cross-bar, said shell having a centrally disposed opening wherein a centrally positioned contact projecting from a threaded electric plug contacts the centrally disposed contact of the partition and draws the shell and cross-bar carried thereby outward closing the contact on the partition, cross-bar and contact rod.

2,439,386
PREPARATION OF QUINAZOLONES
Alfred Guenther, Riegelsville, Pa., and Jack F. Morgan, Phillipsburg, N. J., assignors to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application April 7, 1945, Serial No. 587,212
11 Claims. (Cl. 260—251)

1. The process of preparing substituted 4-quinazolones which comprises heating an N-acyl-o-amino cyclic carboxylic acid selected from the class consisting of aromatic and heterocyclic carboxylic acids with a primary amine selected from the class consisting of primary aliphatic, aromatic and araliphatic amines, the aromatic amine when containing a condensed ring system bearing the amino group in the β-position thereof, in the presence of a phosphorus chloride selected from the class consisting of phosphorus trichloride and phosphorus oxychloride.

9. The process of preparing 2-methyl-3-phenyl-6-chloro-4-quinazolone which comprises refluxing N-acetyl-5-chloro anthranilic acid and aniline in toluene in the presence of phosphorus trichloride.

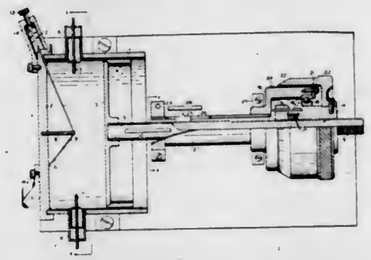
2,439,387
ELECTRONIC TUNING CONTROL
William W. Hansen, Garden City, and Russell H. Varian, Bellmore, N. Y., assignors to The Sperry Corporation, a corporation of Delaware
Application November 28, 1941, Serial No. 420,770
11 Claims. (Cl. 179—171.5)



9. High frequency apparatus for controlling the flow of high frequency energy along a high

frequency energy transmission line means in accordance with control signals, comprising a second high frequency energy transmission line means connected in shunt with said first transmission line means, a cavity resonator coupled to said second transmission line means and comprising a pair of apertured electron-permeable walls, means including a cathode aligned with said apertured walls for projecting an electron stream therethrough, a control grid interposed between said cathode and said walls, and means for applying said control signals to said control grid, whereby the characteristics of said cavity resonator are varied in accordance with said control signals, producing a corresponding variation of the impedance presented by said cavity resonator and said second transmission line means to said first transmission line means, and thereby correspondingly controlling the flow of energy through said first transmission line means.

2,439,388
RESONATOR WAVE METER
William W. Hansen, Garden City, N. Y., assignor to The Sperry Corporation, a corporation of Delaware
Application December 12, 1941, Serial No. 422,715
12 Claims. (Cl. 250—39)



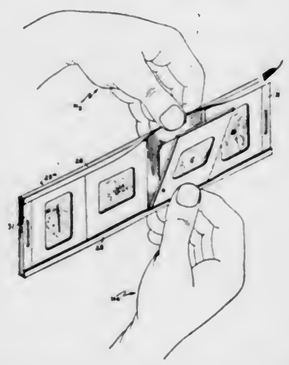
5. A resonator wavemeter of the variable volume, cavity, cylinder type having damping means therein consisting of wall connecting tautly positioned resistance wires symmetrically positioned within the same to suppress undesired modes of oscillation therein.

2,439,389
PULSE GENERATOR
Luther W. Hussey, Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application August 8, 1944, Serial No. 548,613
4 Claims. (Cl. 171—97)



3. A recurrent impulse generator comprising a first inductor, a storage capacitor, a second inductor having a magnetic core with a high permeability at low magnetizing forces and readily saturable at higher magnetizing forces, a load circuit, circuit connections including recurrent, intermittently operated means for supplying current from said source to said first inductor and for interrupting said flow of currrent, circuit connections for charging said storage capacitor by the surge voltage developed upon said interruption of said flow of current, circuit connections for discharging said storage capacitor to the load circuit through said second inductor upon the saturation of said core, and a blocking capacitor connected in series with said second inductor to prevent the flow of direct current therethrough and forming a series circuit with both of said inductors and having such a capacity that the circulating current in said series circuit at each instant of establishment of said flow of current from said source will be of such magnitude as to magnetize said core to a value substantially greater than saturation and in the same direction as the flow of current during the discharge of said storage capacitor.

2,439,390
SLIDE MOUNTING
Theodore M. Jablon, Elmhurst, Long Island, N. Y.
Application January 29, 1945, Serial No. 574,991
17 Claims. (Cl. 40—152)

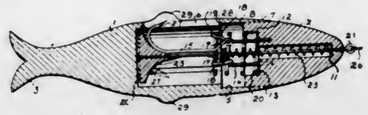


1. A slide mounting comprising a sheath of relatively thin and resiliently flexible filmlike material having a longitudinal body portion provided with a plurality of picture openings spaced from one another a distance substantially equal to the width of a slide, and having longitudinal edge portions providing substantially flat overhangs extending towards each other to constitute slide-retaining grooves, and stop means at each end of the body portion for maintaining between them a plurality of individual slides edgewise adjoining one another and confined in place within said sheath and in substantial registry with said openings by said slide retaining grooves and said stop means together with the edgewise adjoining relationship of the individual slides, said sheath being sufficiently deformable to allow for a resilient outward flexure of a portion of the length of an overhang whereby a slide may be inserted into or released from the sheath across said edge portions at the place of such flexure.

2,439,391
ARTIFICIAL MINNOW
Frederic H. Jobson, Jeffersonville, Ga.
Application November 30, 1944, Serial No. 565,856
2 Claims. (Cl. 43—35)

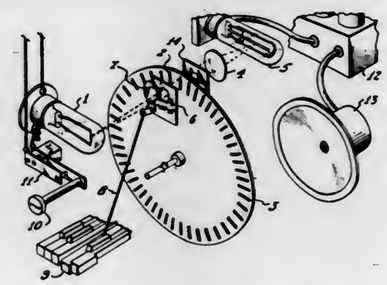
1. An artificial fish lure, comprising a hollow, slotted body formed to resemble a bait, a bore in

the forward end of said body, staples in said bore, pivoted hooks carried by the staples, a spring seated in the bore and encompassing the staples, said spring being adapted to normally hold the hooks in the body, a wedging member movable in the body and having a curved camming face engaging the hooks, a leader carrying the wedging



member, a stop collar on said leader, a spring about the leader contacting the collar for normally urging the wedging member toward the tail of the bait in opposition to the force of which the wedging member moves under the draw of the leader to move the hooks out through the slots into active position.

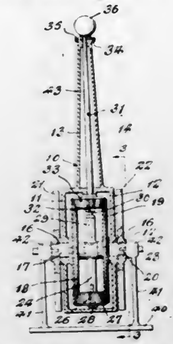
2,439,392
GENERATION OF TONES IN PHOTOELECTRIC MUSICAL INSTRUMENTS
Edward M. Jones, Cincinnati, Ohio, assignor to The Baldwin Company, Cincinnati, Ohio, a corporation of Ohio
Application August 5, 1946, Serial No. 688,576
15 Claims. (Cl. 250—41.5)



1. In a photoelectric instrument, interrupting means for imparting to a beam of light variations at a desired fundamental frequency and a wave form pattern for imparting thereto variations corresponding generally to harmonics of the fundamental, said wave form pattern having progressive variations thereon for producing changes in said last mentioned variations corresponding to minor shifts in the frequencies of said harmonics.

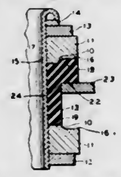
2,439,393
SYNCHRONIZED CONTROL UNIT
Ralph W. Kerr, Bowman, N. Dak.
Application August 3, 1945, Serial No. 608,627
2 Claims. (Cl. 74—471)

1. A control unit for remotely located instruments comprising an oscillatable housing, a hand lever for oscillating said housing, a pair of bevel gears within the housing, said gears each having a hub including an axial opening, said hub being of a length extending exteriorly of the housing, a disk fixed to each extended hub portion, a shaft journalled through the aligned openings of said gears, each disk having an arm for connection to an instrument to be controlled, an operating shaft journalled within said hand lever and a bevel



gear on said shaft in mesh with said first named gears.

2,439,394
GROMMET INSULATING BUSHING UNIT
Samuel J. Lanzalotti, Williamstown, and Max Skobel, Eatontown, N. J., assignors to the United States of America as represented by the Secretary of War
Application July 4, 1945, Serial No. 603,245
1 Claim. (Cl. 174—153)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



In a bushing unit for passing an electrical lead through an opening in a plate of conducting material and insulating said lead from said plate, the combination of a unitary sleeve of elastic insulating material, said sleeve comprising a tubular body having an outside diameter to allow it to be slidably inserted into said opening and to make a snug fit therein and a shoulder extending radially outwardly from said body at one end thereof to allow it to abut one surface of said plate, the other end of said body being of greater longitudinal dimension than the longitudinal dimension of said shoulder so that, upon longitudinal compression of the sleeve, the unshouldered end of the body may be expanded radially outwardly so as to be of substantially the same size and configuration as the said shoulder and so as to abut the other surface of said plate, two tubular bushings of rigid insulating material coaxial with said sleeve and positioned at opposite ends respectively of said sleeve and of greater outside diameter than the inside diameter of the opening in the plate so that said bushings may not pass through said openings, two annular eyelet terminals of conducting material coaxial with said sleeve and bushings and abutting the outer surfaces respectively of said bushings, the inside diameters of said sleeve, bushings and terminals being substantially alike, a grommet-type post extending through said sleeve, bushings and eyelets and being of a length to press said terminals toward each other against

said bushings and to press said bushings toward each other and thereby compress said sleeve longitudinally so as to expand the unshouldered end of the body radially outwardly to substantially the size and configuration of the shoulder and to press said expanded portion against one surface of said plate and to press the shoulder against the other surface thereof so as to tightly grip said plate therebetween and to insulate the post and terminals from said plate and to act as a vibration isolator.

2,439,395

FIRE-RESISTANT COATING COMPOSITION

Martin Leatherman, Hyattsville, Md.

No Drawing. Application June 30, 1945, Serial No. 602,647
3 Claims. (Cl. 260—30.6)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A composition for rendering fabric rot- and fire-resistant, comprising the following materials in substantially the proportions stated: 15 lbs. vinyl acetate vinyl chloride copolymer, 5 lbs. n-butyl methacrylate polymer, 10 lbs. tricresyl phosphate, 5.8 lbs. zinc carbonate, 27 lbs. acetone, 27 lbs. of a solvent consisting mainly of aromatic compounds having a specific gravity of about 0.858 and a boiling range from 265° F. to 375° F., 8.7 lbs. mineral spirits, 4.2 lbs. inert pigment, and ½ lb. pentachlorphenol.

2,439,396

FIRE-RESISTANT COATING COMPOSITION

Martin Leatherman, Hyattsville, Md.

No Drawing. Original application June 20, 1942, Serial No. 447,871. Divided and this application June 30, 1945, Serial No. 602,649
5 Claims. (Cl. 260—30.6)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

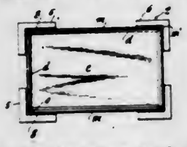
5. A fire-resistant composition for treating yarn, comprising the following materials in substantially the proportions stated: 10 lbs. of a material from the group consisting of polyvinyl chloride and vinyl chloride-vinyl acetate copolymer, 30 lbs. acetone, 6 lbs. zinc carbonate, 2.1 lbs. chromium oxide, 1.2 lbs. Venetian red (ferric oxide), 1 lb. lead chromate, 9.3 lbs. mineral spirits, and ½ lb. zinc naphthenate.

2,439,397

APPARATUS AND METHOD FOR FLANGING METAL-CLAD FIBROUS BASE PANELS

Glenn H. Norquist, Jamestown, N. Y.

Application November 1, 1944, Serial No. 561,389
15 Claims. (Cl. 153—23)



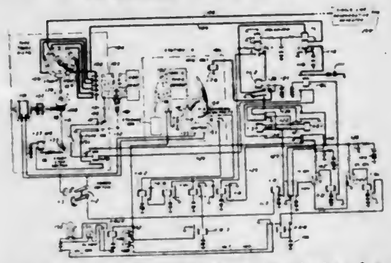
1. A machine for flanging and ribbing metal clad panels of the type which comprises a base sheet bonded to a metal sheet, a corner of the base sheet being notched to define the ends of the flanges to be formed with the exposed corner metal having preformed fold defining lines therein, said machine including a die block having a pair of angularly extending wing sections, said wing sections presenting downwardly inclined flange forming faces meeting in a corner shaped to conform to the contour of the adjacent flanges and corner of the completed flanged panel to be formed, said wing sections presenting a substantially vertical riser face extending downwardly from the lower edge of each of said flange forming faces, and pressure means including a pressure block having its marginal edges confined within the main center section of the panel operative to drive said panel flanges into shaping contact with the forming faces of said die block whereby said die block operates to shape said flanges and bend the corner metal inwardly to form a corner reinforcing rib wedged between the adjacent ends of the formed panel flanges.

2,439,398

TELEGRAPH SYSTEM PROVIDED WITH CHANNEL ASSURANCE AND TRANSMISSION REGULATION

Edward Praixner, Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application February 25, 1944, Serial No. 523,816
33 Claims. (Cl. 178—2)



1. A channel of impulse transmission having two stations intertransmissably related thereto, each having sending means capable of impressing impulses upon said channel and means capable of receiving impulses transmitted by the sending means at the far station in combination with means operable, when neither of said sending means is so impressing impulses upon said channel, repeatedly to send test signals back and forth over said channel at frequent intervals, and means operable by failure of a test signal to arrive to indicate the defective condition of the channel.

2,439,399

PROCESS FOR THE PREPARATION OF ACETYL PEROXIDE

Edward S. Shanley, Kenmore, and Harlow G. Hyatt, Buffalo, N. Y., assignors to Buffalo Electro-Chemical Company, Inc., Tonawanda, N. Y.

No Drawing. Application May 12, 1944, Serial No. 535,392
5 Claims. (Cl. 260—610)

2. The method of making acetyl peroxide which comprises reacting acetic anhydride and hydrogen peroxide in the presence of an ester of phthalic acid.

2,439,400

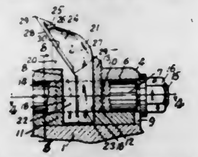
CUTTER CHAIN

Leon E. Simmons, Claremont, N. H., assignor to Joy Manufacturing Company, a corporation of Pennsylvania

Application August 6, 1943, Serial No. 497,629
10 Claims. (Cl. 262—33)

1. In a cutter chain, a chain block, a bit clamp including relatively movable clamping jaws

mounted on said block between which a cutter bit is receivable, said block having a bore extending longitudinally thereof and a slot extending longitudinally along the bottom wall of said bore, and an adjusting member arranged in said bore for adjusting said clamp, said jaws respectively having inner portions extending longitudinally of and lying beneath said adjusting member in



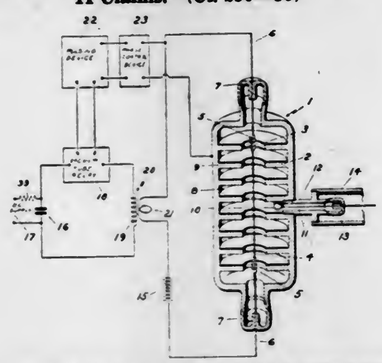
said slot, and said adjusting member having surfaces respectively overlying said jaw portions for holding the latter in said slot, and said inner portion of one of said jaws, upon adjustment by said member, having sliding guided engagement with said slot and the overlying surface on said adjusting member having sliding movement relative to said inner portion of said other jaw while maintaining said latter portion in said slot.

2,439,401

MAGNETRON OSCILLATOR OF THE RESONANT CAVITY TYPE

Charles G. Smith, Medford, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware

Application September 10, 1942, Serial No. 457,809
11 Claims. (Cl. 250—36)



1. An electronic device adapted to cause movement of electrons in curvilinear paths under the influence of a magnetic field, said device comprising an elongated cathode, a plurality of helical anode elements arranged about said cathode substantially concentric therewith, and means for establishing a magnetic field having its lines of force enclosing said cathode and having components of said field lying at right angles to the longitudinal axis of said cathode.

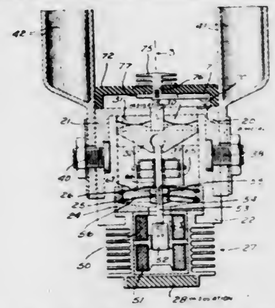
2,439,402

COMBINED ELECTROMAGNETIC AND THERMAL CIRCUIT BREAKER

William E. Stilwell, Jr., Cincinnati, Ohio, assignor to John B. Pierce Foundation, New York, N. Y., a corporation of New York

Application December 5, 1942, Serial No. 467,919
5 Claims. (Cl. 200—88)

1. A circuit breaker comprising, in combination, switch means comprising spaced load-circuit contacts, a bridging contact for cooperation therewith in opening or closing said load-circuit, solenoid means for initiating movement of said bridging contact into open circuit position, an electric circuit for energizing said solenoid means, and a fixed contact and a movable contact in said solenoid energizing circuit, said movable contact including a bi-metallic element in surface en-



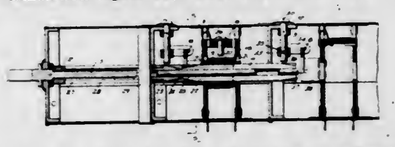
gagement with an element of said switch means and movable toward said fixed contact upon rise in temperature of said switch means element whereby elevated temperature engendered in said switch means element by a predetermined overload condition causes said movable contact to engage with said fixed contact to energize the said solenoid coil and open the load circuit.

2,439,403

VARIABLE INDUCTIVE TUNER

Charles J. H. Victoreen, Dayton, Ohio

Application January 8, 1944, Serial No. 517,517
2 Claims. (Cl. 171—242)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In an adjustable inductance device having a casing, a plurality of frames adjustably carried by the casing, coil means carried by each frame, a core for each coil means, and means carried by the casing for supporting and for simultaneously moving all the cores with respect to the frames: means for adjusting the position of an individual frame with respect to its core comprising a screw carried by the casing, a nut on the screw, a linkage having one end connected to the nut and the other end to the frame, so that rotation of the screw changes the position of such individual frame with respect to its core.

2,439,404

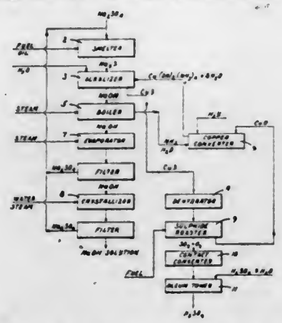
PRODUCTION OF ALKALI METAL AND ALKALINE EARTH METAL HYDROXIDES

Dan B. Wicker, Dunbar, W. Va., assignor to American Viscose Corporation, Wilmington, Del., a corporation of Delaware

Application November 10, 1945, Serial No. 627,914
9 Claims. (Cl. 23—184)

8. A cyclic process for obtaining hydroxides of metals of the group consisting of alkali metals and alkaline earth metals, from the sulfides of the corresponding alkali metals and of the alkaline earth

metals, which comprises reacting the selected sulfide with the aqueous ammonium complex of a metal hydroxide to form a solution of the alkali metal or alkaline earth metal hydroxide and convert the metal of the aqueous ammonium complex to its sulfide, then separating the metal sulfide, subjecting the residue to a boil-off to vaporize



ammonia and water therefrom and condensing the vapors, oxidizing the metal sulfide to the metal oxide, reacting the metal oxide with the recovered aqueous ammonia to re-form the aqueous ammonium complex of the metal hydroxide, and recycling the latter for reaction with fresh alkali metal or alkaline earth metal sulfide.

2,439,405
PULSE COUNTING RELAY SYSTEM
Conrad H. Zierdt, Jr., Pittsburgh, Pa.
Application January 14, 1946, Serial No. 641,155
4 Claims. (Cl. 175—320)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In combination with a source of electrical pulses and an electrically operable device, a relay, a capacitor, a make contact on said relay, means connecting said capacitor and said relay in series with said pulse source, means including said make contact connecting said capacitor and said electrically operable device in series with said pulse source, means for maintaining said contact operated for at least a predetermined time following an initial pulse to said relay, and means for discharging said capacitor following said initial pulse, said capacitor preventing energization of said electrically operable device by said initial pulse and permitting energization of said device in response to a second pulse occurring while said contact is operated.

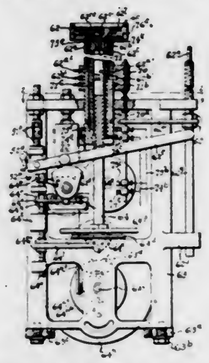
2,439,406
GAUGING-DEVICE ACTUATED LIGHT-BEAM RESPONSIVE SELECTING APPARATUS
Eugene F. Martinec, Cleveland, Ohio
Application March 15, 1943, Serial No. 479,241
31 Claims. (Cl. 209—88)

20. A gauging device comprising a photocell element, a light element positioned to provide a light beam to the cell element, a plurality of selecting circuits controlled by the cell element, control means operated by each circuit, a movable selecting means adapted to select different circuits, a gauging element including a movable member positioned to be affected by the element being gauged and a second movable member con-



nected with said first member to be positioned thereby, means movable with the selecting means adapted by its movement to cooperate with said second member to control the light beam, means controlled by the cell to control said selecting means, and means for shifting the selecting means.

2,439,407
DINNERWARE FINISHING APPARATUS
William J. Miller, Pittsburgh, Pa., assignor to Miller Pottery Engineering Company, Swissvale, Pa., a corporation of Pennsylvania
Original application March 29, 1935, Serial No. 13,683. Divided and this application September 19, 1945, Serial No. 617,221
30 Claims. (Cl. 25—22)

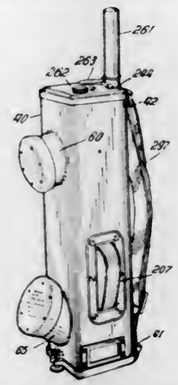


1. In a pottery finishing machine, the combination of ware finishing apparatus comprising a carriage assembly provided with a turret having a plurality of transfer chucks rotatably mounted thereon, another turret mounted in adjacency to the carriage assembly and having swabbing pads and edge-finishing tools, a system of cams and levers for imparting horizontal, vertical and angular motion to the first-named turret to move the ware within operative adjacency of said pads and tools, means for reciprocating and rotating the chucks to finish the ware, and a series of supply ducts terminating in the swabbing pads for conveying a fluid medium thereto.

2,439,408
PORTABLE RADIO TRANSMITTING AND RECEIVING SET
Donald H. Mitchell, Chicago, Ill., assignor to Motorola, Inc., a corporation of Illinois
Application February 20, 1942, Serial No. 431,722
18 Claims. (Cl. 250—13)

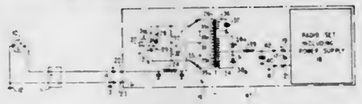
1. A self-contained combination radio receiver and transmitter set adapted to be held in one hand by the operator therefor, and in but one position for both receiving and transmitting in-

cluding a housing member, microphone and earphone means relatively arranged on said housing so as to be simultaneously in position near the mouth and an ear, respectively, of the operator when the set is in said one position, means for supplying all of the energy to said set, combination transmitter and receiver circuit means, with said energy supply means and circuit means



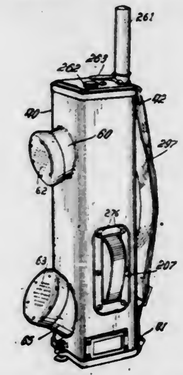
being carried within said housing member, an antenna operatively connected with said circuit means and extending outwardly from said housing member, and switch means for changing the operation of said set as a receiver or transmitter having an actuating portion projecting from said housing and positioned thereon so as to be manipulated by the hand of the operator supporting said set.

2,439,409
SYSTEM FOR PROVIDING AN ENERGIZING DIRECT CURRENT
Donald H. Mitchell, Chicago, Ill., assignor to Motorola, Inc., a corporation of Illinois
Application February 6, 1943, Serial No. 474,950
2 Claims. (Cl. 320—25)



1. In an electrical system which includes a chargeable battery adapted to be charged by direct current of a predetermined polarity, apparatus for supplying charging current of said predetermined polarity to said battery from a low voltage direct-current source of any polarity, comprising means for interrupting the flow of current from said source to provide a pulsating direct current, a transformer for converting said pulsating direct current into alternating current, said transformer including primary, secondary and tertiary windings, said primary winding being connected to said interrupting means and to said current source, said secondary winding having a center tap to provide two secondary portions, a pair of rectifiers connected across said secondary portions, means for connecting said rectifiers to said battery in such manner that the rectified current is of the predetermined polarity for charging said battery and that said battery is prevented from discharging through said system, and a condenser connected to said tertiary winding of such value to provide a closed circuit resonant at the frequency of said alternating current so that the current flowing through said primary winding is substantially zero when said current source is interrupted.

2,439,410
COMBINED RADIO TRANSMITTER AND RECEIVER
Donald H. Mitchell, Chicago, Ill., assignor to Motorola, Inc., a corporation of Illinois
Original application February 20, 1942, Serial No. 431,722. Divided and this application March 31, 1943, Serial No. 481,196
6 Claims. (Cl. 200—16)

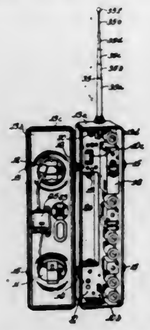


1. An electrical slide switch comprising, a flat longitudinally extending stationary insulating member, a second flat longitudinally extending insulating member linearly movable relative to said first insulating member, first group of contacts spaced longitudinally of said first insulating member, a second group of contacts on said second insulating member cooperating with said first contacts, said first insulating member having apertures therein corresponding to said second group of contacts but laterally spaced therefrom, each of said second group of contacts being inserted through a corresponding slot in said first insulating member and extended laterally away from such corresponding slot for engagement with a corresponding one of said first group of contacts, said other group of contacts slidably supporting said second insulating member on said first insulating member for movement relative thereto.

2,439,411
PORTABLE TWO-WAY WAVE-SIGNAL SPACE-COMMUNICATION SET
Donald H. Mitchell, Chicago, Ill., assignor to Motorola, Inc., a corporation of Illinois
Application July 1, 1944, Serial No. 543,167
10 Claims. (Cl. 250—13)

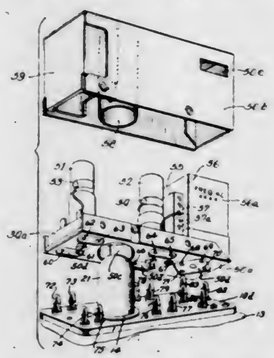
1. A self-contained portable two-way wave-signal space-communication set comprising, an elongated unitary chassis including transmitting and receiving circuit means and a compartment for receiving power supply means for energizing said transmitting and receiving circuit means, signal-transmitting and signal-reproducing devices, an elongated housing enclosing said chassis and said devices and being longitudinally divided into base and cover portions, said chassis being positioned in said housing so that when said base and cover portions thereof are open said power supply means and normally replaceable

elements of said circuit means are exposed for replacement, said compartment being proportioned to receive either non-renewable battery



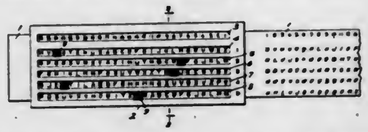
means or a self-contained power converter supply unit and including disengageable connectors for making electrical connections thereto.

2,439,412
MULTISTAGE PLUG-IN FREQUENCY-DETERMINING UNIT
Donald H. Mitchell, Chicago, Ill., assignor to Motorola, Inc., a corporation of Illinois
Application August 4, 1944, Serial No. 548,103
6 Claims. (Cl. 250—14)



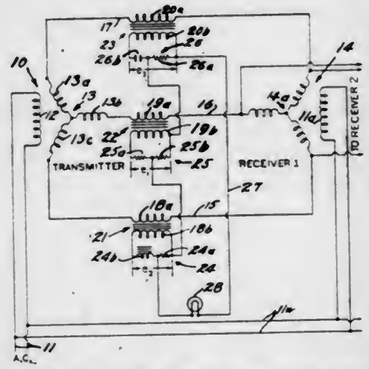
4. A multi-stage plug-in frequency-determining unit for a wave-signal translating apparatus including a circuit connector device having a signal translating vacuum tube mounted thereon and terminals on either side of said vacuum tube connected to the input and output circuits thereof comprising, a chassis member having an opening therein arranged to receive and surround said tube, circuit connector means carried by said member and complementary to said terminals of said device for detachably engaging the same, input and output frequency-determining elements adapted to be connected to said input and output circuits through said circuit connector means, said frequency-determining elements being supported by said member on opposite sides of said opening and arranged so that connection can be made to the proper circuit connector means by short leads, and a cover portion positioned on said chassis member and serving as an electrical shield for said frequency-determining elements.

2,439,413
CRYPTOGRAPHIC SLIDE RULE
Robert M. Mitchell, United States Army
Application October 21, 1943, Serial No. 507,110
6 Claims. (Cl. 35—2)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



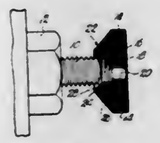
1. A device for enciphering or deciphering secret messages comprising, a rule having a section provided with a plurality of rows of characters arranged in a definite order to form a plain text no character being repeated in the same row, and a second section having a plurality of rows of cipher text formed by arranging the plain text rows in reverse order, and a slider mounted on the rule for movement longitudinally thereof, said slider having slots therein aligned with said rows.

2,439,414
SELF-SYNCHRONOUS SIGNALLING SYSTEM
George Agins, Brooklyn, N. Y., assignor to Arma Corporation, Brooklyn, N. Y., a corporation of New York
Application January 26, 1946, Serial No. 643,778
11 Claims. (Cl. 177—311)



1. In an electrical self-synchronous transmission system wherein an electromechamical transmitter is connected by at least two wires to and drives at least one similar electromagnetic receiver and wherein lag between transmitter and receiver causes currents to flow in the said wires which are in multi-space-phase relation, the combination of phase controlling electrical means including non-inductive resistances interposed in said wires between said transmitter and receiver responsive to said space-phased currents for producing corresponding time-phased currents, means severally connected to said non-inductive resistances for adding said time-phased electric currents vectorially, whereby a current is produced in said second means only when there is lag in the transmission and is substantially unaffected in magnitude by the magnitude of the angle being transmitted, and means connected to said second means for indicating the existence of said current as a warning signal of said lag.

2,439,415
LOCK NUT
Samuel Bloomfield, Wichita, Kans., assignor, by direct and mesne assignments, to C. Earl Hovey, Kansas City, Mo., as trustee
Application July 29, 1944, Serial No. 547,205
1 Claim. (Cl. 151—15)

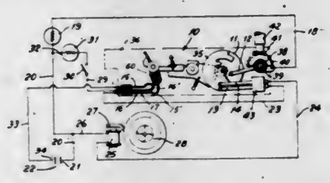


A lock nut for threaded bolts or the like having nuts thereon, comprising a homogeneous body of impressionable material provided with a bore for receiving the bolt or the like; a continuous annular ridge on one end of the body having a diameter greater than the diameter of the said bore, the said end of the body being composed of an inner and an outer annular converging face, meeting at the apex of the ridge, the outer face being wider than the inner face, whereby to provide a space between the nut on the bolt and the lock nut around the said ridge, said inner face merging at its innermost end with said bore, said ridge being thin at its peak to present a line contact concentric with the bolt and the nut thereon; and internal screw threads provided in the bore and along a portion of its length extending inwardly from the said end of the body, the remaining portion of the bore being unthreaded and having a diameter less than the diameter of the threaded portion of the bore.

2,439,416
DEHYDRATION PROCESS
Joseph E. Bludworth, Max O. Robeson, and Harry A. Truby, Jr., Corpus Christi, Tex., assignors to Celanese Corporation of America, a corporation of Delaware
Application April 24, 1945, Serial No. 590,092
6 Claims. (Cl. 260—547)

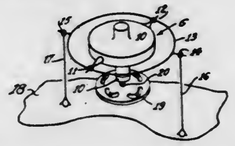
1. Process for the production of propionic acid anhydride, which comprises subjecting propionic acid in a mixture of propionic acid and benzene to catalytic pyrogenic dehydration in the vapor phase at a temperature no greater than 1100° F.

2,439,417
PHOTOFLASH SYNCHRONIZING DEVICE FOR CAMERAS
William Castedello, Stamford, Conn., assignor to The Kalart Company Inc., Stamford, Conn.
Application August 6, 1946, Serial No. 688,741
11 Claims. (Cl. 95—11.5)



1. A synchronizing device of the type described comprising a shaped contact member movably mounted, a contact arm for slidably engaging said contact member and connected in circuit with a flash lamp and a source of current, a second contact arm for slidably engaging said contact member and connected in circuit with a shutter solenoid and the source of current, a third contact arm for slidably engaging said contact member, a pair of yieldable contacts, one of said contacts electrically connected with the third contact arm, the second contact connected in circuit with the source of current, a movable element coacting with the yieldable contacts, said element constructed and positioned to control engagement between said yieldable contacts by the element position, and means for moving said contact member and said element at a predetermined ratio of movement for placing the contact member in engagement with the contact arms at a predetermined sequence and for opening and closing said yieldable contacts at preselected intervals, thereby causing the solenoid and the flash lamp circuits to be energized at a predetermined time relationship to each other.

2,439,418
GYROSCOPE STABILIZING MECHANISM
Charles T. Davenport, Brooklyn, N. Y., assignor to Arma Corporation, Brooklyn, N. Y., a corporation of New York
Application July 27, 1944, Serial No. 546,894
6 Claims. (Cl. 74—5)

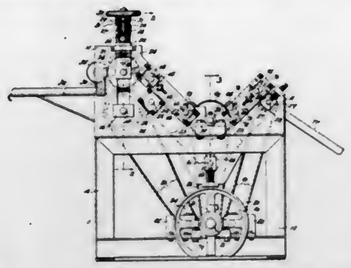


1. An harmonic stabilizing system for vertical axis gyroscopes, comprising at least one eccentric guide displaced from and lying in a plane normal to the gyroscope axis with its center portion displaced further from said axis than its end portions, means for uniformly rotating said guide bodily about said axis in said plane, and a mass normally positioned by centrifugal force in the center portion of said guide, said guide having substantially parallel walls defining a path therebetween of sufficient width to accommodate said mass and to permit synchronous oscillation of said mass to either side of the guide along said path in response to the centrifugal force and gravity during a tilt of said gyroscope to create an erecting couple in the righting plane of said gyroscope.

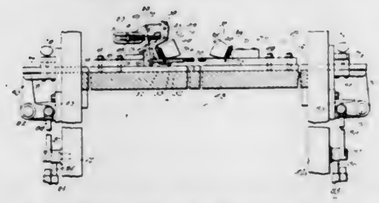
2,439,419
FUR PELT OR SKIN STRETCHING APPARATUS
Carl H. Donner, Summit, N. J., assignor to The Chapal Donner Corporation, Newark, N. J., a corporation of New Jersey
Application July 1, 1946, Serial No. 680,598
16 Claims. (Cl. 69—24)

1. In apparatus of the kind described, a pair of rotated initial stretcher rolls each having axially spaced annular stretcher flanges projecting from their peripheries, the stretcher flanges of one said roll being in staggered and intervening relation to those of the other roll, a rotated ironing and smoothing means having longitudinally reciprocated ironer members mounted around the periphery thereof, and a driven carrier means adapted to receive work discharged

from said initial stretcher rolls and to carry the same into operative engagement with said ironing and smoothing means and thence for discharge from the apparatus.



2,439,420
SHEET REGISTERING MECHANISM FOR PRINTING MACHINES
William K. Eckhard, Newark, N. J., and Edwin W. Goodwin, New Rochelle, N. Y., assignors to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York
Application November 17, 1942, Serial No. 465,898
10 Claims. (Cl. 271—59)



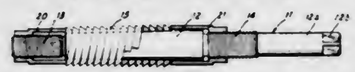
1. In a registering mechanism for side guiding a sheet in a printing machine to laterally position this sheet for side register as it is supported on and moves along a feed plane towards printing position, a roller located in the path of movement of the sheet and freely rotatable about an axis which is obliquely and transversely disposed relative to the feed plane and having a peripheral surface which engages the top surface of the sheet, and also having an annular flange provided with an annular peripheral surface which rotates concentrically about the roller axis and engages an edge of the supported sheet in substantially perpendicular relation to the feed plane to thereby determine the lateral position of the sheet on the said plane, the oblique and transverse disposition of the roller axis causing the annular peripheral surface to present an effective arc to the edge of the supported sheet in the plane thereof of greater radius than the actual radius of the same surface at the sheet-engaging point in a plane perpendicular to the roller axis.

3. In a registering mechanism for side guiding a sheet in a printing machine to laterally position the sheet for side register as it is supported on and moves along a feed plane towards printing position, a non-yieldable guide member located to engage a lateral edge of a sheet as it moves along the feed plane, a rotatably-supported roller, means for suspending the roller from an axis which is remote from the roller for sensitive swinging movement about the said axis towards and away from the guide member to engage the opposite edge of the sheet, and means for biasing the roller for yielding swinging movement towards the guide member to thereby force one edge of the sheet against the guide member to determine the latral position of the sheet on the feed plane.

2,439,421
PROCESS FOR THE PRODUCTION OF DIALKYLATED POLYHYDRIC PHENOLS
Edwin R. Erickson, Niagara Falls, N. Y., assignor to The Mathieson Alkali Works, Inc., New York, N. Y., a corporation of Virginia
No Drawing. Application August 4, 1944, Serial No. 548,136
9 Claims. (Cl. 260—625)

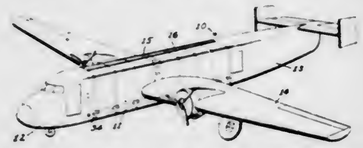
1. In a process for the production of disubstituted polyhydric phenols the improvement which comprises maintaining at a reacting temperature and in contact with one another for a substantial period of time about two molar proportions of a halogen compound in which the halogen is aliphatically bound with about one molar proportion of a polyhydric phenol and about two molar proportions of anhydrous zinc chloride in an alcohol containing from 1 to 3 carbon atoms.

2,439,422
SHEARING TOOL
Ralph Gordon Fear, Reseda, Calif.
Application October 25, 1943, Serial No. 507,533
9 Claims. (Cl. 29—95.1)



1. In a tool for cutting material from an article, which tool is adapted for reception in an actuating device, the combination of: a tool body having an arbor, a portion of which is tapered, and having a shank for reception in such actuating device; a helical cutting member in the form of a thread removably secured around said arbor, said member having a cutting edge formed at an angle of less than about 20 degrees with the plane normal to the axis of said tool body, whereby said cutting edge removes material from such article by shear; and a spacing member removably wound around said arbor between adjacent turns of said cutting member.

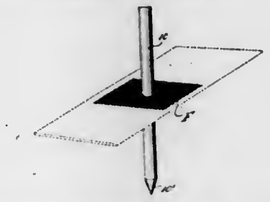
2,439,423
LOCKING AND SAFETY SIGNAL COMBINATION FOR CARGO AIRPLANES
Harlan D. Fowler, San Diego, Calif.
Application December 21, 1942, Serial No. 469,620
8 Claims. (Cl. 244—118)



1. A lock for engaging a part of a device to releasably secure the latter upon a platform comprising: a threaded part carried by said platform, a jackshaft threadedly engaging said part and rotatably mounted therein adjacent said platform, a clamping head rigidly secured upon said shaft above said part, and means to rotate said jackshaft whereby said clamping head may be simultaneously turned and drawn into locking position, or turned oppositely and raised into releasing position.

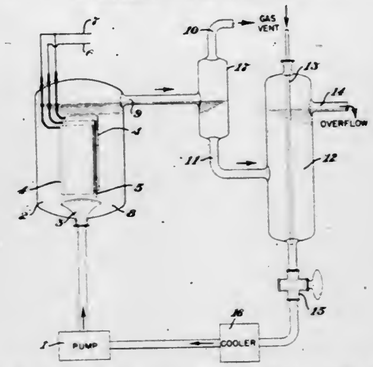
5. An airplane cargo container combination comprising a fuselage having streamlined nose and tail portions and a streamlined platform therebetween having a flat deck, a plurality of removable cargo containers on the deck having a form and volume adapted to fill the space on the platform between the nose and tail portions, locking members on the containers adjacent the outside lower edges thereof, rotatable locking shafts extending vertically through the deck at locations immediately adjacent said locking members when in place on the deck, elements attached to said shafts and extendable by rotation of said shafts, said elements being located above the deck and having a length sufficient to overlie the next adjacent locking member and having a lateral extension into potential engaging position with said locking members and a vertical extension toward and away from said locking members for tightening and releasing said containers and a support for each shaft, and a common longitudinally extending shaft on each side of the platform attached to the respective vertically extending shafts having a control therefor located in said nose portion.

2,439,424
METHOD OF PRODUCING COMPRESSED WIRE UNITS
Alfred M. Goodloe, Montclair, and Otto H. York, Maplewood, N. J., assignors to Metal Textile Corporation, West Orange, N. J., a corporation of Delaware
Application January 16, 1945, Serial No. 573,096
1 Claim. (Cl. 140—71)



The method of producing a perforate compressed wire mesh body of the kind and for the purposes described comprising piercing a flat extend of knitted wire mesh fabric by a mandrel sized to determine the internal dimension of the body so that said mandrel extends substantially centrally through the fabric and perpendicular to the plane thereof, disposing the mandrel to extend axially through and in spaced relation to the sides of the cavity of a mold sized to determine the external dimension of the body, then folding the fabric about the mandrel to provide contiguous laterally lapping folds and plies substantially parallel to the mandrel axis, such folded formation being disposed in the mold cavity within the space between the mandrel and the cavity sides, and then axially compressing said folded formation within the mold cavity between the sides thereof and said mandrel, under pressure of selected magnitude, whereby to longitudinally collapse the fabric folds and plies upon themselves so that the same and the wires thereof are interentangled and interlocked to thereby consolidate the same into a substantially dense self form sustaining perforate body mass.

2,439,425
PROCESS FOR PREPARING DIALKYL ESTERS OF DICARBOXYLIC ACIDS
William F. Gresham, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application April 1, 1946, Serial No. 658,742
8 Claims. (Cl. 204—72)



1. A process for preparing dialkyl esters of dicarboxylic acids of the empirical formula

$$(CH_2)_{2n}(COOH)_2$$

in which n is any integer, which comprises subjecting a methanol solution of a monoalkyl ester of a dibasic acid of the empirical formula $(CH_2)_n(COOH)_2$, and a trimethylamine salt of the said ester, to electrolysis and thereafter separating the resultant dialkyl ester of a dicarboxylic acid of the empirical formula

$$(CH_2)_{2n}(COOH)_2$$

from the electrolysis product.

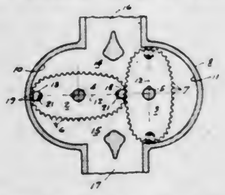
2,439,426
CONVERSION OF SATURATED ALIPHATIC CARBOXYLIC AMIDES TO NITRILES
William F. Gresham, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 27, 1946, Serial No. 686,724
7 Claims. (Cl. 260—465.2)

1. A process for the synthesis of nitriles which comprises passing an amide of a carboxyalkane having from 2 to 20 carbon atoms per molecule, with carbon monoxide and steam, over a water-gas reaction catalyst at a temperature of about 200° to 475° C., and thereafter separating from the reaction mixture the nitrile produced by the ensuing reaction.

2,439,427
REPLACEABLE TOOTH STRUCTURE
Francis W. Guibert, Los Angeles, and Frederic B. Fuller, Whittier, Calif.; said Fuller assignor to said Guibert
Application April 20, 1943, Serial No. 483,758
2 Claims. (Cl. 74—460)

1. In a structure adapted to be subjected to fluid under pressure: a rotor having mutually perpendicular major and minor axes of symmetry and provided with teeth, each of which extend across the periphery of the rotor, and which are adapted to interengage with similar teeth on another rotor; a pair of inserts respectively at

opposite ends of the major axis and each insert, including one or more teeth that serve to complete the required number of teeth on the periphery of the rotor; said rotor having parallel sided recesses opening into the periphey for the accommodation of said inserts, said inserts having sides co-operating with the recesses, each of said inserts also



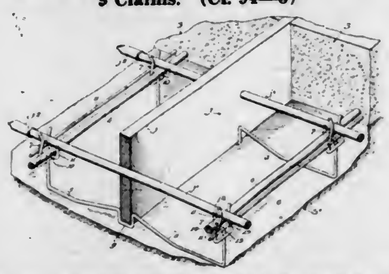
having an inner surface seating on the bottom of the respective recess, the depth of the recess determining the position of the teeth on the insert with relation to the other teeth on the rotor; and means co-operating with the bottom of the recesses for fastening said inserts tightly within the respective recesses.

2,439,428

COMBINED BAR SUPPORT AND SPACER

Bror Hillberg, Chicago, Ill., assignor to Superior Concrete Accessories, Chicago, Ill., a partnership

Application May 16, 1945, Serial No. 594,116
9 Claims. (Cl. 94—8)



1. In combination with parallel substantially horizontal bars, a combined bar support and spacer comprising a plurality of parallel substantially horizontal wire formed crossrods corresponding in number to, positioned respectively beneath, and disposed in parallel relation with, said bars and having the ends thereof bent upwards and arranged so that their upper extremities underlie and support the ends of the bars, separately formed U-shaped, small sized, wire formed chairs having the central portions of their cross pieces welded to certain side portions of the upwardly extending ends of the crossrods and the upper ends of the side pieces thereof shaped to form the sides of open top restricted entrance variety pockets for the ends of the bars, and a spacer rod extending at right angles to the crossrods and serving to hold the latter against relative lateral displacement.

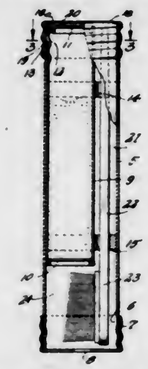
2,439,429

COMBINED DENTAL POWDER DISPENSER AND BRUSH HOLDER

Frank J. Hofmann, New York, N. Y.

Application August 25, 1945, Serial No. 612,656
1 Claim. (Cl. 132—84)

In combination, a cylindrical outer case, a closure for the lower end of said case, the upper end of the case having screw threads and a dispensing opening, a closure cap threaded on said screw threads and provided with a dispensing opening which may be moved into registration and out of registration with the first-named dispensing opening by turning said closure cap on said screw threads, a dentifrice powder container disposed in the outer case and provided with a dispensing opening registered with the first named dispensing opening, said container having an open upper



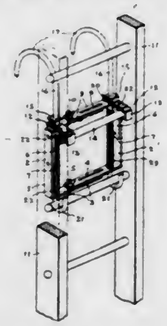
end closed by said closure cap and being considerably smaller than the outer case, clips enclosing said container partly and securing the same within the outer case in eccentric position therein, the container also being shorter than the outer case, and a tooth brush having its brush head disposed between the lower ends of the outer case and the container and its handle between the adjacent sides of the outer case and container and withdrawable through the lower end of the outer case.

2,439,430

HOOK ATTACHMENT FOR LADDERS

George K. Hurd, Toronto, Ontario, Canada

Application May 20, 1946, Serial No. 671,016
4 Claims. (Cl. 228—51)



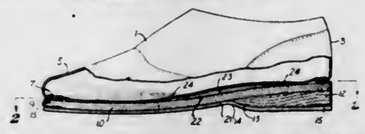
1. In a hook attachment for ladders, a pair of U-shaped frame members having their open ends overlapping and slidably adjustable, means for slidably connecting and locking the overlapping portions of said frame members to form a rigid frame to fit between the side rails of a ladder, a pair of hook bars mounted one on each of said frame members to engage a ladder rung, an anchor hook member slidably mounted in each of said frames having a hook end to engage and interlock with an adjacent ladder rung, and spring means for holding said anchor hook members in an extended position.

2,439,431

SHANK REINFORCED SHOE CONSTRUCTION

Melville Kaufmann, Los Angeles, Calif.

Application September 5, 1944, Serial No. 552,725
4 Claims. (Cl. 36—8.5)



1. In a casual shoe construction, an upper, the lower edges of which are turned inwardly and secured to the outer surface of an insole, a midsole comprising a sole portion of relatively thick cushioning material and a heel lift with a lower face tapered to form an arched surface, said heel lift being formed to provide a longitudinally longer area of support for the outer portion of the heel than the inner, said midsole being shaped to extend completely over the lower surface of said insole, a stiff supporting element positioned between the insole and midsole unit to distribute pressure on the shoe between the tread and heel and thereby relieve stress on the arched portion, a covering of relatively thin material turned in about and covering the edges of the midsole, means securing the upper surface of said midsole and said thin covering to the insole, an outsole coextensive with the area of the midsole, said outsole being attached to said midsole unit and conforming to the arch therein.

2,439,432

AMMONIATION OF FERTILIZERS

Frank G. Keenen, Swarthmore, Pa., and Ralph L. Dodge, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application September 27, 1943, Serial No. 504,066
1 Claim. (Cl. 71—43)

The process for producing fertilizer which consists essentially in mixing an acid superphosphate substantially simultaneously with calcium cyanamide, which reacts exothermally therewith, and with ammonium bicarbonate, which reacts endothermally therewith, in the proportions such as that there are added from 4 to 16 parts by weight of calcium cyanamide per 100 parts of super-phosphate, and 1.5 to 3 parts by weight of ammonium bicarbonate per part of calcium cyanamide, whereby the heat absorbed during the endothermic reaction with ammonium bicarbonate is substantially compensated by the heat given off during the exothermic reaction of the super-phosphate with the calcium cyanamide, and reversion of the phosphate to compounds which are substantially unavailable as fertilizers is prevented.

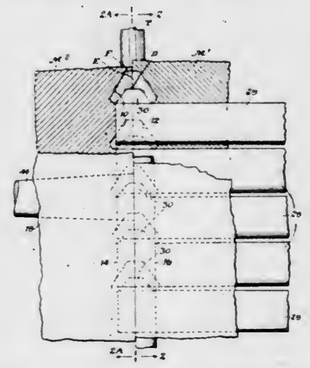
2,439,433

MOLD FOR SLIDE FASTENERS

Joseph N. Kuzmick, Clifton, N. J., assignor to Conmar Products Corporation, Newark, N. J., a corporation of New Jersey

Application May 3, 1944, Serial No. 533,989
11 Claims. (Cl. 18—42)

8. A mold for molding a plurality of slide fastener elements directly on the edge of a tape, each of said elements having a pocketed head with a sloping front wall, said mold comprising a cover die and an ejector die reciprocable toward and away from the cover die with the tape therebetween, said die portions having cavities defining a plurality of slide fastener elements spaced along the edge of the tape, a plurality of cores for defining the pockets in the heads, each core being carried on the longitudinal edge of a flat core bar near one end of the core bar, said core bars being slidably received in the ejector die for movement in the direction of movement of said die, said core bars when viewed in section



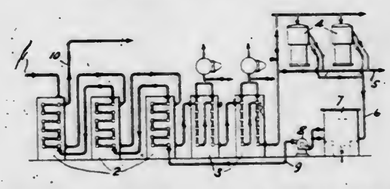
being tilted at an angle approximately the same as the angle of the front wall of the element head, said cover die having a sprue-hole leading to gate passages at the parting plane, said gate passages terminating in gates extending upwardly along and transversely of the core bars and leading into the bottom edges of the front walls of the element heads, and means connecting said core bars for movement in unison, whereby on opening of the die the cores may be moved to a position intermediate the cover and ejector dies, thereby separating the elements from the ejector die.

2,439,434

METHOD AND APPARATUS FOR DEWAXING OILS

Hans Olof Lindgren, Smedslatten, Sweden, assignor to Aktiebolaget Separator-Nobel, Stockholm, Sweden, a corporation of Sweden

Application April 26, 1946, Serial No. 665,238
In Sweden October 8, 1945
13 Claims. (Cl. 196—18)

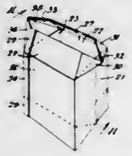


1. In the process of dewaxing mineral oils, tars, distillation and transformation products thereof and similar products, in which the wax-bearing oil is chilled in countercurrent heat exchange relation to a flowing heat absorbing liquid and in which wax and substantially wax-free oil are separated from the chilled wax-bearing oil and in which the separated dewaxed oil is utilized as the

heat absorbing liquid, the improvement which comprises maintaining throughout the heat exchange system a predetermined temperature differential between the heat-absorbing dewaxed oil and the wax-bearing oil by chilling with a chilling medium the dewaxed oil in the course of its flow in heat exchange relation with the wax-bearing oil.

12. In an oil dewaxing plant having a device for chilling the wax-bearing oil to a temperature at which the wax precipitates in a form suitable for separation of the wax from the oil, a separator connected to the outlet of said device and operable to separate the chilled product therefrom into wax and dewaxed oil, and a heat exchanger having a duct connected to the inlet of the chilling device for delivering the wax-bearing oil thereto, the exchanger also being connected to the dewaxed oil outlet of the separator, the improvement which comprises two additional ducts in substantially concentric relation to said wax-bearing oil duct, the three ducts defining a central passage, an intermediate annular passage and an outer annular passage, said intermediate passage being connected to flow the dewaxed oil from the separator in countercurrent relation to the wax-bearing oil in one of said central and outer passages, and inlet and outlet connections to the other of said central and outer passages for flowing therethrough a cooling medium in countercurrent relation to the dewaxed oil flow in the intermediate passage.

2,439,435
MOISTUREPROOF PACKAGING
Ralph R. Richardson, Chicago, Walter T. Ritter, River Forest, and Robert O. Ragan, Oak Park, Ill., assignors to Chicago Carton Company, Chicago, Ill., a corporation of Delaware
Application July 7, 1944, Serial No. 543,826
2 Claims. (Cl. 229—37)



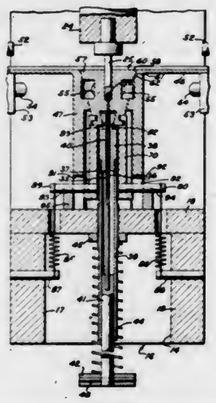
1. A package comprising a moistureproof paper board rectangular tubular side wall structure, and an end closure embodying an insert element extending substantially across an end of the tubular structure, end portions of one pair of relatively opposed side walls being folded inwardly over said element substantially into face-to-face contact therewith and adhesively secured thereto, end portions of the other pair of side walls being folded outwardly and having portions thereof refolded upon themselves in continuation of the inward folding of said end portions of the first pair of side walls, said insert element having end portions extending between the said outwardly extending and refolded end portions, said last mentioned end portions and said insert end extensions being also folded downwardly substantially into face-to-face contact with the outside of said other pair of side walls, said inwardly folded and refolded portions having their free ends spaced from each other so as to cooperate with said insert element to form a channel extending continuously across the end of the box and downwardly substantially to the ends of said downwardly folded portions, and a filler of water-insoluble adhesive material in said channel.

2,439,436
HAIRPIN
William H. Rothe, Irvington, N. J.
Application August 20, 1945, Serial No. 611,511
2 Claims. (Cl. 132—50)



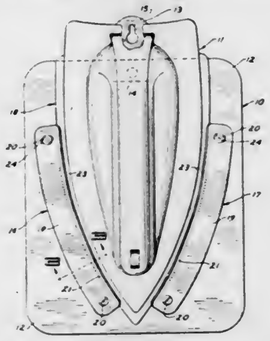
2. A hairpin made of flat spring strip material doubled upon itself to provide opposed bottom and top sections joined by an end loop of substantial radius and substantial length having convergent leg portions terminating in transversely aligned and opposed mutually abutting stop bends, said bottom section having a downwardly bowed arcuate hump of substantial length extending from one said stop bend, said top section having an upwardly bowed arcuate hump of corresponding length extending from the other stop bend and opposed to said hump of the bottom section, said humps respectively terminating in opposed transversely aligned and mutually abutting additional stop bends, said end loop and opposed humps being adapted to provide enclosed adjoining hair receiving spaces of substantial capacity at the closed end portion of the hairpin, said bottom section terminating beyond its hump in a shallowly curved up-bowed free end portion, and said top section terminating beyond its hump in a free end portion provided with a plurality of keeper humps disposed to oppose the up-bowed bottom section free end portion whereby to provide a plurality of keeper humps adapted to define and enclose a plurality of additional relatively small hair receiving spaces adjacent the open end of the hairpin, each said keeper hump comprising an inner relatively long ascending side and an outer relatively short and relatively steeply pitched divergent descending side.

2,439,437
APPARATUS FOR FORMING GLASS BEADS ON METALLIC ELEMENTS
John S. Stull, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application July 14, 1944, Serial No. 544,918
3 Claims. (Cl. 49—66)



1. In an apparatus for accurately forming a glass spacer element on the output lead of an electronic tube, means for supporting the output lead, means operable to move said supporting means, means surrounding said supporting means to guide it in its movement, a tubular member surrounding said guiding means and reciprocable with respect thereto, a support member surrounding said reciprocable tubular member, a plurality of die members having cam surfaces to engage the support member and supported jointly by said support member and by said tubular member, a cam member on said guiding means, other cam surfaces on the die members for cooperating with the cam member on the guiding means to effect the opening of said die members when the tubular member is moved in one direction, and cam surfaces on the support member for cooperation with the first mentioned cam surfaces on the die members to effect the closing of the die members when the tubular member is moved in the opposite direction.

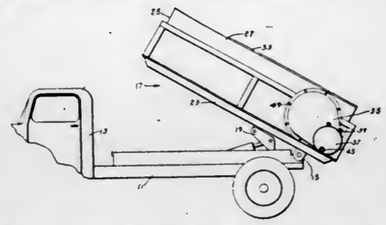
2,439,438
HOLDER FOR PRESSING IRONS
Leslie Thomson, Minneapolis, Minn.
Application May 6, 1946, Serial No. 667,627
2 Claims. (Cl. 248—117.2)



1. In a pressing iron holder of the character described, a plate of heat resisting material adapted to be hung in an upright position from a support, retaining means for the iron comprising downwardly converging members attached to the forward face of the plate and projecting angularly forward therefrom for laterally engaging the iron and holding it in a point down position on the plate, and said members being pivotally attached at lower ends to the plate and relatively swingable at upper ends about said pivots to vary the spacing between the members and fit them to irons of different widths.

2,439,439
SIDE DUMP TRUCK BODY
Ralph Abraham, Memphis, Tenn., assignor to Seth E. Giem River Unit, Memphis, Tenn., a partnership
Application September 19, 1946, Serial No. 697,965
6 Claims. (Cl. 298—18)

6. A dump truck body having a bottom, front, side and rear walls, and a partial closure top extending forwardly from said rear wall; one said side wall having a discharge opening therethrough adjacent its rear end; said rear wall extending from the rear of said opening forwardly at an angle in excess of thirty degrees across said body to the opposite said side wall, a discharge chute surrounding said opening and extending laterally away from said wall therearound, and a manually



operable closure gate for the outer end of said chute.

2,439,440
METHOD OF MAKING DISINFECTANT HYDRAULIC CEMENT
Charles Rhodimer Amberg and William John Knapp, Alfred, N. Y., assignors to North American Cement Corporation, Catskill, N. Y., a corporation of Delaware
No Drawing. Application October 7, 1942, Serial No. 461,228
2 Claims. (Cl. 106—15)

1. The method of making a disinfectant cement for forming concrete structures without materially adversely affecting the set-up and strength of said concrete which comprises mixing between about 0.1% and about 3% of pentachlorophenol with cement clinkers prior to the grinding, using said pentachlorophenol as a grinding aid, and leaving the pentachlorophenol in the cement to act as a plasticizer and disinfecting agent in the final cement.

2,439,441
DISINFECTANT HYDRAULIC CEMENT AND METHOD OF MAKING THE SAME
Charles Rhodimer Amberg and William John Knapp, Alfred, N. Y., assignors to North American Cement Corporation, Catskill, N. Y., a corporation of Delaware
No Drawing. Application February 8, 1943, Serial No. 475,166
2 Claims. (Cl. 106—15)

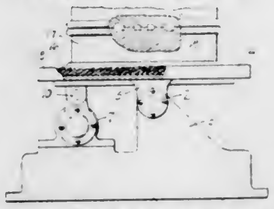
1. The method of making a disinfecting cement forming strong structural materials, such as concrete, stucco, plaster and the like, which comprises mixing a disinfectant agent composed of a polyhalogenated phenol and a copper compound with the cement clinkers prior to their grinding, using said disinfectant agent as a grinding aid, and leaving said agent in the cement to act jointly as a plasticizer in the final cement.

2,439,442
PROCESS OF MAKING HYDROPHILIC CARBON BLACK
Fred H. Amon, Weston, and Fred S. Thornhill, Hyde Park, Mass., assignors to Godfrey L. Cabot, Inc., Boston, Mass., a corporation of Massachusetts
No Drawing. Application February 6, 1943, Serial No. 475,050
2 Claims. (Cl. 23—209.1)

1. A process for the production of paste of hydrophilic carbon black, which comprises the steps of combining granular carbon black with sodium hypochlorite in proportions of about 100 grammes carbon black to 300 cc. of water and 300 cc. of 10% NaOCl until exothermic reaction

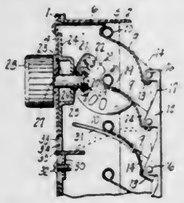
takes place, thereby forming a sludge of 8–9 pH, acidifying the sludge to bring its pH to about 2, filtering the acid sludge, washing until black begins to disperse in the wash water, and partially drying at a temperature not substantially over 100° C.

2,439,443
CASTING APPARATUS FOR VIBRATING MOLDS
Irving E. Aske, Muskegon, Mich.
Application March 3, 1944, Serial No. 524,852
2 Claims. (Cl. 22—57)



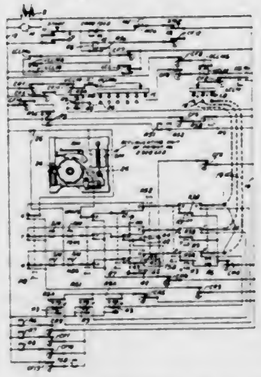
1. In a casting apparatus, a mold, a rockingly mounted table provided with a bed of granular material upon which said mold is supported, and means for rocking said table, said table having a peripheral rim for retaining the granular material thereon, said mold being supported by the granular material within and in spaced relation from said rim and being displaceable both horizontally and vertically relative to the plane of the table and being loosely supported on said granular material to facilitate during oscillation of the table displacement of the mold both horizontally and vertically relative to the plane of the table, and movement of the mold in an orbital path, and a downward acceleration to the mold not substantially greater than the acceleration of gravity.

2,439,444
VALVE MECHANISM FOR REGISTERS AND THE LIKE
Kenneth L. Babcock, Muskegon, and Robert L. Leigh, Grand Rapids, Mich., assignors to Air Control Products, Inc., Coopersville, Mich., a corporation of Michigan
Application May 19, 1945, Serial No. 594,780
7 Claims. (Cl. 98—110)



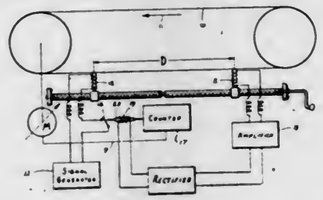
1. In a structure of the class described, the combination with a supporting frame comprising a top member and side members, the top member having a downturned flange of forwardly curved section spaced forwardly relative to the rear edges of the side members, of a grille provided with a vertically disposed bar portion, a support member secured to the rear side of said bar portion of said grille, said support and bar portion having registering vertical slots, a plurality of louver-like valve members of rearwardly curved section having their upper edges rolled to provide beads and extended at their ends to constitute pintles engaging said frame side members, the lower edges of said valve members having angularly disposed flanges overlapping and engaging the rear sides of adjacent valve members below the pivot axes thereof when the valve members are closed, the bead of the upper valve member engaging the said flange on said top frame member, pivot ears disposed on the rear sides of said valve members adjacent their lower edges, a connecting link for said valve members pivotally connected to said ears, a segmental rack secured to one of said valve members concentric with its axis, said rack being of concavo-convex section and having a series of holes in the curved portion thereof, a coacting gear having angularly disposed teeth engaging said holes in said rack, a spindle for said gear mounted on said grille and support and provided with a finger piece at its outer end, a spring arranged between said support and said gear and acting to yieldingly urge the teeth of said gear into engagement with the inner ends of said holes in said rack, an adjustable stop provided with a lug projecting into said slots in said support and bar, a screw arranged through said slots and having threaded engagement with said stop for adjustably supporting the same, and an arm on one of said valve members coacting with said stop on said grille.

2,439,445
COMBINATIONAL CODE ENTRY CONTROLLING MEANS FOR ACCUMULATORS
Horace S. Beattie, Poughkeepsie, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application December 9, 1944, Serial No. 567,435
10 Claims. (Cl. 235—61.6)



1. In a machine controlled by a card having holes arranged at index point positions according to a 4-hole code, representing digit entries 1, 2, and two other digit entries, which entries singly or in combination represent all digits 1–9 of the decimal system, means for sensing said index point positions to ascertain the presence of digit representing holes, an accumulator unit of the type wherein the digit entry in an accumulator element is initiated by an impulse transmitted to a start magnet, and is terminated by an impulse transmitted to a stop magnet, cyclically operable impulse transmitting means for transmitting successive impulses to said stop magnet timed to occur at three different times, one to terminate either the 2 or 1 digit entry whenever the entry has been previously initiated by the sensing of the corresponding 2 or 1 hole, and the remaining two impulses to terminate the two other digit entries, and means under control of said sensing means to transmit an impulse to said start magnet to initiate a digit entry corresponding to the digit representing hole sensed.

2,439,446
CONTROL CIRCUIT FOR SIGNAL RECORDING AND REPRODUCING SYSTEMS
Semi Joseph Begun, Cleveland Heights, Ohio, assignor to The Brush Development Company, Cleveland, Ohio, a corporation of Ohio
Application November 29, 1944, Serial No. 565,736
2 Claims. (Cl. 234—1.5)

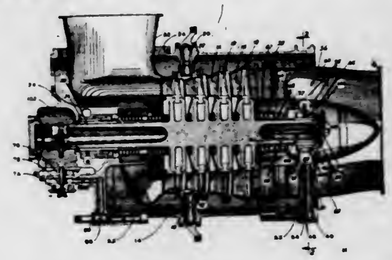


1. A control system comprising, a record member, means for moving said record member, normally closed signal recording circuit means including recording head means, signal reproducing circuit means including reproducing head means spaced apart from said recording head means along the path of motion of said record member, circuit opening means in said normally closed signal recording circuit means, electrical circuit means interconnecting said signal reproducing circuit means with said circuit opening means for opening said circuit only while said signal reproducing means reproduces a signal recorded on said record member, and means for moving at least one of said head means with respect to the other head means for altering the time delay between the recording and the reproducing of a given signal on said record member.

2. A control system comprising, a record member, means for moving said record member, normally closed signal recording circuit means including recording head means, signal reproducing circuit means including reproducing head means spaced apart from said recording head means along the path of motion of said record member, circuit opening means in said normally closed signal recording means, electrical circuit means interconnecting said signal reproducing circuit means with said circuit opening means for opening said circuit only while said signal reproducing means reproduces a signal recorded on said record member, and means for changing the rate of motion of said record member for altering the time delay between the recording and the reproducing of a given signal on said record member.

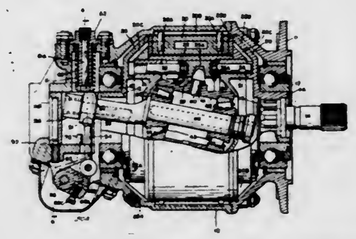
2,439,447
TURBINE BEARING CONSTRUCTION
Richard S. Buck, Glastonbury, and Walter A. Ledwith, Hartford, Conn., assignors to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application January 28, 1944, Serial No. 520,065
14 Claims. (Cl. 308—77)

2. A bearing construction including a housing member, a rotor, a bearing for said rotor, a mounting member for said bearing located within the housing member, removable pins extending inwardly from said housing member and engaging and supporting said mounting member, said pins



being slidable in one of said members to provide for relative expansion between said members, and means for supplying fluid to said bearing through one of said pins, said one pin having a longitudinal passage therein for the fluid.

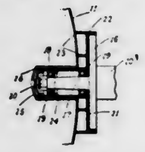
2,439,448
FLUID PUMP
Cecil C. Buckner, Grosse Pointe Park, Mich.
Application November 12, 1943, Serial No. 509,959
5 Claims. (Cl. 103—162)



1. A fluid pump consisting of a substantially cylindrical casing provided with centrally located inlet and outlet ports diametrically opposite each other, a non-rotatable valve ring within said casing and having inlet and outlet ports in its periphery registering with the casing ports, said valve ring enclosing two passages extending through said ring from edge to edge and separated by helically arranged walls so that the beginning of one passage lies opposite the ending of the other longitudinally of the ring, each passage communicating with one of the peripheral ports, a rotor within said casing and valve ring and carrying a plurality of pairs of pump cylinders, each pair having its members in axial alignment and parallel with the axes of said rotor and valve ring, and its outer ends in communication with the passage ends in said valve ring, said pairs arranged as a cylindrical assembly, a piston in each of said pump cylinders, a rotatable cage within said assembly and carrying a plurality of projecting pins each of which is adapted to coact with the pistons of a pair of pump cylinders whereby to oscillate the same, a shaft about which said cage is rotatable, said shaft having a portion projecting from one end of said rotor and adapted to be movable from a position wherein its axis coincides with the axis of the rotor to a position wherein the axis of said shaft is at an angle to the axis of said

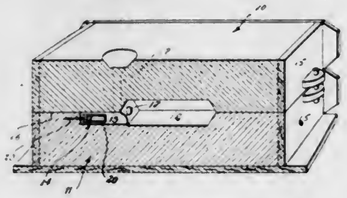
rotor, means for determining the position of said shaft and thereby the amount of oscillation of said pistons, said means consisting of a plunger actuable by fluid pressure from the pump outlet to move said shaft toward rotor-concentric position and adjustable spring means arranged to oppose the action of said plunger, and means to rotate the rotor.

2,439,449
CULTIVATOR DISC SUPPORTING ASSEMBLY
Joseph Caffese, Stockton, Calif.
Application July 27, 1943, Serial No. 496,293
1 Claim. (Cl. 308—19)



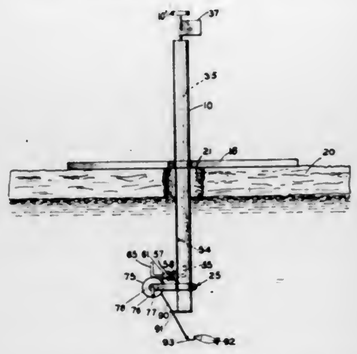
A cultivator disc supporting assembly including in combination with a disc having a central bore, a fixed leg, an enlarged circular head on the end of the leg, a spindle projecting centrally from the head, a rotary housing journaled on the spindle and held against axial displacement, said housing projecting through the bore of the disc with a close running fit, a circular back plate formed with said rotary housing and having forwardly projecting, annular and radially spaced flanges which abut against the back of the disc, another annular flange on said back plate projecting rearwardly and closely overhanging the periphery of said circular head, a disc securing sleeve closely surrounding the rotary housing and abutting against the front of the disc, and a hub threaded into the outer end of the rotary housing and including a portion engaging the outer end of said sleeve in retaining relation thereto and to said disc.

2,439,450
CASTING APPARATUS COMPENSATING FOR SHRINKAGE OF THE CAST MATERIAL
Phillip Campbell, Whittier, and William H. Maxwell, Newport Beach, Calif.
Application April 14, 1943, Serial No. 482,990
14 Claims. (Cl. 22—1)



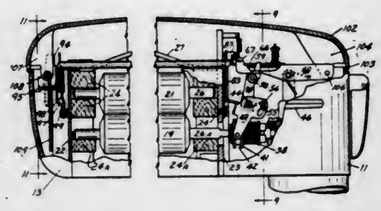
1. In combination with a mold having a casting cavity and a second cavity communicating therewith for the reception of the material to be cast, a body in the second cavity, a charge in the body which generates pressure when subjected to the heat conducted through the body from said material, and a part projected from the body by the charge and into the material to compensate for volumetric shrinkage of the material in the casting cavity.

2,439,451
FISHING TACKLE
George C. Clark, Pontiac, Mich.
Application February 15, 1946, Serial No. 647,885
6 Claims. (Cl. 43—17)



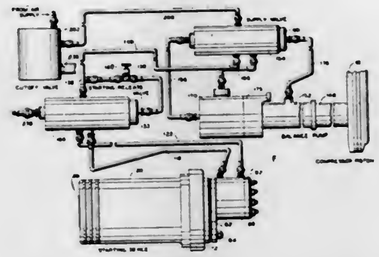
1. In a fishing tackle for ice fishing, the combination of a fluid-tight sleeve, a trigger rod movable in said sleeve, a signal flag carried by said trigger rod, a trigger, a packing gland through which said trigger extends into said sleeve, and means actuated by a striking fish for releasing said trigger to expose said flag.

2,439,452
WRINGER
Fred A. Conterman, Jamestown, N. Y., assignor to Jamestown Metal Equipment Company, Inc., Jamestown, N. Y., a corporation of New York
Application July 24, 1943, Serial No. 496,057
12 Claims. (Cl. 68—253)



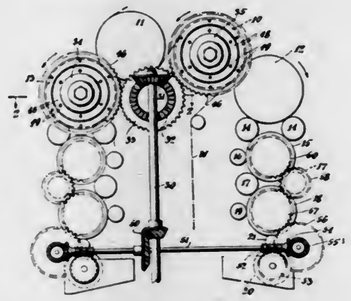
2. In a wringer structure having a frame, a pair of cooperating rolls mounted in said frame, a housing mounting said frame and enclosing a clutch and drive means operatively associated with said rolls, pressure means for said rolls, a cover for said frame and housing, said cover in closed position applying said pressure means to said rolls, a latch mechanism comprising an operable member associated with one end of said cover, said member serving to define a path of movement of said cover when moved under impulse of said pressure means into an open position, operable means securing said member in cover closed position, manual means adjacent said rolls having operative association with and adapted to actuate the member securing means to release said member for movement into cover open position, said member securing means including an oscillatable member having a lost motion connection with said clutch.

2,439,453
STARTING SYSTEM FOR FREE-PISTON UNITS
Kenneth C. Cooper, Portland, Conn., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application August 23, 1944, Serial No. 550,875
8 Claims. (Cl. 60—14)



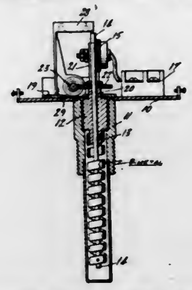
1. In a starting system for free-piston units, each unit having at least one piston, and means for moving said piston in one direction into starting position, said starting system including a source of gas under pressure, a valve for admitting gas from the source to said moving means, means for admitting gas under pressure to the unit for moving the piston in the opposite direction for starting the unit, and means responsive to the position of the piston and operative when the piston reaches starting position for moving said valve to supply gas from said source to said gas-admitting means.

2,439,454
ROTARY PRINTING PRESS
Curtis S. Crafts, Oak Park, Ill., assignor to The Goss Printing Press Company, Chicago, Ill., a corporation of Illinois
Application November 28, 1944, Serial No. 565,449
2 Claims. (Cl. 101—216)



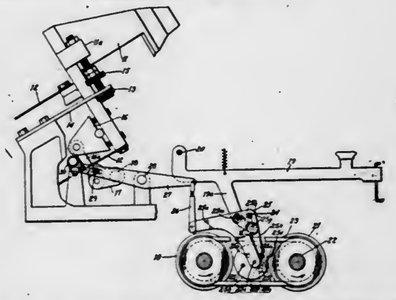
1. In a high speed rotary printing press having a rotary printing couple including plate and impression cylinders, and ink distributing drums to rotate with the cylinders, the combination of driving means for the cylinders and drums including a main drive shaft, resilient means for driving the cylinders from the main drive shaft, gearing interconnecting the cylinders for driving one from the other and separate driving means for driving the ink distributing drums from the main drive shaft.

2,439,455
THERMOSTATIC DEVICE
Ralph W. De Lancey, Meriden, Conn., assignor to The Miller Company, Meriden, Conn., a corporation of Connecticut
Application June 22, 1945, Serial No. 601,014
1 Claim. (Cl. 200—139)



A temperature responsive circuit controller comprising a supporting plate, a mounting bushing secured rearwardly of the plate, an arbor mounted in the bushing, a thermal motor carried by the arbor and including a shaft extending through the arbor and movable about its axis, a contact arm carried by the shaft, a fixed contact cooperable with the arm, a worm wheel carried by the arbor, the supporting plate having a forwardly extending bracket, apertured to one side of the shaft axis, a subframe secured to the plate and having a front opening in line with the aperture and a rear aligned aperture smaller than the other apertures, a worm insertable through the larger apertures and having an end portion receivable in the smaller aperture, the worm being in mesh with the worm wheel, and a spring anchoring the worm in place, the worm being rotatable to vary the tension applied to the thermal motor.

2,439,456
POWER OPERATED CASE SHIFT MECHANISM FOR TYPEWRITING MACHINES
Ronald D. Dodge, Poughkeepsie, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application November 10, 1944, Serial No. 562,789
9 Claims. (Cl. 197—74)



8. In combination with a shift mechanism having a part mounted for movement between two case shift positions, a pair of separate power actuating members; means connected to said part and engageable with both of said members for operation by one or the other of said members according to the position of said part and

including a coupling element and means to engage the coupling element with said members; and means for rendering the engaging means effective in either position of said part, including a key movable in one direction to cause the coupling element to engage one actuating member in one position of the case shiftable part and movable in another direction to cause the coupling element to engage the other actuating member in the other position of the case shiftable part.

2,439,457

ALKYLATION OF BENZENE BY LONG CHAIN POLYMERIC OLEFINS USING SULFURIC ACID CATALYST

John Joseph Donleavy, Montclair, N. J., and Manuel Mannheim Balzer, Flushing, N. Y., assignors to Allied Chemical & Dye Corporation, a corporation of New York

No Drawing. Application February 28, 1947, Serial No. 731,728
7 Claims. (Cl. 260—671)

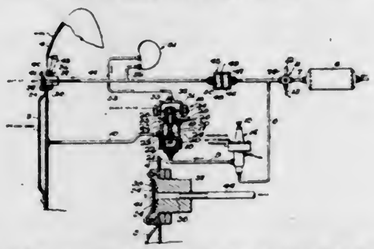
1. In the manufacture of long chain alkyl aromatic compounds by condensation of olefinic reagent comprising a scission-susceptible olefin containing between 8 and 20 carbon atoms with benzene, the improvement which comprises adding the olefinic reagent in a period between about ten minutes and one hour to a dispersion of benzene in a sulfuric acid condensing agent at a temperature between about 5° C. and about 40° C. in amount corresponding to between about ½ and about 2 mols of benzene and at least 2 mols of sulfuric acid per mol of olefin.

2,439,458

FLUID PRESSURE CONTROL MECHANISM FOR AIRPLANE DEICERS

Wilfred A. Eaton, Elyria, Ohio, assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio, a corporation of Delaware

Application April 30, 1943, Serial No. 485,227
9 Claims. (Cl. 244—134)



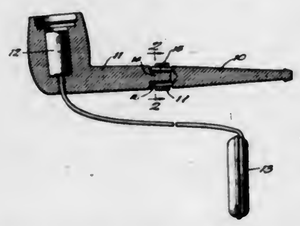
1. The combination with an airfoil having an inflatable device associated therewith for breaking formations of ice thereon, of an orifice positioned adjacent said airfoil and adapted to be restricted by the formation of ice adjacent thereto, a source of fluid pressure, a connection between said source and orifice, means associated with said connection for normally supplying fluid to said connection and orifice at a limited pressure and for increasing said pressure on restriction of said orifice by the formation of ice adjacent thereto and for finally further increasing said pressure to a value sufficient to remove the ice adjacent the orifice, a connection between said source and device, and means associated with said last named connection and operable in response to the initial increase in pressure in said first named connection due to the restriction of said orifice for supplying fluid from said source to said device.

2,439,459

SOUND PICKUP UNIT

William C. Eddy, Michigan City, Ind., assignor to Television Associates, Inc., Chicago, Ill., a corporation of Illinois

Application August 6, 1945, Serial No. 609,173
2 Claims. (Cl. 181—28)



1. A sound pickup unit comprising an elongated two part body whose parts are formed of hard vibration- transmitting material, a sound responsive device carried by one of the parts to set up vibrations therein in response to sounds which are picked up, the other part being relatively long and thin and terminating in a bit to be gripped between the teeth of a user, the parts being formed with interfitting joint portions, compressible material between the joint portions, and adjustable means to vary the compression of the material.

2,439,460

PREPARATION FOR TREATING LAUNDERABLE FABRIC ARTICLES

Herman Engler, New York, N. Y., assignor to Paul Koletzko and C. Alfred Hands, both of New York, N. Y.

No Drawing. Original application August 16, 1944, Serial No. 549,812. Divided and this application July 18, 1946, Serial No. 684,551
1 Claim. (Cl. 106—208)

A preparation useful in laundering, comprising substantially the following proportions by weight of the named ingredients:

	Pounds
Water	20
Gum karaya	¼
Glycerine	3
Sodium borate	½
Emulsified solution	1

said emulsified solution being composed of:

	Pounds
Gum karaya	⅛
Pectin	⅛
Glycerine	1
Water	2

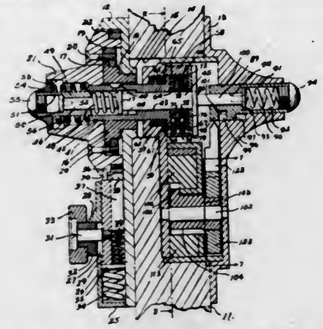
2,439,461

COMBINATION LOCK

Albert M. Finck, Bellevue, Ky.

Application December 6, 1946, Serial No. 714,512
8 Claims. (Cl. 70—133)

1. In a lock, a sliding bolt, means biasing said bolt to a projecting position, retracting means for said bolt, a rotatable member carried by said retracting means, a swingable dog adapted to interlock with said rotatable member, said swingable dog and said rotatable member being formed at their interlocking portions so that the biasing means is effective to cause the rotatable member to move out of interlocking engagement with the dog unless the dog is restrained, a movable member, a lug element carried by said movable member, and means biasing said movable member to a



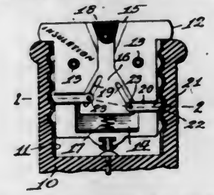
position wherein said lug element is in restraining relation to said dog.

2,439,462

ELECTRIC PLUG AND SOCKET LATCH

Louis Frank, Fellows, Calif.

Application September 20, 1943, Serial No. 503,043
3 Claims. (Cl. 173—360)



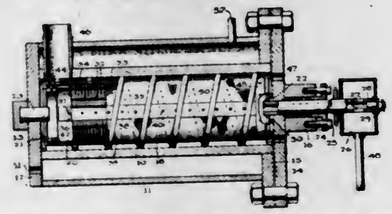
1. The combination with an internally threaded electric socket of an electric contact plug adapted to be positioned in said socket, a member arranged for movement lengthwise within said plug, latching dogs arranged for radial movement at right angles to the axis thereof in said plug, said longitudinally movable member being provided with oppositely inclined slots, pins carried by the inner ends of said latching dogs which pins pass through said inclined slots and the outer end of which longitudinally movable member extends to and lies substantially flush with the outer face of said plug.

2,439,463

OIL-WAX SEPARATOR

Adam H. Gebauer, Short Hills, N. J., assignor to Tide Water Associated Oil Company, Bayonne, N. J., a corporation of Delaware

Application December 18, 1943, Serial No. 514,764
4 Claims. (Cl. 210—201)



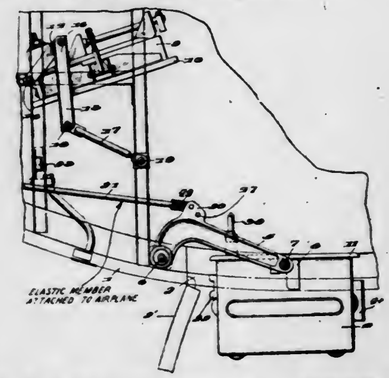
1. A pressure filter adapted for the rapid separation of wax in plastic condition from wax-oil mixtures comprising a filter body provided with an inlet for the material to be filtered and a restricted outlet for the solids separating therefrom, a jacket surrounding said body for circulation of heat transfer medium, a rotary filter element having diverging passages for passage of filtrate through the filter element disposed within and spaced from the filter body to provide an annular space into which the material is fed under pressure and in which the solids collect as they are filtered out, said element being provided with an outlet for the liquid filtrate, means for rotating said element, and means including a member between the filter element and the body closely spaced from said filter element operative on the rotation of said element for cleaning the latter of solids tending to form thereon and for conveying the same to the outlet therefor, said solids outlet being so restricted as to restrict the flow of solids therethrough and form a seal of solids adjacent the solids outlet of a desired consistency and depth to prevent blow-by and permit rapid filtration in continuous operation of the filter.

2,439,464

BATTERY CONTAINER FOR AIRPLANES

Paul F. Good, Baltimore, Md., assignor to The Glenn L. Martin Company, Middle River, Md., a corporation of Maryland

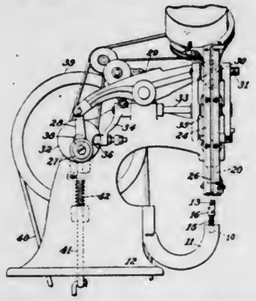
Application January 3, 1947, Serial No. 720,093
6 Claims. (Cl. 136—171)



6. A battery installation for an airplane fuselage having a battery access opening formed therein, including a battery, a battery box and cover separately mounted in the fuselage and so positioned that the cover engages the box and forms a gas-tight container for said battery, a locater and stop bracket mounted on said box and said fuselage to position the box in the cover-engaging position within the fuselage, said battery box being pivotally supported on the upper ends of a pair of levers, the lower end thereof being pivoted to the airplane fuselage, the pivot points being so located that when the box is in the cover-engaging position within the fuselage, the center of gravity is above the pivot points of said levers on said fuselage and between said last mentioned pivot points and said locater and stop so that the box must be moved in an arc upwardly about the pivot points of the levers from the operative position over the pivot points and downwardly until the levers extend the battery box through said opening in the bottom of the fuselage, said cover being movably supported

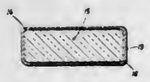
on a linkage mechanism so constructed and arranged that the box cover moves from a box-engaging position, initially vertically and subsequently tilts to the open position, said battery having terminals extending upwardly into the cover, receptacles mounted on said cover to engage said terminals, the opening movement of the cover electrically disconnecting said terminals and releasing said battery box for movement out of said fuselage.

2,439,465
EYELETING MACHINE
Sylvester L. Gookin, Quincy, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application September 4, 1944, Serial No. 552,591
9 Claims. (Cl. 153—1)



1. An eyeleting machine comprising an anvil having an upsetting shoulder and a pilot projecting therefrom, an eyelet-setting tool arranged to co-operate with said anvil, and a sleeve surrounding and bearing on said anvil behind said shoulder, the sleeve being rotatable about the axis of said pilot and movable axially and having a finger in the path of the margin of said tool arranged to wrap a terminal portion of a wire element around said pilot in the form of an eye.

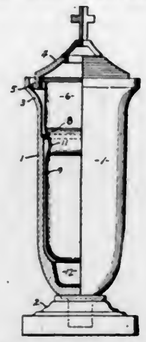
2,439,466
PIEZOELECTRIC CRYSTAL ELEMENT AND METHOD OF FABRICATING SAME
Charles K. Gravley, Cleveland Heights, Ohio, assignor to The Brush Development Company, Cleveland, Ohio, a corporation of Ohio
Application October 20, 1944, Serial No. 559,524
15 Claims. (Cl. 171—327)



1. In the process of fabricating a piezoelectric crystal element, the steps of rounding the edges and corners of said element, subsequently covering said element with a coating of hardenable liquid material, and causing said liquid coating to become hard to form a moisture-proof coating.

2,439,467
CANDLE LAMP
Oscar D. Guilfoil, Jr., Syracuse, N. Y.
Application May 25, 1944, Serial No. 537,247
1 Claim. (Cl. 240—13)

In a candle lamp, an outer receptacle of transparent material and closed at its lower end, a candle unit placeable in the receptacle through the upper end thereof, and means for suspending the unit within the receptacle with the portion of the unit below the suspending means spaced from the inner wall and the bottom of



the receptacle forming an air space, the suspending means including an annular gasket on the inner wall of the receptacle, the unit having a conical peripheral surface for coacting inclined plane fashion with the gasket when the unit is fully in the receptacle.

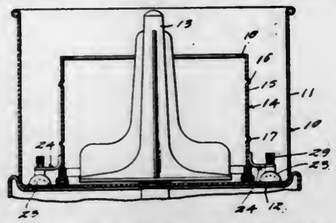
2,439,468
SCREENED PUMP
Roy H. Hopkins, Alice, Tex.
Application February 20, 1946, Serial No. 648,984
2 Claims. (Cl. 103—179)



1. A screened pump comprising, in combination, a perforated cylindrical shell and a pair of collars in the ends thereof, a cylindrical liner concentrically positioned in said shell in spaced relation therefrom, said collars connecting said liner and said shell to provide an annular chamber, a pump plunger and valve mechanism inside said liner, a screening element mounted in one of said collars, and passage means connecting said chamber with said liner through the medium of said element.

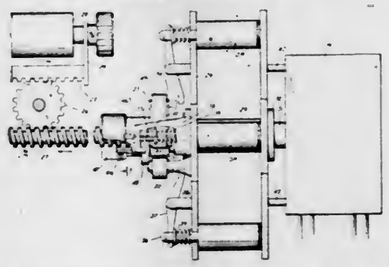
2,439,469
AUXILIARY TUB ATTACHMENT FOR WASHING MACHINES
Harry F. Husted, Shavertown, Pa.
Application July 12, 1945, Serial No. 604,619
5 Claims. (Cl. 68—4)

1. In combination with a main wash tub of a washing machine above whose bottom projects an agitator centrally, a tubular shell placed upon the bottom of the main tub so as to surround the agitator and provide between the tubular shell and the shell of the main tub an annular space, whereby the bottom of the main tub forms a bottom for the tubular shell, an annular hollow com-



pressible bead carried by the lower edge of the tubular shell resting upon the bottom of the main tub, and means frictionally engaging the bottom of said main tub in said annular channel securing a tight hold upon said bottom and engaging said tubular shell to compress the bead in fluid tight sealing relation upon the bottom of the main tub.

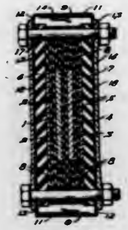
2,439,470
VARIABLE SPACING MECHANISM FOR TYPEWRITING MACHINES
Carlton T. Jackson, Rochester, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application November 14, 1944, Serial No. 563,349
19 Claims. (Cl. 197—84)



6. In combination with the carriage of a typewriting machine, variable spacing mechanism for said carriage including a rotary member having a plurality of stop elements each settable to a position limiting rotation of said member; stop means cooperating with a set stop element to arrest said rotary member after an extent of rotation determined by the angular position of the set stop element, one of said stop elements normally preventing rotation of said rotary member; means to restore the set stop element to release said rotary member for rotation, means operative with the restoration of the set stop element to selectively set another stop element, and means for rotating the rotary member upon the restoration of the set stop element.

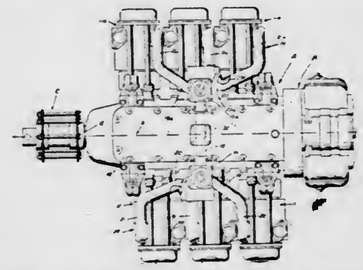
2,439,471
CONDUCTOR ARRANGEMENT FOR CURRENT DISTRIBUTION
John G. Jackson, Detroit, Mich., assignor to Square D Company, Detroit, Mich., a corporation of Michigan
Application August 27, 1942, Serial No. 456,330
12 Claims. (Cl. 174—68)

10. A duct enclosed conductor arrangement for current distribution comprising a plurality of conductors arranged in side by side relation, insulated from each other by thin insulation disposed therebetween and with which they are in intimate contact, conductors at the opposite sides of the group being electrically common and each of different polarity from the conductor immediately



adjacent thereto, and insulating plates disposed against the outer sides of said outside conductors and in intimate contact therewith, and top and bottom closures for the duct engaging the edges of the insulating plates to complete the duct enclosure with the insulating plates forming the outer side walls of the duct.

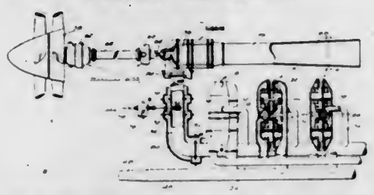
2,439,472
INDUCTION SYSTEM FOR MULTICYLINDER OPPOSED PISTON ENGINES
Thomas Jackson, North Muskegon, Mich., assignor to Continental Motors Corporation, Muskegon, Mich., a corporation of Virginia
Application May 8, 1945, Serial No. 592,590
16 Claims. (Cl. 123—56)



5. A fuel induction system for a horizontally opposed cylinder engine comprising a fuel mixing and forming means located substantially beneath said engine, a fuel mixture distributing chamber, a primary fuel mixture riser openingly connecting said means with said chamber, and secondary fuel mixing conducting means connecting said chamber with the engine cylinders and comprising a manifold assembly provided with conducting means extending horizontally outwardly with respect to the vertical longitudinal central axial plane of the engine and terminating in separate upwardly extending conducting conduit portions connected with cylinder intake ports on the underside of said engine cylinders, said induction system comprising substantially similar manifold fuel conducting means respectively associated with both banks of engine cylinders, said manifold fuel conducting means separated by the engine crankcase, and conduit means connecting said manifold fuel conducting means and extending transversely through the interior of said crankcase, a fuel mixing and forming device connected with each of said manifold fuel conducting

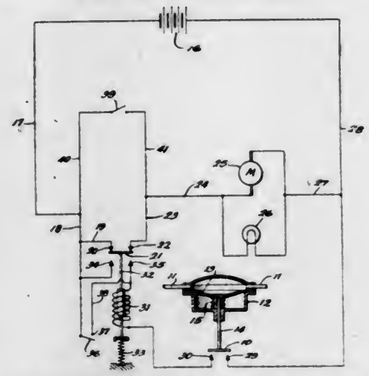
means and separate risers connecting said devices with the fuel distributing chamber of each manifold fuel conducting means, said risers lying adjacent the side of said engine crankcase.

2,439,473
PRESSURIZED PROTECTIVE CONDUIT FOR HOT GAS POWER PLANTS
Andrew Kalitinsky, Eagleville, Conn., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application May 11, 1943, Serial No. 486,614
7 Claims. (Cl. 60—44)



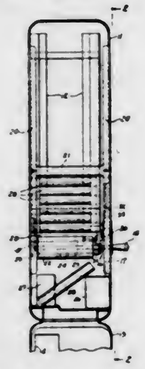
1. A power plant comprising a free-piston engine-and-compressor unit, in which the gas compressed by the compressor part of the unit scavenges the engine, said unit including a scavenge manifold for delivering compressed air from the compressor part directly to the engine, a receiver to which exhaust gas from the engine part of said unit is directed, a duct connecting said unit to said receiver, a shell around said duct to which a part of the compressed gas from the compressor part of the unit is supplied, and a branch connection from said manifold to said shell for conducting gas from the manifold to said shell, said gas being normally at a pressure higher than the pressure of the gas in the duct, thereby maintaining within said shell a volume of gas which surrounds the duct and has a pressure higher than that of the gas in the duct.

2,439,474
BRAKE PRESSURE RESPONSIVE SIGNAL SYSTEM
Jeremiah D. Kennelly, Oak Park, Ill.
Application June 10, 1946, Serial No. 675,549
3 Claims. (Cl. 177—311)



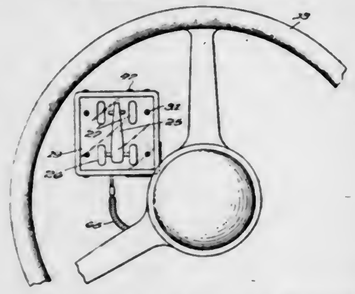
1. In combination with the air brake line of a vehicle equipped with an electric warning signal, means actuated by a change in pressure in said line, due at least to a partial application of brakes, for closing the circuit of said signal, means for maintaining said circuit closed even when the normal pressure in said line is restored, and manual means effective only after the normal pressure in said line is restored for opening said signal circuit and conditioning said apparatus for automatic operation again by said pressure change.

2,439,475
ARTICLE GAUGING DISPENSING DEVICE
George A. Kruse, East Orwell, Ohio, assignor to The Hospital Specialty Company, a corporation of Ohio
Application June 19, 1947, Serial No. 755,578
6 Claims. (Cl. 312—48)



6. In an article dispensing machine having an article-advancing member, an article gauging device comprising an arm member, an article engaging member extending from said arm member in substantially the plane of said arm member and being movable relative to said article-advancing member, a finger member extending from said arm member in a plane at an angle to the plane of said arm member and movable therewith, said finger member being adapted to control movement of said article-advancing member, and a leaf spring carried by said machine and connected to said arm member, said leaf spring providing a hinge for movement of said arm member and a bias for urging said arm member in one direction relative to said article-advancing member.

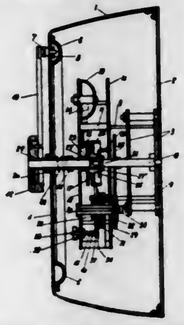
2,439,476
INDICATOR
Guy O. Leggett and Carl Nathan, Chicago, Ill.
Application February 11, 1946, Serial No. 646,824
5 Claims. (Cl. 116—31)



1. Mechanism for operating an indicator for the steerable wheels of an automotive vehicle com-

prising a support, a lever pivoted between its ends on the support, an abutment having an inclined face engageable with one end of the lever and movable to rock the latter about its pivot, a member connected to the other end of the lever and movable therewith, a pointer spindle rotatably carried by the support, means operatively connecting the member to said spindle whereby movement of the member rotates the spindle, and means responsive to operation of the steerable wheels of the vehicle for moving said abutment.

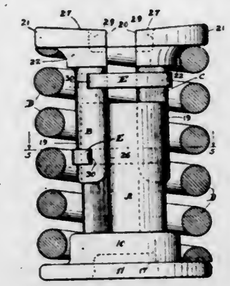
2,439,477
SOUND WARNING DEVICE
Bernard Louis Joseph Fernand Le Roux, Paris, France
Application August 8, 1945, Serial No. 609,627
In France July 1, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires July 1, 1964
5 Claims. (Cl. 161—23)



1. Time warning device comprising, in combination, an actuating clockwork mechanism, a bell-ringing mechanism normally in a locked position, a hand rotatable in front of a graduated dial, push studs movably mounted in a circular groove on said dial and provided with a head projecting in front of said dial sufficiently to push the said hand outwardly as it rotates over one of said push studs thereby drawing away with it part of the bell-ringing mechanism and thus unlocking it, spring means for returning the said part of the bell-ringing mechanism into its locked position, a knob integral with the said hand for winding up the whole mechanism whereby the said hand is brought in front of the zero of the graduated scale at the end of the winding operation.

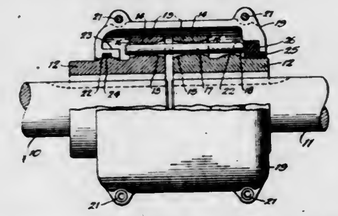
2,439,478
FRICTION SHOCK ABSORBER
Henry B. Loewer, Kenmore, N. Y., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware
Application October 8, 1945, Serial No. 621,132
8 Claims. (Cl. 267—9)

1. In a friction shock absorber, the combination with a friction post having longitudinally extending, flat friction surfaces at opposite sides thereof; of longitudinally extending guide flanges at opposite sides of said post, each guide flange overhanging the corresponding friction surface and having an inner, laterally extending surface disposed at an acute angle to the corresponding friction surface and forming with the latter a guideway of V-shaped, transverse section; and a pair of lengthwise movable friction shoes at opposite sides of said post, each shoe being of triangular, transverse section and slidably fitting the V-shaped guideway at the corresponding side of the post, each of said shoes



having a lengthwise extending friction surface on the inner side thereof engaging the corresponding friction surface of the post.

2,439,479
UNIVERSAL COUPLING
Arthur Mackmann, Chicago, Ill.
Application November 16, 1942, Serial No. 465,645
5 Claims. (Cl. 64—10)



5. A universal coupling comprising driving and driven flange members in facing and substantially coaxial relationship, the flange members being formed with normally alined openings of substantially circular section having a central portion of minimum diameter and flaring outwardly in opposite directions therefrom, and U-shaped connecting members having substantially rigid cylindrical legs extending through the openings and of smaller diameter than the minimum diameter of the openings, the legs initially being slightly out of parallel to engage the sides of the openings the portions of minimum diameter being of such length relative to their diameter that the legs may tilt therein to engage the flaring portions without bending the legs.

2,439,480
LIGHT SOCKET
Walter Majusick, Dayton, Ohio, assignor of one-half to Everett O. Miller, Dayton, Ohio
Application March 9, 1944, Serial No. 525,649
3 Claims. (Cl. 173—358)

1. A light socket comprising, a substantially L-shaped body member forming thereby a thick portion with a ledge portion extending therefrom, a smooth walled hole in said body member to receive the threaded base of a light bulb, said hole being positioned in said body member with a portion thereof in said ledge portion, a spring leaf contact member secured to said thick portion and projecting over said hole to engage the cen-

tral contact of a light bulb, and a second spring leaf contact member secured to said ledge portion

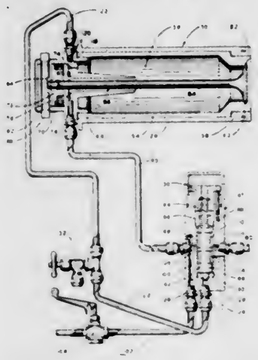


and having one end thereof projecting into said hole for engagement with threads on a light bulb.

2,439,481
PRESSURE-SENSITIVE ADHESIVE SHEET MATERIAL
John B. Martin, Glen Ellyn, Ill., assignor to The Kendall Company, Boston, Mass., a corporation of Massachusetts
No Drawing. Application July 3, 1944, Serial No. 543,418
12 Claims. (Cl. 117—68.5)

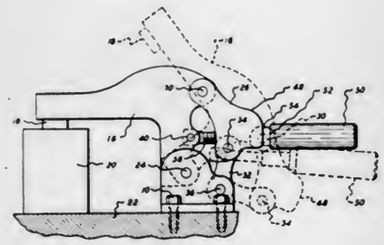
1. A pressure-sensitive adhesive sheet material comprising a flexible sheet backing, an exposed coating of a normally tacky pressure-sensitive polybutene adhesive adherently affixed to one side of said backing and a substance, selected from the group consisting of water-insoluble metallic salts and amides of a saturated fatty acid selected from the group consisting of stearic and palmitic acids, repellent to said polybutene adhesive adherently affixed to the other side of said backing in a thin continuous dry film.

2,439,482
STARTING SYSTEM FOR FREE PISTON ENGINES
Donald E. Meitzler, Manchester, Conn., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application July 23, 1943, Serial No. 495,927
11 Claims. (Cl. 60—14)



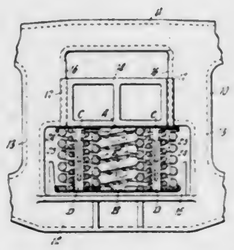
5. An accumulator device having a storage chamber, a valve closing a port for said chamber, and means for holding said valve closed against the pressure in said chamber, in combination with a control valve normally directing gas to said chamber, and a connection from said chamber to said control valve for operating said control valve to cut off the supply of gas to the chamber and to release the valve-holding means.

2,439,483
COMBINATION TOGGLE AND CAM CLAMP
Henry H. Merriman, Jackson, Mich., assignor to Harry D. Boardman, Jackson, Mich., as trustee
Application September 9, 1944, Serial No. 553,304
4 Claims. (Cl. 144—290)



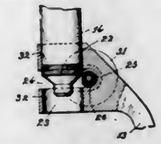
4. A clamping device comprising a clamping member, a fixed part supporting said clamping member for pivotal movement, a toggle joint connected at one end to said fixed part and at the other end to said clamping member, a cam surface upon said toggle joint, operating means associated with said toggle joint to move said clamping member in a clamping direction and in a releasing direction, and an adjustable follower associated with said operating means and engageable with said cam surface.

2,439,484
FRICTION SHOCK ABSORBER
Henry A. Miner, Evanston, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware
Application January 1, 1944, Serial No. 516,645
7 Claims. (Cl. 267—9)



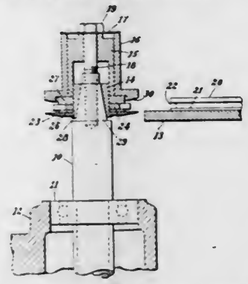
1. In a shock absorber for railway car trucks, the combination with a top spring plate; of a bottom spring plate having a lengthwise split, tubular spring sleeve projecting therefrom, said sleeve being an integral continuation of said plate; a friction post projecting directly from the other plate, said post being slidable within said sleeve in frictional contact with the interior walls thereof, said post being integral with said plate; and spring means interposed between said top and bottom spring plates and bearing directly thereon, said spring means including a coil spring surrounding said post and sleeve.

2,439,485
ADJUSTMENT MECHANISM FOR MICROSCOPES
Harold M. Porter, Hagerstown, Md., assignor to The Mitchel-Tyler Company, Hagerstown, Md., a corporation of Maryland
Application April 17, 1946, Serial No. 662,823
8 Claims. (Cl. 88—39)



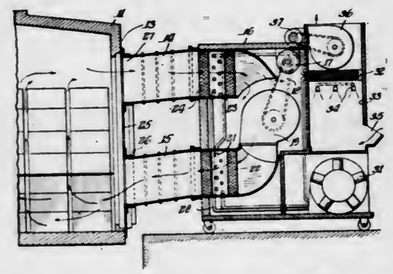
7. In a microscope, a supporting member including a head having a vertical bore, a barrel slidable in said bore, said head having a slot extending from one edge across said bore, said slot having the outer end open and the inner end closed to provide a semi-cylindrical bearing, a friction pinion in said bearing, said pinion having cylindrical end portions fitting said bearing and an annular contracted portion intermediate said end portions to engage said barrel, and means for actuating said pinion, the width of said slot being at least equal to the diameter of said pinion whereby the pinion may be placed in position through the open end of said slot prior to inserting the barrel in the bore, and said barrel locking said pinion in said bearing after being inserted in assembled position.

2,439,486
ROTARY CUTTERHEAD
Eugene J. Ray, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application July 27, 1946, Serial No. 686,761
2 Claims. (Cl. 12—17)



2. A rotary cutter-head comprising an inner clamping member and an outer clamping member telescopically related to each other and concentrically related to the rotational axis of the assemblage, the inner clamping member having a peripheral flange confronting the outer clamping member, a plurality of annular work-engaging disks lying face to face and surrounding said inner clamping member between said flange and the outer clamping member, pressure-applying means including a screw extending through said outer clamping member and having a head for forcing the latter and said disks positively against said flange, a sleeve surrounding and telescopically related to said outer clamping member, said sleeve and one of said disks having confronting end faces adapted to engage opposite faces of the margin of a sole inserted between them, and a leaf-spring arranged to maintain said sleeve normally in contact with one of said disks, a portion of said spring lying between the head of said screw and said outer clamping member and constituting an element of said pressure-applying means, one of said disks having cutting edges arranged to cut the perimeter of a sole lying between said confronting faces.

2,439,487
METHOD OF PRECOOLING THE LADING OF REFRIGERATOR CARS COMPRISING THE REVERSAL OF AIR FLOW
Frank J. Reilly, Daytona Beach, Fla., assignor of one-third to Clarence J. Loftus, Chicago, Ill.
Application March 16, 1945, Serial No. 583,097
2 Claims. (Cl. 98—6)



1. A method of precooling a load within the usual side-door refrigerator car having side doors midway the ends thereof to a predetermined and substantially uniform temperature throughout the load during the initial precooling period without over-cooling any appreciable part of the load, comprising through lading loading of the car with crates of perishable products and arranging said crates substantially the entire length of the car in the upper part thereof so as to provide for a relatively shallow air chamber as compared with the depth of the load extending across the car in the lower part of the load near the floor adjacent to the door opening, said chamber being further arranged in a substantial line with said side door openings, and arranging said crates to provide a multiplicity of vertical air passages in open communication with said air chamber extending throughout the load and around the crates, cooling the air at substantially less than that of the perishable load by forcibly and rapidly driving streams of air so cooled through the side door into said chamber, thence through the multiplicity of air passages formed in the load and forcibly drawing the air out of the car, and intermittently reversing during the precooling operation the direction of travel of the streams of precooled air through the load and the multiplicity of air passages whereby the pattern of the precooled air distribution is intermittently changed, so that those portions of the load not being effectively contacted in one direction will be contacted to a greater degree upon the reversal of the air current.

2,439,488
WASH CHECK COLLAR
George E. Roberts, Martinsville, Mo.
Application January 25, 1946, Serial No. 643,312
2 Claims. (Cl. 61—16)

1. The combination with a culvert, of a wash check collar surrounding said culvert and attached thereto, said collar comprising a pair of

semi-circular shaped frame sections arranged so that the edge face of one of said sections is in confronting meeting relation with the edge face of the other of said sections, a semi-circular



shaped strip of metal screening projecting from each of said sections and carried thereby, and means for securing the thus assembled sections together.

2,439,489

PREPARATION OF SILVER FOIL

Fritz Rosenthal, Bellmawr, N. J., assignor to Radio Corporation of America, a corporation of Delaware

No Drawing. Application June 26, 1944, Serial No. 542,250
3 Claims. (Cl. 204—12)

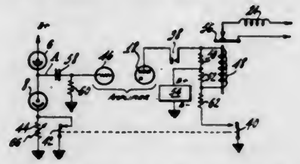
1. The method of making silver foil having a thickness of 0.00010 to 0.00015 of an inch, which consists in chemically depositing silver upon a polished resinous plastic sheet ranging from 0.010 to 0.020 in thickness, electrodepositing silver upon the chemically deposited layer, rinsing the sheet, and stripping the silver foil from the plastic sheet.

2,439,490

CHECK CIRCUIT FOR INSPECTION APPARATUS

Roger E. Schell, West Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application November 27, 1946, Serial No. 712,561
10 Claims. (Cl. 250—41.5)



1. In combination with an electrical impulse responsive circuit, means connected to said circuit for actuation on occurrence of a predetermined condition in said circuit, means for causing the occurrence of said condition at predetermined time intervals for predetermined lengths of time, a balancing circuit connected to said actuated means in opposition to said first circuit, means for both closing simultaneously said first circuit and said balancing circuit slightly in advance of the beginning of each of said predetermined lengths of time and keeping said balancing circuit closed throughout said predetermined lengths of time, and means for causing a condition in said impulse responsive circuit equivalent to said predetermined condition at the same time said impulse responsive and said balancing circuits are simultaneously closed.

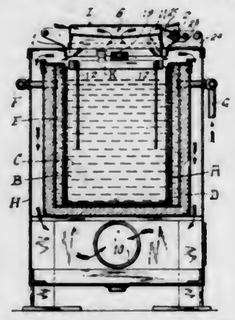
2,439,491

ENCLOSED ELECTROPLATING TANK

Charles Schiffl, Montclair, N. J.

Application June 2, 1942, Serial No. 445,423
3 Claims. (Cl. 204—277)

1. An electroplating tank comprising a container for an electrolyte having an open top, a casing completely enclosing said container and having a top wall provided with an opening above said container for access to the latter, a removable cover for said opening having top, side and end walls and a partition beneath said top wall of the cover formed with portions extending from the side walls that converge downwardly toward and meet above the open top of the container so that moisture rising from the electrolyte in



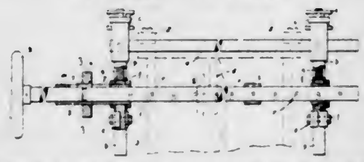
said container will impinge on said converging portions, perforations in said converging portions closely adjacent the meeting line of said portions and perforations in the side walls of said cover above said partition, and means for drawing air through said perforations and transversely of the open top of said container for cooling said converging portions to cause condensation of moisture thereon and to withdraw some of the gases that rise from said electrolyte.

2,439,492

BORING APPARATUS

John Gilbert Sharratt and Albert Gordon Sharratt, West Bromwich, England

Application November 23, 1945, Serial No. 630,454
In Great Britain July 26, 1944
4 Claims. (Cl. 77—2)



1. Boring apparatus comprising in combination a pair of horizontal bars adapted to be clamped to an engine body or other work piece, a pair of depending brackets adjustably carried by the bars in the regions of the ends of the bars, the brackets being formed near their upper ends with holes through which the bars pass, a slide on each bracket, said horizontal bars, brackets and slides forming a substantially rigid frame a rotatable boring bar carried by the slides, and a screw and nut device in association with one of the slides for imparting axial movements to the boring bar.

2,439,493

DOUBLE BOOT

William H. Smith, Warwick, R. I., assignor to Maurice C. Smith Co., Inc., Providence, R. I., a corporation of Rhode Island

Application July 14, 1945, Serial No. 605,005
1 Claim. (Cl. 36—10)

An article of the character referred to comprising an inner boot shaped to fit into an outer boot having a leg portion, the inner boot having a flexible sole and upper so that it can readily be inserted in the outer boot, the upper being formed of sheep shearling with the wool on the inside and having a vertical slit in its front portion extending from the top of the upper to a point approximately midway between the top and sole to permit the upper freely to fall open when the



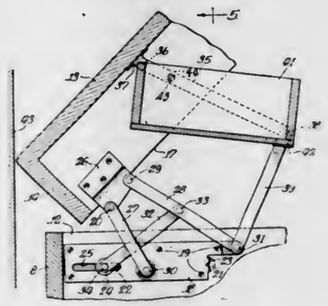
inner boot is worn alone, and the inner boot having a portion foldable into a cuff adapted to be disposed over the upper edge of the outer boot so that the wool side of the cuff is outside, the outer boot being stiff enough to serve for supporting the leg portion of the inner boot and preventing it from working down within the outer boot when the boots are telescoped for use in outdoor wear.

2,439,494

LID AND TRAY SUPPORTING HINGE

Roy A. Stone, Rockford, Ill., assignor to National Lock Co., Rockford, Ill., a corporation of Delaware

Application March 17, 1944, Serial No. 526,975
4 Claims. (Cl. 16—166)



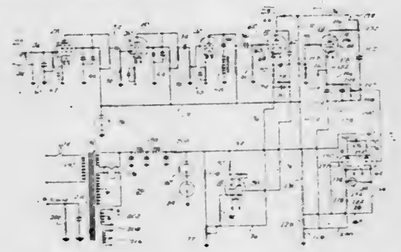
4. A hinge, comprising a body plate adapted to be attached to an end wall of a chest and provided with a slot and an ear, a boss slidable in said slot, a tractile spring connecting said boss and said ear and urging the boss toward the ear, a lid plate, a plurality of links each pivoted at one end to said lid plate and at the other end to said body plate, and a link connecting an intermediate portion of one of the aforesaid links with said boss.

2,439,495

HEARTBEAT RATE INDICATING APPARATUS

Ralph E. Sturm, Milton, Wis., assignor to The Burdick Corporation, Milton, Wis., a corporation of Delaware

Application July 14, 1942, Serial No. 450,890
27 Claims. (Cl. 128—2.05)



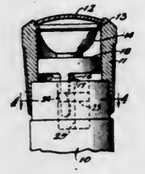
1. Apparatus for indicating the rate at which a heart is beating, including in combination, a condenser, means for normally charging said condenser, means including a first gas tube rendered conductive in response to an electric voltage generated by the heart and a second gas tube rendered conductive by said first tube and so connected in circuit with said condenser that said condenser is substantially completely discharged through said second tube each time the heart beats, and indicating means controlled in response to the frequency of discharge of said condenser.

2,439,496

FLASHLIGHT

Daniel Szantay, Chicago, Ill.

Application February 18, 1946, Serial No. 648,510
5 Claims. (Cl. 240—10.68)



1. A flashlight comprising a tubular body adapted to hold a battery, a cap fitting rotatably on the body, a lamp mounted in the cap in a position to engage the center terminal of a battery in the body, a resilient contact strip in the cap connected to the lamp and extending into the body and resiliently biased into engagement with the side of the battery, and an insulating flap extending inward from the side of the body to move the strip away from the battery when the cap is turned to one position.

2,439,497

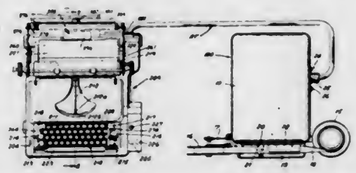
CARRIAGE SPACING MEANS FOR SIGNAL-CONTROLLED PRINTING APPARATUS

Henry L. Tholstrup, Rochester, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application May 12, 1945, Serial No. 593,367
13 Claims. (Cl. 197—20).

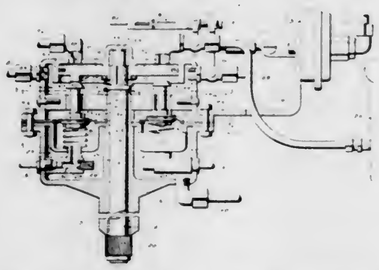
9. Signal-controlled printing apparatus comprising signal-producing means operable to produce a continuous chain of successive signals

representing, respectively, predetermined character and functional data; printing means including a carriage for holding a work copy in printing position, a plurality of character type elements, character actuating means responsive to the producing of each character-representing signal to effect printing from the character type element represented by such signal and to effect spacing of said carriage, and space actuating means operable, when actuated, to space said carriage the equivalent of one character space; a control device adjustable to either of two operating conditions and normally occupying one of said operating conditions, and said device being



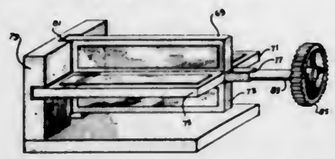
operable to maintain continuous operation of said signal-producing means when in its said normal operating condition, and being operable to stop operation of said signal-producing means when adjusted to the other of its said operating conditions; and means responsive to spacing movements of said carriage and operable upon said carriage occupying each of a plurality of predetermined character space positions to adjust said control device to its said other operating condition and to actuate said spacing means, and being operable upon the spacing of said carriage from each of said predetermined character space positions to adjust said control device back to its said normal operating condition.

2,439,498
FUEL INJECTING PUMP
Russell Bruce Wallace, Plymouth, Mich.
Application April 26, 1944, Serial No. 532,830
12 Claims. (Cl. 103—38)



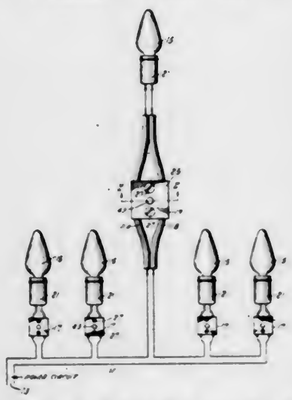
1. A pump comprising a cylinder, a piston slidable axially in said cylinder and also rotatable therein, means whereby said piston may be rotated, a pump-actuating element at one side of said piston and biased toward the latter, means for limiting the movement of said pump-actuating element toward said piston, means on said one side of said piston and cooperable with said pump-actuating element for forcing it away from said piston during part of each revolution of said piston, and means for admitting a controlling fluid to and exhausting it from said cylinder to axially shift said piston and vary the stroke imparted to said pump-actuating element.

2,439,499
PIEZOELECTRIC MOTOR
Alfred L. W. Williams and Walter J. Brown, Cleveland Heights, Ohio, assignors to The Brush Development Company, Cleveland, Ohio, a corporation of Ohio
Application August 20, 1942, Serial No. 455,416
27 Claims. (Cl. 171—327)



1. A device for translating electrical potentials into gyratory mechanical motion, comprising a plurality of juxtaposed piezoelectric crystal elements each having an identifying face fixed substantially in parallel to a common reference axis, the faces being angularly spaced apart around the axis, each element having a mechanical axis effectively in parallel to its identifying face and an electrical axis effectively normal to said face, each identifying face being provided with an electrode; the said mechanical axes being so correlated to the reference axis and the elements being so interconnected for conjoint movement that one portion of the device may be caused to gyrate around the reference axis upon the application of cyclically varying potentials to the electrodes in succession while the opposite portion of the device along the reference axis is restrained against movement with respect to said axis.

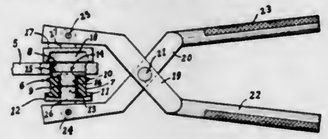
2,439,500
BRIDGING SWITCH FOR TESTING SERIES LIGHT CIRCUITS
Richard T. Wood, Memphis, Tenn.
Application December 16, 1946, Serial No. 716,504
2 Claims. (Cl. 200—159)



1. A switch for a lighting circuit, employing insulated wires, said switch including mating halves of insulating material forming a substantially cubical insulating housing having parallel channelways therethrough along the mating surfaces of said halves for the reception of said insulated wires, spaced U-shaped contacts embedded in one of said halves, said contacts having sharpened points respectively extending into said channelways to a depth penetrating the insulation of said wires, and into electrical contact

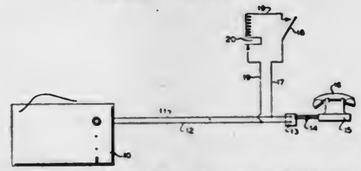
therewith, and oppositely terminating, beyond the mating surface of said half, in contact seats, said half being chambered between said contacts to form a well, the other said half being interiorly chambered between said channelways and around said seats, and having an entrance opening into the top of said chamber, a member adapted to bridge between said seats disposed in said chamber, a spring in said well urging said bridge away from contact with said seats, and a button oppositely bearing on said member and extending through said entrance opening to an accessible position beyond said housing.

2,439,501
MEANS FOR ASSEMBLING RESILIENT GROMMETS TO GEAR SHIFT SELECTOR ARMS
Herman J. Yelkin, Long Beach, Calif.
Application September 4, 1946, Serial No. 694,724
2 Claims. (Cl. 218—25)



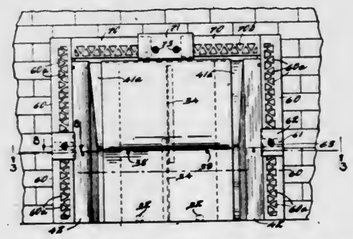
1. A means for assembling a resilient grommet collar to the gear shift selector arm of an automobile transmission mechanism, wherein the grommet comprises a rubber collar adapted to fit snugly in an opening of the gear shift selector arm, said collar being lined with a metallic tubular bushing and having external flanges of different diameters on the respective ends thereof, the flange of smaller diameter being of slightly greater diameter than that of the opening in the gear shift selector arm, comprising a presser disk having a center pin of a length substantially less than the length of the grommet and of a diameter to be snugly received in one end of the bushing of the grommet, a guide member consisting of a disk of slightly less diameter than that of the opening in the selector arm and having a center pin of a diameter to be snugly received in the other end of the bushing of the grommet and to contact the center pin of the first named presser disk within the bushing when the presser disk and the disk of the guide member are engaged with opposite sides of the grommet collar, a second presser member having a recess of a size to receive the disk of the guide member and the grommet flange of smaller diameter, and means for forcing the presser members together with the recess of the second named presser member axially aligned with the opening of the selector arm.

2,439,502
AUTOMATIC FIRE ALARM SYSTEM
Thomas J. Tate, Talladega, Ala.
Application February 21, 1947, Serial No. 730,069
1 Claim. (Cl. 179—5)



An automatic fire alarm system which, in combination with an electrical telephone system having a central station with signalling means thereat and conductors extending to a telephone receiver at a location remote from said central station and through which conductors electrical energy is adapted to be supplied for actuating said signalling means at said central station from said receiver, consists of a blinker element, a normally open thermostatically operated switch constructed to close by rise in temperature, and a circuit completing loop circuit connected to said conductors and incorporating in series in said loop said blinker element and said thermostatically operated switch, said loop being energized upon the closing of said thermostat from said telephone system.

2,439,503
AIR-HEATING DEVICE FOR FIREPLACES
Albert B. Austin, Minneapolis, Minn.
Application November 12, 1943, Serial No. 509,975
12 Claims. (Cl. 126—121)

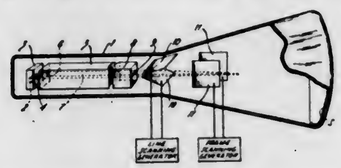


1. A device for heating a room from an open front fireplace having rear and side walls having in combination, a plate extending substantially vertically along and spaced from the rear wall of a fireplace, said plate having a top portion extending toward and engaging said rear wall, plates extending substantially vertically along and spaced from the side walls of said fireplace respectively and having top portions extending toward and engaging said side walls, said side plates having portions respectively overlapping the ends of said first mentioned plate whereby all of said plates form a chamber between the same and the walls of said fireplace, and said side plates may be movable toward and from each other to suit fireplaces of different widths, a partition extending from said last mentioned plates intermediate their heights to the side walls respectively, thus forming upper and lower passages, said passages being open at the front of the fireplace and communicating in said chamber at their rear ends and means for holding said plates in position.

2,439,504
FLAT BEAM CATHODE-RAY TUBE AND CIRCUIT
Leonard Francis Broadway, Ickenham, England, assignor to Electric & Musical Industries Limited, Hayes, England, a company of Great Britain
Application March 6, 1945, Serial No. 581,281
In Great Britain March 9, 1944
7 Claims. (Cl. 250—158)

1. A circuit arrangement embodying a cathode ray tube having means for producing a thin flat electron beam rectangular in cross-section, means for causing said flat beam to converge in width to form a small spot on the screen of the tube deflecting means for deflecting said spot relatively to said screen in one direction and

deflecting means for deflecting said spot relatively to said screen in a co-ordinate direction, deflection in said one direction occurring at a more rapid rate than the deflection in the other direction, wherein the deflecting means for deflecting the spot at said more rapid rate are dis-



posed at a position where the beam is rectangular in cross-section to embrace the longer sides of the beam cross-section and placed closed together than would otherwise be possible, whereby the sensitivity of deflection at said more rapid rate is increased.

2,439,505
POLYFLUORINATED ACRYLONITRILES
David W. Chaney, Nether Providence Township, Delaware County, Pa., assignor to American Viscose Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 28, 1946, Serial No. 680,054
7 Claims. (Cl. 260—464)

1. Fluorinated acrylonitrile derivatives having the formula

$$CF_2=CXCN$$

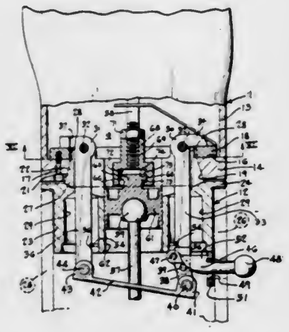
where X is selected from the group consisting of chlorine and fluorine.

2,439,506
APPARATUS FOR MOLDING ARTICLES OF WAX
Rodney E. Christian, Royal Oak, Mich., assignor to Kerr Manufacturing Co., a corporation of Michigan
Application May 28, 1945, Serial No. 596,180
3 Claims. (Cl. 18—30)



1. In a molding machine for plastic material which is plastic only within narrow temperature limits, the combination with a frame, of a mold formed in separable sections positioned on said frame, means for supplying molding material heated to plasticity and under pressure, said means including a nozzle movably mounted on said frame into and out of coupling engagement with said mold, a valve normally closing said nozzle, a fluid motor for opening and closing said mold, a second fluid motor for operating said nozzle and valve including a resiliently yieldable connection between the movable element of said motor and said nozzle to effect the coupling of the latter with said mold, a tappet operated by said motor subsequent to the coupling of said nozzle for opening said valve, resilient means operating upon the withdrawal of said tappet for closing said valve in advance of the uncoupling of said nozzle, and controlling means for said motors adapted to close said mold in advance of the coupling of said nozzle and to open said mold subsequent to the uncoupling of said nozzle.

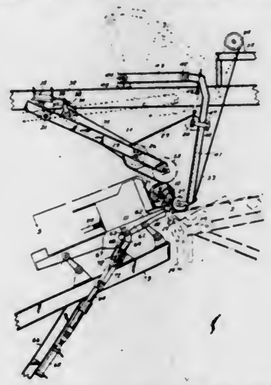
2,439,507
ARTIFICIAL BODY MEMBERS
Frank V. Eberle, Newark, and Harry Hansen, Lyndhurst, N. J.
Application April 27, 1946, Serial No. 665,543
16 Claims. (Cl. 3—12)



1. In an artificial body structure, a wrist member, a hand member, a frusto-conical projection on one of said members, the other of said members having a mating frusto-conical opening adapted to closely receive said projection, and means carried by one of said members and movable between a first position where it urges the mating frusto-conical surfaces into mating relation with sufficient frictional engagement to prevent relative rotation of said surfaces and a second position where it releases said surfaces from mating relation sufficiently to permit relative rotation thereof.

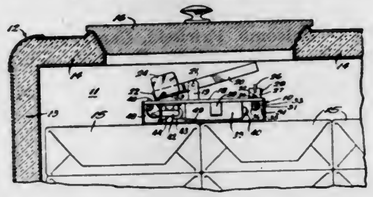
2,439,508
LOG TURNING APPARATUS
Miles Lowell Edwards and Donald K. MacBain, Longview, and Lester M. Johnson, Everett, Wash., assignors to Weyerhaeuser Timber Company, Longview, Wash., a corporation of Washington
Application July 14, 1942, Serial No. 450,838
8 Claims. (Cl. 144—208)

1. In a log turning apparatus, support means for loosely holding a log in a generally horizontal position, stops extending along one side of said log for limiting movement of said log laterally in one direction upon said support means, a chain, a pivoted arm having a roller thereon for urging said chain against the side of a log opposite said support, a second pivoted arm having a roller thereon for urging said chain against the side of said log opposite said stops, said chain between said two rollers engaging the surface of



said log for holding said log on said support means against forces created by the action of a log treating mechanism acting on said log, and means for driving said chain so as to rotate said log.

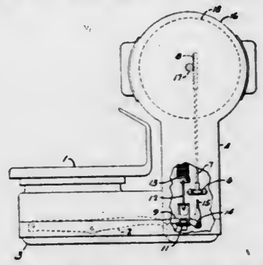
2,439,509
ALARM SWITCH
William C. Eddy, Michigan City, Ind., assignor to Television Associates, Inc., Chicago, Ill., a corporation of Illinois
Application February 11, 1946, Serial No. 646,752
3 Claims. (Cl. 200—142)



1. A switch adapted to be placed in a refrigerating apparatus for giving an alarm upon rise in temperature in the refrigerating apparatus to a predetermined value comprising, electrical contacts for controlling the alarm, a pivoted lever for normally closing the contacts to give the alarm, and a cup carried by the lever and provided with an opening therein to receive frozen material for holding the contacts open, the arrangement being such that upon rise in temperature in the refrigerating apparatus to the predetermined value, the frozen material will melt and drain through the opening to permit closing of the contacts.

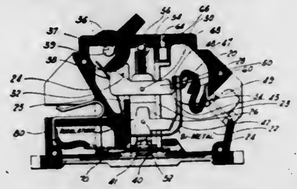
2,439,510
CONNECTING MEANS
Blair H. Gaul, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a corporation of New Jersey
Application March 29, 1946, Serial No. 658,356
4 Claims. (74—579)

1. Connecting means for transmitting power between two levers movable in nonparallel planes comprising a longitudinally extending link, said link being shaped so that one end thereof lies substantially in the plane of movement of one of said levers and the other end of said link lies substantially in the plane of movement of the



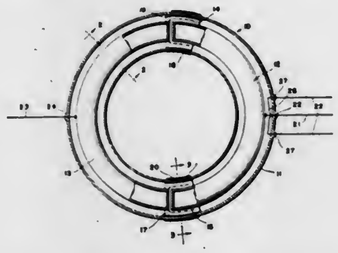
other of said levers, said link having an aperture near each of its ends, a ball located in each of said apertures, means for nonrigidly retaining each of said balls in its aperture and means on each of said levers for grasping one of said balls.

2,439,511
LATCHING OR TRIPPING MECHANISM OF CIRCUIT BREAKERS
Floyd S. Green, St. Louis, Mo., assignor to Frank Adam Electric Company, St. Louis, Mo., a corporation of Missouri
Application April 10, 1944, Serial No. 530,390
3 Claims. (Cl. 200—88)



2. In a circuit breaker of the enclosed type, an enclosing housing, a contact carrier positioned for longitudinal sliding movement therein, a pair of co-operating make and break contacts, one of said contacts being carried on said contact carrier, a transverse bar pivotally secured to said contact carrier, a manual operating means adapted to actuate one end of said bar, a latch member adapted to engage the other end of said bar to prevent rotational movement thereof under normal operating conditions, a flexible support supported on the contact carrier and extending along the side thereof, parallel to the side of the contact carrier, said support having the latch member mounted on its free end, a bimetallic strip carried by the contact carrier and extending parallel to said support, the free end of said bimetallic strip being adapted to actuate the latch member and remove it from the end of the transverse bar when the current through the bimetallic strip exceeds a predetermined value, a magnetic element, adapted to co-operate with said latch member and cause it to be displaced from the end of the transverse bar without interference from the thermal element when the current through the circuit breaker exceeds a predetermined value, displacement of the latch member from the end of the transverse bar resulting in movement of the contacts of the circuit breaker to the open circuit position.

2,439,512
ULTRA HIGH FREQUENCY POWER OSCILLATOR
Clyde E. Hallmark, Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation, a corporation of Indiana
Application December 29, 1944, Serial No. 570,256
16 Claims. (Cl. 250—27.5)



1. A high vacuum electron discharge device comprising an outer hollow member of conducting material, at least one pair of inner members of conducting material insulated from each other and disposed within said outer member, said inner members having substantially equal length, one of said inner members having an electron controlling extension at each end thereof surrounding a portion of the other one of said pair of inner members, and electron emitting means coextensive with said extensions, each of said extensions and the portions of said members coextensive with said extensions constituting a three-element vacuum tube with the intermediate sections of said members constituting transmission lines.

2,439,513
ADIPIC ACID PROCESS
Clement H. Hamblet and Ambrose McAlevy, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application November 30, 1945, Serial No. 632,081
3 Claims. (Cl. 260—533)

2. In a process for the preparation of adipic acid by the oxidation of cyclohexane, the steps which comprise oxidizing cyclohexane with air at a temperature between 50° and 175° C. and under a pressure between 50 and 500 p. s. i. until from 0.5 to 2 moles of oxygen react per mole of cyclohexane attacked, separating the unoxidized cyclohexane from the reaction mixture and oxidizing the cyclohexane-free reaction mixture with nitric acid at a temperature between 50° and 150° C. and at a pressure between 15 and 500 p. s. i. to adipic acid.

2,439,514
COMPOSITE STRUCTURES
Lee R. Herndon, Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 23, 1941, Serial No. 403,765
22 Claims. (Cl. 154—136)

1. The process of manufacturing reinforced rubber articles such as rubber tires and the like which comprises applying to an active hydrogen-containing fibrous reinforcing structure an active hydrogen-containing rubber and a cyanate taken from the group consisting of polyisocyanates, polyisothiocyanates, and mixed isocyanate-isothiocyanate compounds, associating the resulting structure with vulcanizable rubber, and subjecting the mass to a vulcanizing temperature.

2,439,515
VALVE FOR STEP-BY-STEP SERVOMOTORS
Richard Harold Hodgson, Vancouver, British Columbia, Canada
Application February 6, 1946, Serial No. 645,818
8 Claims. (Cl. 121—46.5)



5. A remote control valve comprising a cylindrical casing having an inlet port and a final suction port, and three circumferentially arranged ports forming side and centre ports and adapted to serve selectively as flow and return ports, a plug within the casing, said plug having a port with one end in constant register with the inlet port and four flow openings communicating with the opposite end of said port, some of which are adapted for selective registration with some of the three circumferentially arranged ports of the casing, a second suction port or channel aligned with the four flow ports and in communication with the final suction port, said second suction port or channel having a width at the periphery of the plug substantially twice that of each of the four openings, and means for rocking the plug.

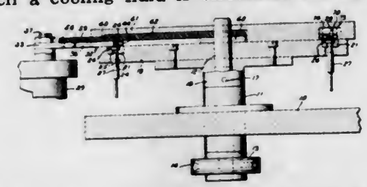
2,439,516
NAIL SEALING WASHER
Robert L. Holcomb, Fairfield, Conn., assignor of one-half to Sally O'B. Holcomb, Fairfield, Conn.
Application October 7, 1946, Serial No. 701,697
7 Claims. (Cl. 174—159)



2. In a fastening device, a fastening element including a shank and a head at one end of said shank, and a resiliently deformable sealing washer on said shank to engage the underside of said head, said washer having an aperture receiving said shank, said washer having a thin web-like portion at its underside distorted by and extending down from the washer along the shank and thereby gripping the latter and preventing casual separation of the element and washer during handling and shipment whether or not the shank freely passes through the aperture.

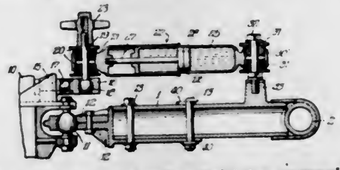
2,439,517
INDUCTION HEATING APPARATUS
Joel R. Johnson, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application November 10, 1945, Serial No. 627,817
4 Claims. (Cl. 219—47)

4. An electrical induction heating apparatus for heating work pieces comprising a rotatable carrier for supporting and conveying a series of work pieces to be heated in succession along a predetermined path, a stationary cover associated with said carrier having a substantially closed channel for the passage of said work pieces along said path, a stationary high frequency current heating loop in one portion of said channel between spaced portions of which the work pieces travel and effective to heat the same, a hollow loop secured to said stationary cover through which a cooling fluid is circulated arranged in



and extending throughout the greater portion of said channel between spaced portions of which the work pieces travel for cooling the same, a conduit connected to said stationary cover and communicating with said channel for introducing a non-oxidizing atmosphere into said channel to prevent oxidation of the heated work pieces during their cooling, and an extending plate attached to said heating loop and fitted in a transverse slot in said stationary cover for maintaining said cover stationary.

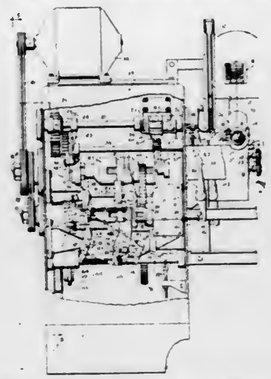
2,439,518
DRAW BAR
Clement B. Kasboske, Chicago, Ill., assignor to Martin Loeber, Chicago, Ill.
Application October 3, 1945, Serial No. 620,112
11 Claims. (Cl. 280—33.14)



1. A draw bar for towing vehicles comprising, a tongue, means rigidly securing said tongue to the vehicle that is to be towed, means securing said tongue to the vehicle that is to do the towing, said latter means permitting limited movement of the tongue around both vertical and horizontal axes through the means, and means extending between said latter means and said tongue for resisting movement of said tongue around said axes.

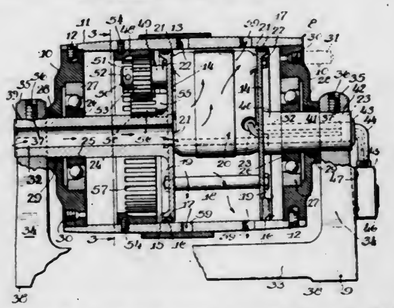
2,439,519
MACHINE FOR WINDING BOBBINS
Brooks Marcellus, Rockford, Ill., assignor to Barber-Colman Company, Rockford, Ill., a corporation of Illinois
Application March 23, 1944, Serial No. 527,702
18 Claims. (Cl. 242—32)

1. A bobbin winding machine having, in combination, a yarn traversing device and drive means therefor operative to impart movement to the device axially of the bobbin being wound, a cam shaft having cam means operative in the rotation of the shaft to effect return movement of the traversing device, said shaft having drive means including a clutch of the friction disk type with a shifting member, a spring for actuating said shifting member, means operable in the movement of the traversing device to energize said spring, a latch restraining said clutch shifting member against actuation by said spring, and



a controller operative mechanically in the movement of the traversing device at the end of the winding operation to disengage said latch and release the clutch to the action of said spring whereby to start the cam shaft.

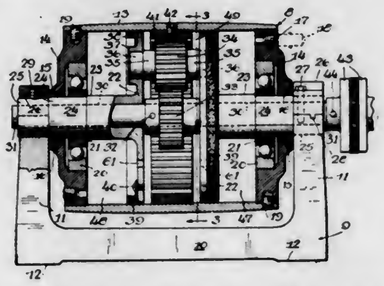
2,439,520
DRIVING MECHANISM
Frank Miller, Chicago, Ill.
Application January 8, 1945, Serial No. 571,911
1 Claim. (Cl. 74—421)



A compact driving unit comprising, a stator including, a base having two upright support arms, flanged elements provided with hollow stub shaft extensions rigidly secured to the said upright support arms, seal means secured to the peripheries of the flanges of the said flanged elements, motive power means confined between the said flanges and being secured thereto and provided with electrical connection means confined in one of the said hollow stub shaft extensions the terminus thereof secured to a source of electrical supply, a driving pinion co-extensive with the motor shaft passing thru a recess in the flange of one of said flanged elements, and an intermediate gear rotatably secured to the flange of one of said flanged elements and positioned in meshing relationship with the said driving pinion, the said driving pinion being eccentrically positioned with respect to the axis of said hollow stub shaft extensions; and a rotor including, a drum, drum flanges secured to each end of said drum, the said drum flanges provided with bearing means rotatably secured to the said hollow stub

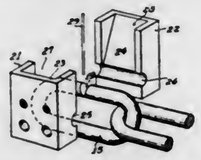
shaft extensions, and further provided with seal means fitted over the said hollow stub shaft extensions, the said drum being rendered rotatably operative about the flanges of the said flanged elements, the said first-mentioned seal means in conjunction with the said second-mentioned seal means defining outer compartments adapted to retain a volume of lubricant, means on the said drum flanges providing access to the said outer compartments permitting lubricant under pressure to be packed and retained therein, the said flanged elements positioned so as to define an intermediate compartment for confining the said motive power means therein, annular gear means secured internally of said drum and positioned in meshing relationship with the said intermediate gear, and ventilating openings in the periphery of the said drum communicating with the said intermediate compartment establishing an air circulating path thru the other of the said hollow stub shaft extensions to effectuate cooling of the said motive power means.

2,439,521
REDUCING GEAR MECHANISM
Frank Miller, Chicago, Ill.
Application January 8, 1945, Serial No. 571,913
9 Claims. (Cl. 74—421)



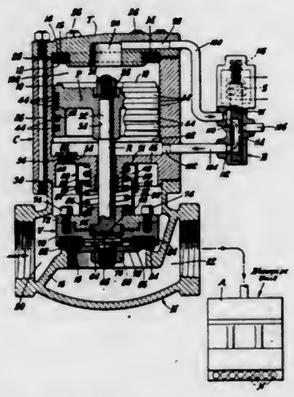
1. A compact reduction gear unit comprising, a stator including a base having two upright support arms, flanged elements provided with hollow stub shaft extensions rigidly secured to the said upright support arms, seal means secured to the peripheries of the flanges of the said flanged elements, and an intermediate gear rotatably secured between the inner faces of the said flanged elements and eccentrically positioned with respect to the axis of said hollow stub shaft extensions; and a rotor including, a drum, drum flanges secured to each end of said drum, the said drum flanges provided with bearing means rotatably secured to the said hollow stub shaft extensions, and further provided with seal means fitted over the said hollow stub shaft extensions, the said drum being rotatably operative about the flanges of the said flanged elements, the said first-mentioned seal means in conjunction with the said second-mentioned seal means defining outer compartments adapted to retain a volume of lubricant, means on the said drum flanges providing access to the said outer compartments permitting lubricant under pressure to be packed and retained therein, the said flanged elements positioned so as to define an intermediate lubricant retaining compartment, an annular gear secured within the said drum and positioned in enmeshing relationship with the said intermediate gear, a shaft rotatably confined within the said hollow stub shaft extensions, and a pinion secured to the said shaft in meshing engagement with the said intermediate gear, the said flanged elements provided with bores furnishing communicating passages for lubricant from the said outer compartments to the said intermediate compartment.

2,439,522
CHAIN AND METHOD OF MAKING THE SAME
Robert S. Miller, Portland, Oreg., assignor to Pacific Chain and Manufacturing Company, Portland, Oreg., a corporation of Oregon
Application November 22, 1941, Serial No. 420,090
16 Claims. (Cl. 59—35)



1. The method of making a chain link which comprises providing oppositely sloping surfaces on the ends of a substantially straight section of round bar steel, heating said bar to a degree to facilitate bending thereof, doubling back the opposite ends of said section toward each other and in a spaced relation with respect to the mid portion of said section in a manner to cause the sloping ends of said section to form a V therebetween, placing a mold around the adjacent ends of said section for confining a space therebetween corresponding in cross section substantially equal to the cross section of said bar section, introducing a metal electrode into said space so as to draw an arc and melt said electrode, and filling said space with said molten weld metal for homogeneously uniting said adjacent ends of said bar.

2,439,523
PISTON-OPERATED VALVE MECHANISM
Alfred J. Miller, Garwood, and Lloyd W. Young, Elizabeth, N. J., assignors to The Linde Air Products Company, a corporation of Ohio
Application July 15, 1944, Serial No. 545,062
5 Claims. (Cl. 137—139)



1. In a high-capacity oxygen supply valve mechanism, the combination comprising, a cylinder having an internal annular wall provided with a cylindrical flange having an internal recess, a bearing sleeve secured in said recess, a piston disposed in said cylinder on one side of said wall, a valve housing secured to said cylinder, said housing having an oxygen fluid inlet chamber opening to the other side of said wall, a valve in said chamber, a connecting rod secured at one end to said piston and at the other end to said valve, said rod having a sliding fit with said sleeve, said valve having an annular shoulder provided with a flange facing said first-named flange, a valve-closing compression spring disposed around said flanges, and a protective casing for said spring comprising telescoped parts one of which is held against one flange and the other against the other flange by said spring, and an annular filter secured to one of said parts and slidably engaging the other.

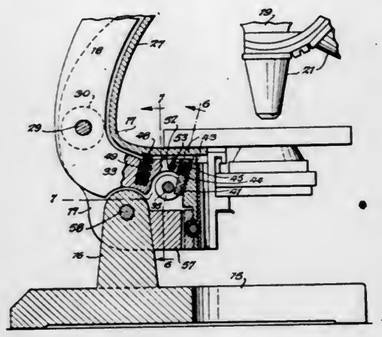
2,439,524
TUBULAR HAND GARDEN WEEDER
Earl E. Moore, Los Angeles, Calif.
Application May 2, 1945, Serial No. 591,480
7 Claims. (Cl. 97—63)



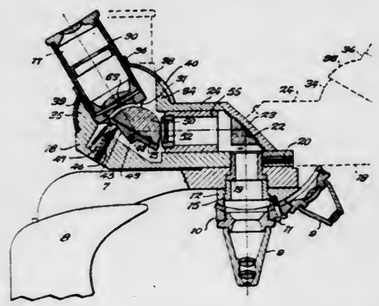
5. In a garden tool, a shank consisting of a single metal bar having its ends turned in opposite directions and at right angles to the length of the shank, a soil inserter at one of the ends of the shank and protruding beyond the longitudinal limits thereof, foot treadle means at the top of the inserter, and a removable plunger means within a central bore portion of the inserter with a foot treadle portion at the top thereof.

2,439,525
FINE ADJUSTMENT OF MICROSCOPE OBJECTIVE
Harvey N. Ott, Buffalo, N. Y.
Application March 30, 1944, Serial No. 528,686
9 Claims. (Cl. 88—39)

4. A microscope comprising a main frame having a stage mounted thereon, a body tube including an objective, an arm carrying said body tube and having a pivotal connection with said main frame which is slidable in a direction substantially parallel with said stage, a fine adjustment propelling mechanism acting on said arm for swinging the same about said pivotal connection, and cooperating parts on said arm and said frame including a groove and a pin slidable in said groove for imparting movement to said arm in a direction substantially parallel to said stage when the arm is swung about its pivotal connection, to reduce displacement of said objective in a direction other than perpendicular to said stage.



2,439,526
ADJUSTABLE MICROSCOPE EYEPIECE MOUNTING
Harvey N. Ott, Buffalo, N. Y.
Application April 14, 1944, Serial No. 531,001
2 Claims. (Cl. 88—39)

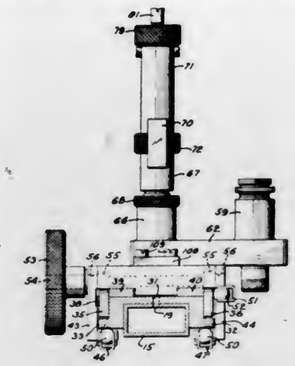


1. In an optical instrument having an eyepiece tube pivotally mounted on an eyepiece support at a side of the optical axis of the objective to swing to different positions about an axis and receiving light from the objective through the medium of reflectors, that improvement which includes pivoting one of the reflectors on an extension of the eyepiece tube in spaced relation to the pivotal axis about which said eyepiece tube swings, a cam arranged in fixed relation to said reflector, and a stationary part on said eyepiece support with which said cam cooperates to move said reflector when said eyepiece is moved to reflect light from the other reflector into said eyepiece.

2,439,527
WAVEMETER
Christian Paulson, Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application September 22, 1944, Serial No. 555,240
6 Claims. (Cl. 178—44)

5. In a wave meter, a section of a wave guide having a rectilinearly extending cavity, a base

block fixed to said section of wave guide, rails carried by said base block, a carriage supported by said rails for movement therealong and having surfaces at right angles one to another for



engaging one of said rails, and resiliently supported rollers positioned at right angles one to another and mounted on the carriage to bear against the base member and hold the carriage in intimate engagement with the rails.

2,439,528
AZINES AS OLEFIN POLYMERIZATION CATALYSTS
Milton J. Roedel, Talleyville, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application September 12, 1944, Serial No. 553,809
5 Claims. (Cl. 260—94)

4. In a process for the polymerization of a polymerizable monoolefin containing not more than 4 carbon atoms, the step which comprises carrying out the polymerization of said monoolefin under a pressure in excess of 4 atmospheres and at a temperature between 60° and 400° C., in the presence of 0.001 to 5%, based on the weight of monomer, of an azine catalyst having the formula $R_2C{=}N{-}N{=}CR_2$ in which one R of each R_2 group is a member of the class consisting of hydrogen, alkyl, alkaryl and aryl groups; the other R of the same R_2 group is a member of the class consisting of alkyl, alkaryl, and aryl groups, the formula of the azine having a symmetrical structure, there being present during the reaction no more than 1000 P. P. M. of oxygen.

2,439,529
HANGER FOR GARMENTS, WEARING APPAREL, ETC.
Andrew Stevenson, Los Angeles, Calif.
Application January 2, 1947, Serial No. 719,687
3 Claims. (Cl. 223—88)

1. As a new article of manufacture, a garment hanging unit comprising a coat hanging member having a central hanger arm for suspension of this member and coat shoulder supporting arms extending in opposite directions from said central arm, and inclined downwardly, vertically slotted extensions projecting inwardly from the outer ends of the shoulder arms, toward each other, and forming small platforms, and apparel supporting rails each including a head and a depending web, the latter detachably entering vertical slots of the extensions, and the head being of a cross section larger than the web to



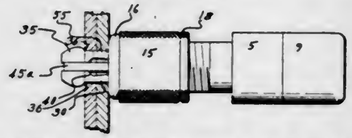
engage the tops of the platforms of the extensions.

2,439,530
CUSHION SPRING AND METHOD OF MAKING THE SAME
Clark A. Tea, Detroit, Mich.
Application June 22, 1944, Serial No. 541,489
5 Claims. (Cl. 155—179)



2. A spring comprising a strip having its side edges of opposite sinusoidal contours, said strip being bent transversely to its length at successive crests of the sinusoidal curves into a zigzag form.

2,439,531
SHEET METAL CLAMP
Frank C. Wallace, North Hollywood, Calif., assignor to Herman H. Helbush, Los Angeles, Calif.
Application November 27, 1944, Serial No. 565,316
5 Claims. (Cl. 85—5)

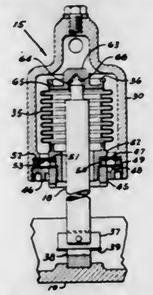


5. A sheet metal clamp comprising a body having a longitudinal bore, a sleeve threaded on the outer end of the body, said sleeve having an outer end wall providing a sheet engaging surface and presenting an axial opening, a plunger mounted to reciprocate in the bore of the body, said plunger carrying a retaining member projecting outwardly through said opening and having a lateral portion disposed in opposed relation to the work-engaging surface of the sleeve whereby to engage work therebetween, spreader means fixed to the body and disposed to engage and laterally move the retaining member upon movement of the plunger inwardly of the body, and spring means carried by the body and cooperating with the plunger to urge the latter inwardly of the body, said sleeve being axially adjustable relative to the body.

2,439,532
ANTHELMINTIC COMPOSITIONS
John A. Whiting and David V. Whitney, Jr., Kansas City, Mo., assignors to Armour and Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application December 23, 1943, Serial No. 515,371
5 Claims. (Cl. 167—53)

1. An anthelmintic composition for sheep comprising dried brewer's grain and an anthelmintic substance mixed with said grain.

2,439,533
HYDRAULIC WEIGHING SCALE
Lawrence S. Williams, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a corporation of New Jersey
Application September 6, 1944, Serial No. 552,865
7 Claims. (Cl. 265—47)



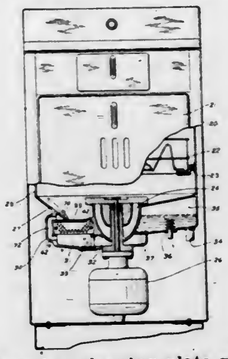
1. In a device of the class described, in combination, a housing having a recess connected to a source of hydraulic pressure, an elastic bellows mounted in said recess, means for sealing the inner end of the bellows and transmitting force from said bellows, and a resilient mounting for supporting said bellows and sealing the space between said bellows and the mouth of said recess, said resilient means comprising a pair of spaced annular diaphragms, one of which is subjected to hydraulic pressure.

2,439,534
EXTRACTION OF HYDROCARBONS
Benjamin G. Wilkes, Jr., Wilkinsburg, Pa., assignor to Carbide and Carbon Chemicals Corporation, a corporation of New York
No Drawing. Application April 7, 1945, Serial No. 587,221
6 Claims. (Cl. 196—14.35)

5. Process for separating a hydrocarbon mixture into portions respectively enriched in the chemically more unsaturated constituents and in the chemically less unsaturated or saturated constituents of such mixture, which comprises extracting the hydrocarbon mixture with an aliphatic cyano compound formed by reacting acrylonitrile with a compound selected from the class consisting of the mono- and polyethylene amines, and the monomethyl and monoethyl ethers of ethylene glycol, of diethylene glycol and of triethylene glycol.

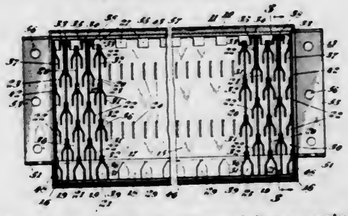
2,439,535
FILTER
Ellsworth M. Wilson, Southport, Conn., assignor to Remington Arms Company, Inc., Bridgeport, Conn., a corporation of Delaware
Application September 16, 1944, Serial No. 554,416
5 Claims. (Cl. 210—169)

1. In an apparatus including a filter chamber, an inlet to said filter chamber and an outlet therefrom; filter means adapted to be removably positioned in said chamber between said inlet and outlet, said filtering means comprising an assembly of a removable side wall of said chamber, a plurality of substantially parallel filter rods uniformly spaced from each other in a lateral direction, rigidly attached to said wall and extending therefrom across said chamber transversely and



laterally thereof, a cleaning plate provided with a plurality of apertures through which said rods pass, slidably mounted on said rods; and means in said chamber walls releasably engaging said cleaning plate to normally position it adjacent said removable wall, whereby when said filter assembly has been removed from said chamber said cleaning plate may be moved lengthwise of said rods to remove debris therefrom.

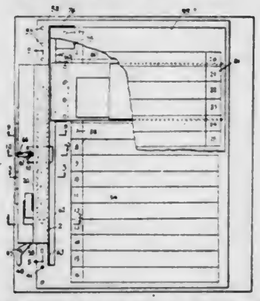
2,439,536
SEPARATOR
Eugene Porter Worthen, Braintree, Fenner Smith Barbour, Wollaston, and Stephen Roger Putnam, North Quincy, Mass., assignors, by mesne assignments, to Buena Vista Iron Company, a corporation of New Jersey
Original application May 27, 1942, Serial No. 444,676. Divided and this application June 7, 1944, Serial No. 539,214
1 Claim. (Cl. 183—111)



A vapor separator unit comprising a casing having a top wall, side walls, and a bottom drain plate and vertical division walls defining a plurality of narrow conduits each having a vapor inlet front end and a vapor discharge rear end, each said conduit comprising a plurality of comparatively narrow flat liquid-intercepting forewalls disposed in spaced vertical flat-wise approximate alignment with the center-line plane of said conduit, each of said forewalls having an unattached front edge directed toward said vapor inlet front end, the rear edges of each of said forewalls being attached alternately to opposed adjacent division walls by a connecting wall forming an angle with either face of its respective forewall greater than a right angle, having

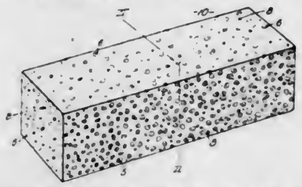
a low angle of incidence to said division walls whereby liquid-intercepting pockets are formed vertically on said conduit walls, individual drain means for each first one of said pockets for discharging liquid entrained therein, and collectve drain means for all remaining of said pockets for discharging separately the liquid entrained therein, said collective drain means comprising front and rear walls forming a settling chamber enclosing the lower ends of said remaining of said pockets, drainage openings along the rear edge of said drain plate, and a drain pot adapted to receive the entrained liquid from said settling chamber and to discharge it therefrom.

2,439,537
BOOKKEEPING APPLIANCE
Joseph Zalkind, New York, N. Y.
Application May 12, 1945, Serial No. 593,347
9 Claims. (Cl. 282—29)



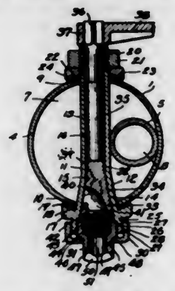
5. A bookkeeping appliance comprising a base adapted to support a relatively large master form; a housing pivotally supported at one end of the base; yieldable means to support the housing at an elevation above the base at a short distance therefrom; a pair of pulleys rotatively supported in the housing; an endless belt on the pulleys; a plurality of equally spaced pins on the endless belt arranged to engage the master form from above; means to manually rotate one of the pulleys for moving the belt in steps equal to the distance between the consecutive pins; a plate extending from the housing; pins extending upwards from the plate for supporting additional forms; and a guide bar adjustably supported on the plate for positioning an intermediate form.

2,439,538
DEODORIZING COMPOSITION OF MATTER FOR FOOD STORAGE COMPARTMENTS
C. J. Burgess, Liberty, Mo.
Application July 17, 1943, Serial No. 495,228
4 Claims. (Cl. 252—265)



1. A composition of matter of the character described consisting of one part by weight of activated carbon, serving as an absorbing agent; four parts Portland cement, serving as a binder for the mass; two parts calcium carbonate, serving as a filler; two parts granular, calcined vermiculite, serving as means for forming a multiplicity of ramified interconnected cavities throughout the mass, there being a relatively greater concentration of activated carbon around the granules of calcined vermiculite than elsewhere in said mass.

2,439,539
VALVE FOR SPRAY BARS
William E. Cellwork, Kansas City, Mo., assignor to Standard Steel Works, Kansas City, Mo., a corporation of Missouri
Application December 18, 1944, Serial No. 568,610
3 Claims. (Cl. 137—21)

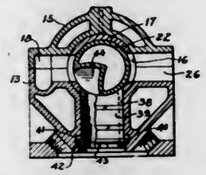


1. In an apparatus of the character described, a substantially cylindrical tubular member through which a liquid is to be circulated and having differential sized openings in opposite walls thereof, a valve housing extending through said openings and having a tapered valve chamber with the base thereof closing the larger of said openings, said valve housing having a bore coaxial with said chamber, an annular flange on the valve housing at the base of said chamber and encircling the larger of said openings and having curvature to conform with the curvature of the tubular member to seat the flange and prevent rotation of the valve housing in said openings, a washer sleeved on the housing and encircling the smaller of said openings, said washer also being curved to conform with the tubular member, gaskets between the washer and tubular member and between the tubular member and said flange and encircling the openings on the outer sides of said members, a nut having threaded connection with the valve housing and engaging the washer to draw said gaskets into sealing contact with the sides of the tubular member while the valve housing and washer are prevented from turning by said curved engagement with the tubular member to effect seals between the valve housing and the tubular member, a valve member having a tapered head in the tapered valve chamber and having a shank oscillatably mounted in the coaxial bore, and means having connection with the valve housing on the exterior side of said flange for retaining the valve member in the valve housing.

2,439,540
ROTARY VALVE FOR INTERNAL-COMBUSTION ENGINES
Edward Graney Grubbs, Los Angeles, Calif.
Application May 2, 1944, Serial No. 533,766
1 Claim. (Cl. 123—80)

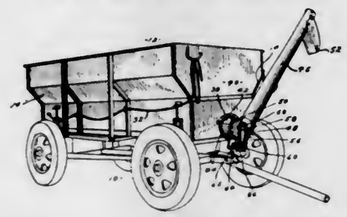
In a rotary valve gas engine having compression cylinders, pistons in said cylinders, means for sealing said valve against leakage due to compression of said pistons moving in said cylinders,

comprising a cylindrical member engaging said rotary valve and mounted for axial movement relative thereto and held in sealing engagement therewith through compression generated by movement of said pistons, said cylindrical sealing member having an external flange on its end away from said rotary valve, an extension of said compression cylinders, a three dimension bore in said extension including a ledge at its lower end, for the reception of said cylindrical sealing member, a compressible retaining ring adapted



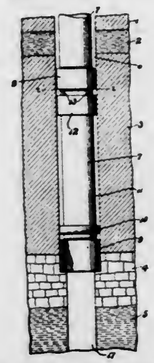
to snap into the lower end of said extension and having a bevel surface on its lower edge to rest on said ledge to hold said cylindrical sealing member in said cylindrical extension when said parts are assembled in operative relation to seal said valve, which construction and assemblage of parts permits disassembling thereof by simply pressing downward on said cylindrical sealing member which will force and compress said compressible retaining ring past said ledge and thereby permit removal of said sealing member from the lower end of said extension.

2,439,541
SELF-UNLOADING FEED WAGON
Marshall V. Hall, Hiawatha, Kans.
Application July 29, 1946, Serial No. 686,867
2 Claims. (Cl. 214—83.32)



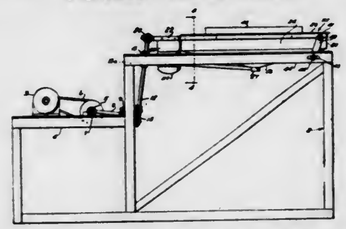
1. A vehicle of the character described comprising a hollow body having a body of substantially inverted V-shaped cross sectional form and a pair of opposed end walls; a prime mover mounted on one of said ends of the body, the opposite end of the body having an outlet opening formed therein near the apex of the bottom wall thereof; an elongated screw conveyor extending between the ends of the body and having one end thereof passing through said outlet opening, the opposite end of the conveyor being operably joined to said prime mover, a hollow housing enclosing that part of the conveyor disposed exteriorly of said opposite end of the body, said housing being mounted on the opposite end of the body for rotation about the axis of said conveyor; a laterally extending pipe secured to said housing, said housing having an opening formed therein registering with said pipe; a second screw conveyor in said pipe having one end thereof overlapping said first mentioned conveyor; and structure operably interconnecting said conveyors.

2,439,542
WATER DETECTOR FOR OIL WELLS
Raymond S. Hunt, Mount Pleasant, Mich.
Application April 4, 1945, Serial No. 586,511
4 Claims. (Cl. 166—1)



1. A structure as described comprising, a sleeve open at both ends through which a lowermost section of a casing of an oil well is adapted to be passed, said sleeve having a cavity formed between the inner and outer sides of the sleeve, water soluble dye partially filling said cavity, and a seal of material which dissolves slowly in water closing said cavity adjacent its upper end.

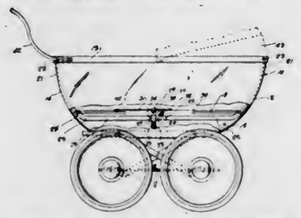
2,439,543
CITRUS JUICE SCREENER
William R. Ketchum, Maricopa County, Ariz.
Application October 16, 1944, Serial No. 558,907
3 Claims. (Cl. 210—149)



1. A screener for fruit juices including, in combination, a supporting base, an open top hopper having a rectangular upper portion open at one end and a funnel-like lower part leading to a juice discharge, screens horizontally extending and vertically disposed in the said upper part, the screen portions adjacent the open end of said hopper constituting a discharge, a transversely extending downwardly and outwardly slanting basket screen positioned on said hopper at its discharge end, a juice collecting box positioned below said basket screen connected with said hopper, mechanism on said base to provide a longitudinally horizontal and vertically ascending arcuate motion, including links pivotally attached to said hopper upper part near the closed end, depending therefrom and pivotally mounted on said base at their lower ends, and a jig bar, operably attached to the discharge end of said hopper at its upper end, pivotally supported on said frame at a desired distance therebelow, and attached to a crank at its lower end, together with motive mechanism for operating said crank at a predetermined speed, beating rolls loosely retained in

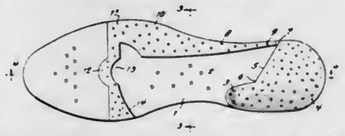
cavities in the lateral edges of said hopper above the upper screen therein, and adapted to bear thereon, and attain rotary motion by contact with the confining sides of said cavities.

2,439,544
BABY CARRIAGE
Samuel Kroll and Nathan J. Kroll, Chicago, Ill.
Application June 26, 1944, Serial No. 542,125
6 Claims. (Cl. 296—27)



6. A collapsible carriage comprising a flexible body having a substantially rigid rim, a footwell mounted in said body, stay members having corresponding end portions pivotally connected to said rim, guiding means provided by said footwell for said stay members, and ratchet means for releasably latching said stay members in position to hold said body in extended condition, said ratchet means comprising bar members arranged in pairs with the ratchet bearing ends of said bar members disposed in overlapping position and movable in opposite directions with respect to each other upon collapsing and extending of said flexible body

2,439,545
ARCH SUPPORT DEVICE
Jean Matlas, New York, N. Y.
Application November 29, 1945, Serial No. 631,517
4 Claims. (Cl. 36—71)



1. An arch support comprising a flat base having the outline of a foot, a raised portion thereon in the scaphoid area extending rearwardly along the inner edge of the heel to the rear thereof, said base having a relatively narrow and flat outer border wedge, the outer edge of said heel being lower than the inner edge, a flat metatarsal crossbar on said base having a central metatarsal excavation, a pad of displaceable deformable material on the central part of said base and resting on said outer wedge, said pad having a recess in the scaphoid area adjacent to said raised portion, said pad extending to the inner edge of said support, said pad being thickest at said inner edge and tapering to the outer edge of said support, the thick portion of said pad overlying said crossbar at said metatarsal excavation.

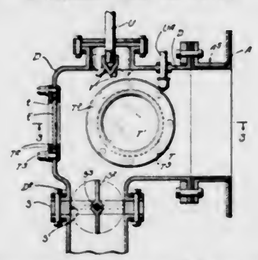
2,439,546
PISTON RING
Thurlow E. McFall, Sparta, Mich.
Application July 22, 1946, Serial No. 685,471
2 Claims. (Cl. 309—45)

1. A piston ring structure comprising, a spring member consisting of a single length of thin flat spring material having alternate inwardly and outwardly extending curved loops, with adjacent sides of the outwardly extending loops in closer proximity to each other than the sides of the inwardly extending loops, said spring member having a shape of substantially circular outline with the ends thereof in close proximity to each other, and a plurality of cylinder wall engaging members one for each of the inwardly extending



loops each of said cylinder engaging members comprising an intermediate vertical section of flat metal having substantially vertical edges and widened flanges extending outwardly from the upper and lower edges of said vertical sections, said vertical sections being disposed in and gripped by the sides of said inwardly extending loops and extending over and at their outer edges beyond said outwardly extending loops.

2,439,547
APPARATUS FOR PRODUCTION OF AMMONIUM SULPHATE
Carl Otto, Manhasset, N. Y., assignor to Fuel Refining Corporation, New York, N. Y., a corporation of Delaware
Application March 8, 1944, Serial No. 525,543
1 Claim. (Cl. 23—273)

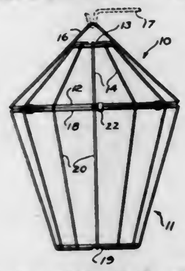


Apparatus for producing sulphate of ammonia crystals from distillation gas comprising a saturator tank having a bath liquor overflow outlet opening intermediate its upper and lower ends, conduit means connected to a source of supply of distillation gas and extending into the portion of said tank below the overflow outlet opening for continuously passing distillation gas through said saturator and into scrubbing contact with said bath liquor, an overflow conduit comprising a pipe having one end connected to said tank and communicating with the tank interior through said opening, an outlet chamber member secured to the second end of said pipe and provided with one or more windows through which the interior of said pipe and tank may be inspected, and means for introducing fluid into said chamber member to prevent sulphate crystal deposits on its walls and windows.

2,439,548
METHOD FOR MAKING SUPPORTS
Paul H. Planeta, Linden, N. J., assignor to Anthony Planeta, Linden, N. J.
Application September 14, 1943, Serial No. 502,269
5 Claims. (Cl. 140—71)

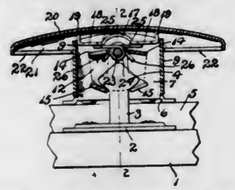
1. A method of making a wire cage supporting device consisting of the steps of positioning a

plurality of rod-like elements radially about a common center in a common plane with their ends at random distances from said center, electromagnetically and simultaneously adjusting the inner ends of said elements to lie in a circle of predetermined diameter, positioning of rim element of larger diameter than said circle over said rod-like elements and coaxial with the common center about which said rod-



like elements are positioned, whereby the inner ends of said rod-like elements extend within said rim element, securing said rim element to said rod-like elements, forming the portions of said rod-like elements outside the rim element to positions lying in vertical planes passing radially through said common center and securing a second rim element to the top ends of the rod-like elements.

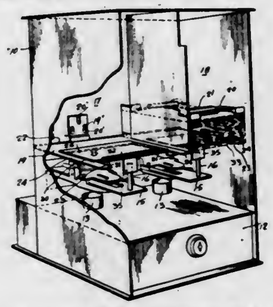
2,439,549
CUPBOARD CATCH
Herbert Quigley and Herman Ter Meer, Grand Rapids, Mich., assignors to National Brass Company, Grand Rapids, Mich., a corporation of Michigan
Application January 8, 1945, Serial No. 571,728
7 Claims. (Cl. 292—52)



6. In a latch, a body, a pair of jaw members pivoted on said body and adapted to engage a keeper, spring means acting to move said jaws into engaging position, an actuating member pivoted on the body on an axis transverse to the axis of the jaw members and movable into engagement with said jaws to move them into inoperative position, and a manual member pivoted on said body and movable in either direction about its pivot to engage and move said actuating member in a direction to move the jaws into inoperative position.

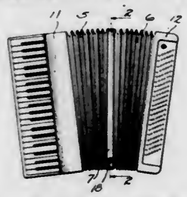
2,439,550
VENDING MACHINE
Percy C. Smith, Chicago, Ill., assignor to The Exhibit Supply Company, Chicago, Ill., a corporation of Illinois
Application May 11, 1945, Serial No. 593,206
4 Claims. (Cl. 312—55)

1. In a vending machine, the combination with a pusher-operating member including an upstanding stud, a partition spaced from and disposed above said pusher-operating member for supporting a stack of cards and having a cut-out portion providing opposite guide arms, of means for moving the bottom card of said stack of cards comprising a pusher having oppositely disposed parallel grooves receiving adjacent long edges of said guide arms, spaced plates depending from said pusher between which said stud is adapted



to move for alternately engaging said plates, for moving said pusher in opposite directions relative to said partition, said pusher having along one edge thereof a substantially elongated flat raised portion of a thickness adapted to permit engagement with an edge of only the bottom card of said stack of cards, for moving said bottom card from beneath said stack upon movement of said pusher in one direction.

2,439,551
ACCORDION WITH AMPLIFIER ATTACHMENT
Edward D. Teikowski, Milwaukee, Wis.
Application July 26, 1944, Serial No. 546,673
2 Claims. (Cl. 84—1.04)

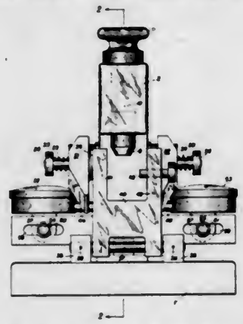


1. In an accordion comprising separate bellows sections and a substantially rigid floating frame substantially centrally thereof and to which adjacent ends of such sections are respectively connected, the combination with such frame, of a pickup device mounted on the floating frame, and electrical connections therefrom carried by said frame, whereby the musical tones from both ends of the accordion may be picked up and conduction of mechanical noises damped.

2,439,552
INDICATOR FOR PLAY OF GYRO ROTORS IN FRAMES
Russell W. Walters, Cleveland, Ohio, assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio, a corporation of Delaware
Application October 23, 1945, Serial No. 624,031
7 Claims. (Cl. 33—174)

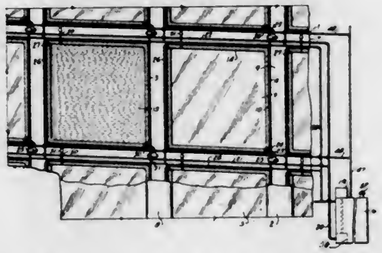
1. A device for measuring and indicating the end play of a rotor in its suspension frame, a

supporting frame, a supporting means engaging the opposite sides of said suspension frame in the plane of rotation of said rotor for centering and clamping said suspension frame in said supporting means, clamping means for engaging the opposite sides of said suspension frame coincidental with the axis of said rotor, means for engaging in clamped relation the opposite side faces of said rotor, said rotor clamping means being



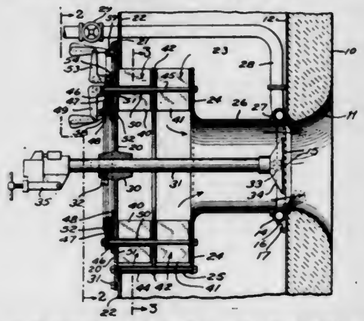
also slidable in a plane parallel with the axis of said rotor to determine the existence of end play of said rotor in said suspension frame and gauges including members engaging the side faces of said rotor and responsive to side movements of said rotor upon manual side pressure on said slidable rotor clamping means to visually indicate the end play of said rotor in said suspension frame.

2,439,553
SELECTIVELY CONTROLLED LIGHT SHIELDING LIQUID SYSTEM FOR MULTIPLE WINDOW CONSTRUCTION
Roy W. Winn, Kansas City, Mo.
Application September 7, 1945, Serial No. 614,923
2 Claims. (Cl. 88—57.5)



1. In a structure having a plurality of window openings, a hollow framework, spaced transparent panels arranged in pairs and mounted in said framework, each pair of panels closing one of said openings, means for sealing the edges of said pairs of panels to form chambers therebetween, a closed system for selectively supplying liquid to said chambers for rendering same opaque comprising, a storage container, opaque liquid in said container, a manifold pressure line leading from the container through the framework, a manifold return line in the framework communicating with the container, a manifold breather line in the framework communicating with the container, means arranged adjacent each window opening operative to effect communication between one of the pressure manifold lines and the return manifold line with the chamber between the panels while simultaneously terminating communication between the other manifold line and the chamber, means to prevent backflow from the chambers to the pressure manifold line, means communicating the upper end of the respective chambers with the return manifold line for returning excess liquid from the chambers to the liquid container, and means communicating the upper end of each chamber with the breather manifold line including a trap to prevent liquid from flowing from the chambers into said breather line, whereby one chamber may be filled with liquid while the other is being drained.

2,439,554
AIR REGISTER
Arleigh W. Anderson, Pasadena, Calif.
Application July 25, 1945, Serial No. 606,929
12 Claims. (Cl. 158—1.5)

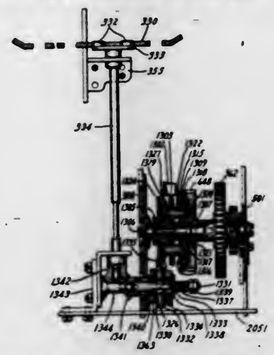


1. In a burner having a throat and fuel supply means for introducing fuel to said throat for combustion, an air register supplying air for combustion to the fuel in said throat comprising a plurality of axially spaced sets of peripheral air doors for admitting air to the periphery of said register, said doors being mounted for rotation through approximately 180°, and means for adjusting said doors to obtain any desired angularity thereof, so as to control both the direction of rotation and the speed of air passing therethrough.

2,439,555
REVERSIBLE CYCLIC POWER TRANSMISSION MECHANISM
Harold T. Avery, Oakland, Calif., assignor to Marchant Calculating Machine Company, a corporation of California
Original application September 6, 1938, Serial No. 228,613. Divided and this application September 18, 1944, Serial No. 554,557
14 Claims. (Cl. 192—3.6)

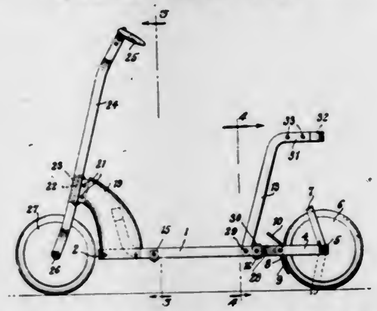
1. In a cyclically operable power transmission for releasably connecting a rotatable driving element with a cyclically operable rotatable driven element; the combination with means for selectively effecting a driving connection between said driving and driven elements comprising a control member selectively adjustable to an active position to cause said driving element to rotate said driven element, and to an inactive position to permit rotation of said driving element without transmission of driving movement to said driven element; of means for latching said control member in active position, a device responsive to movement of said member to active position and operable independently of said driven element for controlling movement of said latching means to latching position, means operating in timed

relationship with said driven element for releasing said control member from said latching means at a point in each cycle of operation of said driven element which is antecedent to the arrival of said



driven element at its full cycle position, and means for returning said control member to said inactive position upon release thereof from said latching means.

2,439,556
SCOOTER
Joseph C. Bancroft, New York, N. Y.
Application July 17, 1946, Serial No. 684,216
3 Claims. (Cl. 280—87.04)



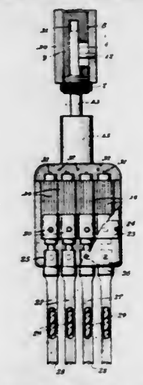
2. In a toy vehicle of the scooter type, a loop-shaped frame, a wheel supported within the rear of the frame, a platform supported within and having its edge spaced from the frame, the forward end of the frame forming a continuous curve, a sheet metal shield extending around said curved part of the frame and arising therefrom, a front fork pivotally supported at the forward end of the shield, a seat pivotally supported by the frame, stops on the frame for limiting the upward pivotal movement of the seat, supports on which the seat is carried, said supports when lowered, fitting between the frame and the platform, and the seat when in said lowered position, being located at the forward end of the platform behind the shield.

2,439,557
ROTARY PLOW
Lawrence C. Blackledge, Portland, Oreg.
Application July 29, 1943, Serial No. 496,580
10 Claims. (Cl. 97—219)

1. An integral blade for a cutter element of a rotary plow comprising a relatively thin annular disc characterized by alternately disposed and laterally and oppositely inclined cutting peripheral sections and a central portion forming a right helicoid.



2,439,558
ATTACHMENT FOR MORTISE MACHINES
Doyes N. Brown, Vallejo, Calif.
Application January 3, 1944, Serial No. 516,811
1 Claim. (Cl. 144—78)

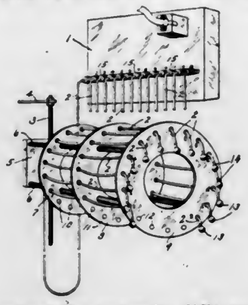


In a multiple bit attachment for a conventional single bit mortising machine, a housing arranged for operative connection to said machine; a plurality of spaced apart hollow chisel sockets in the bottom wall of said housing; a plurality of hollow chisels removably secured in said chisel sockets; a plurality of spaced apart driven gear elements journalled in said housing and disposed one in axial alignment with each of said chisel sockets and having their axes disposed substantially in a common plane; a bit receiving socket in each of said driven gear elements, a bit operatively associated with each of said hollow chisels and removably secured in said bit receiving socket; a pair of idler gears journalled in said housing, each meshing with one-half of said plurality of driven gear elements; a drive gear disposed between and meshing with said idler gears, said idler gears and said drive gear having their axes substantially in a common plane parallel to the plane of the axes of said driven gear elements and said idler gears being larger than said drive gear by an amount sufficient to permit meshing of said drive gear with said idler gears without interference with said driven gear elements; and a drive shaft extending from said drive gear out of said housing for operative connection to the machine.

2,439,559
ELECTROENCEPHALOGRAPH ELECTRODE COORDINATOR
Marvin A. Buffington, Cleveland, Ohio
Application March 7, 1947, Serial No. 733,249
11 Claims. (Cl. 128—2.1)

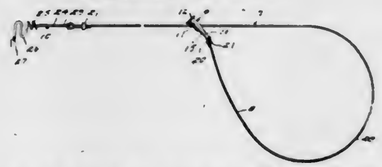
1. An electrode coordinator device of the class described, comprising a carrier shaft, a base member slidably and rotatably mounted on said shaft, a plurality of flat ring-like members,

means associated with said base member for supporting said ring-like members in spaced relation concentrically disposed and with their planes parallel to one another, and means adjustably cooperable with said shaft and said base mem-



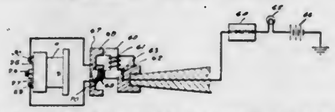
ber for adjusting the same in different rotative and axial positions relative to said shaft, said ring-like members each having a plurality of circumferentially spaced openings, each of said openings being alined with a respective opening on each of the other of said ring-like members.

2,439,560
ANIMAL SNARE
Robert S. Connor, Little Marais, Minn.
Application May 29, 1946, Serial No. 672,997
6 Claims. (Cl. 43—87)



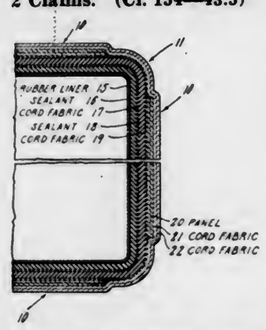
1. In a snare, an elongated flexible member, a lock having one end thereof connected to an end of the flexible member and provided with a tubular portion at its opposite end through which a portion of the flexible member loosely extends, said tubular portion being open at its ends and being of an internal diameter substantially greater than the diameter of the flexible member and less than the length of said tubular portion, said lock combining with a portion of the flexible member to form a loop or noose and being constructed and arranged whereby the tubular portion thereof will slide freely on the flexible member in a direction for restricting the size of the loop or noose, and means, forming a part of said tubular portion, to resist movement of the lock in the opposite direction relatively to the flexible member.

2,439,561
PRESSURE INDICATOR FOR PNEUMATIC TIRES
Peter Ames Cressey, McGregor, Tex.
Application August 8, 1944, Serial No. 548,554
2 Claims. (Cl. 177—311)



1. In an indicator signal system for pneumatic tires mounted on rotating wheels, a single circuit including a source of pulsating currents and a signal, the currents normally flowing in the circuit being incapable of operating the signal, means for increasing the current flowing through said circuit, said means comprising an inductor with a single winding arranged on the rotating wheel and a stationary single winding in close proximity thereto, one of said windings being included in the aforesaid single circuit, a switch controlled short circuit for the other winding and pressure responsive means connected with the pneumatic tire for controlling the short circuit.

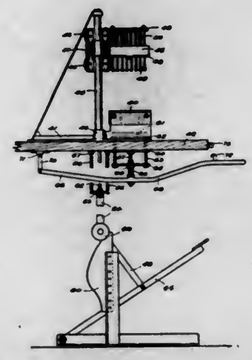
2,439,562
FUEL TANK
Marion M. Cunningham, South Bend, Ind., assignor to United States Rubber Company, New York, N. Y., a corporation of New Jersey
Application April 1, 1944, Serial No. 529,157
2 Claims. (Cl. 154—43.5)



2. A selfsealing, non-metallic fuel tank for use in airplanes in close proximity to the metal walls of the airplane, said tank having stiff walls and rounded flexible marginal edge portions where the walls join one another, each wall being formed of a puncture sealing layer and an outer protecting and reinforcing layer of textile material and having secured between and in contact with these layers a resilient shatter-resistant panel of stiff, tough, high tensile material formed of woven glass cloth impregnated with a synthetic resin and through which a projectile will cut a clean hole and which panel is hard enough to prevent the metal of a near wall from flowering under the impact of the projectile through the panel into the wound of the puncture sealing layer, said panel being somewhat smaller in area than the layers between which it is secured, whereby a paneled wall can be forced bodily inwardly to reduce the size of the tank by bending the less rigid marginal edge portions.

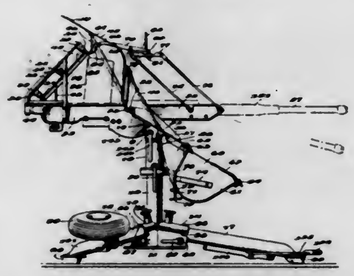
2,439,563
MANUFACTURE OF SAND CORES
Ralph Dainty, Willenhall, England
Application March 23, 1944, Serial No. 527,714
In Great Britain January 15, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires February 14, 1964
1 Claim. (Cl. 22—10)

Apparatus for the simultaneous manufacture of a plurality of rod-like sand cores or the like comprising a plurality of parallel stationary moulds, movable means for closing the moulds at one end during the formation of the cores, a frame guided to move in a path substantially parallel to the axes of the moulds, means for moving the frame towards and away from the moulds, a plurality of plungers corresponding in number and spacing to the moulds yieldingly mounted in and projecting from the frame and adapted to enter and yieldingly ram sand in the moulds, said frame including two spaced plates, one of said plates being provided with openings



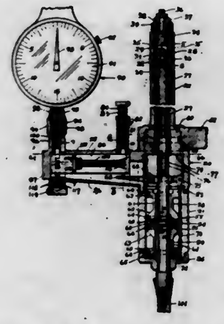
in which said plungers are guided, the other plate being provided with similarly arranged openings and being shiftable in its plane, so that the plungers can move freely through said other plate when the openings of both plates register, but are locked when the openings are out of registry.

2,439,564
MOBILE GUN MOUNT
Walter H. D'Ardenne, Jenkintown Manor, Weber Devore, Horsham Township, Montgomery County, Robert W. Wolf, Philadelphia, and Thomas E. Boyd, Melrose Park, Pa., assignors to Heintz Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application February 28, 1944, Serial No. 524,282
5 Claims. (Cl. 89—40)



1. A mobile gun mount for light automatic fast firing cannon and the like, comprising, a vertical support for a gun cradle and shield, three legs the inner ends of which are detachably secured in the base of said support, two of said legs having pivoted joints intermediate their ends, means on said two legs for supporting wheels, means for securing said jointed legs selectively in straight position with their outer ends resting on the ground and with the wheel axes in upright position or in elbowed position in which their outer ends are positioned to the side and in a position out of the way of supporting wheels, the third leg comprising a towing leg.

2,439,565
CONTOUR AND DEPTH GAUGE OF DIAL INDICATOR TYPE
Basil Egor, Valley Stream, N. Y.
Application April 20, 1946, Serial No. 663,716
13 Claims. (Cl. 33—172)

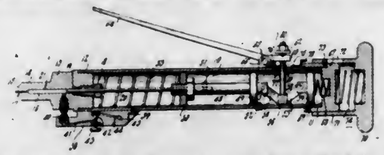


11. A contour and depth gauge, comprising a casing provided with a cylindrical member and a tubular member coaxially of and above said cylindrical member, a vertical rod extending coaxially through said member, a spherical part mounted on the top portion of said rod, a seat for and beneath said spherical part for supporting said rod in order that said rod may oscillate as well as move longitudinally of its own axis, a disc mounted at right angles on said rod at a point within said cylindrical member and having opposed and parallel top and bottom faces provided with bearing points extending annularly coaxially of said rod, a top piston and a bottom piston slidably mounted in said cylindrical member with respect to the top and to the bottom of said disc and having frusto-conical portions engaging said bearing points and furthermore having openings through which said rod passes, a horizontal lever pivotally mounted intermediate of its ends on and diametrically of said top piston, a flexible link connecting the back end of said lever with said bottom piston, resilient means urging the front end of said lever downwards for resiliently engaging said pistons against the bearing points on said disc, and a distance indicating device connecting with said lever for indicating lateral and upward movements of said rod, said resilient means for urging the front end of said lever downwards including a block mounted in said casing, a rod slidably mounted in said block and having its bottom end engaging said lever, and a second resilient means urging said rod downwards, said second resilient means including a spring, and means for adjusting the pressure of said spring.

2,439,566
HYDRAULIC GUN
Armand R. Gamache, Springfield, Mass., assignor to United States Rubber Company, New York, N. Y., a corporation of New Jersey
Application November 2, 1943, Serial No. 508,753
3 Claims. (Cl. 222—123)

1. An hydraulic gun for forcing a quantity of liquid into the bore of an hydraulic expandable rivet, comprising a gun body having an end portion formed with a pressure chamber and an apertured end adapted for liquid-tight engagement with the entrance to said bore, a plunger slidable in said chamber, toggle means disposed in axial alignment with said plunger and adapted

to be moved from its angular to its straight position to advance the plunger in the chamber and force the liquid through said aperture, and an adjustable stop at one end of the toggle to thereby



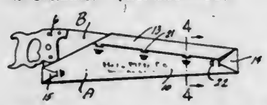
vary the amount of movement imparted to the plunger by straightening the toggle so as to deliver an adjustable measured quantity of liquid into the bore of the rivet.

2,439,567
BRASSIÈRE
Albert A. Glasser, Los Angeles, Calif.
Application October 29, 1945, Serial No. 625,119
1 Claim. (Cl. 2—42)



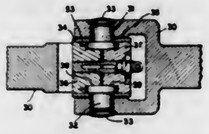
A brassière comprising a body encircling member having a pair of breast-covering portions and having a pair of side extension panels attached to the outer ends of said breast-covering portions, a pair of four-sided substantially rectangular breast-supporting strips secured to the inner surface of said breast-covering portions along only their lower edges, said strips extending laterally at their lower edges completely across the breast-covering portions and being co-terminous at their lower edges with the lower edge of the brassière, and means suspending the rectangular strips from the respective shoulder straps, the last-named means consisting of a pair of elongated straps for each strip, said straps being located entirely inwardly of said breast covering portions and each pair of straps being secured at their lower ends to the top corner portions of a strip and being secured at their other ends to a shoulder strap.

2,439,568
SAW GUARD
Leyel C. Hall, Connell, Wash.
Application April 24, 1944, Serial No. 532,553
2 Claims. (Cl. 229—88)



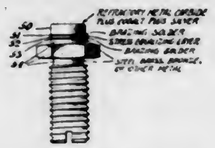
1. As an article of manufacture a saw guard casing comprising spaced flexible side walls connected along an integral fold line, said side walls tapering in width from a point intermediate their ends forwardly, detachable retaining tab means for connecting said side walls together along the normal top of a saw, retaining tab means connecting said side walls at the normal forward end of the saw blade, said side walls including a rear reduced extension for folding about a portion of the rear end of the saw blade laterally of the handle.

2,439,569
UNIVERSAL JOINT
Charles E. Hathorn, Kenmore, N. Y., assignor to Curtiss-Wright Corporation, a corporation of Delaware
Application September 9, 1944, Serial No. 553,388
7 Claims. (Cl. 64—17)



1. A universal joint comprising a pair of cooperating yokes, each having a pair of inwardly opening recesses, a different trunnion element journalled in each of the four yoke recesses, and a block member positioned inwardly of the yokes and around the inner ends of the trunnion elements, said block including two parts, each being substantially identical and each having cooperating recesses which when assembled receive and clamp said trunnion elements in position, the block recesses having bottom walls supporting the trunnions against inward displacement.

2,439,570
ELECTRIC CONTACT
Franz R. Hensel, Earl I. Larsen, and Earl F. Swazy, Indianapolis, Ind., assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
Application November 10, 1942, Serial No. 465,100
3 Claims. (Cl. 75—136)

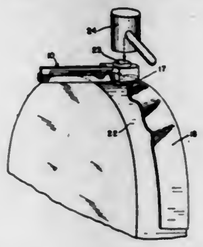


1. An electric contact suitable for operation under conditions of strong vibration formed of a metal composition of 85 to 95% of a refractory metal carbide selected from the group consisting of tungsten carbide, molybdenum carbide, titanium carbide, zirconium carbide, vanadium carbide, columbium carbide and tantalum carbide, from 2 to 10% cobalt and 0.5 to 5% silver said contact being characterized by high abrasion resistance and low material loss.

2,439,571
WRINKLE REMOVING DEVICE
George J. Julian, Columbus, Ohio, assignor to Curtiss-Wright Corporation, a corporation of Delaware
Application April 7, 1944, Serial No. 530,058
6 Claims. (Cl. 78—60)

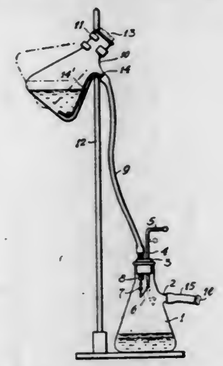
1. A device adapted for use with a backing surface and hammer means for flattening a wrinkled area in an edge portion of a sheet of deformable material, comprising a first member having a substantially flat base surface with a recess for receiving the outer surface of a sheet wrinkle with one end of the recess adjacent to the end of the wrinkle most remote from the sheet edge, said recess being of arched transverse section of progressively reduced width and height toward said

one end thereof, and the surface of said recess at its lateral edges and at its reduced end terminating in the plane of the base surface, a second member having a convex upper surface substantially similar in contour to the surface of the recess for engaging the inner surface of such sheet wrinkle, the second member having the base surface thereof substantially flush with the base surface of the first member when said members are closed in nested relation to provide there-



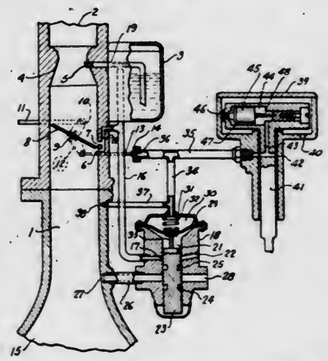
between a restricting channel for the material of the sheet wrinkle, and means for pivotally connecting said members, said members with such sheet wrinkle therebetween being adapted to be moved outwardly relative to the sheet edge as the first member is hammered upon the second member and a backing surface to progressively reduce the size of the sheet wrinkle in said restricting channel and to flatten it between the base surface and such backing surface.

2,439,572
APPARATUS AND PROCESS FOR THE CULTIVATION OF MICROORGANISMS
Samuel Baruch Levin, Jerusalem, Palestine
Application March 15, 1944, Serial No. 526,644
9 Claims. (Cl. 195—79)



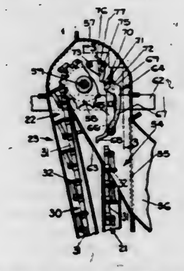
6. A microbiological process which comprises forming a circular lamella of liquid culture medium and inoculum, growing a culture of microorganisms in said lamella out of said inoculum under biotic conditions, gradually dropping further liquid culture medium on said lamella in excess of the capacity of the latter for supplying the growing culture with fresh amounts of nutritious substances, and ejecting from said lamella a portion of spent liquor containing products of metabolism of said growing culture and a portion of the microorganisms grown therein.

2,439,573
DEGASSER FOR INTERNAL-COMBUSTION ENGINES
Marion Mallory, Detroit, Mich.
Application September 20, 1945, Serial No. 617,510
8 Claims. (Cl. 123—97)



1. In an internal combustion engine having an intake passageway and a throttle valve in said passageway, a port on the engine side of said throttle valve for admitting air into the intake passageway, a second valve controlling said port, means actuated through changes of pressure in the intake passageway on the engine side of said throttle valve for imparting movement to said second valve, an air bleed to atmosphere for said pressure actuated means, means for closing said air bleed whenever the throttle valve is in substantially closed position, and a speed controlled air bleed to atmosphere for said pressure actuated means arranged to close whenever the engine exceeds a predetermined speed whereby when both of said air bleeds are closed said pressure actuated means actuates said second valve to open said port and admit air into the intake passageway on the engine side of said throttle valve.

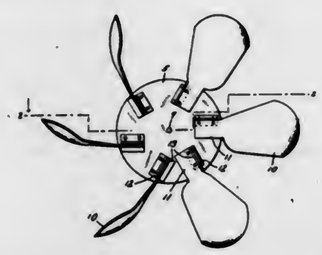
2,439,574
JARRING MECHANISM FOR CONVEYER FLIGHTS
Stanley M. Mercier, Bexley, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio
Original application June 25, 1942, Serial No. 448,395. Divided and this application April 24, 1946, Serial No. 664,479½
7 Claims. (Cl. 198—170)



1. In a conveyer, the combination of a casing including a head section having a working and

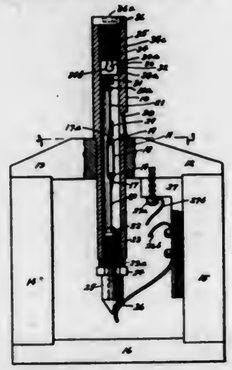
a return leg associated therewith, a head shaft and sprocket in said head section, conveyer mechanism in said casing including a chain having trailing pivoted flights, said conveyer mechanism extending from said working leg over said sprocket and into said return leg, discharge chute means in said head section extending upwardly from said working leg and below said shaft to said return leg, and successive pairs of oppositely disposed cams above said discharge chute, each cam extending sidewardly inwardly from opposite sides of the casing, the pairs of cams adapted to carry said pivoted flights and by which they are tilted to discharging position as they are moved thereover by the chain, the first pair of cams having gradual leading edges and means pivoted thereto forming relatively abrupt trailing edges, the leading edge of the second pair of cams extending from adjacent the trailing edges of said first cams and having relatively abrupt trailing edges whereby said flights in passing over said successive pairs of cams drop from the first pair to the second pair, and in passing from the second pair are dropped therefrom to remove conveyed material not jarred therefrom as the flights drop from the first cams to the second cams, and the trailing edges of the second cams and the pivoted means of the first cams affording guide means for said flights permitting reversal of the direction of travel of said chain and flights.

2,439,575
CURRENT WHEEL
John M. Morris, Atlanta, Ga.
Application May 17, 1945, Serial No. 594,350
1 Claim. (Cl. 170—110)



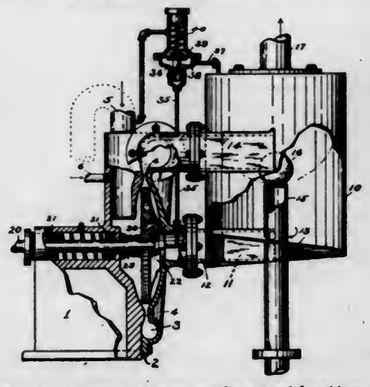
A current wheel comprising a single disc having a central hub for reception of a driven shaft, a plurality of more than two separate spoon-shaped sheet metal blades radiating from the disc and arranged in uniformly spaced relation, each blade having an inner reduced end portion forming a short flat shank, and a leaf hinge mounting each blade on one face of and adjacent the periphery of the disc to turn about an axis coincident with a chord of the disc, one leaf of each hinge being attached to the shank of the associated blade adjacent one side edge of said shank and the other leaf of the hinge being attached to the disc so that upon folding of the hinges the blades may fold in one direction toward and parallel with the disc, the blades on one side of the axis of the disc unfolding by the action of the current and those on the other side of said axis automatically folding up toward and parallel with the disc by the action of the current, and a flange on the other side edge of the shank of each blade, said flange being disposed at right angles to the shank so as to flatly butt the adjacent face of the disc when the blade is unfolded.

2,439,576
GALVANOMETER MOVABLE COIL SUPPORT
Marvin E. Morrow, Tulsa, Okla., assignor to Century Geophysical Corporation, Tulsa, Okla., a corporation of Delaware
Application August 20, 1945, Serial No. 611,847
13 Claims. (Cl. 171—95)



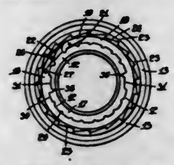
1. A totally enclosed galvanometer of the barrel type, comprising a cylindrical barrel and a vibratory element mounted therein, said vibratory element having an anchoring member connected to each end thereof adapted to form closures for the opposite ends of said barrel, said vibratory element and both of said anchoring members being insertable into said barrel through one end thereof in fully assembled form, and means for locking said anchoring members to opposite ends of said barrel.

2,439,577
CENTRIFUGAL PUMP
Orlo Clair Norton, Erie, Pa.
Application April 30, 1945, Serial No. 591,023
6 Claims. (Cl. 103—113)



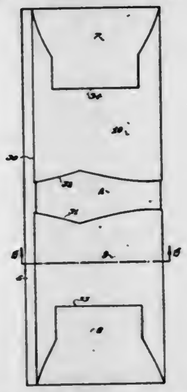
1. In a centrifugal pump, the combination with a casing having an intake chamber for receiving air and fluid provided with a surrounding Venturi shaped outlet, a volute conduit leading therefrom, of a hollow impeller provided with jet orifices discharging into said venturi, a reservoir, an inlet conduit connecting the volute conduit with the upper portion of the reservoir and an outlet conduit connecting the reservoir at a lower point with the interior of the impeller.

2,439,578
COUNTING MECHANISM
Herbert Charles Priest, Bexley, near Sydney, New South Wales, Australia
Application April 2, 1946, Serial No. 659,058
In Australia May 2, 1945
3 Claims. (Cl. 235—78)



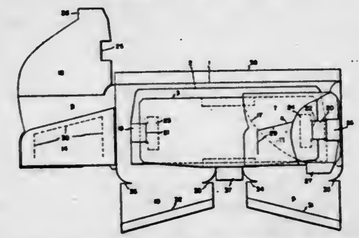
1. Counting mechanism comprising a base plate having a plurality of concentric projecting ribs formed thereon, a cover disposed above the base plate, a plurality of rotatable members disposed between the cover and the base plate each cooperating with one of the said ribs by means of a ratchet pawl, said members being divided into spaces numbered 0 to 9, one of said rotatable members having a pivot, said pawl being mounted on the pivot for engagement with ratchet teeth formed on the adjacent rotatable member; means formed on the concentric projecting ribs for cooperating with the respective pawls whereby movement of the said one rotating member is imparted to the said adjacent rotating member for every ten of the numbered spaces moved relatively to a scale carried upon the said cover.

2,439,579
MULTIPOCKETED BILLFOLD HAVING INTERLOCKED END AND EDGE FLAPS
Emil Karl Renz, Dedham, Mass., assignor, by mesne assignments, to Debonair, Inc., Boston, Mass., a corporation of Massachusetts
Application November 1, 1943, Serial No. 508,539
3 Claims. (Cl. 150—38)



1. A wallet of the type described comprising a pocket formed in the length of the wallet by an outer wall on one side and an inner wall on the other side, said inner wall comprising a free floating stay member forming the back wall of a pair of pockets extending from their respective openings on either side of the center line of fold to the ends of the wallet, means, forming the front walls of said pairs of pockets, extending as flaps from the bottom edge of said outer wall and folded over said stay member and between the latter and the inner face of said outer wall, the openings of said pockets being well spaced from the middle fold of said wallet, and means forming a further set of pockets having their front faces extending as flaps from said outer wall at the ends thereof and having entrance openings in the wall forming fronts of the first mentioned pair of pockets, said last openings being spaced well away from the openings forming the first mentioned pair of pockets, the rear wall of each of said last pair of pockets being formed by a piece of material attached to the rear of the front wall of the first mentioned pair of pockets, said piece extending beyond the opening of the further pair of pockets thus sealing the different pairs of pockets off from each other.

2,439,580
STITCHLESS BILLFOLD WITH INTERLOCKED POCKET FORMING FLAPS
Emil Karl Renz, Dedham, Mass., assignor, by mesne assignments, to Debonair, Inc., Boston, Mass., a corporation of Massachusetts
Application February 27, 1945, Serial No. 579,957
4 Claims. (Cl. 150—38)

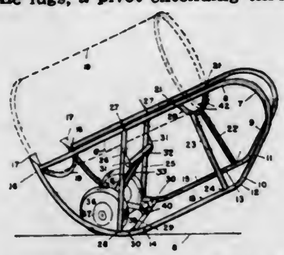


1. A wallet of the type described formed of an outer wall having end flaps and a combination divider and stay member having a joining strip joining the divider and stay member at their ends, the combination member extending substantially the length of the wallet and parallel to the outer wall, a portion of the end flaps lying in between the stay and divider and another portion lying externally of the stay member, the portion of the end flap lying between the stay and divider having means at the end side of the flap adjustably interlocking with the joining strip of the stay and divider providing longitudinal play to permit longitudinal adjustment of the stay and divider with respect to the outer wall.

2,439,581
VERTICALLY ADJUSTABLE BARREL TRUCK
Jack B. Robins, Colorado Springs, Colo., assignor to Aircraft Mechanics Inc., Colorado Springs, Colo., a corporation of Colorado
Application April 22, 1946, Serial No. 663,917
1 Claim. (Cl. 280—43)

A barrel truck comprising two spaced parallel frames each having a long straight top and a shorter base interconnected at their ends by outwardly curved sections, the forward curved sections forming rockers, the upper ends of the rockers extending above the tops to form supports for a barrel, at least two downwardly curved spacer bars connecting the top sections and at least one spacer bar joining the bottom sections, an axle assembly pivoted for movement about an axis perpendicular to the planes of the frames, positioned near the top of the frames, wheels on the ends of the axle, the relationship of the parts being such that the peripheries of the wheels will intersect the rockers when turned

about the axis of the shaft, and means for latching the axle and wheel assembly in a position in which the peripheries of the wheels are outside of the rockers, said means comprising two spaced lugs projecting upwardly from the transverse frame member that connects the front curved sections of the frames, a latching lever positioned between the lugs, a pivot extending through the



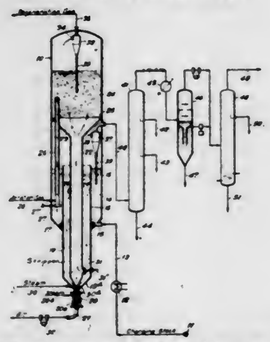
lugs and through the lever, the front end of the latching lever being provided on its underside with a notch for receiving the axle of the pivoted axle assembly, the latching member extending rearwardly from the pivot in position to be engaged to unlatch the wheel assembly, the wheel and axle assembly when unlatched being movable into a position in which the peripheries of the wheels are entirely inside of the rockers.

2,439,582

CATALYTIC CONVERSION SYSTEM

Fred W. Scheineman, Chicago, Ill., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana

Application March 31, 1944, Serial No. 528,963
11 Claims. (Cl. 23—288)



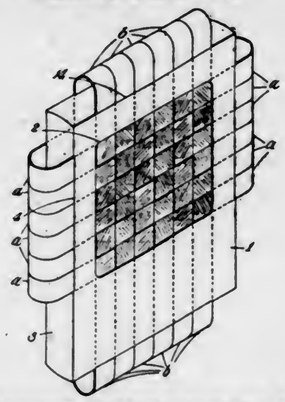
1. In apparatus suitable for effecting catalytic conversion of hydrocarbons with solid catalyst of small particle size, a vertical cylindrical conversion chamber having inclined bottom walls and top walls, a vertical cylindrical regeneration chamber superimposed above said conversion chamber, the top walls of the conversion chamber forming at least a portion of the bottom walls of the regeneration chamber, a conduit extending downwardly through the conversion chamber and communicating at its upper end with the inclined walls which form the base of the regeneration chamber, a cylindrical stripping chamber surrounding said conduit with its upper end open to said conversion chamber and with its lower walls extending below the inclined walls of the conversion chamber, an expansion joint at the base of said stripping chamber, a compressed air line extending through said expansion joint to said conduit whereby relative movement between the conduit and the stripping chamber walls due to differential thermal expansion may be accommodated, at least one opening in the intermediate part of the stripping chamber wall to provide communication between the conversion chamber and an upper part of the stripping chamber, means for introducing steam at a low point in the stripping chamber, a valve at a low point in said conduit for regulating the flow of catalyst from the stripping chamber to the conduit, means for distributing fluids passed upwardly through said conduit into said regeneration chamber, a standpipe communicating at its upper end with said regeneration chamber at a low point therein, means for removing regeneration gases from the upper part of the regeneration chamber, means for introducing catalyst from the base of said standpipe into said conversion chamber, means for distributing charging stock vapors at the base of said conversion chamber and means for removing conversion products from the upper end of said conversion chamber.

2,439,583

AMUSEMENT DEVICE CONSISTING OF INTERWOVEN ADJUSTABLE PICTURE BANDS

Israel Shamah, Maida Vale, London, England

Application December 8, 1944, Serial No. 567,152
In Great Britain December 20, 1943
2 Claims. (Cl. 40—96)



1. An amusement device comprising a box including a substantially rectangular front wall provided with a square aperture and four side walls, two sets of endless bands extending in directions at right angles to each other and interwoven within the ambit of said aperture, said bands carrying portions of at least one complete picture, letter, sentence or the like which may be formed in said aperture by proper relative adjustment of the bands, each band passing on opposite sides of the box through two slots provided in each of the corresponding side walls and forming outside of said box on opposite sides thereof two closed loops to permit manual relative adjustment of the bands.

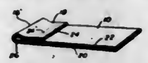
2,439,584

BAG ADAPTED FOR DISPLAY BY SUSPENSION

Harold F. Shumann, Pittsburgh, Pa.

Application November 14, 1944, Serial No. 563,411
1 Claim. (Cl. 229—62)

A bag comprising: a flattened tube formed of moisture-proof, flexible material, the walls of said tube being sealed together at one end to form a closure, the sealed closure being turned against the body of the tube to form an open, crease-free loop forming a relatively narrow channel across the entire width of the tube, said closure being secured to the body of the tube in areas spaced longitudinally of the tube from the turned extremity of the tube so as not to obstruct the narrow channel defined by said loop and being mu-



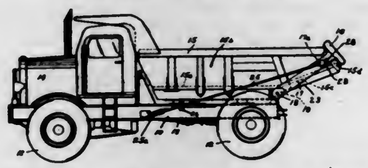
tually spaced on opposite sides of the center line of the tube to define between themselves, the tube body and said closure a relatively broad channel communicating with said relatively narrow channel, said narrow channel being sized to receive a supporting rod or wire of one type of display rack and said broad channel being sized to receive a supporting plate of a different type of display rack.

2,439,585

SEMISTATIONARY TAIL GATE FOR REAR DUMP BODIES

Virgil L. Snow, Euclid, Ohio, assignor to The Euclid Road Machinery Co., Euclid, Ohio, a corporation of Ohio

Application February 5, 1946, Serial No. 645,561
3 Claims. (Cl. 298—23)



1. In combination a vehicle frame, a body pivotally mounted near the rear end thereof on the rear end of said frame on a pivotal axis extending transversely of said vehicle whereby said body is mounted for movement from a generally horizontal carrying position to a tilted dumping position, said body having a bottom including a portion sloping rearwardly and upwardly from a zone adjacent said axis, said body having side walls extending upwardly from said bottom to form an open top body with a chute portion at the rear end thereof, said side walls and bottom portion ending in a plane sloping downwardly and rearwardly at an angle to the horizontal when said body is in carrying position to provide an open end for dumping body contents, a tail gate in position for closing said open end when said body is in carrying position, arms supporting said gate and pivotally mounted on said vehicle substantially on said axis, and means connected with said vehicles for holding said gate substantially in its said position when said body is tilted to dumping position.

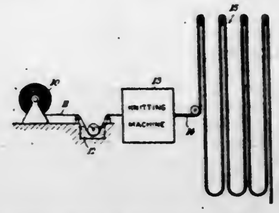
2,439,586

BELTING

George Angus Sowerby, Newcastle-on-Tyne, and William Stanley Short, Seaton Burn, Newcastle-on-Tyne, England, assignors to George Angus & Company Limited, Newcastle-on-Tyne, England

Application July 25, 1945, Serial No. 607,026
In Great Britain August 16, 1944
3 Claims. (Cl. 28—74)

1. A method for the manufacture of belting which comprises stretching a strip of fabric knitted from rubberised yarn and curing the rubber under heat and pressure while the fabric



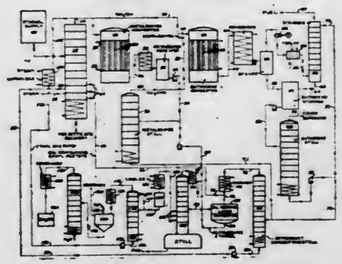
is maintained stretched, the extent of stretching being such that the extension at break of the cured fabric is from 3 to 17%

2,439,587

MANUFACTURE OF DIENES

Eldon E. Stahly, Pittsburgh, Pa., assignor to Koppers Company, Inc., Pittsburgh, Pa., a corporation of Delaware

Application May 17, 1945, Serial No. 594,213
9 Claims. (Cl. 260—681)



1. A process of making butadiene comprising: reacting a mixture consisting essentially of acetaldehyde with ethyl acetate in the vapor state in the presence of steam and a dehydrogenation-dehydration catalyst and recovering butadiene from the reaction products.

2,439,588

DIRECTION SIGNAL FOR MOTOR VEHICLES

Hyrum Stephenson, Tracy, Calif.

Application November 23, 1946, Serial No. 712,019
4 Claims. (Cl. 116—47)



1. A mechanical signal device for vehicles comprising a supporting tubular body adapted to be mounted on a vehicle horizontally and lengthwise thereof with the rear end of said body in the driver's compartment, a supporting arm projecting laterally from the forward end of the tubular body, the arm being hollow, means mounting the arm on the body and in communication therewith, a pair of sleeves telescoped together and extending through the tubular body

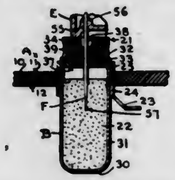
in rotatable relation to each other and said body, radial, axially, spaced levers on the inner ends of the sleeves within the driver's compartment, a vertical spindle rotatably journaled on the arm at its outer end and projecting thereinto, said spindle being hollow and communicating with the interior of the arm, a signal arrow pivoted on the spindle for vertical swinging motion, actuating connections in the arm between the forward end of one sleeve and the spindle arranged to rotate the spindle upon rotation of said one sleeve, and other actuating connections, in part in the arm and in part extending through the hollow spindle, connected between the forward end of the other sleeve and the signal arrow arranged to swing said signal arrow upon rotation of said other sleeve.

2,439,589

SOCKET CONNECTION FOR RADIO TUBES

Carl H. Sundell, Ithaca, N. Y.

Application September 14, 1943, Serial No. 502,329
1 Claim. (Cl. 173—328)



In an electrical system including an electron discharge device of the type having a frangible base and a plurality of spaced-apart, substantially parallel, electric current-conducting pins extending from the base outwardly of the electron discharge device, a tubular housing of electric current-conducting material for each pin and defining a chamber having a mouth; a stopper of resilient, dielectric material for each housing, inserted into the mouth thereof and in intimate contact with the inner surface of the tubular wall of the housing at only the mouth end thereof, each stopper projecting outwardly of the chamber in which it is inserted and having an outer face with a portion of said base, closely adjacent a pin, cushioned and resting upon said face and the adjacent pin extending through and in intimate contact with the stopper and projecting, from said stopper, into said chamber, said resilient material being characterized by immediately closing any openings, in said stoppers made by said pins, upon withdrawal of said pins; and a volume of fluent electric current-conducting material in each of said housings, sufficient in volume to contact the pin therein in any position in which the housing may be disposed.

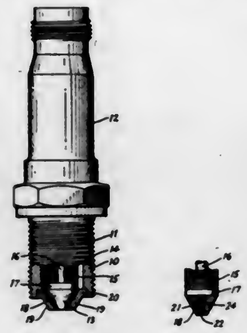
2,439,590

SPARK PLUG ELECTRODE STRUCTURE

Tullio Tognola, Sidney, N. Y., assignor to Bendix Aviation Corporation, New York, N. Y., a corporation of Delaware

Application July 7, 1943, Serial No. 493,777
9 Claims. (Cl. 123—169)

5. In a spark plug for internal combustion engines or the like, a center electrode structure comprising an elongated spindle and a head at one end of said spindle, said head comprising an enlarged disc-like portion integral with said spindle, a stem integral with said disc-like portion and extending in the opposite direction from said spindle, a tip piece surrounding said stem, a portion of said stem being pressed outwardly into overlapping relation with said tip piece to mechanically lock the latter in position on said



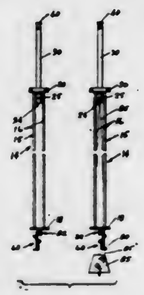
structure, and fusible means for connecting the adjacent surfaces of said piece and said stem and disc-like portion.

2,439,591

SLIDE-CONTROLLED STOP MOTION

Edward Vossen, Brooklyn, N. Y., assignor to Stop-Motion Devices Corp., Brooklyn, N. Y., a corporation of New York

Application July 9, 1947, Serial No. 759,763
11 Claims. (Cl. 66—163)



1. A slide-controlled stop motion, comprising a frame having parallel side rails, a slide having an aperture for a traveling flexible element to pass through and slidably mounted between said side rails, a tubular member mounted on the top of said frame, a coil spring of very fine wire having a large number of turns extending through said tubular member and having its bottom end connected with said slide for urging it upwards, adjustment means mounted on said tubular member and connected with the top end of said spring, a switch having an operator lever which is free to move downwards for closing the switch and said operator lever being normally engaged by said slide in its raised position for holding said switch open, another switch having an operator lever which is free to move downwards for closing the switch, and means for guiding said traveling flexible element past said second named operator lever for holding it raised and so holding said second named switch open.

2,439,592

METHOD OF TEMPORARILY REPAIRING ELECTRIC CABLES DAMAGED BY MOISTURE

Johan Valdemar Wallgren and Dag Viktor Ljuslin Lindström, Stockholm, Sweden

Application February 25, 1943, Serial No. 477,158
In Sweden February 17, 1942
7 Claims. (Cl. 154—2.22)



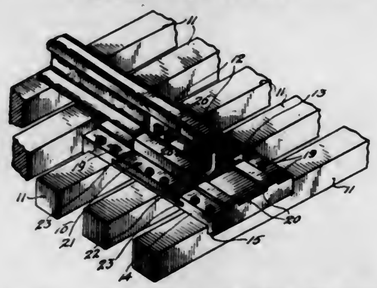
1. The method of temporarily restoring to normal operating value the insulating resistance of conductors insulated with fibrous material in electric metal-sheathed cables out of order due to moisture having penetrated into said fibrous material through a leak in the cable sheath, which method consists in removing the outside cable sheath from the damaged part of the cable and directly exposing the said moistened fibrous insulating material to a solid refrigerant of a temperature substantially below the freezing point of the penetrated moisture.

2,439,593

COMBINATION TIE PLATE AND RAIL JOINT

Irvin Young, Falmouth, Ky.

Application October 8, 1945, Serial No. 620,938
2 Claims. (Cl. 238—188)



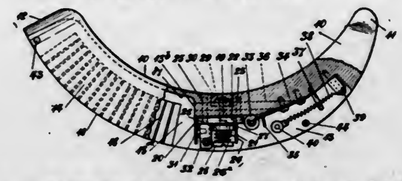
2. In a combination tie plate and rail joint, a bridging plate adapted to extend over at least three ties, a depending flange at each end of the bridging plate adapted to overhang the sides of ties supporting opposite ends of the bridging plate, said bridging plate having a transversely extending depression midway of its length, overhanging flanges at opposite ends of the depression, rail clamps slidable transversely in the depression, flanges at opposite ends of the rail clamps for engagement beneath the overhanging flanges, a rail flange embracing portion on each rail clamp, a rail web engaging portion on each rail clamp, spaced parallel rail positioning ribs on the upper face of the bridging plate adjacent opposite ends whereby the abutting ends of adjacent rails may be properly aligned on the bridging plate for engagement by the rail clamps, said bridging plate having longitudinally spaced pairs of openings along each side edge, each rail clamp having a pair of openings which are adapted to align with certain of the openings in the bridging plate when the clamp plates are in rail clamping position, screws extending through the openings and securing the bridging plate to ties upon which it rests and the clamps against the rails and bolts extending through the clamps and the web of a railroad rail for securing the rails in place.

2,439,594

SHUTTLE FOR CARPET LOOMS

Isaac B. Bassindale, Grasscroft, England

Application February 21, 1947, Serial No. 730,044
In Great Britain February 16, 1946
Section 1, Public Law 690, August 8, 1946
3 Claims. (Cl. 139—124)



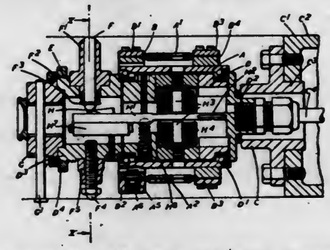
1. A selvedge shuttle for a carpet loom, having an arcuate body formed with an open sided cavity to receive a cop, and embodying an adjustable cord tensioning element, a spring-influenced element for putting a drag on the cord being drawn off from the cop whereby to prevent the formation of snarls, and means for preventing the formation of an undesirably large loop of surplus cord outside the shuttle.

2,439,595

BORE GAUGE

Ernest Albert Cooke, Leicester, England, assignor to Taylor, Taylor & Hobson Limited, Leicester, England, a company of Great Britain

Application March 14, 1944, Serial No. 526,409
8 Claims. (Cl. 33—178)



6. A gauge for effecting precision measurement of the diameter of a cylindrical bore or passage in a tube or other workpiece, comprising a gauge body, two relatively movable gauging elements carried by the gauge body and extending radially with respect to the bore for engaging opposite sides respectively of said bore, means whereby relative movement between said gauging elements controls a measuring instrument, an annulus embracing a portion of the gauge body, a substantially cylindrical guide member embracing a portion of the gauge body and slidable along the bore to be gauged, a pair of spring ligaments connecting the guide member to the annulus, and a pair of spring ligaments connecting said annulus in a floating relation to the gauge body, the two spring ligaments of each pair lying diametrically opposite to each other with the four ligaments substantially equally spaced apart around the gauge body.

2,439,596

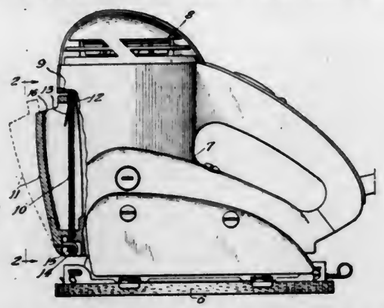
AIR FILTER FOR POLISHING MACHINES

Stephen A. Crosby, Chicago, Ill., assignor to Sterling Tool Products Company, a corporation of Illinois

Application October 2, 1946, Serial No. 700,785
2 Claims. (Cl. 51—170)

1. A motor driven rubbing machine comprising: a rubbing pad; a housing containing a motor

for driving said pad, said motor having an air-circulating fan; an air inlet to said fan in the front of said housing including a door frame; an air outlet to the housing above the fan; a filter screen adapted to fit into said frame; and a door



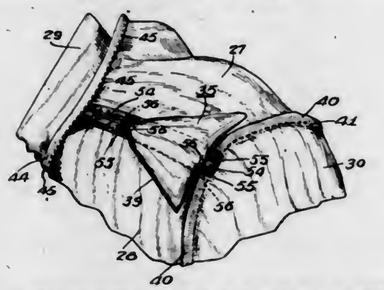
hinged to said frame so as to hold said screen in the door frame, said door having its body portion spaced from the frame and provided with an opening at its top portion to admit incoming air downwardly to the face of said screen.

2,439,597

SHOULDER PAD

Irvin de Satnick, Philadelphia, Pa.

Application November 24, 1945, Serial No. 630,644
3 Claims. (Cl. 2—268)



1. A lady's dress having a plurality of seams at the shoulder portion thereof, a tape connected to said dress so as to overlie the shoulder of the wearer by being attached at at least one end to a seam, buttonholes in free portions of said tape extending crosswise thereof, and a shoulder pad formed of a relatively flat covering and having heads projecting therefrom and connected thereto by necks of reduced size, said heads being adapted for insertion into said button-holes so as to be secured therein by means of said necks.

2,439,598

LUMINESCENT SIGNALLING COMPOSITION

Alfred Dinsley, La Canada, Calif.

No Drawing. Application July 5, 1944,
Serial No. 543,615
2 Claims. (Cl. 252—301.3)

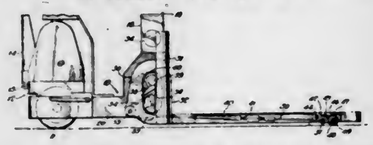
1. A composition for producing visible signalling over a predetermined surface area during daylight and darkness, said composition consisting essentially of the reaction product of a mixture of approximately: 100 parts of strontium carbonate, 30 parts of sulfur, 2 parts of sodium carbonate, 0.5 part of sodium chloride and 0.2 part of manganese sulfate, said mixture being heated to a temperature of approximately 2372° F. for a period of approximately 30 minutes; combined with approximately 300 parts of a mixture of approximately: 9 parts of sodium fluorescein and 1 part of titanium tetraiodide.

2,439,599

LIFTING MECHANISM FOR INDUSTRIAL TRUCKS

Herbert J. Framhein, Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn., a corporation of Connecticut

Application April 6, 1943, Serial No. 481,957
12 Claims. (Cl. 254—2)



1. In a truck of the class described, a lifting head having a vertical standard, an elevating platform having a forward vertical standard, rollers on said platform standard moving in channels on said lifting head standard, lifting wheels at the rear end of said elevating platform, means mounting said lifting wheels for lifting movement relatively to said elevating platform, lifting means for lifting the forward standard of said elevating platform relatively to said lifting head, lifting cams pivoted on said elevating platform, means of connection between said lifting cams and said lifting wheel mounting means whereby pivotal movement of said lifting cams effects movement of said lifting wheels in a lifting direction, and means fixed on said lifting head and bearing against said lifting cams to pivot said lifting cams as said cams move with said elevating platform relatively to said lifting head.

2,439,600

MANUFACTURE OF MOTOR FUEL BY ALKYLATION WITH A LIGHT CRACKED NAPHTHA

Arthur R. Goldsby, Beacon, and Louis A. Clarke, Fishkill, N. Y., assignors to The Texas Company, New York, N. Y., a corporation of Delaware

No Drawing. Application April 23, 1943,
Serial No. 484,214
11 Claims. (Cl. 260—683.4)

1. The method in the manufacture of motor fuel hydrocarbons, which comprises cracking hydrocarbon oil under conversion conditions of temperature and pressure to reduce a substantial proportion of the oil to hydrocarbons within the gasoline boiling range, fractionating the conversion products to separate a light normally liquid cracked naphtha fraction and a higher boiling cracked naphtha fraction, the said light naphtha fraction having an end boiling point not in excess of about 200° F. and containing a substantial proportion of olefins but being substantially free from aromatics, subjecting the said light naphtha fraction to contact in liquid phase with a volume in substantial excess of the volume of naphtha being treated of a low-boiling isoparaffin selected from the group consisting of isobutane and isopentane in the presence of a volume ratio of active alkylation catalyst to naphtha of at least about 0.5:1 in a reaction zone maintained under alkylating conditions, whereby isoparaffin is alkylated by the olefins of said light cracked naphtha fraction, and recovering from the alkylation reaction products a substantially saturated gasoline fraction of broader boiling range than that of the said light cracked naphtha fraction prior to the alkylating step.

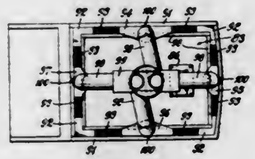
11. A process for the conversion of hydrocarbon oils to form gasoline having a low acid heat, high octane number and lead response which comprises passing the oil to be converted through a cracking zone maintained at active cracking temperature, contacting said oil within said cracking zone while at active cracking temperature with a cracking catalyst, keeping said oil in contact with said catalyst for a period sufficient to convert a substantial portion thereof into gasoline constituents, thereafter separating a light naphtha fraction substantially free of aromatic constituents and containing a relatively high concentration of olefins and a heavy naphtha fraction from the cracked products, passing the light naphtha fraction so segregated through an alkylating zone containing an active alkylating catalyst, introducing isoparaffins into said alkylating zone in an amount at least equal to the amount of olefins contained in said light naphtha fraction to thereby maintain a molar ratio of isoparaffins to olefins of at least one to one, maintaining said alkylating zone under conditions such as to cause said isoparaffins to unite with said olefins to form a saturated alkylate product, and thereafter combining alkylate formed from said last-named alkylating treatment with heavy naphtha from said catalytic cracking treatment to form a gasoline blend containing light naphtha alkylate and heavy catalytically cracked naphtha.

2,439,601

INSULATING CONFINED SPACES

Clark C. Heritage, Cloquet, Minn., assignor to Wood Conversion Company, St. Paul, Minn., a corporation of Delaware

Application March 2, 1943, Serial No. 477,752
4 Claims. (Cl. 20—101)



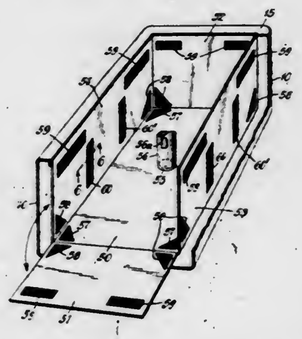
1. In depositing particles of insulating material into the space defined and confined by walls including the walls of a refrigerator cabinet and of a food compartment mounted therein, and including removable closure means over said space at the door opening of the refrigerator, said closure means having a plurality of introductory inlets opening into said space including one to each panel-form space at the door opening, of which walls the space confining surfaces include a major portion which is substantially resistant to the passage of gas and one or more remaining portions, each in the form of screening means with foramina relatively minute compared with said one or more inlets, for venting gas from said space and for retaining said particles in the space, the method which comprises, suspending in a moving gas, particles of insulating material which pack to a consolidated body that is a gas-filtering body at an insulating density of the so-packed particles; introducing the resulting moving gaseous suspension into said space by conducting the suspension to and through said introductory inlets; simultaneously venting said gas from said space through said screening means, and there filtering said vented gas from particles, thereby depositing and packing particles to form a growing gas-filtered mass thereof in corresponding portions of said space over and extending away from said screening means; simultaneously maintaining in the remaining portion of said space a condition of turbulence of said gaseous particle-suspension by maintaining a high and sufficient velocity therefor in introducing said suspension whereby the turbulence causes deposition and packing of particles in margins of the turbulent space; continuing said introduction, said maintenance of turbulence, and said venting of said gas through said screening means and also through said growing mass at least until a body of said particles begins to form in each of said inlets and said space is completely packed with said particles consolidated to a gas-filtering body at an insulating density and resultingly molded into said space and compressed therein by the differential introduction pressure between said inlets and said screening means; removing said closure means and retaining in situ the material packed into said space; and applying confining material over the open space left by removal of said closure means.

2,439,602

INSULATING CONFINED SPACES

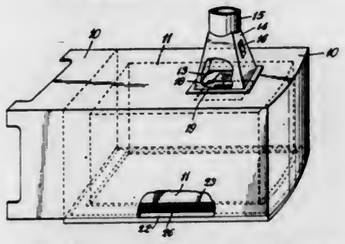
Clark C. Heritage, Cloquet, Minn., assignor to Wood Conversion Company, Cloquet, Minn., a corporation of Delaware

Application March 2, 1943, Serial No. 477,753
5 Claims. (Cl. 20—101)



1. The method which comprises inserting a removable fixture into a casing through an opening therein and thereby defining a space by the exterior walls of said fixture and the interior walls of said casing, sealing said space against substantial leakage, introducing into said space at one or more predetermined locations in the fixture a gaseous suspension of particles of thermal-insulation-forming material which are capable of packing to form a consolidated gas-filtering insulating body thereof and turbulently filling said space with said suspension, simultaneously separating said particles from said gas and venting the gas from said space at one or more predetermined locations in the defining walls of said space until said space is packed with particles in the form of said insulating body, and then withdrawing said fixture from said casing.

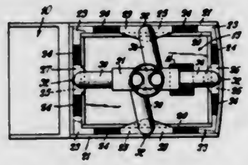
2,439,603
INSULATING CONFINED SPACES
Clark C. Heritage, Cloquet, Minn., assignor to Wood Conversion Company, Cloquet, Minn., a corporation of Delaware
Application March 2, 1943, Serial No. 477,754
3 Claims. (Cl. 20—101)



1. In depositing particles to form insulation in situ in a refrigerator formed of inner and outer shells each with an open face together providing an opening for closure by a door, which shells provide a continuous space between them opening through screening means in said door opening, each of said shells having an opening in its wall opposite said door opening to permit installation of a cooling unit, of which two wall openings one provides an introductory inlet to said space of size relatively large compared with the foramina of said screening means, and the other is covered by a closure including like screening means, the method which comprises, suspending in a moving gas, particles of insulating material which pack to a consolidated body that is a gas-filtering body at an insulating density of the so-packed particles; introducing the resulting moving gaseous suspension into said space by conducting the suspension to and through said introductory inlet; simultaneously venting said gas from said space through said screening means, and there filtering said vented gas from particles, thereby depositing and packing particles to form a growing gas-filtering mass thereof in corresponding portions of said space over and extending away from said screening means; simultaneously maintaining in the remaining portion of said space a condition of turbulence of said gaseous particle-suspension by maintaining a high and sufficient velocity therefor in introducing said suspension whereby the turbulence causes deposition and packing of particles in margins of the turbulent space; continuing said introduction, said maintenance of turbulence, and said venting of said gas through said screening means and also through said growing mass at least until a body of said particles begins to form in said inlet and said space is completely packed with said particles consolidated to a gas-filtering body at an insulating density and resultingly molded into said space and compressed therein by the differential introduction pressure between said inlet and said screening means.

2,439,604
INSULATING CONFINED SPACES
Clark C. Heritage, Cloquet, Minn., assignor to Wood Conversion Company, St. Paul, Minn., a corporation of Delaware
Application March 2, 1943, Serial No. 477,755
4 Claims. (Cl. 20—101)

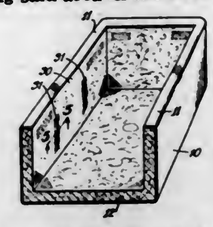
1. In depositing particles of insulating material into the space defined and confined by walls including the walls of a refrigerator cabinet and of a food compartment mounted therein, and including removable closure means over said space at the door opening of the refrigerator, said closure means having a plurality of introductory inlets opening into said space including one to each panel-form space at the door opening, of which walls the space-confining surfaces include a major portion which is substantially resistant to the passage of gas and one or more remaining portions, each in the form of screening means with foramina relatively minute compared with said one or more inlets, for venting gas from said space and for retaining said particles in the space, of which screening means one is located in one of the back walls of said refrigerator, the method which comprises, suspending in a moving gas, particles of insulating material which pack to a consolidated body that is a gas-filtering body at an insulating density of the so-packed particles; introducing the resulting moving gaseous suspension into said space by conducting the suspension to and through said introductory inlets; simultaneously venting said gas from said space through said screening means, and there filtering said vented gas from particles, thereby



depositing and packing particles to form a growing gas-filtering mass thereof in corresponding portions of said space over and extending away from said screening means; simultaneously maintaining in the remaining portion of said space a condition of turbulence of said gaseous particle-suspension by maintaining a high and sufficient velocity therefor in introducing said suspension whereby the turbulence causes deposition and packing of particles in margins of the turbulent space; continuing said introduction, said maintenance of turbulence, and said venting of said gas through said screening means and also through said growing mass at least until a body of said particles begins to form in each of said inlets and said space is completely packed with said particles consolidated to a gas-filtering body at an insulating density and resultingly molded into said space and compressed therein by the differential introduction pressure between said inlets and said screening means; removing said closure means and retaining in situ the material packed into said space; and applying a confining material over the open space left by removal of said closure means.

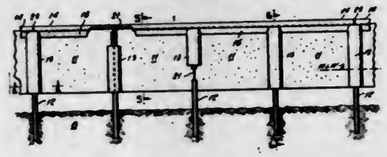
2,439,605
MEANS FOR PACKING INSULATION MATERIAL
Robert D. Pauley, Cloquet, Minn., assignor to Wood Conversion Company, Cloquet, Minn., a corporation of Delaware
Application April 20, 1942, Serial No. 439,678
3 Claims. (Cl. 20—101)

1. A fixture for use in insulating refrigerator cabinets by a pneumatic process, comprising a box-like form in the shape of a dummy for a food compartment for said cabinet, said fixture having a box-like bottom and four side walls corresponding generally to the back and side walls of said food compartment, the total area of said fixture having perforate area and imperforate area, of which total area perforate area in the bottom provides inlet area for introducing moving gas containing suspended particles of insulating material, and of which total area at least one side wall has filtering area and filtering means covering said area in the form of a narrow



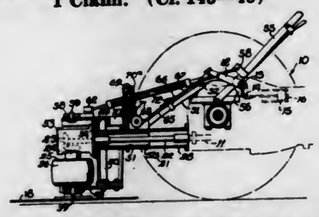
elongated area extending in the direction from bottom to top of the fixture intermediate the ends of the containing wall of the fixture, said elongated filtering area being flanked by imperforate area.

2,439,606
RETAINING SEA WALL
Joel Hurt, North Bay Island, Fla.
Application April 12, 1946, Serial No. 661,718
20 Claims. (Cl. 61—49)



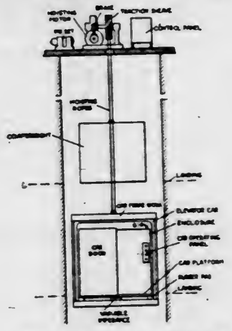
1. In a retaining seawall or bulkhead, in combination, an aligned series of precast interlocking concrete slabs sustained in edgewise posture and constituting the body of the wall, a spaced series of upstanding driven piles located contiguously frontwards of the aligned series of slabs and upon which piles the slabs are suspended, and a series of upstanding concrete pilasters fieldcast in spaced positions adjoining the front face of said slab series, and with each pilaster embedding the upper portion of one of said upstanding piles.

2,439,607
TREE FELLING AND LOG SAWING ATTACHMENT FOR TRACTORS
Samuel E. Irwin, Jr., Ponta, Tex.
Application June 7, 1944, Serial No. 539,061
1 Claim. (Cl. 143—43)



In a saw attachment for a tractor having a vertically swingable lifter arm pivoted thereon for powered elevation and alternative lowering under load upon removal of the application of power thereto, the combination of an elongated arm having a circular saw journaled on the outer end thereof, means pivotally connecting the inner end of said arm to the rear portion of the tractor for generally universal swinging motion with reference thereto, a flexible cable, means for detachably connecting said cable to the lifter arm on the tractor, means for connecting said cable to said arm for raising of the latter upon raising of the lifter arm, a stop supporting member arranged longitudinally along the path of movement of said cable and means including a stop adjustably positionable along said stop supporting member engageable with a coacting abutment fixed to said cable and movable therewith for positively limiting the movement of said cable in the direction of its movement for descent of said arm.

2,439,608
ELEVATOR LOAD WEIGHING APPARATUS
Otto Albert Krauer, Yonkers, N. Y., assignor to Otis Elevator Company, New York, N. Y., a corporation of New Jersey
Application September 8, 1943, Serial No. 501,730
11 Claims. (Cl. 187—29)

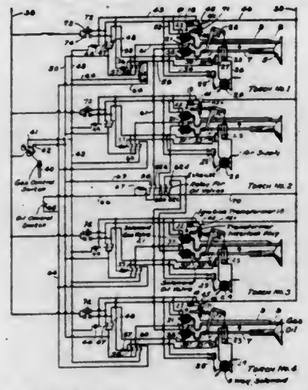


1. In an elevator installation; a variable impedance carried by the elevator car; means for varying said impedance by variation in load in the car; a variable resistance; means for supplying current to said impedance and resistance; electroresponsive means operable at a certain voltage; means connecting said electroresponsive means to be subject to a voltage of a value dependent upon the voltage drop across said impedance and that across said resistance; and means for varying said resistance to vary said voltage drop thereacross to cause said certain voltage to be applied to said electroresponsive means regardless of the load in the car.

2,439,609
CONTROL FOR PLURAL RETRACTABLE FUEL BURNERS
Harvey C. Mittendorf, East Orange, N. J., assignor to Combustion Engineering Company, Inc., New York, N. Y.
Application May 14, 1945, Serial No. 593,697
7 Claims. (Cl. 158—28)

1. In a fuel burner system having a plurality of fuel burners each movable to and from operating position and individual means for moving said fuel burners to and from operating position; gas pilot burners mounted adjacent the operating position of each fuel burner for lighting the fuel therefrom; electrical ignition means for lighting each gas pilot; valves and operating means therefor to supply gas and fuel respectively to said pilot and fuel burners; control means including a starting switch for simultaneously operating all said gas valves, for energizing all said ignition means and for moving all said fuel burners to their operating position; means

also responsive to placement of said switch in starting position and then acting to partly condition said oil valves operating means for actuation; individual means responsive to the move-

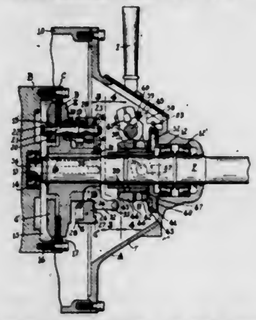


ment of each fuel burner to its operating position for completely rendering its fuel valve operating means operable; and means operable thereafter for simultaneously actuating the operating means for the fuel valves for said fuel burners.

2,439,610
STABILIZED ORGANIC COMPOSITION
Rupert C. Morris and John L. Van Winkle, Berkeley, and Alva V. Snider, Richmond, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application September 26, 1944, Serial No. 555,892
12 Claims. (Cl. 252—45)

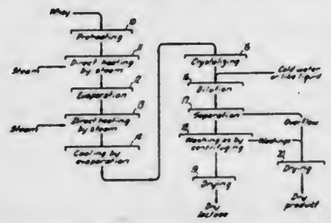
1. An organic hydrocarbon composition comprising a beneficial amount sufficient to stabilize said organic composition against deterioration and oxidation of a sulfurized homopolymer of an alkyl substituted 1,3-pentadiene, said alkyl substituent of 1,3-pentadiene having up to two carbon atoms.

2,439,611
AXIALLY ENGAGING FRICTION CLUTCH
Arthur T. Nabstedt, Hamden, Conn., assignor to The Snow-Nabstedt Gear Corporation, New Haven, Conn., a corporation of Connecticut
Application August 29, 1944, Serial No. 551,653
8 Claims. (Cl. 192—68)



1. In clutch mechanism of the spring loaded type in which one of the principal members includes an axially movable friction disk and the other principal member includes a pair of plate members between which said disk is clamped, one of said plate members being axially movable and the other being axially stationary, the combination, with the aforesaid members, of a presser element tied to the axially movable plate member and located at the remote side of the axially stationary plate member, loading springs interposed between said presser element and the axially stationary plate member, levers for shifting the presser element carried by the axially stationary plate member, throwout mechanism including an axially shiftable collar movable into and out of actuating contact with said levers, and means of engagement between said presser element and said levers for limiting the swinging of said levers.

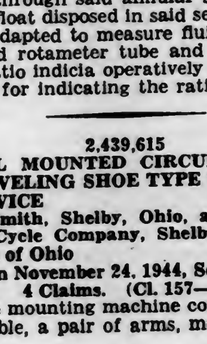
2,439,612
PROCESS FOR MANUFACTURE OF MILK SUGAR
David D. Peebles, Hillsborough, and Thomas V. Marquis, Santa Cruz, Calif., assignors to Western Condensing Company, San Francisco, Calif., a corporation of California
Application September 28, 1942, Serial No. 459,920
8 Claims. (Cl. 127—31)



1. In a process for the manufacture of lactose from a liquid lacteal material containing milk protein and lactose, subjecting the material to evaporation and heat treatment to form a concentrate which is supersaturated with respect to its lactose content, which has the major part of its protein content irreversibly coagulated by heat and which is free of lactose crystals, the heat treatment including directly contacting the material with steam to rapidly transfer heat to the same, seeding a mass of said concentrate with lactose crystals formed in a preceding crystallizing operation of the process, permitting lactose from the concentrate to crystallize out in the mass after such seeding, and then separating out lactose crystals from the mass of material.

2,439,613
PARACHUTE HARNESS
John Raymond Cuthbert Quilter, Woking, England
Application October 19, 1945, Serial No. 623,328
In Great Britain September 27, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires September 27, 1964
10 Claims. (Cl. 244—151)

1. Parachute harness for aviators, comprising two parachute connections for carrying the entire load, a seat for the aviator, a leg loop secured to said seat and adapted to be carried up between the aviator's legs when seated, two connectors attached to the respective ends of said seat, means for locking said connectors individually to said connections, said leg loop being engageable with said connectors under control of said locking means, said connections, leg loop and locking means being located in front of the aviator in the



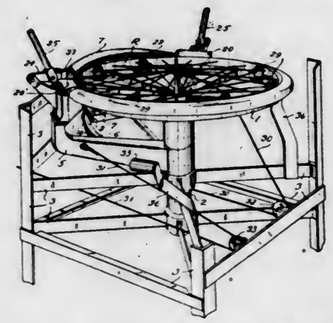
position of wear, and a single member for simultaneous release of said locking means.

2,439,614
FLOW-RATIO METER
Milton Ernest Schramm, Edwardsville, Ill., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
Application January 11, 1945, Serial No. 572,381
7 Claims. (Cl. 73—196)

1. In a flow-ratio meter the combination comprising a first rotameter tube, a second rotameter tube extending longitudinally within said first rotameter tube and defining an annular space between said rotameter tubes, a first annular rotameter float slidably mounted on said second rotameter tube and adapted to measure fluid flow through said annular space, a second rotameter float disposed in said second rotameter tube and adapted to measure fluid flow through said second rotameter tube and means including flow-ratio indicia operatively associated with said floats for indicating the ratio of said flows.

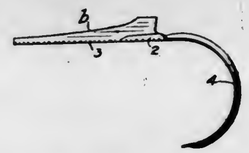
2,439,615
PEDESTAL MOUNTED CIRCUMFERENTIALLY TRAVELING SHOE TYPE TIRE MOUNTING DEVICE
Leon A. Smith, Shelby, Ohio, assignor to The Shelby Cycle Company, Shelby, Ohio, a corporation of Ohio
Application November 24, 1944, Serial No. 564,917
4 Claims. (Cl. 157—6)

1. A tire mounting machine comprising a supporting table, a pair of arms, means supporting the arms for swinging movement toward and away from each other about an axis normal to the plane of the table, rim engaging means on the table for holding a rim thereon with its axis substantially coincident with said first mentioned axis, means operatively connected to said arms for swinging the arms concurrently in a fixed relation toward each other from a starting to a final position, said means comprising segmental discs fixed to the arms respectively and coaxial



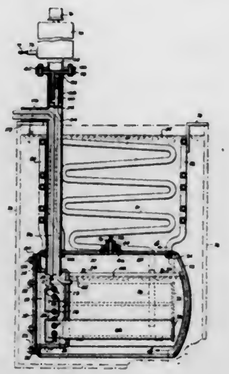
therewith and spaced apart from each other axially, and having peripheral guideways, flexible members secured at one end to the discs, respectively, and accommodated in the guideways, means to exert a pull on the flexible members for swinging the arms from a starting to a final position, tire applying means carried by the arms, respectively, and operative upon swinging of the arms from starting to final position to effect progressive engagement of a tire with said rim.

2,439,616
CONDUCTOR PIPE HOOK
Morton B. Wolfe, Norwood, Pa., assignor to Berger Bros. Company, Philadelphia, Pa., a corporation of Pennsylvania
Application September 12, 1944, Serial No. 553,693
1 Claim. (Cl. 248—71)



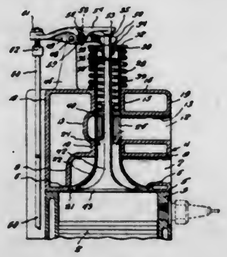
A conductor pipe support formed from a sheet-metal blank, having a pipe engaging hook at one end, a tapered drive portion at the other end which merge into a hollow reinforcing portion, the hook being curved to engage the pipe and is provided with an outwardly pressed bead extending into the reinforcing portion, pipe engaging flanges extending laterally from said bead, the drive portion comprising two similar members, each having a drive head forming portion over the reinforcing portion formed by folding the blank along the medial portion from the end thereof to the bead, said members extending perpendicular to the pipe engaging flanges, and inwardly curved portions extending from said flanges and merging into the drive head thereby forming the hollow reinforcing portion over the end of the bead and the junction of fold between the drive members.

2,439,617
IMMERSIBLE ELECTRICAL HEATER
Robert C. Belgau, Detroit, Mich.
Application July 5, 1945, Serial No. 603,341
12 Claims. (Cl. 219—41)



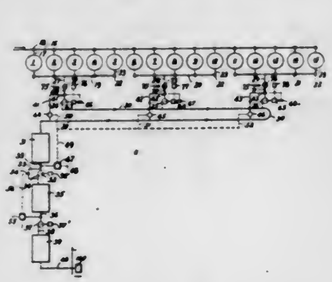
1. Apparatus for heating material in a container, comprising a tank, liquid heating medium therein, electrical resistance elements extending within said tank for heating said medium, pressure responsive means operative upon the occurrence of a predetermined maximum pressure to deenergize said resistance elements, radiating elements connected to the interior of said tank for transmitting heat from the vaporized heating medium to the material in the container, a conduit leading from said resistance elements to a point above the normal level of material in the container, electrical connections extending through said conduit to said resistance elements, and means associated with said conduit for suspending the heating apparatus in the container in spaced relation from the walls thereof.

2,439,618
COMBINATION INTAKE AND EXHAUST VALVE FOR FOUR-CYCLE ENGINES
Felix J. Cloutier, Minneapolis, Minn.
Application February 15, 1946, Serial No. 647,869
1 Claim. (Cl. 123—79)



In a combination intake and exhaust valve for internal combustion engines, the combination, which comprises an engine head having a vertically disposed valve chamber extending therethrough with separated intake and exhaust laterally disposed openings communicating therewith, an exhaust valve having a tubular sleeve slidable in said valve chamber with a horizontally disposed bearing partition intermediate the ends thereof and radially disposed openings in the wall thereof below said partition, said tubular valve sleeve having a peripheral flange around the extending outer end, a compression spring around said tubular valve sleeve positioned between the peripheral flange and surface of the engine head, an intake valve having a stem slidably mounted in the sleeve extending through a bearing in the partition thereof, a collar on said valve stem spaced from the partition, a compression spring around said valve stem between the collar thereon and the horizontally disposed partition, a rocker arm pivotally mounted on the engine head positioned to actuate said exhaust valve, said rocker arm having a yoke at the end with arms thereof straddling the stem of the intake valve, and a rocker arm pivotally mounted on the rocker arm of the exhaust valve engaging the end of the stem of the intake valve for actuating said intake valve.

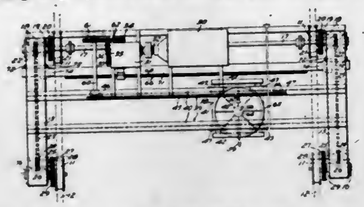
2,439,619
APPARATUS FOR HANDLING VISCOSE SOLUTIONS
Hobart O. Davidson, Swarthmore, Pa., assignor to American Viscose Corporation, Wilmington, Del., a corporation of Delaware
Application March 1, 1944, Serial No. 524,583
7 Claims. (Cl. 18—8)



1. Apparatus for handling dispersions of viscose and other materials subject to change in properties with passage of time preparatory to delivery to the product-forming stage comprising a large number of tanks, at least two discharge headers, each of the headers being associated with a separate group comprising a plurality of the tanks, a common header, separate branch lines connecting the respective discharge headers to the common header, pumping means in each of said lines, separate by-pass lines connected to the respective branch lines on the suction side of the pumps therein and to the common header beyond all of the branch line connections thereto.

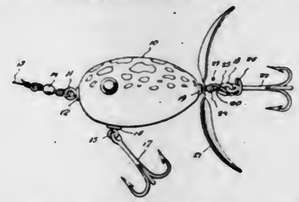
2,439,620
CONCRETE SPREADER
John P. Faber, Dunellen, N. J., assignor to Ransome Machinery Company, Dunellen, N. J., a corporation of New Jersey
Application September 28, 1944, Serial No. 556,129
5 Claims. (Cl. 94—44)

1. A concrete spreader for distributing concrete deposited upon a roadway comprising a carriage adapted to move along the roadway, a horizontal guide mounted on said carriage cross-wise of the roadway, a traveler movable along said guide, a concrete spreading plow having a vertical shaft rotatably mounted on said traveler, said spreading plow being wedge-shaped with a concrete dividing edge positioned to one side of said shaft,



means for rotating said shaft to adjust said spreading plow to different plowing angles, means for propelling said traveler back and forth along said guide to move the spreading plow in a horizontal path over the roadway, and means for adjusting the spreading plow toward and away from the roadway.

2,439,621
FISHING LURE
Waino E. Himottu, Gardner, Mass.
Application April 2, 1946, Serial No. 658,949
1 Claim. (Cl. 43—47)



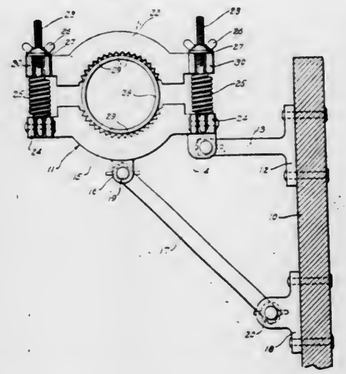
A fishing lure having a wooden body including an eye screw in the rear end of the body, a spinner rotatably mounted on the eye screw, a fish hook secured to the eye of the eye screw and a guard to prevent the fish hook from interfering with the free movement of the spinner, the guard consisting of a wire coil surrounding the neck of the eye screw, the wire extending rearwardly from the coil and, the rear portion of the wire being in the form of a bight and surrounding the stem of the fish hook.

2,439,622
KNITTING NEEDLE
Robert F. Howe, Leominster, Mass., assignor to E. B. Kingman Co., Leominster, Mass., a corporation of Massachusetts
Application March 19, 1947, Serial No. 735,608
4 Claims. (Cl. 66—117)



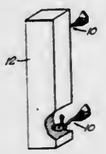
1. A knitting needle comprising a shank having a pointed end and having an opening adjacent said pointed end extending across the shank and a rigid pin frictionally and detachably mounted in said opening from either end of the opening for preventing the slippage of stitches over said pointed end.

2,439,623
SUPPORT FOR VEHICLES
Thomas G. Howells, Girard, Ohio
Application June 24, 1946, Serial No. 678,730
2 Claims. (Cl. 224—29)



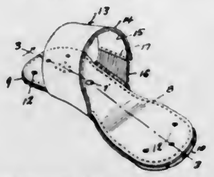
1. A load-carrying attachment for trucks, comprising a load support consisting of a pair of jaws, one of which being fixed on the side of a truck, the other jaw forming a mating cap removably supported on the fixed jaw, and means for tightening the jaws together to firmly secure the load between them consisting of a pair of rods secured in said fixed jaw adapted for holding engagement with said cap, springs on said rods tending to open said jaws, lugs on said cap providing a side opening for sideways entering of the rods in the cap.

2,439,624
ADJUSTABLE BRACKET
Frederick D. Irwin, Warsaw, Ind.
Application January 12, 1946, Serial No. 640,932
4 Claims. (Cl. 248—200)



1. An adjustable bracket comprising a rigid anchor member adapted to be secured to a support and including a plate portion having an elongated slot, an elongated rigid arm bearing at one end portion upon said plate portion and transversely spanning said slot, means received in said slot for clamping said arm upon said base in selected adjustment relative to both the length of the arm and the length of the slot, and a head mounted at selected longitudinal position on the outer end of said arm spaced from said anchor member, the plate portion of said anchor member having spaced parallel projections transverse of and on opposite sides of said slot engageable by said arm.

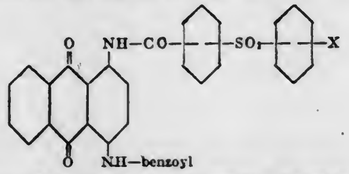
2,439,625
FOOT SUPPORT
Moses Johnson, Indianapolis, Ind.
Application February 13, 1946, Serial No. 647,339
1 Claim. (Cl. 36—71)



A foot appliance comprising a pair of superposed plates of spring steel and equal in length upwardly bowed centrally to support the longitudinal arch and padded with resilient material to provide a metatarsal arch support, and a covering of leather for said plates and resilient material, one of said plates solely having a cut-out edge on one side of the longitudinal arch supporting part thereof for weakening the same to facilitate shaping of the appliance to the arch of the foot under weight thereof, and bottom guard plates at the ends of the lower plate curving around the ends of the upper plate.

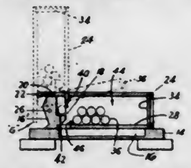
2,439,626
ANTHRAQUINONE VAT DYESTUFFS
Walter Kern, Sissach, Switzerland, assignor to Society of Chemical Industry in Basle, Basel, Switzerland, a Swiss firm
No Drawing. Application October 2, 1944, Serial No. 556,908. In Switzerland November 1, 1943
4 Claims. (Cl. 260—372)

1. A vat dyestuff which is an anthraquinone substitution product of the formula



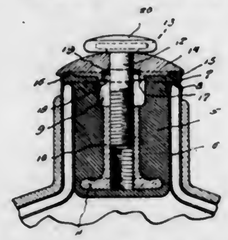
wherein X stands for a member selected from the group consisting of hydrogen, chlorine and methoxy.

2,439,627
DISPENSING CONTAINER
Tennies F. Kolts, Long Beach, Calif.
Application July 31, 1945, Serial No. 608,063
2 Claims. (Cl. 312—77)



2. In a device of the character described, a base, a container hingedly secured upon said base and being adapted to hold a supply of stacked cigarettes horizontally positioned therein, a block, said block being secured upon said base and being formed with a horizontal step thereon and upon which a cigarette is adapted to rest in horizontal position, and lips, said lips being positioned upon certain of the inner faces of said container and being functionally operable with said block to confine said supply of cigarettes within said container when in raised position, means on said container to apply pressure upon one of the ends of said cigarette upon said step upon upward movement thereof from a lower horizontal position to an upper rearwardly inclined position whereby a cigarette upon said step is swung transversely of its axis to a position in which the longitudinal axis thereof is directed toward an operator of the device, said lips and said block being so positioned with respect to one another that upon lowering said container from the upright functional position to the horizontal non-functional position, clearance is provided whereby a subsequent cigarette will roll from stacked position in the container to a position onto said step prior to a subsequent functional movement of said container.

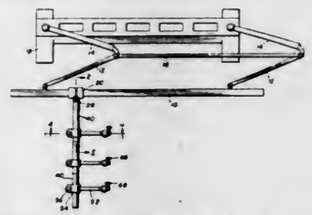
2,439,628
BOTTLE STOPPER
Donald G. Kopecky, Taft, Calif.
Application February 2, 1945, Serial No. 575,787
1 Claim. (Cl. 215—54)



A bottle stopper comprising a plug made of resilient material adapted to enter the neck of a bottle, the outer end of said plug projecting outwardly beyond the neck of the bottle and being formed with an annular flange overlying the outer edge of the neck of the bottle, said flange being provided on its under surface with a groove adapted to conformably receive the outer edge of the neck of the bottle and on its upper surface with an annular rib, there being a vertical recess in said plug, an internally threaded and rigid sleeve provided with a flange at its lower end mounted in said vertical recess, the flange of the sleeve being imbedded within the plug above its bottom thereof, a rigid cap overlying the annular flange of said plug, said cap being provided on its underside with an annular groove adapted to conformably receive the annular rib on the flange of said plug and on its underside with an annular rib projecting into and bearing against the walls of said vertical recess, there being a recess in the central portion of said cap at its underside, a metal washer seated in the recess of said cap, and a screw extending through the recess and metal washer in said cap and threaded in said sleeve and operable upon manipulation in the proper direction to compress the flange of the plug against the neck of the bottle and to expand the plug within the neck.

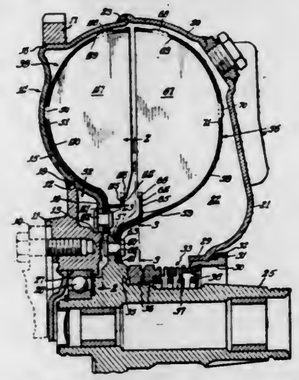
2,439,629
MULTIPLE THERMOCHEMICAL CUTTING ATTACHMENT
Stewart N. Libby, Chicago, Ill.
Application March 20, 1947, Serial No. 736,014
1 Claim. (Cl. 248—214)

Means for mounting a plurality of torches on the torch bar of thermochemical cutting apparatus comprising a bracket longitudinally adjustably mounted on said bar, a plurality of similar longitudinally aligned sections separably secured together and secured to said bracket, clamps longitudinally adjustably mounted on said members and having adjustable attachment means for



torches, said bracket including a block configured to fit a portion of said torch bar and slidably mounted within a recess in said bracket, a pin inserted through a slot in said block and secured to said bracket, and a thumb screw threadedly mounted in said bracket and operatively contacting said block.

2,439,630
FLUID COUPLING
Harold Nutt, Chicago, Ill., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application April 11, 1945, Serial No. 587,652
9 Claims. (Cl. 103—115)



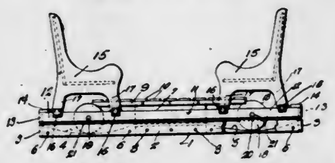
1. In a fluid coupling, rotatable driving hub having an annular flange and a shoulder; a hollow annular housing member forming one portion of an annular fluid chamber; a hollow semi-toroidal housing member forming another portion of said fluid chamber, the inner region of said semi-toroidal housing member resting on said hub shoulder; a driving wheel within said semi-toroidal housing member comprising an annular semi-toroidal shell having a cross-section substantially conforming with the cross-section of said semi-toroidal member and driven thereby; a ring baffle at the radially inward portion of said shell; radially positioned vanes of substantially semi-circular contour within said semi-toroidal shell; said vanes having means coacting with means on said shell and said baffle for mounting of said vanes in said shell; the radially inward portions of said housing, shell, and baffle being arranged in close relation to each other; rivets passed through said radially inward portions to provide a unitary assembly engaged with the flange on said driving means; and a readily accessible continuous exterior weld anchoring said unitary assembly to said driving flange.

2,439,631
COVER FOR BED-FORMING STRUCTURES
Immacolata Pisciotta, New York, N. Y.
Application July 10, 1944, Serial No. 544,218
9 Claims. (Cl. 5—354)



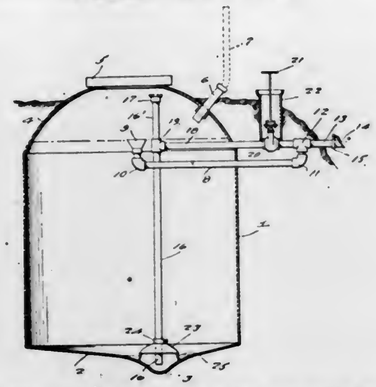
9. A cover for a bed-forming structure, wherein such structure includes at least one device accessible at the outside face of such structure, the cover comprising a plurality of panels dimensioned and assembled with each other to be substantially coextensive with the outside walls of such structure, one of the panels including a plurality of sections, one of the sections of that panel having a cut-out formed therein, the sections being greater in their total length than the length of the panel, the sections of that panel being overlapped sufficiently to coincide with the length of the panel and so that the cut-out is overlapped by one of the other sections of that panel, and the sections of that panel being secured to each other so that a portion of said other section forms a freely movable cover for the cut-out.

2,439,632
ROCKER SWING
Ernest A. Ramirez, Grand Rapids, Mich., assignor of fifty per cent to Florence M. Ramirez, Grand Rapids, Mich.
Application March 11, 1946, Serial No. 653,615
1 Claim. (Cl. 155—57)



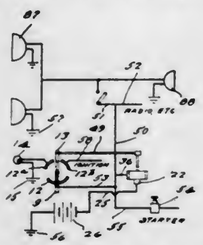
A rocker swing comprising a substantially rectangular fixed supporting frame, oppositely extending track rails having arcuate bearing surfaces disposed at the opposite ends of said fixed supporting frame and secured to the inner surfaces thereof, vertical standards having outturned flanges attached to the sides of said fixed supporting frame between said track rails, a substantially rectangular foot engaging platform supported by said vertical standards above said fixed supporting frame, a substantially rectangular seat supporting frame interposed between said fixed supporting frame and said foot engaging platform, said platform having its opposite sides disposed inwardly of said seat supporting frame, seats secured to the opposite ends of said seat supporting frame, transversely aligned axle bearings extending through the sides of said seat supporting frame, axles disposed for rotation in said bearings, and wheels on said axles having rolling engagement with the arcuate bearing surfaces of said track rails.

2,439,633
AUTOMATIC FILTER APPARATUS
Frederick J. Reinhart, Ludlow, Ky.
Application August 14, 1945, Serial No. 610,729
5 Claims. (Cl. 210—209)



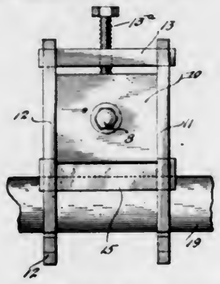
1. The combination of a tank for liquid and a purifying apparatus, said tank having a sediment basin in its bottom and said purifying apparatus comprising an overflow pipe, a sludge pipe, and a valve in said sludge pipe, said overflow pipe limiting the height of the liquid in said tank and being positioned above said sludge pipe to form a head of liquid above said sludge pipe, said sludge pipe extending down into and spaced from the bottom of said sediment basin, whereby when said valve is opened, liquid will be forced out of said tank through said sludge pipe while entraining sediment from said sediment basin.

2,439,634
ELECTRICAL SAFETY DEVICE
Lee E. Robey, Odenton, Md., assignor of one-half to William Reimsnider, Dorsey, Md.
Application July 29, 1944, Serial No. 547,272
4 Claims. (Cl. 177—311)



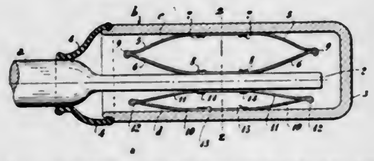
1. A safety device of the character described, comprising an auxiliary switch having means mounting the same on the instrument board of a motor vehicle, said switch including a movable contact element shiftable to a circuit-opening or closing position and having an operating handle, means to releasably lock said movable contact element in circuit-opening position, a signal lamp having a circuit controlled by said auxiliary switch, a master switch having a movable contact shiftable to circuit-opening or circuit-closing position and mounted remote to the auxiliary switch adjacent the vehicle battery, and a flexible operating connection between the movable contact elements of said switches whereby opening of one will cause opening of the other and closing of the one will cause closing of the other, said master switch having means to connect its movable contact element with one side of the battery and including a stationary contact element for connection with the several circuits of the vehicle, whereby opening of the master switch will cause simultaneous opening of all of the vehicle circuits.

2,439,635
TOOLHOLDER
Eugene Ruch, Farmington, Mich.
Application April 11, 1945, Serial No. 587,741
2 Claims. (Cl. 82—36)



1. A boring tool holder for the tool post of a lathe comprising a pair of elongated laterally spaced frames adapted to accommodate said post therebetween and to be moved endwise alongside the same crosswise thereof, a cross member extending through said frames and slidable along the same, said member being adapted to engage one side of the post whereby when said frames are moved endwise corresponding ends thereof are moved into clamping relation to said member to clamp the tool holder when inserted through said frames between said ends and said member, a second cross member extending through said frames at the other ends thereof and slidable along said frames into engagement with said other ends to cause endwise movement of the frames, said other member being adapted to be opposed to said post on the side thereof opposite the side with which the first named member is adapted to be engaged, and an adjusting screw threaded through said second member and adapted to be turned against said post to slide the second member against said other ends of the frames.

2,439,636
STEERING HANDLE
Vicente Alberto Pedro Saracchi, Buenos Aires, Argentina
Application June 29, 1945, Serial No. 602,338
In Argentina May 28, 1945
4 Claims. (Cl. 74—551.9)



1. In a steering handle bar construction for bicycles, motor cycles and the like, a grip of tubular formation fitted about an end of the handle bar, said grip having a tubular cross-section with a hollow portion several times that of the cross-

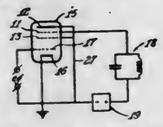
section of the end of the handle bar to which it is fitted, and connecting means for the end of the handle bar and said grip comprising a first spring between the upper surface of the handle bar end and the grip composed of two arc-like members which are substantially elliptically shaped and which when connected together by their respective ends form a double ogive, and a second spring between the lower portion of the end of the handle bar and the grip composed of two arc-like members which are substantially elliptically shaped and which when connected together by their respective terminals form a double ogive.

2,439,637
METHOD OF PREPARING WELDABLE FERROUS MEMBERS HAVING HIGH CARBON FACES
John W. Steinmeyer, Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y., a corporation of New Jersey
Application November 6, 1943, Serial No. 509,241
5 Claims. (Cl. 148—19)



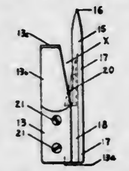
1. The method of producing a weldable ferrous-metal member having a non-weldable high carbon face and a weldable low carbon center comprising, spraying non-ferrous metal onto a portion of a low carbon member in successive layers of decreasing width to form a protective coating having a relatively thin edge portion gradually merging into a materially thicker portion, subjecting the member to a carburizing treatment to produce a high carbon face which gradually disappears beneath the protective coating substantially in accordance with the coating thickness, and removing a portion at least of the non-ferrous metal coating to expose an uncarburized face portion for reception of welding metal.

2,439,638
CIRCUIT ARRANGEMENT FOR AMPLIFYING OR GENERATING ULTRA HIGH FREQUENCY OSCILLATIONS
Maximiliaan Julius Otto Strutt, Aldert van der Ziel, and Adrianus Johannes Wilhelmus Marie van Overbeek, Eindhoven, Netherlands, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee
Application May 21, 1943, Serial No. 487,979
In the Netherlands August 20, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires August 20, 1961
5 Claims. (Cl. 179—171)



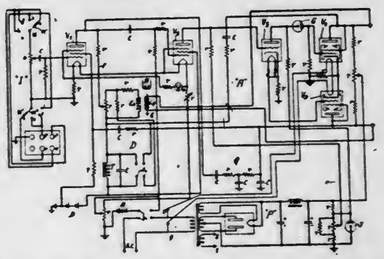
1. A circuit arrangement for amplifying or generating high frequency oscillations comprising an electron discharge tube having arranged in the order named a cathode, a signal control electrode, a first reflecting electrode, a perforated electrode and a second reflecting electrode, means to couple said first reflecting electrode to said second reflecting electrode, means to maintain said reflecting electrode at cathode potential, and means to apply a positive potential to said perforated electrode, said electrodes being so constructed, arranged and spaced and said positive potential having such value with respect to the cathode that the electrons, at least for the greater part, perform an oscillatory movement through said perforated electrode and within a region defined by said reflecting electrodes to thereby increase the mutual conductance of said tube.

2,439,639
ENVELOPE AND PACKAGE OPENER
James O. Tilly, Tulsa, Okla.
Application October 9, 1944, Serial No. 557,905
1 Claim. (Cl. 30—294)



In a letter and package opener device of the kind described; the combination of a one piece handle element of replica form, a guide blade and a knife, said guide blade having a tongue portion and an enlarged rib formation integrally formed on one edge thereof and merging into a long forwardly extending slender pointed blade to form the aforesaid guide blade, said handle element having a longitudinally positioned groove therein in which the tongue portion of the guide blade is seated in such a manner that a portion of the replica diverges from the guide blade to form a V-shaped opening between the replica and guide blade, said knife being in the form of a right angle triangle having an extremely long base and short altitude and the hypotenuse side of the triangle being the sharp edge of the knife, said guide blade having a groove therein in which one side of the triangle knife is seated with the sharp edge of the knife extending diagonally across the apex end of the said V-shaped opening and one corner of the triangle knife engaging the replica as a means of rigidly holding the knife in place, and means passing through both the replica and said tongue to rigidly hold the replica and guide blade in their relative fixed position.

2,439,640
ELECTROCARDIOGRAPH
Paul Traugott, New York, N. Y., assignor to Electro-Physical Laboratories, Inc., New York, N. Y., a corporation of New York
Application May 24, 1944, Serial No. 537,175
7 Claims. (Cl. 128—2.06)



1. In an electro-cardiograph, a movable coil galvanometer, a stylus actuable by the movement of the coil of the galvanometer in a magnetic

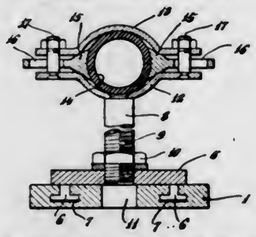
field, and an amplifier circuit connected at its output to the galvanometer and its input to a patient for transmitting the cardiac action from the patient to the galvanometer, and an auxiliary coil operatively associated with the galvanometer coil and with the amplifier circuit said auxiliary coil being simultaneously movable with the galvanometer coil in the same magnetic field, said auxiliary coil being adapted to develop a potential in the amplifier circuit and serving by its movement in a phase opposing the potential developed in the amplifier circuit by virtue of the inertia of movement of the stylus initiated by the galvanometer coil actuation.

2,439,641
ARRANGEMENT FOR CONDUCTING HEAT AND HIGH-FREQUENCY CURRENTS
Harold A. Wheeler, Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill., a corporation of Illinois
Application February 21, 1946, Serial No. 649,346
6 Claims. (Cl. 178—44)



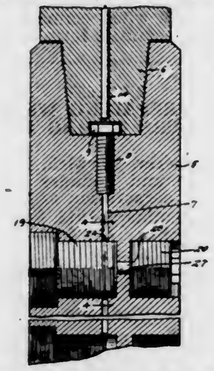
1. An arrangement adapted to convey heat and high frequency currents from a source comprising, a conductor of heat and high frequency currents, a thermal radiator including a plurality of heat-conductive elements of relatively large areas secured in transverse relation to and spaced along the longitudinal axis of said conductor to provide a large heat-dissipating area but presenting a high impedance to the flow of high frequency currents along said radiator, and a plurality of longitudinally extending current conductive elements spaced from each other about the periphery of said radiator and connected to provide around at least a portion of said radiator a shunt path having an impedance to high frequency currents much less than that of said radiator.

2,439,642
ADJUSTABLE HOSE HOLDER
Mayfield C. White, New York, N. Y.
Application July 28, 1945, Serial No. 607,521
2 Claims. (Cl. 248—84)



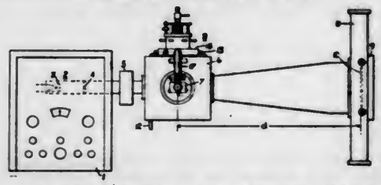
1. In an adjustable hose holder which consists of a pair of curved clamps adapted to hold a hose between them and having lugs at each extremity and of a vertically adjustable supporting shaft connecting one of said clamps to a base, a pair of wedges from whose narrow portions slotted lugs are extended which are located between the lugs of said clamps, and threaded bolts connecting the clamp lugs to each other and extending through said wedge lugs, all substantially as set forth.

2,439,643
GUN PERFORATOR
Wilmerth R. Atwood, Odessa, Tex.
Application September 6, 1945, Serial No. 614,756
3 Claims. (Cl. 164—0.5)



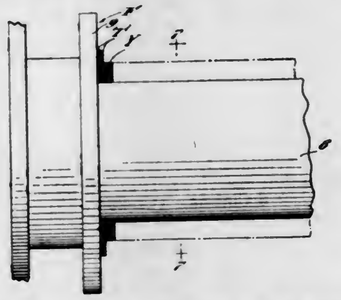
1. A gun perforator comprising a body having a vertical passage, a pair of plugs threaded in diametrically opposite sides of the body, one of said plugs having a bore forming a barrel, a lateral passage between the inner ends of the plugs adapted to receive a bullet positioned at the inner end of the barrel, the other of said plugs having a powder chamber disposed transversely of the body and intersecting said vertical passage, a soft metal disk closing the inner end of the chamber and having a severable section attached to the rear end of the bullet to retain the bullet in the barrel, said disk forming a closure between the powder chamber and lateral passage, a vertical passage in the last named plug providing communication between the powder chamber and the vertical first named passage, and means operable from a remote part of the vertical passage to fire a charge in the powder chamber.

2,439,644
INDEXING TELESCOPE FOR ELECTRON DIFFRACTION INSTRUMENTS
Charles H. Bachman, Scotia, N. Y., assignor to General Electric Company, a corporation of New York
Application November 10, 1945, Serial No. 627,
4 Claims. (Cl. 250—49.5)



1. The combination in an electron optical instrument of means including an evacuated structure for producing a beam of electrons, means for supporting a specimen to be examined in the path of said beam, a reference point located on said structure, and means for measuring the distance between said point and the point of incidence of said beam on said specimen.

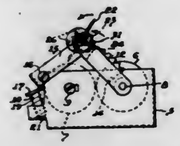
2,439,645
PREPARATION OF MULTIEND YARN PACKAGES
Wright Bolton, Jr., New Bedford, Mass.
Application September 12, 1944, Serial No. 553,676
13 Claims. (Cl. 28—72.5)



6. That method of warping single-strand or untwisted glass yarn or yarn which is similarly inextensible so as to protect the yarn from abrasion by the heads of the warp beam during winding and unwinding, which comprises arranging the inextensible yarns to form a plain warp sheet, disposing a plurality of yarns of relatively extensible material to form cushioning selvages for said warp sheet, and simultaneously winding the inextensible and extensible yarns on a warp beam.

12. A warp mounted on a beam having a rigid barrel and spaced heads, said warp consisting of a great number of single-strand, untwisted glass yarns each wound to form a coil, the radial faces of adjacent coils being in contact and the endmost coils being spaced from the respective beam heads, and a plurality of coils of organic textile yarn interposed between the beam heads and the radial faces of the endmost yarn coils to support the endmost coils and to prevent them from breaking down.

2,439,646
SHARPENER FOR DOUBLE-EDGED RAZOR BLADES WITH AUTOMATIC BLADE-TURNING MEANS
Rolla B. Rostwick, Pittsburgh, Pa.
Application November 7, 1946, Serial No. 708,294
1 Claim. (Cl. 51—86)



A razor blade sharpener comprising a framework, a pair of sharpening rolls rotatably mounted in the framework intermediate its ends, a bracket pivotally mounted on the framework, adjacent to the outer end of the bracket and one end of the framework, a spring yieldably urging the inner end of the bracket toward the rolls, a holder rotatably mounted on the inner end of the bracket, on an axis parallel to the axis of the rolls, means on the holder for releasably connecting a double-edged blade thereto in position for engagement with the rolls, a gear wheel carried by the bracket, a crank having driving connection with the rolls, and a segmental gear element carried by the crank, in position to engage the gear wheel and raise the inner end of the bracket and also impart a one-half revolution to the holder during each revolution of the rolls.

2,439,647
PHOTOELECTRIC TUBE AND METHOD OF MANUFACTURING SAME
Arthur Bramley, Long Branch, N. J., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application July 21, 1945, Serial No. 606,436
6 Claims. (Cl. 250—165)

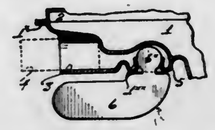


1. A photoelectric tube of the gas-filled type comprising a cathode having a photo-sensitive surface formed upon a base metal, said surface comprising a layer of mosaic silver formed upon the base metal from reduced silver oxide, a layer consisting of a mixture including calcium deposited upon said mosaic, a layer of silver oxide formed upon and within said mixture, a layer of calcium deposited upon said silver oxide, and an outer layer of cesium deposited upon said layer of calcium.

2,439,648
CYCLONITE PURIFICATION
Jerome G. Burtle and Wilfred H. Brandt, Alton, Ill., assignors to Olin Industries, Inc., a corporation of Delaware
No Drawing. Application September 25, 1944, Serial No. 555,764
14 Claims. (Cl. 260—248)

1. The method of treating cyclonite comprising poaching the same in an aqueous bath containing acetone and a nitroparaffin.

2,439,649
TOY PROPELLED BOAT
Irwin Cohn, Leominster, Mass.
Application June 4, 1946, Serial No. 674,276
1 Claim. (Cl. 46—93)

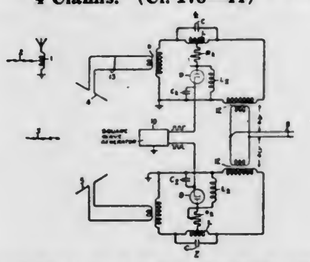


A toy boat consisting of a hull formed of light sheet plastic, the rear of the hull being formed with a tube adapted to receive a propelling chemical, and the hull likewise being provided with an internally projected flexible plastic ring, integral with the hull structure, in combination with a rudder formed of a flat piece of plastic having an upwardly projected disk formation adapted to snap into the ring whereby the edges of the disk will be frictionaly engaged by the ring to hold the rudder in adjusted positions.

2,439,650
METHOD OF MAKING GRANULES
Charles W. Cuno, Wilmington, Ill., assignor to The Lehon Company, a corporation of Illinois
No Drawing. Application January 28, 1944, Serial No. 520,135
12 Claims. (Cl. 117—100)

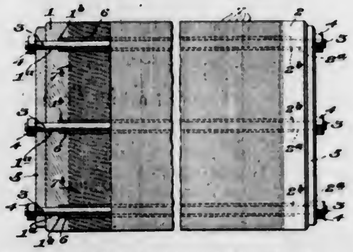
1. The method of making hard weatherproof granules for covering material comprising the steps of mixing expanded slag granules with a solution of magnesium fluosilicate in direct contact with the granules, adding thereto and mixing therewith a substance providing lime for reaction with said magnesium fluosilicate, and thereafter adding and mixing therewith a pigment, thereafter continuing agitation of the coated granules until the coating has sufficiently set to prevent adhesion of the granules to one another.

2,439,651
ATTENUATION CONTROL NETWORK
Robert B. Dome, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York
Application August 9, 1943, Serial No. 497,918
4 Claims. (Cl. 178—44)



1. In combination, a high frequency transmission channel, a parallel combination of inductance and capacity connected in series with said channel and resonant at the frequency of waves to be transmitted therethrough, a source of variable voltage, means to interrupt transmission of waves of said frequency through said channel in accord with said voltage, said means comprising an impedance connected between the midpoint of said inductance and the opposite side of said circuit, and means to vary said impedance in accord with said voltage.

2,439,652
CUTTING BLOCK
Leo F. Exley, Johnson City, N. Y., assignor to Endicott Johnson Corporation, Endicott, N. Y., a corporation of New York
Application June 20, 1946, Serial No. 678,135
6 Claims. (Cl. 164—58)



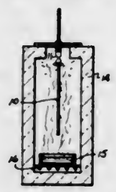
1. A cutting block, comprising a pair of end plates; a series of spaced rods extending through holes in the end plates; means on the ends for drawing the end plates towards each other; tubular sleeves around the rods each having their ends entering enlargements of the holes in end plates; and a series of thin laminations disposed edgewise between the end plates and of same height and width as the end plates, said laminations having holes receiving the sleeves and having preformed offsets between the holes whereby the offsets of adjacent laminations will nest in exact register when the laminations are held compressed between the end plates.

2,439,653
FINGER STALL
William J. Forbes, Joplin, Mo.
Application March 21, 1947, Serial No. 736,226
6 Claims. (Cl. 294—25)



3. A finger stall of the character described including longitudinally extending, relatively rigid non-elastic portions disposed in circumferentially spaced relationship relatively to one another, and transversely disposed longitudinally spaced portions connecting said longitudinal portions and formed of relatively elastic material, said finger stall being tapered from end to end thereof and being provided at its restricted end with an annular tip portion formed of a relatively elastic material and to which corresponding ends of said longitudinal portions are secured.

2,439,654
METHOD OF SILVERING SURFACES
Romey A. Gaiser and Paul T. Mattimoe, Toledo, Ohio, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio
Application September 18, 1943, Serial No. 502,916
10 Claims. (Cl. 117—47)

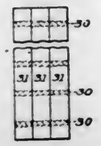


8. The method of producing a metallic coating on a synthetic organic plastic surface, comprising exposing said surface to the vapors of the tetrachloride of an element of the fourth group of the periodic table having an atomic weight between 28 and 48, wetting the surface so exposed and forming a coating of metal on the wetted surface by the application of a mixture of a silvering solution and a reducing solution thereto.

2,439,655
SPLICED LUMBER
Harry C. Graham, Pittsburgh, Pa., assignor to Pittsburgh Screw & Bolt Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application March 16, 1944, Serial No. 526,693
1 Claim. (Cl. 20—91)

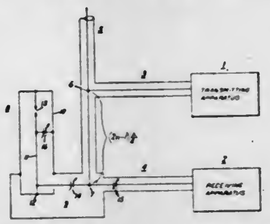
A prefabricated wooden construction unit comprising a plurality of side-by-side rows of pieces of lumber of varying lengths, which pieces

are arranged in end-to-end relationship in said rows, said unit having a plurality of holes extending transversely therethrough and spaced longitudinally thereof, a plurality of driven metallic screw threaded dowels extending



through said holes, the diameter of said holes being approximately equal to the root diameter of said dowels, the threads of said dowels having sufficient steepness of pitch so as to cause rotation of said dowels when driven through said holes.

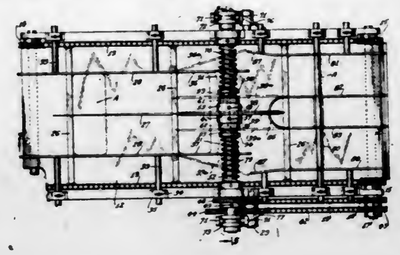
2,439,656
RECEIVER PROTECTIVE DEVICE
Walter Hausz, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application August 17, 1942, Serial No. 455,050
7 Claims. (Cl. 250—13)



1. In combination, a transmission line, apparatus connected thereto and operating with respect to oscillations transmitted over said line said line being subjected to high voltages of a certain frequency, mean to protect said apparatus from said high voltages, said means comprising a stub line having a length equal to a quarter of a wave length, or odd multiple thereof, of oscillations having the frequency of said high voltages, said stub line being short-circuited at one end and having points spaced from said short circuit connected to opposite sides of said transmission line through a capacitance, and an impedance across the opposite end of said stub line having high value to low voltages and low value to said high voltages, said capacitance having such a value as to resonate with the inductance presented by said stub line when said impedance is low, whereby said stub line and capacitance produce a short circuit across said transmission line during high voltages thereon and high impedance across said line in the absence of said high voltages.

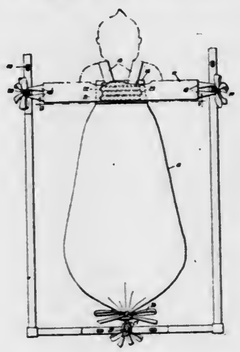
2,439,657
SLICED LOAF DIVIDING MECHANISM
Joseph Hexter and William E. Lanham, Atlanta, Ga.; said Lanham assignor to said Hexter
Application September 12, 1946, Serial No. 696,420
10 Claims. (Cl. 146—153)

1. In an apparatus of the character described, a conveyor for a previously cut loaf, a pair of parallel members normally in face-to-face contact having edges to engage the cut in the loaf, means for moving said members to shift the engaged sections of the loaf apart on the conveyor, and guides receiving the shifted sections and



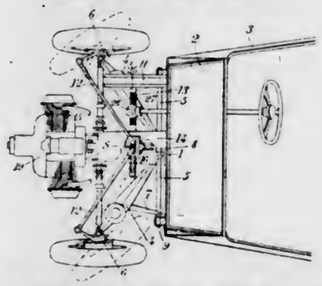
maintaining them in spaced apart relation on the conveyor.

2,439,658
BED GARMENT FOR INFANTS
Irma Holloway, Cedar Rapids, Iowa
Application May 4, 1946, Serial No. 667,301
1 Claim. (Cl. 128—134)



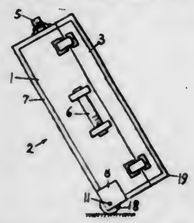
In a bed garment for infants the combination with a fastening band having means at its ends for securing said ends to a bed, of a wrap-around flexible overlap body band adapted to be fastened together at its ends, means connecting the body band to one face of the fastening band to permit a limited relative movement thereof laterally in either direction while said fastening band extends across the bed, said means comprising a pair of separated rolling tapes adapted to occupy parallel planes, the opposite ends of adjacent tapes being secured to the fastening band, with the other end of each tape being secured to said body band to permit a limited lateral movement of said body band relative to said fastening band, a pair of shoulder straps affixed at one end to said body band and adapted to be passed over the respective shoulders of the infant and to be attached at the other end to said body band, a skirt secured substantially along its entire upper edge to said body band, whereby stress on said skirt is received by said body band, the waist end of said skirt being split longitudinally and overlapping at its split edge in conformity with the overlapping structure of said body band for wrap-around cooperation of said skirt with said body band, draw string means for closing the other end of said skirt, and tie string means at said other end of said skirt for securing said latter skirt end to the bed.

2,439,659
VEHICLE CHASSIS BRACKET STRUCTURE AND WHEEL SUSPENSION AND ENGINE CONNECTIONS THERETO
Maurice François Alexandre Julien, Toulouse, France
Application March 6, 1945, Serial No. 581,321
In France November 22, 1944
12 Claims. (Cl. 180—43)



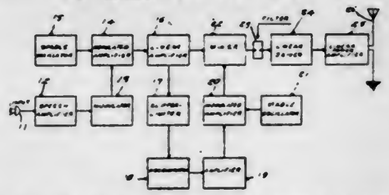
11. An automobile vehicle which comprises, in combination, a chassis, a plurality of wheels including right and left wheels of a pair of wheels, a cross member belonging to said chassis located inside the wheel base of said vehicle, two brackets carried by said cross member on either side of the middle plane of symmetry thereof and extending toward the wheels of said pair, suspension means interposed between each of said wheels and said chassis, said suspension means including at least one transverse spindle carried by said cross member on the same side thereof as said wheels, at least one oscillating arm pivoted at one end to said cross member about said spindle and carrying the wheel at the other end, and a spring interposed between said arm and one of said brackets respectively for elastically opposing upward displacements of said arm, the two arms in question forming a V the apex of which is located in the longitudinal middle plane of said chassis, a third bracket carried by said cross member at the middle part thereof and extending toward said pair of wheels, and an engine for said vehicle carried by said third bracket and located in opening of said V.

2,439,660
WHEELED TRUNK AND THE LIKE
Rudolph Keil, Pelham Manor, N. Y.
Application June 19, 1946, Serial No. 677,860
4 Claims. (Cl. 280—37)



1. A trunk or the like, comprising a portable container having a recess at one of its outer edges, a shaft carried by said container and crossing said recess, a lever carried by said shaft and turnable relatively to said container in a plane substantially perpendicular to said edge, and a wheel rotatably carried by said lever and having an axis positioned eccentrically with respect to the turning axis of said lever whereby turning of said lever shifts said wheel axis between two positions, one nearer to said edge than the other, said wheel having a diameter so measured that said wheel projects out of said recess when its axis is in said first position and is completely withdrawn into said recess when said wheel axis is in said other position.

2,439,661
SYSTEM FOR TRUE AMPLITUDE MODULATION OF RADIO WAVES
Donald B. Keever, Colfax, N. C.
Application October 17, 1947, Serial No. 780,315
10 Claims. (Cl. 179—171.5)



1. A modulation system comprising a source of signalling currents, a first source of carrier frequency, modulating means arranged to modulate the first carrier source with the signalling currents, limiting means responsive to a portion of the modulated currents and arranged to remove amplitude modulation therefrom, frequency discriminating means responsive to the limiting means and disposed to produce an output whose magnitude is substantially proportional to the frequency deviation of the limited currents from the first carrier frequency, a second source of carrier current, further modulating means arranged to modulate the current of the second source with the output currents of the discriminating means, and mixing means disposed to combine the currents of the two modulating means in such degree and in such phase relationship that a modulated current is produced consisting in its entirety of a third carrier frequency modulated in amplitude and unaccompanied by extraneous currents of side-band frequencies.

2,439,662
CHUCK AND FACEPLATE FOR GRINDING MACHINES
Frederick Kidd and Thomas Dargue Kidd, Stockton-on-Tees, England
Application September 28, 1945, Serial No. 619,082
In Great Britain June 30, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires June 30, 1964
4 Claims. (Cl. 51—209)



1. A grinding device comprising a chuck having a casing externally screw-threaded and internally tapered, a split externally tapered ring disposed within said casing, a face grinding wheel disposed within said split tapered ring, a lining of fibrous material interposed between said ring and said wheel, a screw-threaded nut on said casing provided with an internal flange for abutting one end of the said tapered ring whereby when the nut is screwed on to the casing the tapered ring is moved along the internal tapered portion of the casing and compressed, the said tapered ring being provided internally with inwardly directed projecting means and the said face grinding wheel being recessed on its outer periphery to be positively engaged by said inwardly projecting means on the said tapered ring whereby axial movement of the wheel in the chuck is restrained.

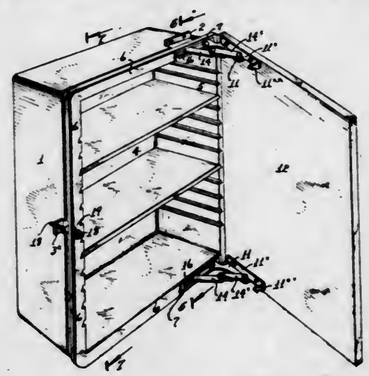
2,439,663
SYSTEM FOR NAVIGATING AIRCRAFT
Harold M. Lewis, Allenhurst, N. J., assignor, by mesne assignments, to Hazeltine Research, Inc., Chicago, Ill., a corporation of Illinois
Application February 26, 1942, Serial No. 432,430
4 Claims. (Cl. 343—104)



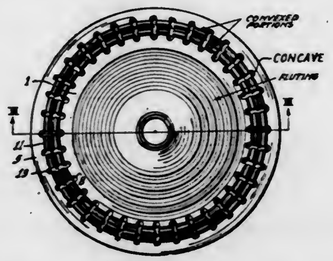
1. A system for navigating an aircraft along a prescribed course toward a carrier-wave reflecting surface to effect a landing operation thereon comprising, a pair of carrier-wave radiating systems each supported in spaced relation above a carrier-wave reflecting surface, means for applying a frequency-modulated carrier wave to each of said radiating systems for radiation therefrom, means carried by said aircraft and adapted to receive the carrier waves radiated by said radiating systems and responsive to the difference frequency of carrier-wave energy traveling directly and by reflection from said carrier-wave reflecting surface from each of said systems to said receiving means for deriving for each of said radiating systems a control signal, each of said radiating systems having the characteristic that its equal-valued control-signal loci are represented by geometric surfaces of revolution, and means for simultaneously utilizing a preselected value of each of said control signals to aid in the navigation of said aircraft along said prescribed course to effect said landing operation.

2,439,664
GLASS-LINED METAL SHELF WALL CLOSET
Adolph Marchand, Jackson Heights, N. Y.
Application January 27, 1945, Serial No. 574,924
3 Claims. (Cl. 312—112)

1. A cabinet for bathrooms and the like, comprising a member having upper and lower walls and sidewalls and being adapted to be set in a wall with its front edge substantially flush with the wall, said member having spaced flanges apertured to receive fastening elements, a unitary glass member disposed in said wall-inset member and having upper and lower walls and sidewalls and a flange around its entire frontal periphery adapted to abut and conceal the edge of the wall-inset member, a pair of box-like holding members fitted in apertures formed in the flange of the glass member, said holding members having a plurality of apertures and having angular lateral flanges overlapping the said flange of the glass member, and fastening members extending through the said apertures of the box-like members and through the spaced flanges of the wall-inset member so as to lock the glass member to the wall-inset member.

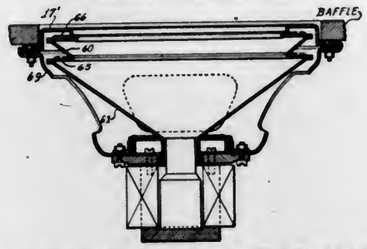


2,439,665
SOUND REPRODUCING DEVICE
John F. Marquis, Haddonfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application January 31, 1944, Serial No. 520,496
2 Claims. (Cl. 181—31)



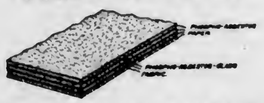
1. In a mass controlled sound reproducing device of the direct acting type, an acoustic diaphragm of fibrous material having a stiffened central conical surface portion, a peripheral clamping portion and an intermediate flexible portion integral with the other of said portions and comprising a plurality of embossings extending at least in part in circumferential relation to said central portion for increasing the compliance of said intermediate portion in a radial sense, and a plurality of spaced radial embossings for increasing the circumferential compliance of said intermediate portion at its inner periphery, said radial corrugations each being non-linear in a plane normal to said intermediate portion, said flexible portion constituting a relatively small proportion of the total area of said diaphragm although characterized by a high degree of compliance in the suspension of the base of said central conical surface portion.

2,439,666
LOUDSPEAKER DIAPHRAGM SUPPORT
John F. Marquis, Haddonfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application January 31, 1944, Serial No. 520,497
2 Claims. (Cl. 181—31)



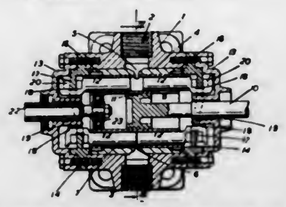
1. In an acoustic mass controlled device of the direct acting type, a conical type diaphragm having a base and small end, a support housing having a rigid annular flange adjacent said diaphragm base and external to the space enclosed by said diaphragm, highly compliant low frequency suspension system for said base and small end, respectively, comprising an annular flexible rim member attached to said base and extending radially, a second annular flexible rim member attached to said housing flange and extending radially in overlapping relation with respect to said first named member, a relatively short frusto conical non-compliant coupling member of fibrous sheet material peripherally attached to the outer periphery of one of said members and to the inner periphery of the other of said rim members for spacing said members closely in parallel planes and cross connecting them in series compliant relation between said diaphragm base and said housing flange to substantially decrease resistance to axial driving forces, a concentrically corrugated suspension member for said small end and acoustic driving means attached to said diaphragm small end and supported entirely by said suspension system.

2,439,667
METHOD OF MAKING LAMINATED ELECTRICAL INSULATING MATERIAL
Kenneth N. Mathes, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application September 29, 1943, Serial No. 504,284
3 Claims. (Cl. 154—2.6)



1. The method of making a laminated electrical insulation panel having a dielectric strength of at least 60 volts per mil and a 2,000 lb. high-shock test of at least 5 lbs., which method comprises (1) forming a core of laminations of sheets of cloth impregnated and coated with a thermosetting phenolic resin, (2) applying to both sides of said core face sheets of asbestos sheet material coated and impregnated with an ortho-phosphoric acid compound decomposable under heat in the presence of asbestos to ortho-phosphoric acid, and (3) molding the assembly obtained in (2) under pressure and at a temperature of from about 125° to 165° C. to unite the laminations of said core to each other and to the face sheets.

2,439,668
PUMP OR COMPRESSOR
Arthur Alexander Mercer, Colchester, England, assignor of ten per cent to Bernard Mason, Colchester, England
Application April 3, 1944, Serial No. 529,293
In Great Britain April 21, 1943
6 Claims. (Cl. 103—162)



1. In a pump of the kind comprising a closed cylindrical casing having diametrically opposed inlet and delivery ports at its medial plane, a rotor in the casing having a plurality of cylinders extending therethrough parallel to its axis of rotation, and a port extending radially outwards from each cylinder to register periodically with the said inlet and delivery ports, a shaft for driving the rotor, and a pair of opposed plungers reciprocable in each of the said cylinders as the rotor rotates; the combination of means for positively and mechanically displacing the opposed plungers on both their outward and inward strokes, said means comprising two normally stationary end rings each presenting a circular cam track, and portions at the outer ends of the opposed plungers shaped to embrace the said tracks; and means for varying the delivery by partially masking the rotor ports comprising a shaft screw-threaded in the pump casing, and a head on the shaft engaging a counterbore in the rotor whereby the rotor is axially displaced by turning the said shaft.

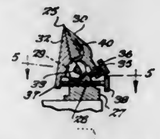
2,439,669
CHLORINATED METHYLPOLYSILOXANE RESINS
Birger W. Nordlander, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
No Drawing. Application May 5, 1945, Serial No. 592,292
6 Claims. (Cl. 260—46.5)

1. The process of improving the craze-resistance of a methylpolysiloxane resin which comprises passing chlorine into a solution of a methylpolysiloxane resin having a methyl-to-silicon ratio greater than 1 and less than 2 in an inert solvent and at reflux temperatures until the chlorine-to-methyl ratio of the chlorinated resin is between 0.2 and 0.4 the said passage of chlorine taking place under the effect of ultraviolet radiations.

2,439,670
PROCESS FOR REMOVING ACID COMPONENTS FROM ORGANIC LIQUIDS
Johan C. D. Oosterhout, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Application August 23, 1945, Serial No. 612,292
13 Claims. (Cl. 196—30)

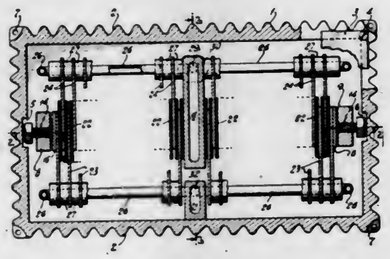
1. The process of separating weakly acid-reacting compounds from a non-acid water-insoluble organic liquid in which they are dissolved and which is substantially inert toward caustic alkali under the conditions of the process, comprising extracting said water-insoluble organic liquid with an aqueous alkaline solution of a salt of an alkyl substituted mono-nuclear aromatic mono-carboxylic acid of the benzene series, under conditions to absorb at least a portion of said weakly acid-reacting compounds in the aqueous solution.

2,439,671
KNIFE HOLDER FOR MICROTOMES
Harvey N. Ott, Buffalo, N. Y.
Original application February 16, 1944, Serial No. 522,608. Divided and this application November 1, 1944, Serial No. 561,412
5 Claims. (Cl. 88—40)



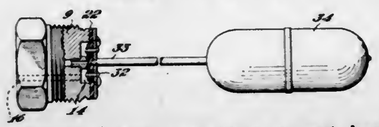
2. A knife holder for a microtome including a base having a pair of knife supporting levers mounted thereon to swing about a common pivot, each of said levers having an arm formed to engage one face of the knife and another arm, a pair of screws cooperating with said other arms of said levers and said base, whereby the levers may be swung about their pivots into engagement with opposite faces of the knife and also swung about said pivots to support said knife in different angular relations to said base.

2,439,672
ELECTRICAL CONDENSER
Wesley M. Roberds, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application March 31, 1944, Serial No. 528,981
9 Claims. (Cl. 175—41)



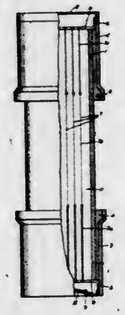
1. An electric condenser comprising a casing containing oil, a plurality of solid dielectric sheets, a plurality of electrodes of greater area than said dielectric sheets positioned each side thereof, said electrodes being interleaved alternately and extending beyond an edge of each one of said dielectric sheets to form a condenser stack within said casing, a hollow metallic cooling body having two hollow portions, said hollow metallic cooling body being located in the central portion of said condenser stack, a liquid cooling means including a fluid conduit in fluid communication with each hollow portion of said hollow metallic body and in thermal contact with each one of said electrodes to cool said condenser by the circulation of a liquid.

2,439,673
AIR VOLUME CONTROLLER
Charles G. Roper, Fairfield, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y., a corporation of New Jersey
Application June 12, 1944, Serial No. 539,836
10 Claims. (Cl. 137—68)



1. A valve device comprising a part having therein a fluid flow passage terminating in an annular valve seat, a flexible, elastic diaphragm normally disposed in a plane substantially perpendicular to the axis of the valve seat, a portion of the diaphragm protruding from its general plane to constitute a valve head, said valve head being normally held in fluid-tight engagement with the seat by the elastic tension of the diaphragm, and means operative to flex the diaphragm transversely about a line approximating a chord of the diaphragm spaced from its axis thereby to rock the valve head away from the seat.

2,439,674
CURRENT LIMITING FUSE
Carl L. Schuck, Drexel Hill, Pa., assignor to General Electric Company, a corporation of New York
Application October 17, 1944, Serial No. 559,062
2 Claims. (Cl. 200—120)

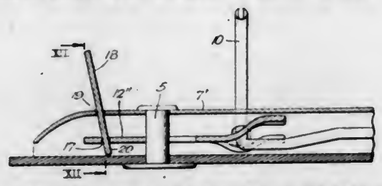


1. A current limiting fuse comprising, in combination, a casing, a fusible element mounted in said casing having a diameter between about 10 and 30 mils and an inert granular arc quenching siliceous material within said casing embedding said fusible element, substantially all of said material including a mixture of all the grain sizes that will pass through a 115 mesh screen and be held on a 170 mesh screen.

2,439,675
LOOSE-LEAF BINDER
Samuel Segal, New York, N. Y., assignor to Wilson-Jones Company, Chicago, Ill., a corporation of Massachusetts
Application August 21, 1944, Serial No. 550,335
2 Claims. (Cl. 129—24)

2. In a loose leaf binder, a pair of rockable frame members having a toggle connection at each end, said frame members terminating in ring sections, and a slidable member having one finger engaging both said frame members on one surface of one of said toggle connections and a

pair of fingers, each engaging the opposite surface of one of said ring sections adjacent said toggle connection, said first mentioned finger being shaped to move said ring sections to closed position when said slidable member is slid to-



wards said frame members and to hold said ring sections interlocked when said slidable member is in its innermost position, and said second mentioned fingers being shaped to open said ring sections when said slidable member is moved longitudinally away from said frame members.

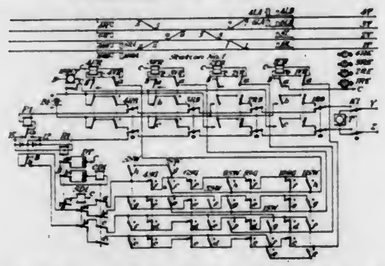
2,439,676

INTERLOCKING LINE-CIRCUIT RAILWAY TRAFFIC CONTROLLING APPARATUS

Warren W. Seitz, Wilkinsburg, Pa., assignor to The Union Switch and Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application September 6, 1945, Serial No. 614,674

9 Claims. (Cl. 246—134)



1. Traffic direction locking apparatus for a stretch of railway track having a signal at each end for governing traffic movements into said stretch, a two position traffic lever and a traffic relay of the stick polar type at each end of the stretch, a circuit controlled by each traffic lever for operating the associated relay between its normal and reverse positions, the circuit for one traffic relay being also controlled by a contact of the other traffic relay closed in its reverse position and the circuit for said other traffic relay being controlled by a contact of said one traffic relay closed in its normal position, a circuit for clearing one signal controlled by a contact of said one traffic relay closed only in its reverse position, and a circuit for clearing the other signal controlled by a contact of the other traffic relay closed only in its normal position.

2,439,677

COATING COMPOSITION COMPRISING A VINYL HALIDE RESIN AND A HYDROXY POLYCARBOXYLIC ACID

Carl L. Shapiro, Crafton, Pa., assignor, by mesne assignments, to Lynnwood Laboratories, Inc., Newark, N. J., a corporation of New Jersey

No Drawing. Application July 31, 1942, Serial No. 453,056

13 Claims. (Cl. 260—41)

1. A coating composition which comprises a vinyl halide resin and a solvent and having incorporated therewith a hydroxy polycarboxylic acid in quantity sufficient to resist substantially blackening of the coating when the composition is baked on a surface selected from the class consisting of iron, zinc, and tin surfaces.

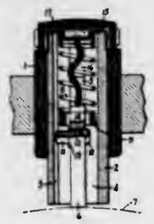
2,439,678

CURRENT COLLECTOR CONTACT MEMBER

Charles A. Thomas, Fort Wayne, Ind., assignor to General Electric Company, a corporation of New York

Application December 11, 1945, Serial No. 634,305

4 Claims. (Cl. 171—323)



1. A current collector contact member adapted for longitudinal movement in a brush holder having a contact member slot therein with a longitudinally extending groove in a transverse side of said slot, said contact member having resilient means affixed thereto and arranged in engagement with the side of said groove for biasing said contact member against a side of said slot whereby chatter of said contact member is reduced.

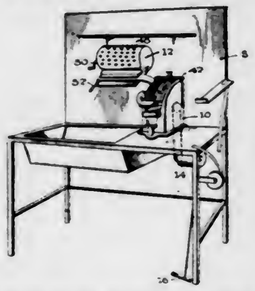
2,439,679

MEANS FOR PREVENTING DUPLICATION OF MARKS ON LAUNDRY

Willie Silverman, Jacksonville, Fla.

Application September 28, 1944, Serial No. 556,197

3 Claims. (Cl. 101—95)



3. The combination with a laundry list printing machine having a totalizing arm, a laundry marking machine having a plurality of individual settable key levers movable in parallel paths, and an electric motor for operating the marking machine, said motor being in circuit with a source of electric power, of switch means connected in the motor circuit and arranged to be opened by actuation of the totalizing arm of the list printing machine, a handle pivoted to the marking machine and having a portion constructed and arranged to move said key levers simultaneously to neutral position, and an additional switch connected in circuit with the motor and with the switch means associated with the totalizing arm, said additional switch being constructed and arranged to be closed by movement of the pivoted handle to the key lever neutralizing position, and thereby closing the portion of the motor circuit comprising said additional switch.

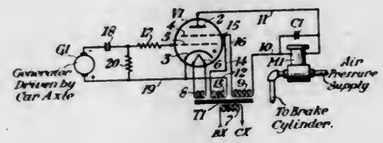
2,439,680

CONTROL CIRCUITS FOR VACUUM TUBES

Carl Volz, Penn Township, Allegheny County, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application April 4, 1944, Serial No. 529,458

7 Claims. (Cl. 250—27)



1. In combination; a vacuum tube having an anode, a cathode and a first and a second grid; a load element, a power source of energy, a bias source of energy, said power energy source connected between a terminal of said anode and a terminal of said second grid and said bias energy source connected between a terminal of said second grid and a terminal of said cathode to form a series circuit between said anode and cathode, said power energy source and said bias energy source disposed and proportioned to provide a preselected conductive condition of the tube and which condition is checked by said series circuit, said load element interposed in said series circuit to be energized according to the current flowing in said series circuit as determined by the conductive condition of said tube, and a control source of energy connected between a terminal of said first grid and said cathode terminal to at times modify the preselected conductive condition of said tube.

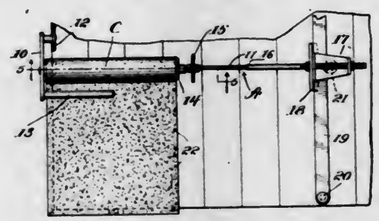
2,439,681

APPARATUS FOR LAYING ROLL ROOFING

Ezra W. Ankney, Acme, Pa.

Application February 16, 1945, Serial No. 578,327

4 Claims. (Cl. 242—90)



1. An apparatus of the kind described, comprising a carriage for a roll of roofing material, an axle section journalled medially of said carriage at right angles thereto for supporting the roll while said material is fed outwardly of said carriage on movement of the carriage, a guide track for the carriage remote from said carriage, and in parallel relation therewith, an extension on said axle section, and means mounted on the extension of said axle section for guiding the carriage on the track.

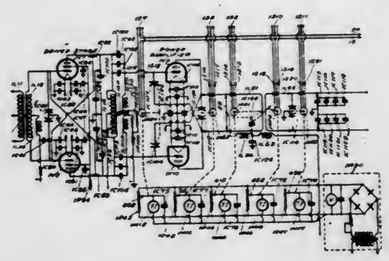
2,439,682

HIGH-FREQUENCY APPARATUS

Thomas James Boerner, Collingswood, and John W. Sanborn, Merchantville, N. J., assignors to Radio Corporation of America, a corporation of Delaware

Original application June 17, 1943, Serial No. 491,164. Divided and this application November 17, 1944, Serial No. 563,878

3 Claims. (Cl. 315—38)



1. In high frequency apparatus, a pair of vacuum tubes each having an anode and supported so as to have their longitudinal axes substantially parallel, a pair of condenser plates hingedly mounted upon the anode structures of said tubes, a slotted bracket and a screw threaded nut for fixing the position of said hinged plates in desired position with reference to said anode structures, a third condenser plate electrically cooperating with said pair of hinged condenser plates, and motor driven cam mechanism for controlling the positioning of said third plate with respect to said pair of condenser plates hingedly mounted upon said anode structures.

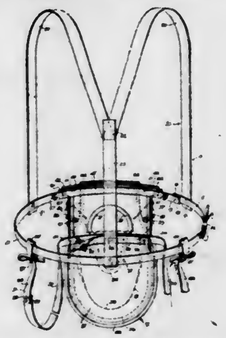
2,439,683

SANITARY RECEPTACLE AND SUPPORTER

Ernest N. Broderick, Detroit, Mich.

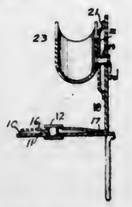
Application September 14, 1946, Serial No. 697,041

11 Claims. (Cl. 128—295)



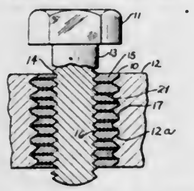
1. A sanitary receptacle comprising a body-encircling belt, an outer flexible waterproof bag connected to and depending from said belt, and an inner flexible bag within said waterproof bag arranged to receive liquid-absorbing material, said inner bag having an organ-receiving aperture in the inner wall thereof, one of said bags having its opposite side edges open, and separable fasteners disposed between said open edges for releasably closing said open edges.

2,439,684
SPRINKLING HOSE SUPPORT
Charles B. Day, Colorado Springs, Colo.
Application November 18, 1946, Serial No. 710,530
2 Claims. (Cl. 248—85)



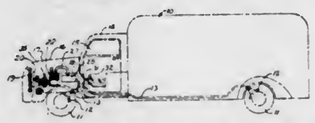
1. A sprinkler hose support comprising, in combination, a horizontal plate having a plurality of legs projecting from its under surface for insertion into the ground, the plate having a central opening for the reception of a pivot, a supporting bracket formed from a metal plate having two right angularly related sections, each section having an opening for a pivot, one of said sections being concave on its under surface and rests on the plate, means comprising a pivot pin for rotatably interconnecting the bracket with the plate, a spherically concave disk pivotally connected with the vertical side of the bracket, and a hose supporting trough secured to said disk.

2,439,685
THREAD INSERT
Howard J. Findley, Shaker Heights, Ohio, assignor to Eaton Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application September 30, 1943, Serial No. 504,393
6 Claims. (Cl. 85—32)



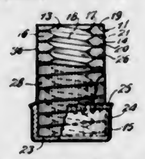
1. An insert of the character described, comprising a bushing formed merely of helically wound flat wire and having adjacent convolutions brazed together and also having a helical thread cut in at least one surface thereof, the pitch of the thread being different than the pitch of the helically wound wire.

2,439,686
DRIVE FOR AIR COMPRESSORS
Howard J. Findley, Chardon, Ohio, assignor to Eaton Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application August 24, 1944, Serial No. 550,961
2 Claims. (Cl. 230—15)



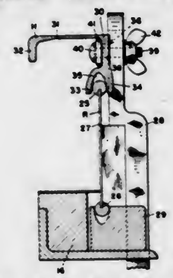
1. A compressor system for a motor vehicle having a variable speed internal combustion driving engine provided with an ignition circuit and a power take-off, comprising a compressor adapted to deliver gaseous medium under pressure, an electromagnetic coupling connecting said compressor with said power take-off and being operable with continuous slippage while energized, a circuit for energizing said coupling, a switch device controlling said circuit and adapted to be actuated automatically in response to variations in the pressure of said medium on the delivery side of the compressor, and a second switch device controlling said circuit and serving also as the ignition switch for said engine.

2,439,687
MOLD-IN THREAD INSERT
Howard J. Findley, Chardon, Ohio, assignor to Eaton Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application August 26, 1944, Serial No. 551,335
3 Claims. (Cl. 85—32)



2. As an article of manufacture a thread insert in the form of a preformed unitary member consisting of a bushing formed of wire having opposed substantially square and beveled edges, said wire being helically coiled with its beveled edge providing a preformed thread in the bushing and its square edge providing a substantially cylindrical exterior on the bushing, the adjacent convolutions of the bushing being connected together by brazing or the like and said square edge of the wire having serrations thereon providing said exterior of the bushing with a roughened surface characteristic.

2,439,688
HANDRAIL AND REED HOLDER
Albert A. Gordon, 3rd, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application October 17, 1946, Serial No. 703,811
5 Claims. (Cl. 139—188)



1. A combined hand rail and reed holder for a loom lay having lay swords, said rail and holder being an elongated member having a vertical web the lower end of which is divided to form front and back walls defining a reed receiving groove, the rear wall extending behind said web and the ends of the member being provided with flat rear surfaces for attachment to the lay swords, said rear wall having a shoulder adjament to the associated flat surface to engage the corresponding lay sword.

2,439,689
METHOD OF RENDERING GLASS WATER REPELLENT
James Franklin Hyde, Corning, N. Y., assignor to Corning Glass Works, Corning, N. Y., a corporation of New York
No Drawing. Application June 11, 1943, Serial No. 490,517
2 Claims. (Cl. 117—124)

2. The method of treating glass which comprises dissolving an alkyl silicon trichloride, in which the alkyl radical is one which contains 7 or more carbon atoms in a volatile solvent to form a dilute solution thereof, applying the solution to the surface of the glass, removing the glass from contact with the body of the solution, and thereafter heating the glass at a temperature of at least 110° C. but below the decomposition point of the alkyl silicon trichloride, whereby to render the glass water repellent.

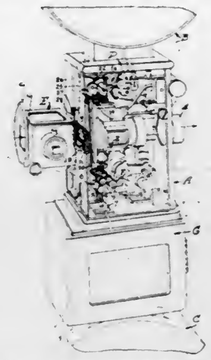
2,439,690
FURNITURE
Raymond E. Lippenberger, Alexandria, Va.
Application March 22, 1943, Serial No. 480,071
10 Claims. (Cl. 155—194)



1. The herein described method of forming an article of furniture in one piece, which consists in taking a rectangular sheet of metal, cutting the sheet lengthwise from each of two opposite edges along lines adjacent to and paralleling the other opposite edges, to points approaching the transverse center of the sheet to form four leg strips, then bending the leg strips to arrange the two strips adjacent to each of the said other sides of the sheet in divergent relation to form a pair of legs, the portion of the sheet lying between the pairs of legs forming a body support, and then bending back and under a part of the said body support forming portion to a position between the adjacent pair of legs to form an apron, and securing edges of the apron to the adjacent legs.

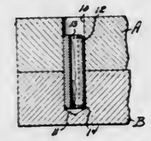
2,439,691
FILM CONTROL FOR AUTOMATIC SHUTTER ON MOVING PICTURE PROJECTOR
Lloyd Mannon, San Francisco, Calif.
Application February 25, 1946, Serial No. 650,009
6 Claims. (Cl. 88—17)

1. The combination with a moving picture projector including an opening past which a film is intermittently moved, a source of light rays directed through the opening for projecting pictures from the film onto a screen, a fire shutter for closing the opening for protecting the film from the light rays, and governor controlled means actuated by the moving picture projector mechanism for opening the fire shutter when the mechanism attains a predetermined speed and for automatically closing the shutter when the mechanism drops below this speed or stops; of auxiliary means actuated by the speed of the film moving through the projector for keeping the shutter closed until the film has reached the required speed for safety, whereupon the means permits the shutter to be opened by the



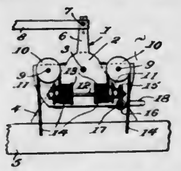
governor means, and for closing the shutter automatically should the film slow down below a predetermined speed or should the film break.

2,439,692
DOWEL PIN
Frank W. McKay, Charlestown, Ind.
Application December 7, 1945, Serial No. 633,434
1 Claim. (Cl. 20—92)



A dowel joint comprising parts adapted to be secured together by a dowel, one of said parts having a blind hole therein and a sump in its bottom end, and the other of said parts having a hole therein for receiving a dowel, a dowel pin tightly fitted within the parts with one end free of the hole sump of the one part, said dowel pin having a center bore in fluid communication with the sump of the one part whereby for the removal of the dowel pin from the one part, fluid under pressure may be extended through the dowel pin and into the sump to create a back pressure from the dowel pin and effect its removal.

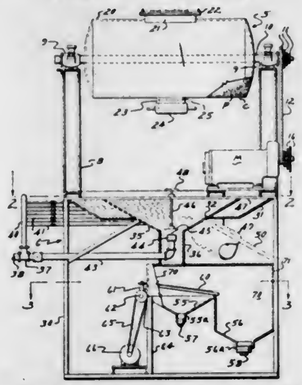
2,439,693
DRIVE FOR PUMPS
Herbert L. Poston, Kalispell, Mont.
Application April 22, 1944, Serial No. 532,308
2 Claims. (Cl. 74—108)



1. A drive mechanism comprising a base, supports extending upwardly from said base in transverse spaced relation to each other, a shaft extending between and carried by said supports, a walking beam between said supports consisting of side plates pivotally mounted by said shaft and

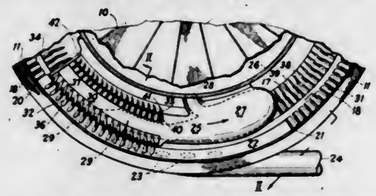
spaced transversely from each other, bearings between said side plates, a shaft rotatably mounted through said bearings and extending longitudinally of the walking beam, drums carried by said rotatable shaft, pulleys rotatably mounted between said side plates near opposite ends of the walking beam and disposed above said drums, and cables wound upon said drums and extending upwardly therefrom and trained about said pulleys and then extending downwardly for connection with two pivotally connected reciprocating mechanisms.

2,439,694
SEPARATION OF MERCURY BY HYDRAULIC CONCENTRATION AND SCREENING
Harry M. Robertson, Los Angeles, Calif., assignor to Turco Products, Inc., Los Angeles, Calif., a corporation of California
Application October 6, 1944, Serial No. 557,401
1 Claim. (Cl. 241—20)



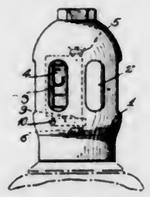
The method of separating heavy metallic particles from a concentrate containing oil, rock and metal which comprises grinding the concentrate in the presence of a soap to cleanse and remove the oil from the concentrate particles, subjecting the cleaned particles to a swirling body of water in a container until the lighter particles are washed over the edge of the container and then removing the metallic particles from the bottom of the container by screening them under water.

2,439,695
COMBUSTION GAS TURBINE
Charles F. Rocheville, West Los Angeles, Calif.
Application March 21, 1944, Serial No. 527,393
5 Claims. (Cl. 60—41)



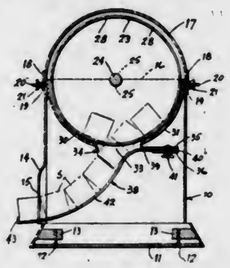
1. In a gas combustion turbine which includes a housing forming a toroidal passage and a combustion chamber rotatable throughout said passage and provided with a gas outlet port on its periphery, the combination of a trailing member for said combustion chamber, a plurality of rows of vanes extending around said member, said toroidal passage having a plurality of rows of vanes coacting with said vanes on said trailing member to form a tortuous passage for combustion gases from said outlet port into said toroidal passage to produce rotation of said combustion chamber.

2,439,696
CYLINDER CAP
Alvin H. Schaal, Butte, Mont.
Application August 26, 1946, Serial No. 693,080
2 Claims. (Cl. 116—130)



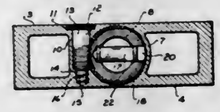
1. In an indicating device for cylindrical gas containers having threaded bosses at the ends with valves positioned in said bosses, a cap having a pair of windows in one side thereof adapted to be positioned over the valve and threaded on the boss of a cylinder, a flag pivotally mounted in the casing between the windows, and means holding the flag in either of two positions with the flag behind one window in one position, and behind the other window in the other position.

2,439,697
DEVICE FOR DISPENSING LUMP SUGAR
Laurie John Scott, Chilliwack, British Columbia, Canada
Application October 23, 1946, Serial No. 705,085
7 Claims. (Cl. 312—94)



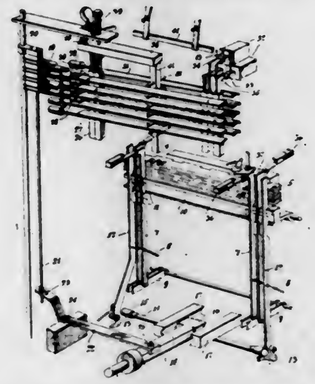
1. A device for dispensing lump sugar, comprising a casing for resting on a table or other object and having an open top and a lump sugar dispensing opening at the bottom of one of its side walls, a cover removably engaged on the top of said casing for closing said open top, a drum for holding lump sugar and having an axial shaft rotatively mounted across the open top of said casing and being provided with a large opening in one side wall by which it may be filled with lump sugar and being also provided with a plurality of peripheral openings of sizes which will permit one lump of sugar to freely pass through each opening at one time, a knob on said shaft for turning said drum, baffles mounted in the top portion of said casing and extending along the sides of said drum for covering certain of said peripheral openings and forming a throat passage at the bottom of said drum for lump sugar to pass through, and a lump sugar holding chute extending from said throat passage to said sugar dispensing opening.

2,439,698
LEVEL
Saul Shaler, Jackson Heights, Long Island, N. Y.
Application April 11, 1946, Serial No. 661,425
2 Claims. (Cl. 33—214)



1. A level comprising a frame having therein a circular chamber provided with a frusto conical seat, a spirit level carrier positioned within said chamber and having a frusto conical hub coaxial with and rotatably bearing against said seat, a graduated dial annulus overlying the face of the carrier distant from said seat and secured to the frame to hold the frusto conical hub of the carrier in engagement with said seat, the periphery of the carrier being toothed, an adjusting worm screw mounted to turn in the frame and meshing with the teeth of the carrier to rotate the latter, and an indicating pointer on the carrier cooperating with the graduations on the dial annulus.

2,439,699
CONTROLLER
John H. Smoot, Darien, Conn., assignor to Trans-Lux Corporation, New York, N. Y., a corporation of Delaware
Application May 3, 1945, Serial No. 591,645
4 Claims. (Cl. 177—353)



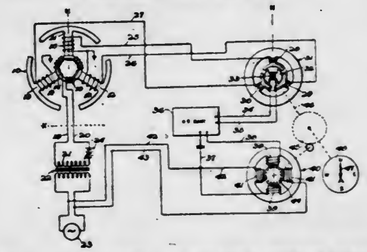
2. A controller including in combination a group of movably mounted, notched permutation bars, a group of drop-in bars movably mounted to be extendable into the notches of said permutation bars, means for shifting those drop-in bars which are so extended, a group of switches to be actuated by the shifting of said drop-in bars, code bars movably mounted and connected with said switches to operate the latter and power multiplying means connecting said code bars with said drop-in bars whereby the movement of said code bars will produce sufficient power to operate the switches connected therewith.

2,439,700
HAT
Gerald H. Simon, San Francisco, Calif.
Application October 15, 1945, Serial No. 622,257
1 Claim. (Cl. 2—175)



A crown for a hat made up of a plurality of substantially triangular-shaped sections whose adjacent edges abut each other, the inner and outer surfaces of each section being arranged flush with the inner and outer surfaces, respectively, of the adjacent sections to preserve continuity of the inner and outer surfaces of the crown, flexible strips underlying the crown and covering each line of abutment defined by the sections, and rows of stitching paralleling the lines of abutment and placed close to the lines for securing the sections together in abutting relation, said flexible strips being grosgrain ribbon, whereby the sections may be folded with respect to each other along the lines of abutment and the transverse ribs of the grosgrain ribbon permits slight bending or folding of the sections along lines paralleling the transverse ribs to give the crown greater flexibility.

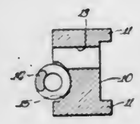
2,439,701
INDUCTION SYSTEM
Alfred A. Stuart, Jr., Hasbrouck Heights, N. J., assignor to Bendix Aviation Corporation, Teterboro, N. J., a corporation of Delaware
Application September 2, 1944, Serial No. 552,475
8 Claims. (Cl. 33—204)



1. In combination, controlling means comprising an inductive device having a stator winding and a rotor winding, one of said windings being polyphase and the other being single phase, a two phase alternating current motor connected to angularly displace the rotor winding of said inductive device and having a winding in each phase, a source of alternating current connected to energize the winding of one phase of said motor, a magnetic induction device comprising a relatively stationary core of permeable magnetic material adapted to be traversed by a magnetic flux from an external magnetic field and having a polyphase winding and an energizing winding thereon, means connected to said energizing winding and interposed between said alternating current source and said induction device to supply said energizing winding with an undulating unidirectional current to vary the reluctance of said core whereby an alternating current having the same frequency as the frequency of the alternating current from said source is generated in the polyphase winding of said core member by the mag-

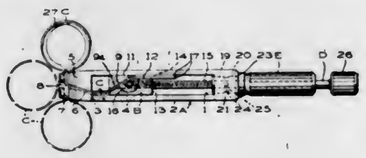
netic flux traversing said core member, means connecting the polyphase winding of said induction device to the polyphase winding of said inductive device, and means connecting the single phase winding of said inductive device to energize the winding of the other phase of said motor whereby the latter operates to angularly displace the rotor winding of said inductive device upon relative angular movement between the core of said induction device and said external magnetic field.

2,439,702
PISTON RING
Ralph R. Teetor, Hagerstown, Ind., assignor to The Perfect Circle Company, Hagerstown, Ind., a corporation of Indiana
Application February 9, 1945, Serial No. 576,988
1 Claim. (Cl. 309—45)



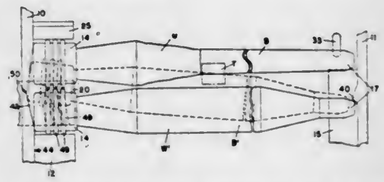
A one-piece ring for a reciprocatory piston, having an oil-collecting groove in its outer periphery providing a pair of axially spaced flanges for reciprocating engagement with the cylinder wall, a spring-receiving groove in its inner periphery offset toward one side of the ring but located within the axial space between said flanges, a coiled spring seated in said inner groove, and a plurality of radial oil-conducting slots for connecting said oil-collecting groove with the ring-receiving groove in the piston, said slots being located within the axial space between said flanges but offset toward the other side of the ring to avoid centering of said slots in said inner groove whereby oil may pass freely through said slots without inteference by said spring and the spring-seating portion of the inner groove is uninterrupted.

2,439,703
MATRIX RETAINER
Benjamin F. Toffiemire, La Fayette, Calif.
Application June 18, 1946, Serial No. 677,577
10 Claims. (Cl. 32—63)



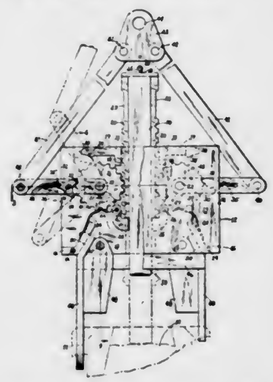
1. A matrix band retainer comprising a frame, a matrix band end gripping block slidable along the frame, said frame having a slotted head for permitting the ends of a band forming a conical tooth-receiving matrix to be threaded therethrough to permit the matrix to extend from the end of the head or from either side thereof, means for securing the band ends to the block, and means for moving the block along the frame for contracting the matrix about the tooth.

2,439,704
BOBBIN CONTROL FOR WEFT REPLENISHING MECHANISM
Richard G. Turner, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application February 25, 1947, Serial No. 730,788
10 Claims. (Cl. 139—251)



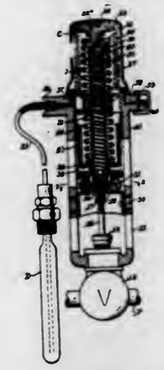
6. In a reserve bobbin magazine for a loom in which bobbins move downwardly along butt and tip guideway toward a transfer position, a stop in the tip guideway, a recess in the butt guideway extending in a direction away from the stop, and bobbin butt guide means causing a bobbin butt moving therealong to enter said recess and cause longitudinal movement of the bobbin to effect removal of the tip thereof from the stop.

2,439,705
HOT TOP STRIPPER
Walter W. Urmetz, Parma, Ohio, assignor to The Ferro Engineering Company, Cleveland, Ohio, a corporation of Ohio
Application August 24, 1944, Serial No. 551,008
3 Claims. (Cl. 22—95)



1. In a hot top stripper, a housing, a plunger vertically slidable therein adapted to bear at its lower end against a sinkhead, a rack on said plunger, a gear journaled in said housing meshing with said rack, a lever arm pivotally mounted to turn about the axis of said gear, a pawl on said arm adapted to engage the teeth of said gear for operatively connecting the lever arm to the gear during the upward motion of the arm, while permitting the arm to move downwardly, independently of the gear, means carried by the housing for engagement with the hot top to exert a lifting force thereupon in opposition to the said plunger depressing force, and a knockout for said pawl at the upper limit of motion of said lever arm, leaving said gear free to turn in response to movement of said plunger.

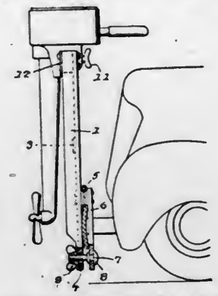
2,439,706
TEMPERATURE CONTROLLED ACTUATING MECHANISM
Charles A. West, Southbridge, Mass.
Application February 23, 1946, Serial No. 649,643
3 Claims. (Cl. 236—99)



1. Mechanism for moving a valve under control of a fluid-filled device which is responsive to temperature changes, said valve-moving mechanism comprising a frame, a casing, a bellows member fixed at its lower end to said casing and fixed at its upper end to a cap movable longitudinally of said casing on compression or expansion of said bellows member, said casing, bellows member and cap defining an enclosed space exterior to said bellows member and in communication with said fluid-filled device, a thrust member engaging and depressible by said cap, a tube depending from said thrust member and operatively connected to the valve to be moved, a guiding support adjustably secured in said frame and in which the lower end of said tube is freely slidable, a spring-centering guide member freely slidable on the middle portion of said tube, a coil spring loosely encircling said tube and interposed between said thrust member and said guide member, and a second coil spring also looscly encircling said tube and interposed between said guide member and said tube-guiding support, and said two springs being centered and held clear of said tube by portions of said thrust member, said guide member and said tube-guiding support which project within the end portions of said springs.

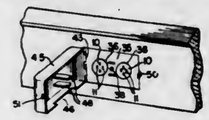
2,439,707
AUTOMOBILE BUMPER SUPPORT FOR OUTBOARD MOTORS
Roger E. Wright, San Antonio, Tex.
Application July 18, 1946, Serial No. 684,526
1 Claim. (Cl. 224—29)

A rack adapted to be attached to an automobile bumper for carrying an outboard motor comprising a pair of parallel L-shaped members, an upper cross bar adapted to receive and support an outboard motor secured to corresponding portions of one end of each L-shaped member, the opposite end of each L-shaped member being provided with an aperture, a lower cross bar secured to corresponding portions of said L-shaped members intermediate the ends thereof and substantially parallel to said upper cross bar, movable arms overlying said L-shaped members, a hinge means anchored to each L-shaped member intermediate the apertured end of the same and said lower cross bar and attached to one end of each said arm, bolts attached to the opposite ends of said arms and



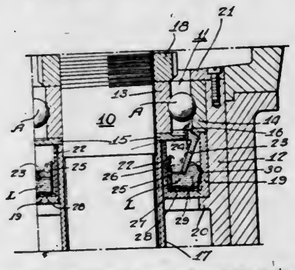
adapted to extend through the apertures of said members.

2,439,708
ELECTRIC OUTLET
Hans A. Abraham, Philadelphia, Pa.
Application March 10, 1947, Serial No. 733,677
6 Claims. (Cl. 200—50)



1. In an electric outlet, a receptacle having a body portion with openings for the reception of a pronged plug, a cover for said receptacle, said body portion having a conductor strip extending to one of said openings, a conductor member, a resilient member normally out of contact with said conductor member, one of said members being electrically connected to said conductor strip and the other being insulated therefrom and having a lead wire connection, and an actuating member carried by said cover for positioning said resilient member in engagement with said conductor member in the closed position of said cover.

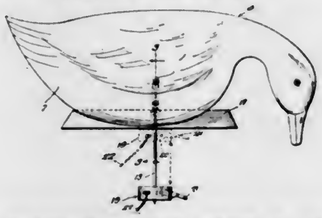
2,439,709
BEARING LUBRICATOR
Charles T. Asbury, Abington, Pa.
Application August 9, 1945, Serial No. 609,775
6 Claims. (Cl. 308—187)



1. Means for lubricating planetary type antifriction bearings for high speed shafts comprising a member secured to the shaft immediately below the bearing and having on its upper face a rib projecting into the space between the races of the bearing, a stationary annular reservoir for liquid lubricant surrounding the shaft below said

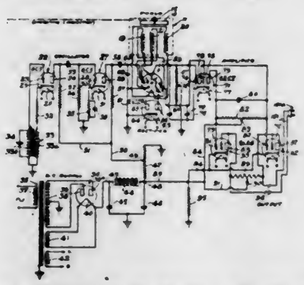
member and an annular downwardly and inwardly extending flange on said member the lower end of which extends into the lubricant in said reservoir, said member having ports to deliver lubricant moving upwardly along said flange to the inner face of said rib, said reservoir having an inner wall formed in two radially spaced sections the space between which is open at its upper and lower ends and has its upper end disposed below the upper end of the radially inner face of said sections.

2,439,710
COLLAPSIBLE WILD FOWL DECOY
William A. Banigan, Redding, Calif.
Application February 9, 1945, Serial No. 577,061
4 Claims. (Cl. 43—3)



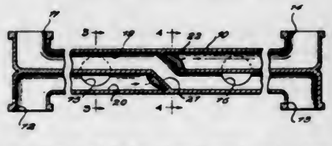
1. A collapsible wild fowl decoy of the class described comprising a foldable body composed of duplicate half-sections movable toward and from each other and hingedly connected together, and a frame pivotally attached to the inner surface of one of said half-sections, the other half-section being provided with keeper clips, said frame being releasably engaged with said keeper clips, and said frame being provided with a depending rod, said rod serving as an anchoring stake.

2,439,711
ELECTRICAL MEASUREMENT OF DISPLACEMENT
Donald E. Bovey, Rockford, Ill., assignor to Woodward Governor Company, Rockford, Ill., a corporation of Illinois
Application June 14, 1943, Serial No. 490,781
8 Claims. (Cl. 177—351)



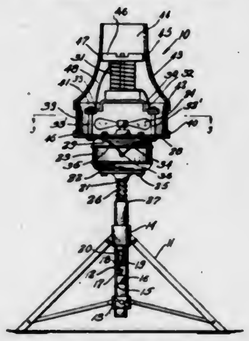
1. In a system for producing an output signal which varies substantially proportionately with changes in a condition, the combination of an electromagnetic pickup device comprising an exciting winding and two secondary windings together with a movable armature for varying the inductive couplings between said exciting winding and respective ones of said secondary windings simultaneously and in opposite senses as said armature is moved in opposite directions from a neutral position, means for moving said armature in response to changes in said condition, means for energizing said exciting winding with alternating current to induce alternating current potentials in said secondary windings, an output circuit, means for separately rectifying prior to amplification the alternating current potentials induced in said secondary windings and means for separately amplifying the direct voltage outputs of the last-mentioned means while maintaining the direct voltage nature thereof and for thereafter applying the resulting amplified direct current potentials to said output circuit in voltage opposition to each other, whereby the net potential in said output circuit is varied in polarity in accordance with the direction of movement of said armature from its neutral position and in magnitude substantially proportionately with extent of such movement of the armature.

2,439,712
PLUMBING FITTING
Clyde H. Brady, Danville, Va.
Application June 11, 1946, Serial No. 675,983
2 Claims. (Cl. 285—210)



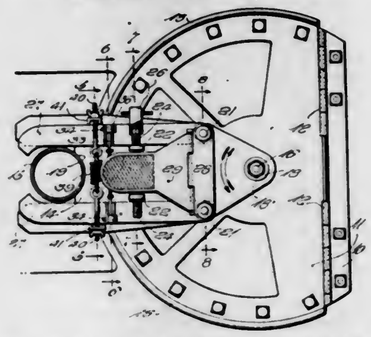
1. A plumbing fitting comprising an elongated body having oppositely disposed discharge openings at each end, said body also having spaced parallel inlet openings intermediate its ends and said body having longitudinal passages establishing communication between oppositely disposed discharge openings at opposite ends of the body and with an inlet opening intermediate the ends of the body whereby fluid entering an inlet opening will be discharged in opposite directions at opposite ends of the body.

2,439,713
AUTOMATIC WARMER FOR MUSICAL INSTRUMENTS
Pasquale Michael Bredice, Middletown, R. I., assignor of fifty per cent to Gordon Lawrence Hubert, Middletown, R. I.
Application November 19, 1945, Serial No. 629,562
7 Claims. (Cl. 219—39)



1. The described device comprising a heater element and a bell mounted thereover to receive the bell of a musical instrument, a blower beneath the heater, a motor for driving the blower, a switch operating connection between the motor and heater actuated by the weight of the instrument being placed on the first bell, a rod supporting the motor and a tube in which the rod slidably seats forming said connection, a spring normally holding the rod from the switch, and said switch mounted within said tube.

2,439,714
ATTACHMENT FOR WELL DRILLING DERRICKS
Henry J. Broers, Powell, Wyo.
Application July 12, 1946, Serial No. 683,017
6 Claims. (Cl. 214—1)



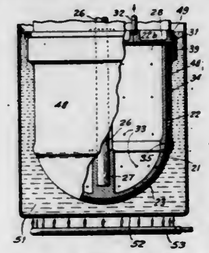
1. An attachment for drilling derricks comprising a suitably mounted base, a stub shaft anchored to the base and projecting thereabove, a carrier plate turnably mounted on the stub shaft, spaced studs having their ends secured in the carrier plate, arms pivotally mounted on the said studs and projecting beyond the edge of the base, clamping jaws pivoted on said studs above the arms, means for adjusting the arms with relation to each other for varying the space between them, means for drawing the jaws into clamping contact with a pipe, and means for forcing the jaws apart.

2,439,715
FLEXIBLE POCKET RECEPTACLE
Douglas J. Broughton, Springfield, Mass., assignor to Buxton, Incorporated, Springfield, Mass., a corporation of Massachusetts
Application February 14, 1945, Serial No. 577,788
3 Claims. (Cl. 150—35)



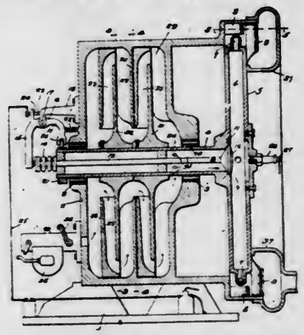
2. A combination billfold and auxiliary receptacle, the latter being detachably secured to the billfold, which comprises, a pocket wall on the face of an end section of the billfold forming a pocket therewith, said pocket being open along two adjacent edges and closed along the other two edges, complementary elements of a snap fastener carried respectively on the inner and outer faces of the outer wall of said pocket, an auxiliary receptacle having a wall member and a closure flap, said member and flap being provided with complementary snap fastener elements engageable with each other to releasably hold the auxiliary receptacle closed when separated from the billfold, the element on said wall member being engageable with the said element on one side of the pocket wall to releasably secure the auxiliary receptacle to the billfold and the element on the closure flap being engageable with the said element on the opposite side of the pocket wall to releasably hold the auxiliary receptacle closed when attached to the billfold.

2,439,716
PROCESS OF FORMING HOLLOW ARTICLES FROM ORIENTED POLYMER
Robert W. Canfield and Fred E. Wiley, West Hartford, and Antone M. Guerreiro, Hartford, Conn., assignors to Plax Corporation, Hartford, Conn., a corporation of Delaware
Application January 27, 1944, Serial No. 519,890
2 Claims. (Cl. 18—59)



1. The process of forming an integral hollow article of oriented polymer having a wall portion and a curved end portion which comprises assembling on a form layers of oriented polymer for the wall portion of the article, then assembling on the form curved layers of oriented polymer for the end portion of the article in overlapping relation to the first-named layers, heating the entire assembly until the layers are coalesced into an integral mass, and restraining the recovery of the layers during such heating to prevent separation of the wall forming layers and the end forming layers.

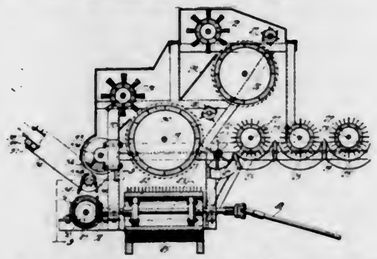
2,439,717
ROTARY GAS ENGINE OF THE REACTION TYPE
Grady Carlyle Cooke, Winston-Salem, N. C.
Application May 31, 1946, Serial No. 673,660
4 Claims. (Cl. 60—41)



1. A rotary engine including a stator, a shaft journaled therein having a compression chamber.

a rotor carried by the shaft and having a combustion chamber, means for supplying an explosive mixture to the stator, cooperating fixed and rotatable means carried by the stator and the shaft respectively for directing said explosive mixture under increasing pressure from the stator to the compression chamber, a valve normally closing communication between the compression chamber and the explosion chamber, and separate means controlled by the rotation of the shaft for intermittently actuating the valve and intermittently exploding the charge in the combustion chamber in properly timed relation.

2,439,718
COTTON CLEANING ATTACHMENT FOR HARVESTERS
Joshua C. Conrad, Oklahoma City, Okla.
Application December 30, 1943, Serial No. 516,201
6 Claims. (Cl. 19—37)

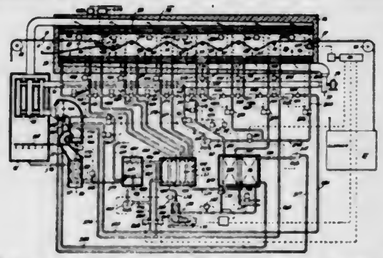


4. A machine for separating field cotton from its trash contents, comprising two groups of cooperative beater cylinders initially receiving and transporting material into said machine, an impaling drum operated above the rearmost of the beater cylinders of each group against which cotton is propelled thereby for removing from the transported material the bulk of cotton for cleaning, a second impaling drum, means for depositing cotton from said first drum onto the top of said second drum for reprocessing, means for receiving material escaping impalement by said first drum and adapted to propel the same along the upgoing side of said second drum to remove cotton from its trash contents, a final cleaning assembly comprising a plurality of parallel beater cylinders operating in foraminous concaves under said second drum, transverse to its axis, and adapted to propel the material in a direction counter to its movement by said latter means, baffles extending upwardly between each of said parallel cylinders and a common means for receiving the separated cotton from the cleaning and separating means.

2,439,719
INCUBATOR
Robert B. P. Crawford, Kansas City, Mo.
Application September 20, 1943, Serial No. 503,067
16 Claims. (Cl. 119—41)

1. An egg incubator comprising a conditioned space, means for transferring eggs through the conditioned space, said means comprising an undulating belt having a plurality of transverse rows of individual egg compartments, each of said rows of compartments being articulated to the adjacent rows, means for circulating fresh air through the conditioned space, and means for preventing any portion of the air being circulated through the conditioned space from contacting more than one egg.

10. In an incubator, an incubating chamber, an endless belt having a portion thereof passing through the chamber for transporting eggs therethrough, means for maintaining proper conditions of temperature and humidity throughout the various portions of the incubator, means for causing a continuous circulation of fresh conditioned air upwardly through the belt and past the eggs for maintaining the air surrounding the eggs in a pure condition, means for automatically causing the removal of nonfertile eggs from the belt and incubator after a predetermined length of time, and means for sterilizing the belt after leaving the incubating chamber and prior to reentering said chamber.



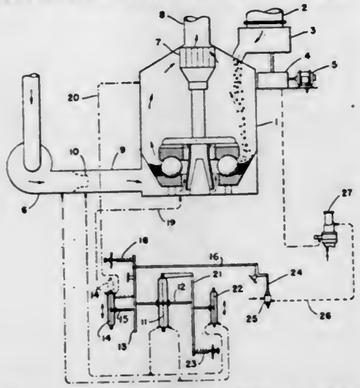
13. In an egg incubator, means for transporting eggs therethrough, a light source adjacent to the path of the eggs through the incubator, a photo-electric cell receiving light from the light source, the photo-electric cell being so arranged with respect to the light source that the eggs move across the path of light to the photo-electric cell, and means operated by the photo-electric cell when it receives sufficient light from the light source for causing removal of the egg permitting the transmission of light from the transporting means.

2,439,720
PROCESS OF PRODUCING SODIUM TETRATHIONATE
Raymond W. Crosley, Hazel Crest, and Albert L. Raymond, Northfield, Ill., assignors to G. D. Searle & Co., Skokie, Ill., a corporation of Illinois
No Drawing. Application August 7, 1942, Serial No. 454,074
3 Claims. (Cl. 23—115)

1. The process of preparing stable sodium tetrathionate powder characterized by a high degree of purity and by substantially less water of crystallization than the commonly known sodium tetrathionate dihydrate crystals, which comprises treating sodium tetrathionate dihydrate crystals with a liquid consisting of an anhydrous organic solvent in which water is readily soluble.

2,439,721
CONTROL SYSTEM FOR FEEDING FUEL TO FURNACES
Paul S. Dickey, Shaker Heights, Ohio, assignor to Bailey Meter Company, a corporation of Delaware
Application April 22, 1941, Serial No. 389,777
3 Claims. (Cl. 110—106)

2. A system for controlling means feeding fuel to a pulverizer through which air is discharged for carrying the fuel to a furnace comprising, in combination, a pivoted lever, means for producing a force in response to the rate of air flow to the pulverizer, means for subjecting said lever to said force, means for producing a second force in response to the rate of flow of air and pulverized fuel leaving the pulverizer, means for imparting said second force to said lever in opposition to said first force, a second pivoted lever, means for producing a third force in response to the rate of steam flow from the furnace, means



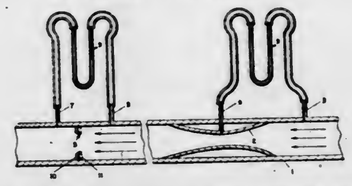
for subjecting said second lever to said third force, means for imparting forces from said second lever to said first lever in opposition to said second force, and means responsive to movement of said first lever for controlling said fuel feeding means.

2,439,722
DRYING APPARATUS
William Dreisel, Lawrence, Mass., assignor to Andrews & Goodrich, Inc., Dorchester, Mass., a corporation of Massachusetts
Application February 24, 1947, Serial No. 730,423
2 Claims. (Cl. 34—159)



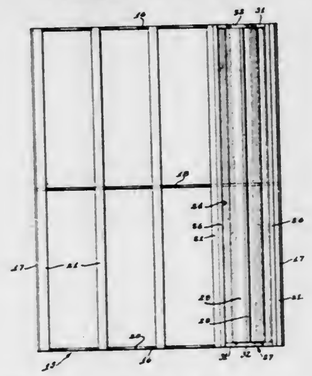
1. An apparatus for drying web material while in a slack, non-tensioned condition, comprising means defining an elongated drying space divided into communicating sections having a zigzag arrangement and located one above another, a plurality of web-supporting rolls in each drying space section on which the web material to be dried is loosely supported, a direction roll at the junction of each two connecting drying space sections around which the web material passes and which feeds the web material from one section to the next, means to rotate positively the supporting rolls in each drying space section, thereby to feed the web material forward, a non-positive driving means for rotating each direction roll whereby the speed thereof automatically adjusts itself to the speed of the web material being delivered thereto, a plurality of downwardly directed nozzles in each drying space section situated above the web material to direct air jets against the upper face thereof, and a plurality of upwardly directed nozzles in each drying space section situated beneath the web material to deliver air jets against the under face thereof, each downwardly directed nozzle being located directly above the supporting roll and each upwardly directed nozzle being situated between two adjacent supporting rolls.

2,439,723
FLOWMETER
Richard B. Engdahl, Columbus, Ohio, assignor, by mesne assignments, to Bituminous Coal Research, Inc., Pittsburgh, Pa., a corporation of Delaware
Application January 12, 1946, Serial No. 640,904
2 Claims. (Cl. 73—196)



1. A meter for measuring the weight rate of flow of solid in a solid-fluid mixture, comprising a conduit, an elongated restriction and an orifice plate arranged in said conduit in spaced relation and both so positioned in said conduit that the solid-fluid mixture passes serially therethrough, and means for measuring the pressure drop across said restriction and said orifice, respectively.

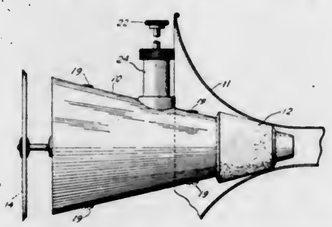
2,439,724
APPARATUS FOR MOLDING PIPE COVERINGS
Hugh P. Finley, Berlin, N. J., assignor to Owens-Illinois Glass Company, a corporation of Ohio
Application July 19, 1945, Serial No. 606,006
7 Claims. (Cl. 25—118)



1. Apparatus for molding pipe covering sections of hemicylindrical form, comprising a hemicylindrical shell, a frame in which the shell is supported with the axis of the shell extending horizontally and the body of the shell below said axis, a cylindrical core of smaller diameter than said shell, semi-annular spacing members having a fixed connection with the core adjacent the ends thereof, said spacing members being seated in said shell and shaped to hold the core in a position concentric with the shell, said shell, core, and spacing members together forming a hemicylindrical mold cavity of which the shell and core form respectively the outer and inner semicylindrical wall surfaces and the spacing members form the end surfaces, the said mold cavity being open between the core and the rim of the shell to receive the molding material, the core and spacing members being free to be lifted as a unit from the shell and the molded article therein.

nism and connected to said switch contacts whereby they close and open the time switch contacts at instants determined by the adjustment of the cam, a master selector switch knob having at least two selector positions, a master switch contact in the control circuit and connected to said knob, a switch element connected in the control circuit in series with said time switch contacts, and a second switch element connected in the control circuit in shunt relation to said time switch contacts, the said switch elements being positioned with respect to the master switch contact so that with said knob in one of said selected positions the master switch contact engages said second switch element to complete the control circuit, and with said knob in another selected position the master switch contact engages said first switch element and does not engage said second switch element, whereby the control circuit is then completed only when the clock mechanism operates to close said pair of time switch contacts, and a disengageable driving element connected to said master switch contact and engaging said clock mechanism to be driven thereby when said master switch contact engages said second switch element, whereby the master switch contact is driven until it disengages said second switch element to open the control circuit and stop the radio receiver.

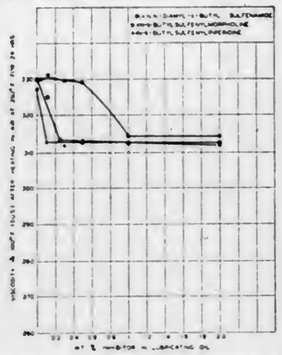
2,439,733
MUTE FOR MUSICAL INSTRUMENTS
Theodore J. Hermes, Stonington, Conn.
Application November 21, 1945, Serial No. 629,988
2 Claims. (Cl. 84—400)



1. A mute for musical instruments comprising a generally conical member adapted to fit within the bell of a musical instrument, a disk-like valve member fitting within the outer end of said conical member, resilient means normally holding said valve in a position to close the outer end of said conical member, means within said conical member for supporting said valve for movement into and out of closed position and manual means to open and close said valve comprising a finger key movable in a direction normal to the direction of movement of the valve, supporting means for said finger key extending laterally from the side of said conical member, and means connecting said finger key and valve supporting means, whereby depressing said key will open said valve.

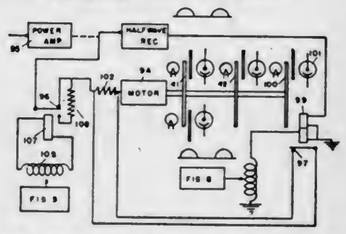
2,439,734
LUBRICATING OIL ADDITIVES
Chester M. Himel and Grant C. Balley, Bartlesville, Okla., assignors to Phillips Petroleum Company, a corporation of Delaware
Application February 11, 1946, Serial No. 646,734
12 Claims. (Cl. 252—47)

1. An improved lubricant comprising a major proportion of a lubricating oil and as an oxidation inhibitor therefor an unsubstituted alkyl sulfenamide, said sulfenamide being present in an



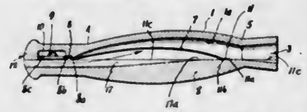
amount ranging from 0.01 to 5 per cent by weight of said oil.

2,439,735
ELECTRICAL CONTROL SYSTEM
John H. Homrighous, Oak Park, Ill.
Original application September 17, 1942, Serial No. 458,612. Divided and this application October 16, 1944, Serial No. 558,932
9 Claims. (Cl. 250—41.5)



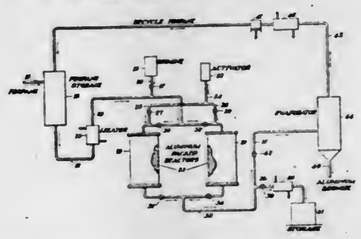
1. In a motor control system, a source of alternating current supply, a motor driven by alternating current from said source, automatic means under the control of the positive polarity pulses of alternating current from said source to change the speed of said motor for adjusting a point on the rotor relative to the positive polarity pulses of the alternating current supply.

2,439,736
ACOUSTIC DEVICE
Hal Horne, New York, N. Y.
Application February 10, 1944, Serial No. 521,816
10 Claims. (Cl. 46—178)



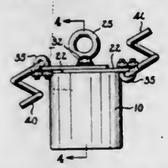
1. An acoustic device comprising a hollow body which has an inlet opening, said body having an internal partition, said body having a pair of internal diaphragms each said diaphragm being connected to said body and being movable relative to said body, each said diaphragm being biased to a normal position in which an edgeportion of each said diaphragm abuts said partition, said partition being located intermediate said diaphragms, said diaphragms and said partition defining an inlet chamber of the hollow space of said body with which said inlet opening communicates, said inlet chamber being wholly enclosed save for said inlet opening when said diaphragms are in their respective normal positions, each said diaphragm being spaced from the inner wall of said hollow body to provide a respective outlet air chamber, said body having outlet means for said outlet air chambers, all said chambers being separated from each other when said diaphragms are in their respective normal positions.

2,439,737
MANUFACTURE OF ALUMINUM BROMIDE
Victor E. Houston and Alex G. Oblad, Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Application March 5, 1945, Serial No. 581,164
11 Claims. (Cl. 23—93)



1. The process of producing aluminum bromide comprising contacting metallic aluminum with a material selected from the group consisting of bromine and hydrogen bromide dissolved in a substantially anhydrous saturated organic solvent in which aluminum bromide is soluble, said material being dissolved in said organic solvent in an amount such that the bromine content of the solution is at least five percent by weight.

2,439,738
ADJUSTABLE CABLE GUIDED MEMBER FOR LIMIT STOP WEIGHTS
Richard B. Hunter, Shorewood, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application November 13, 1943, Serial No. 510,142
17 Claims. (Cl. 16—1)



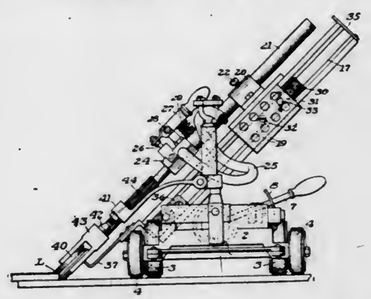
16. An adjustable cable guided device for use with a reset weight of a crane limit stop, said device comprising an adjustable metal support attached to said weight, a pair of metal cable guided members carried by said support, said guided members being bendable through a relatively great distance without damage thereto, each of said guided members comprising a straight rod-like portion and an end loop portion adapted to surround a cable to be associated therewith, the straight portions of said guided members being adjustable with respect to said support in the direction of their respective lengths, and said metal support being adjustable with respect to said weight to provide for extension of said straight portions from said support at any one of a number of different angles with respect to the vertical axis of the associated weight, whereby said loop portions may be jointly positioned at any two points within an area of predetermined width completely surrounding said vertical axis of said weight.

2,439,739
VIBRATION ABSORBING MOUNTING
Carl Hussman, Chicago, Ill.
Application May 17, 1946, Serial No. 670,653
8 Claims. (Cl. 248—21)



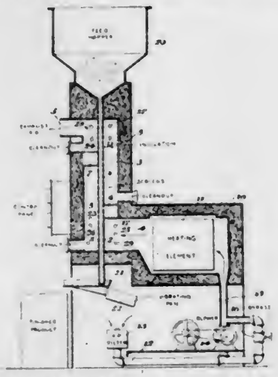
4. A vibration absorbing mounting comprising a machine supporting base, a plurality of vibration absorbing units each comprising a plate provided with a floor-contacting member, suspending means supported by the respective plates for suspending the base above a floor and comprising vibration absorbing elements for absorbing vibrations that tend to travel from the base downwardly through the units, and a vibration absorbing element in each unit arranged to stabilize the respective base-suspending means against the induction of lateral oscillatory movements in the suspending means by horizontally traveling vibratory impulses transmitted to the suspending means from said base.

2,439,740
ARC WELDING APPARATUS
Wallace C. Johnson, Sewickley, Pa., assignor to Dravo Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
Application December 29, 1943, Serial No. 516,026
14 Claims. (Cl. 219—8)



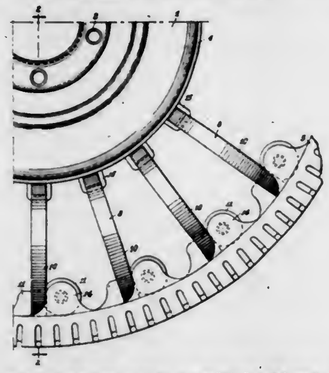
1. Welding apparatus of the type wherein an electrode is traversed along the work with the electrode having a refractory coating which maintains the metal core of the electrode spaced from the work comprising a movable carriage, a guide on the carriage, an electrode holder movable by gravity along the guide, and adjustable friction brake means for retarding the movement of the holder.

2,439,741
PROCESS FOR CONTROLLING DRIER DISCHARGE
Frederick Lucas Litty, Jr., Baltimore, Md., assignor to The Davison Chemical Corporation, Baltimore, Md.
Application April 28, 1943, Serial No. 484,930
2 Claims. (Cl. 34—25)



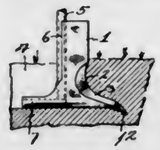
1. A method of activating an oxide gel comprising passing the gel in the form of granules downwardly in a thin, substantially vertical stream and passing a drying gas at an elevated temperature transversely through a lower portion of said stream, passing the gas transversely through a higher portion of said stream, and controlling the flow of gel downwardly through the channel in relation to the temperature of the drying gas after passing through the higher portion of the stream.

2,439,742
DISTORTABLE CIRCLE TIRE
James V. Martin, Paramus, N. J.
Application January 24, 1944, Serial No. 519,442
14 Claims. (Cl. 152—260)



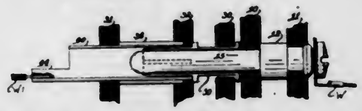
5. In combination with a vehicle wheel rim, a tire including sets of large and small diameter hoops, the said larger hoops arranged to surround the said smaller hoops and positioned in planes substantially transverse thereto and the said larger hoops provided with a road tread for the said tire, the said road tread extending laterally beyond the outermost portions of the said smaller hoops to protect same from curb contacts; the inner portion of each said smaller hoop attached to the said wheel rim.

2,439,743
SUBSOILER AND AERATOR
Samuel M. McEwen, Baltimore, Md.
Application October 30, 1945, Serial No. 625,569
1 Claim. (Cl. 97—78)



An agricultural implement for aerating the earth and forming a slot through the earth, said implement comprising a plow body of uniform thickness, the forward end of said plow body terminating in a downwardly, rearwardly and forwardly extending cutting edge, rearwardly extending bevelled sides in the body member and forming said cutting edge, a tubular member through which air is forced, said tubular member being secured to the rear side of the body member in a vertical channel in the rear of the body member, a heel carried by the body member at the rear lower end thereof and having a rearwardly extending discharge port therethrough, the lower end of the tubular member being disposed in an aperture in the body member where the heel merges into the body member and communicating with the rearwardly extending discharge port.

2,439,744
PLUG AND JACK ASSEMBLY
Eugene L. Mentor, Westminster, Mass., assignor to Simplex Time Recorder Co., Gardner, Mass., a corporation of Massachusetts
Application December 15, 1945, Serial No. 635,295
3 Claims. (Cl. 173—363)



2. A plug and jack assembly comprising a fixed guide sleeve having a rearwardly contracted bore, a jack sleeve slidable in said guide sleeve and having a slotted and inwardly displaced rear end portion, and a plug insertable in said jack sleeve, the rearwardly contracted bore of said guide sleeve forcing the slotted portion of said jack sleeve inwardly and the free end of said plug being rounded and forcing the extreme rear end elements of said jack sleeve outwardly as said plug is fully seated, thereby effecting firm contact of said plug, jack sleeve and guide sleeve, all of which are of conducting materials.

2,439,745
COMPOSITION COMPRISING CAPROLACTAM FOR PRINTING NYLON FIBER
Charles Franklin Miller, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 23, 1946, Serial No. 649,743
8 Claims. (Cl. 8—62)

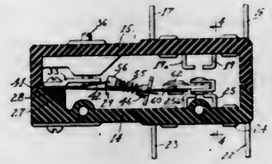
1. In the process of printing nylon fabric with a color from the group consisting of acid and direct dyestuffs, the improvement which consists of applying the color by the aid of a printing paste containing as special assistants caprolactam

and an ammonium salt selected from the group consisting of the neutral and acid ammonium salts of sulfuric, phosphoric and pyrophosphoric acids.

2,439,746
METHOD OF PREPARING MEPACRINE DIHYDROCHLORIDE DIHYDRATE
Arthur George Murray, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application June 16, 1944, Serial No. 540,753. In Great Britain June 16, 1943
8 Claims. (Cl. 260—279)

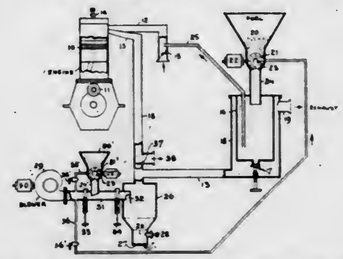
6. A process for producing the dihydrate of 2-methoxy - 6 - chloro-9 - (4' - diethylamino - 1' - methyl - butylamino) - acridine dihydrochloride, which comprises reacting 2-methoxy-6:9-dichloro-acridine with 2-amino-5-diethylamino-pentane in a medium of phenol, adding the reaction mass to a mixture of aqueous caustic soda and an organic solvent selected from the group consisting of ether and benzene, separating the oily phase and treating the same with an aqueous solution of an aliphatic carboxylic acid selected from the group consisting of acetic and formic acids, then treating said aqueous mass with aqueous hydrochloric acid to precipitate the dihydrochloride dihydrate above named, and separating the precipitate from the aqueous mass.

2,439,747
ELECTRIC SWITCH
Royal G. Nelson, Freeport, Ill., assignor, by mesne assignments, to First Industrial Corporation, Wilmington, Del., a corporation of Delaware
Application January 28, 1944, Serial No. 519,983
6 Claims. (Cl. 200—67)



1. The combination in a precision switch of a switch spring having a free end movable in an arc between opposed positions, a contact carrier of insulating material mounted on said free end, a plurality of spaced mobile bridging contacts on said carrier, a plurality of spaced pairs of spaced fixed contacts, each pair being positioned for engagement by one of said mobile contacts to limit the movement of said free end in one direction and thereby define one of said opposed positions, means for mounting each of said mobile contacts on said carrier comprising a U-shaped strap having ends spaced a substantially greater distance than the thickness of said carrier and an intermediate portion extending around the edge of said carrier and a connecting member passing loosely through said carrier to permit tilting of said contact and strap with respect to said carrier under the force of said switch spring, and means for mounting said carrier on said free end comprising a pin passing through said free end and said carrier shaped for movement of said carrier circumferentially of the pin and about an axis transverse with respect to said pin, and means for limiting the circumferential and transverse movement of said carrier.

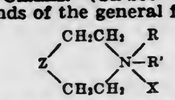
2,439,748
HEAT ENGINE
Frederick Nettel, Manhasset, N. Y.
Application August 5, 1944, Serial No. 548,290
18 Claims. (Cl. 123—179)



1. In a reciprocating internal combustion engine comprising at least one cylinder, a piston reciprocable in said cylinder, ignition means in said cylinder, and a gas heated vaporizer for fueling said engine with particulate solid hydrocarbons having melting points substantially above ambient air temperatures and evaporating substantially without residue, and conduit means connecting said vaporizer to said cylinder, the combination of means for supplying an air stream, conduit means for said air stream connected to a combustion chamber external to the engine cylinder, means for feeding solid particulated hydrocarbons to said combustion chamber, means for initially heating and igniting a portion of said hydrocarbons in said chamber for creating a self-supporting combustion therein, and conduit means for bringing the hot products of said combustion in contact with said vaporizer for preheating it prior to starting the engine.

2,439,749
N-ALKYL THIAMORPHOLINES AND DERIVATIVES
Joseph B. Niederl, Brooklyn, N. Y., and William F. Hart, Easton, Pa.
No Drawing. Application May 3, 1945, Serial No. 591,850
4 Claims. (Cl. 260—243)

1. Compounds of the general formula:

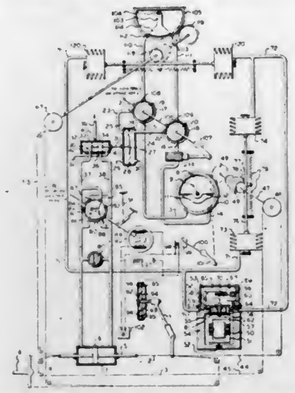


in which Z represents an atomic grouping selected from the class consisting of S, SO, and SO_2, R an alkyl radical containing from 12 to 18 carbon atoms, R' a short chain alkyl radical, X an anion.

2,439,750
AUTOMATIC CONTROL SYSTEM FOR AIRCRAFT
Robert Hayes Nisbet, Stroud, and Arthur Philip Glenny, Amberley, England, assignors to The Sperry Gyroscope Company, Limited, Brentford, England, a British company
Application September 17, 1942, Serial No. 458,654
In Great Britain November 22, 1940
Section 1, Public Law 690, August 8, 1946
Patent expires November 22, 1960
20 Claims. (Cl. 244—77)

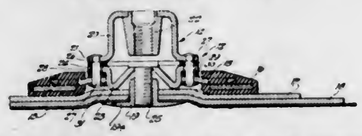
2. A system of control for aircraft comprising an automatic pilot having rugged, coarse controlling means therefor and delicate, sensitive primary controlling means normally movable

relative to said pilot, protective means operative when said aircraft departs from a selected flight path by more than a predetermined angular deviation for locking said delicate, sensitive primary



controlling means, and means for transferring control of said aircraft from said delicate controlling means to said rugged controlling means upon operation of said locking means.

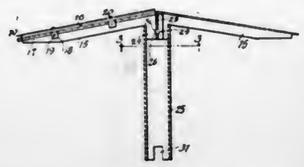
2,439,751
ABRASIVE DISC HOLDER
Gustav A. Oisen, Sioux City, Iowa, assignor to Albertson & Company, Inc., Sioux City, Iowa, a corporation of Iowa
Application July 13, 1946, Serial No. 683,523
6 Claims. (Cl. 51—197)



1. In an abrasive disc holder, a hub comprising a first hub member having an outwardly projecting flange, a second hub member co-axial with said first hub member and having an outwardly projecting flange in face-to-face relation to the first-mentioned flange, a plurality of spaced pins rigidly attached to one of said flanges and each passing loosely through an opening in the other of said flanges, a cushion of resilient material clamped between and separating said flanges and operating as the torque transmitting medium between said hub members, and means for attaching an abrasive disc to said second hub member.

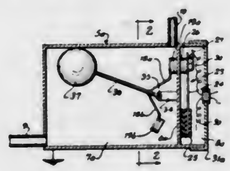
2,439,752
UMBRELLA
Arthur P. Pfeil, Williamsville, N. Y.
Application June 10, 1946, Serial No. 675,700
6 Claims. (Cl. 135—20)

6. An umbrella comprising a foldable canopy, a plurality of ribs supporting said canopy and movable therewith into a position in which they are spaced circumferentially or arranged parallel with one another and each of said ribs being provided with a downwardly projecting shank which together form a hub, a tubular handle adapted to receive said hub and a fastening pin adapted to pass through parts of said hub and tubular handle for holding the same together, said pin, canopy, and ribs being detachable from said tubular handle and stowable in the latter, and said pin



being loosely connected with said tubular handle to prevent loss or displacement of the same.

2,439,753
FLOAT-OPERATED SWITCH
Charles N. Reavis, Raleigh, N. C., assignor of two-thirds to Silas B. Coley, Raleigh, N. C.; Charlotte L. Reavis administratrix of Charles N. Reavis, deceased
Application February 3, 1945, Serial No. 575,950
1 Claim. (Cl. 200—84)

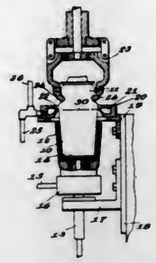


A float-operated switch comprising a casing provided with non-communicating float and contact chambers, said float chamber having a bottom water inlet and a top vent, a normally closed circuit maker and breaker in said contact chamber having a fixed contact and a flexible contact carrying an armature and normally tensioned to engage the fixed contact, a second circuit maker and breaker in said contact chamber including a fixed contact and a flexible contact normally tensioned to disengage from the associated fixed contact and carrying an armature, and actuating means for said flexible contacts mounted in the float chamber and including a rock shaft, arms projecting upwardly from and downwardly from said rock shaft respectively, permanent magnets carried by the free ends of said arms, a float arm rigid with said shaft and carrying a float, the upwardly extending arm being arranged so that its magnet is moved to bring its field within range of the armature of the first circuit maker and breaker when the float is raised, said downwardly extending arm being arranged so that the field of its magnet is brought within range of the armature of the second-named circuit maker and breaker when the float is lowered.

2,439,754
BURN-OFF METHOD
Harold R. Schutz, Toledo, Ohio, assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio
Application May 1, 1943, Serial No. 485,331
6 Claims. (Cl. 49—77)

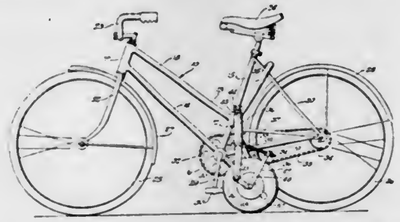
2. In the method of burning off glassware wherein a moil and tumbler, while still united, are supported in superposed relationship and an oxygen-gas flame is applied to the glass at the

juncture of the moil and tumbler, the steps consisting of slowly stretching the glass as it softens under influence of the flame, suddenly applying



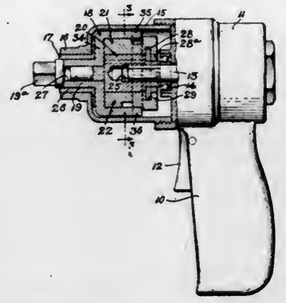
an increased stretching force and accelerating the speed of stretching the glass and thereby severing the moil and tumbler, and shaping the severed edge of the tumbler with a gas flame only.

2,439,755
QUADRICYCLE
Frank W. Schwinn, Chicago, Ill.
Application September 28, 1945, Serial No. 619,076
3 Claims. (Cl. 280—282)



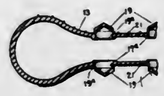
3. In a quadricycle of the class described and having a main passenger carrying structure of bicycle-type construction including a frame carried by front and rear wheels, a seat, and foot driven means drivingly connected to the rear wheel for propulsion, the combination comprising an upper frame tube secured to said rear frame near the seat and extending outwardly and downwardly, rear braces secured to said frame near the axis of the rear wheel and extending outwardly and forwardly, vertically disposed end tubes secured to the ends of said upper frame tube and braces at positions spaced substantially equidistantly from opposite sides of the frame and in approximate lateral alignment with the seat, side wheel support forks mounted in said end tubes for free rotation relative thereto and each having separated side legs, an auxiliary fork for each of said side wheel support forks and each having curved legs and a connecting portion, the ends of the curved legs of each of said auxiliary forks being rotatably connected to the side legs of one of the side wheel support forks, the curved legs of said auxiliary forks extending rearwardly and upwardly from the side wheel support forks, means including a resilient element movably connecting and resiliently separating each auxiliary fork from its side wheel support fork at a distance from the connected ends, and a wheel rotatably secured to each of the auxiliary forks at a position spaced rearwardly from the connected ends of the forks so that the axes of the wheels are to the rear of the rotational axes of the side wheel support forks.

2,439,756
IMPACT CLUTCH
Ernest H. Shaff, Grand Haven, Mich., assignor to Keller Tool Company, Grand Haven, Mich., a corporation of Michigan
Application July 9, 1943, Serial No. 493,961
15 Claims. (Cl. 192—30.5)



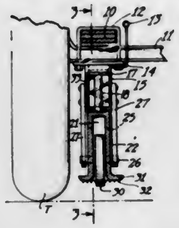
1. An impact clutch comprising, in combination, revoluble driving and driven members, said driven member presenting a pair of impact surfaces thereon at symmetrically located, generally diametrically opposite points in an orbit of revolution for the same, striker means for delivering substantially simultaneous sharp impact blows to said symmetrically located impact surfaces to thereby set up a strong couple tending to turn the driven member, said striker means embodying a pair of striker weights revoluble by said driving member coaxially with said driven member and presenting respective striker surfaces thereon also symmetrically located at generally diametrically opposite points relative to the axis of rotation of such weights, and means limiting the outward movement of said striker weights from their axis of rotation under the compulsion of centrifugal force to retain the striker surfaces thereon within an orbit circumscribed by that of the impact surfaces and thus out of contact with the latter except once during each full revolution of relative movement between the striker weights and driven member.

2,439,757
PERFORATED RUBBER LAUNDRY BAG
Albert E. Sidnell, Akron, Ohio, assignor to Seiberling Latex Products Company, Barberton, Ohio, a corporation of Ohio
Application January 21, 1941, Serial No. 375,145, which is a division of application Serial No. 272,586, May 9, 1939. Divided and this application June 23, 1943, Serial No. 491,868
1 Claim. (Cl. 150—1)



A molded laundry or like bag of vulcanized elastic or resilient material which unfilled has spaced, flat, flexible walls with perforations throughout a large portion of the body thereof, each perforation being reinforced around the outside edge thereof by a molded rib of the said material which is integral with the wall, the edge portions of the bag between the perforated walls being rounded on a radius greater than the distance between the walls when the bag is not filled.

2,439,758
ANTISKID JACKING DEVICE FOR VEHICLES
Antonio Monte Sorrentino, Brooklyn, N. Y.
Application January 21, 1947, Serial No. 723,399
6 Claims. (Cl. 280—150)



2. In a vehicle, a ground engaging support member mounted on the vehicle adjacent the inner side of each wheel and comprising a vertically disposed cylinder, a piston in the cylinder, a piston rod depending from the piston and extending out of said cylinder, a foot on the lower end of said rod arranged to be lowered to ground engaging position when fluid pressure is applied to said piston, means for yieldably maintaining the piston in raised position whereby the foot is spaced from the ground when the fluid pressure on the piston is relieved, a wheel suspended from said cylinder in spaced relation with the ground and extending below the bottom of said foot, when the latter is in raised position, for engagement with the ground when the tire of the adjacent wheel is deflated, and said foot being operable to engage the ground to lift said suspended wheel and the vehicle wheel off the ground.

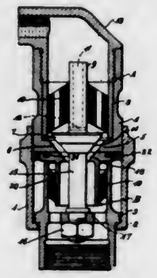
2,439,759
PICK
Eugene St. Pierre, Pawtucket, R. I., assignor to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts
Application June 10, 1947, Serial No. 753,649
5 Claims. (Cl. 66—48)



1. For a circular, independent needle knitting machine, a pick for widening and narrowing, said pick having a recess therein for receiving needle butts, an abutment in said recess for excluding long butts, an adjustable abutment in said recess for limiting the number of short butts which may be received in said recess at one time.

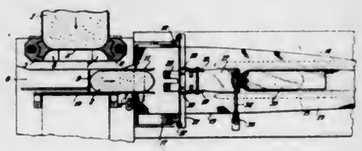
2,439,760
SELF-SEALING PIPE COUPLING
Percival Edward Thomas, Worcester Park, England, assignor to Sterling Industries Limited, London, England, a British company
Application May 31, 1945, Serial No. 596,857
In Great Britain June 12, 1944
1 Claim. (Cl. 284—19)

In a self-sealing pipe coupling of the type which includes a nonmobile valve centrally supported in fixed position in a first conduit and cooperating with a mobile valve seating located between the first conduit and the valve, a resiliently loaded mobile valve cooperating with a nonmobile valve seating located in a second conduit, and means for connecting said conduits together; the improvement that comprises an annulus of resilient rubber located between said mobile valve seating and said first conduit, said annulus being bonded about its entire periphery to said first conduit for at least a portion of its axial length and being bonded about its entire inner periphery and for at least a portion of its



axial length to said mobile valve seating, said annulus acting in shear to bias said mobile valve seating to conduit closing position in contact with said nonmobile valve and functioning to prevent fluid passage between said first conduit and said mobile valve seating, and wherein the resilient loading of the mobile valve is effected by an axially perforate annulus of resilient rubber material situate between said mobile valve and said second conduit and bonded to both.

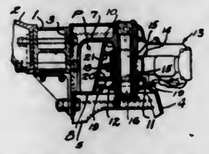
2,439,761
APPARATUS AND METHOD FOR SOFTENING SANITARY NAPKIN PADS
Oscar T. Thompson, Neenah, Wis., and Don D. Feagles, Niagara Falls, N. Y., assignors to International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware
Application October 26, 1944, Serial No. 560,514
9 Claims. (Cl. 154—29)



1. The method of preparing absorbent pads for sanitary napkins which consists in shearing a pad of the desired size from a blanket composed of a plurality of relatively superposed plies of crepe tissue paper and then subjecting certain of the sheared edges of the pad to a combing action to break down or fluff said sheared edges.

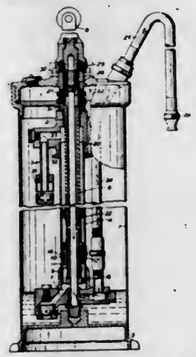
9. Apparatus for softening the edges of an elongated, multi-ply, crepe tissue paper pad which is hard as an incident to compression of the pad edges and mechanical joining of the edges of the corresponding edges of the plies, comprising means for propelling the pad endwise, and a pair of scraper members yieldingly urged against the opposite pad edges during the travel of the pad to thereby effect separation and fluffing of the edges of the sheet material plies of the pad.

2,439,762
RETRACTABLE COUPLER FOR LOCOMOTIVE STRUCTURES
James C. Travilla, Jr., Swarthmore, Pa., and William C. Krautheim, Normandy, Mo., assignors to General Steel Castings Corporation, Granite City, Ill., a corporation of Delaware
Application December 22, 1944, Serial No. 569,374
14 Claims. (Cl. 213—4)



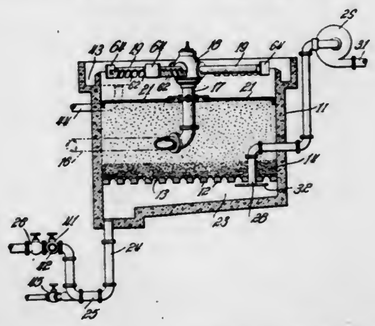
6. In a locomotive pilot structure, a pilot having a coupler pocket, a coupler pivot pin mounted on said pilot, a laterally swinging coupler pivoted on said pin and movable into and out of said pocket to non-functioning and functioning positions and comprising a coupler head and a coupler shank, and a pocket closure plate movable with said coupler to close said pocket, said coupler and said closure plate having a common axis, said closure plate pivoting with and on said coupler independently of said pivot pin.

2,439,763
FIRE-EXTINGUISHING PUMP
Richard Zieschang, Brentford, England, assignor to The Pyrene Company Limited, Brentford, England, a British company
Application June 21, 1944, Serial No. 541,416
In Great Britain July 1, 1943
4 Claims. (Cl. 103—192)



1. In a fire extinguishing hand-operated double-acting pump, a vertically arranged pump cylinder provided at its bottom end with a fitting having therein an intake passage communicating with the bottom end of said cylinder and provided with a check-valve permitting liquid to enter but not escape from said cylinder through said passage; a hollow piston rod having openings therein near the lower end thereof; a piston assembly carried by said piston rod and reciprocatable in said cylinder and exerting pressure on the liquid therein during movement of said piston assembly in both directions; said assembly including a piston having a liquid passage therethrough and slidingly supported for limited movement on said piston rod and cooperating with the openings therein, said assembly also including a clack-valve cooperating with the upper side of said piston and having a liquid passage therethrough which is out of alignment with the passage through the piston, said clack-valve being movable by liquid pressure during upward movement of the piston assembly into engagement with the top of the piston, thereby during said movement preventing flow of any liquid through the piston assembly, and said clack-valve being movable by liquid pressure during downward movement of the piston assembly out of engagement with the top of the piston, thereby during said last mentioned movement permitting a limited flow of liquid through the piston assembly; the aforesaid fitting being also provided with an outlet passage communicating with the upper end of said hollow piston rod; whereby during upward movement of said piston assembly liquid is drawn into the cylinder through said check-valve and at the same time liquid in said cylinder above said piston assembly is expelled through said outlet passage, and whereby during downward movement of said piston assembly some of the liquid in the bottom of said cylinder is permitted to flow through said piston assembly into the space in said cylinder above the piston assembly and some of said liquid is expelled through said outlet passage.

2,439,764
WATER TREATING APPARATUS
James D. Walker, Aurora, Ill., assignor to The American Well Works, a corporation of Illinois
Application May 8, 1943, Serial No. 486,172
4 Claims. (Cl. 210—16)

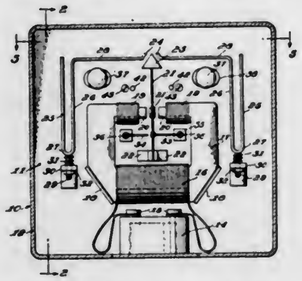


1. Water treating apparatus including a tank, a false bottom in the tank comprising spaced parallel beams, grating members resting on the beams having projections extending between the beams and adjacent thereto to position the grating members in bridging position and having projections extending upwardly to prevent clogging of the grating by overlying material, coarse material resting on the grating, a bed of anthracite coal of a particle size mainly of the order of at least 1½ millimeters supported thereby, a rotary distributor for sprinkling water in a thin layer on the surface of the bed, said distributor being spaced approximately between two and three feet above the bed, means for supplying raw water to the rotary distributor, means for draining the water from the tank below the false bottom, means alternatively effective for supplying backwash water to the tank below the false bottom and causing it to flow upwardly through the bed, and an overflow trough adapted to receive water overflowing from the tank and to discharge it to waste.

2,439,765
SUPPORTED METAL ACETYLIDE CATALYST
Joseph Frederic Walker, Westfield, N. J., and Thomas Edward Londergan, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Original application October 30, 1944, Serial No. 561,150. Divided and this application October 31, 1946, Serial No. 707,046
3 Claims. (Cl. 252—227.5)

3. A metal acetylide catalyst material consisting essentially of a mass of finely divided particles of a catalyst support having a size not to exceed 300 mesh and, uniformly distributed therein, a heavy metal acetylide selected from the group consisting of the acetylides of copper, silver, gold, and mercurous mercury, said catalyst material containing not to exceed 10% by weight of said acetylide when said acetylide is silver acetylide, and not to exceed 20% by weight of said acetylide when said acetylide is the acetylide of copper, gold or mercury.

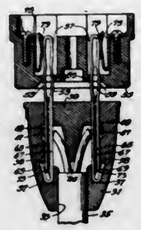
2,439,766
AUDIBLE AND VISUAL ELECTRICAL SIGNALING DEVICE
Eugene Weissman, Baltimore, Md.
Application May 29, 1945, Serial No. 596,471
10 Claims. (Cl. 177—324)



1. An electrical signaling device comprising a vibratory resonance member including a pair of vertically disposed tines, one of which merges into a horizontal plate, a vibratory member having a head for engaging the plate and imparting vibration to the resonance member, and switch controlled electrical means and connections for effecting vibration of the vibratory member.

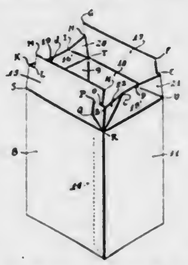
2,439,767
ELECTRICAL CONNECTOR
Hugo H. Wermine, Wheaton, Ill., assignor to Belden Manufacturing Company, a corporation of Illinois
Application March 20, 1943, Serial No. 479,846
10 Claims. (Cl. 173—361)

1. A two ply, spring blade for electrical plug connectors and the like, comprising a flat, metal strip of standard blade width which is folded upon itself at the outer end of said blade and shaped to provide a flattened, transversely resilient, contact portion, a bowed, transversely resilient, contact portion, and a shank portion; said flattened contact portion being located at the outer end of said blade, comprising, coextensive, substantially parallel sections of said strip, which are spaced a short distance from each other, and having a length at least approximately equal to the width of said strip; said bowed contact portion being located longitudinally adjacent said flattened contact portion, having a length approximately one and one-half times the width of said strip, and comprising symmetrically opposed, outwardly bowed sections of said strip; said shank portion comprising co-



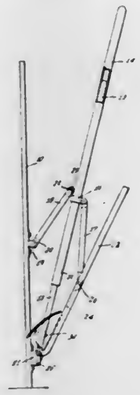
extensive, parallel sections of said strip which contact each other, and at least one of the parallel portions of said strip which constitute said shank portion being provided with an embossed stiffening rib which extends longitudinally therealong for a substantial distance.

2,439,768
RECEPTACLE
Charles O. Ball, Maumee, Ohio, assignor to Owens-Illinois Glass Company, a corporation of Ohio
Application May 19, 1945, Serial No. 594,695
3 Claims. (Cl. 229—38)



1. A blank of sheet material for forming an article having a rectangular body and a closed bottom end, said blank having parallel score lines defining panels which form the said body, said panels comprising narrow panels alternating with comparatively wide panels, said blank being formed with a base score line perpendicular to and intersecting the said parallel lines to form the bottom edge of the receptacle, the said panels being extended downward below said base line to provide a foldable bottom-forming portion, the wide panels being extended beyond the narrow panels to provide extensions of greater width than those of the narrow panels, the said extensions of the narrow panels each being formed with downwardly convergent diagonal score lines extending from the base line and thereby dividing each of said extensions of the narrow panels into a central section in the form of a truncated triangle and outer triangular sections, the latter being adapted to fold back against the truncated triangles, the said extensions of the wide panels being shortened in a direction transverse to the panels, with the distance between said extended portions being substantially equal to their length, thereby permitting nesting of the blanks with their bottom ends adjoining.

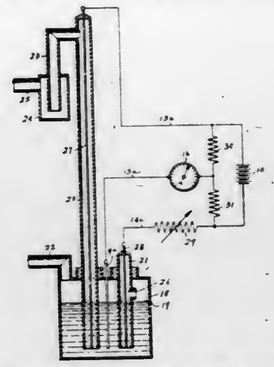
2,439,769
IRONING BOARD LEG AND BRACE STRUCTURE
Earl C. Booth, Columbus, Ind., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind., a corporation of Indiana
Application April 9, 1945, Serial No. 587,366
5 Claims. (Cl. 38—117)



1. In an ironing board, a top, front and rear legs pivotally mounted on said top for swinging movement about adjacent transverse axes, said front leg comprising a pair of tubular telescoping parts, the inner one of said telescoping parts being pivotally mounted on said top on a transverse axis, links connecting the outer of said telescoping parts with said rear legs and with said top, said links extending oppositely from said front leg and being so constructed and arranged that the legs may swing from substantially coplanar positions adjacent the lower surface of the top to extended positions in which they are adapted to support the top in operative position while the outer of said telescoping parts, during such swinging, slides inwardly on the inner telescoping part, and a latch pivoted within the inner telescoping part and projecting through an opening in the wall thereof and engageable with the outer telescoping part to hold the legs in extended position.

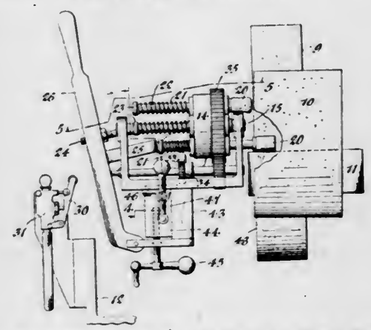
2,439,770
ELECTRICALLY INDICATING LIQUID FILLED MANOMETER
Harold A. Brown, State College, N. Mex., and Harry Gollob, El Paso, Tex.
Application January 29, 1945, Serial No. 575,164
2 Claims. (Cl. 73—398)

1. An instrument of the character described comprising, a container, a manometer tube extending through the top of the container, a compensating tube extending through the top of the container, said tubes being sealed with the top of the container, an electrically conductive fluid in the container in which the lower ends of said tubes are submerged, said compensating tube having a vent within the container above the level of said fluid, electrodes in, and sealed with the upper ends of said tubes and whose lower ends extend into the fluid in the vessel, electrical means, including a galvanometer, connected to the electrodes and also including resistors and effective to indicate the resistance of the electrodes and means for applying pressure to the surface of the fluid in the container whereby said



fluid is moved along the electrodes to vary their resistance.

2,439,771
APPARATUS FOR FACING AND TRUING ABRASIVE ARTICLES
Eric P. Dahlstrom, Niagara Falls, N. Y., assignor to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware
Application August 1, 1946, Serial No. 687,737
9 Claims. (Cl. 51—103)



1. An apparatus adapted for use with a centerless grinding mechanism for facing, edging and truing rotatable abrading bodies, said apparatus comprising, in combination, a supporting framework, a rotatable mounting plate carrying a plurality of rotatable holding means for holding the abrading bodies to be acted upon, each of said holding means being independently capable of axial movement, spring means for independently retaining each of said holding means normally out of engagement with the centerless grinding mechanism, means for independently moving one of said holding means axially toward the flat side of the grinding wheel of said grinding mechanism to dress the flat end face of an abrading body held by said holding means, means for simultaneously moving another of said holding means and the abrading body being held thereby axially into engagement by said grinding mechanism so that said abrading body is acted upon by said grinding wheel to edge and true the curved surface of said body while it is rotatably held and centered radially against the peripheral grinding surface of said grinding wheel until truing of said abrading body is assured where-

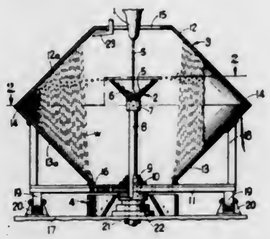
upon said abrading body is released from its holding means to pass between the grinding wheel and feed wheel of the grinding mechanism, rest means for further supporting said abrading body in the latter part of its path of travel between the grinding wheel and the feed wheel of the centerless grinding mechanism, means for adjusting the vertical position of the aforesaid mounting plate, means for adjusting the lateral position of said mounting plate, mechanism for rotating said mounting plate through a partial revolution to move the holding means carrying the faced abrading body into position for the aforesaid edging and truing operation and to move another of the holding means carrying a newly inserted abrading body into position for the aforesaid facing operation, and means for actuating said rotating mechanism.

2,439,772

METHOD AND APPARATUS FOR FORMING SOLIDIFIED PARTICLES FROM MOLTEN MATERIAL

James T. Gow, Columbus, Ohio, assignor, by mesne assignments, to Steel Shot Producers, Inc., Butler, Pa., a corporation of Delaware

Application April 9, 1946, Serial No. 660,623
13 Claims. (Cl. 18—2.6)



7. Apparatus for forming solidified particles from molten material comprising a member rotatable about a vertical axis upon which a stream of the molten material is discharged and which is adapted to disintegrate the stream into globules, said member being dish-shaped, a liquid container of annular cross-section surrounding said member and adapted to contain quenching liquid for said globules, said container being rotatable about the vertical axis of said dish-shaped member, means for rotating said dish-shaped member and said container, said dish-shaped member being spaced from the side wall of said container, said side wall of said container being formed by an upper guide section of frustoconical form and an inverted frusto-conical section joining the upper section to form a particle collecting pocket, said pocket being located below the level of said dish-shaped member, said lower section extending to the bottom of the container, said bottom of the container being provided with discharge apertures.

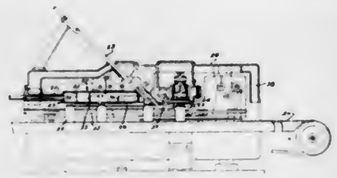
2,439,773

STEAM DISTRIBUTOR FOR VACUUMIZING CONTAINERS IN SEALING MACHINES

John Hohl and Olav Bjering, Toledo, Ohio, assignors to Owens-Illinois Glass Company, a corporation of Ohio

Application March 2, 1945, Serial No. 580,556
10 Claims. (Cl. 226—82)

1. The combination of a horizontally-traveling conveyor, a steam distributor comprising a steam chest extending lengthwise of the conveyor and spaced thereabove to provide a passage for open top containers supported on and traveling with the conveyor, the floor of said chest being substantially flat and horizontal and having a multiplicity of perforations therethrough distributed over areas extending lengthwise thereof, said floor



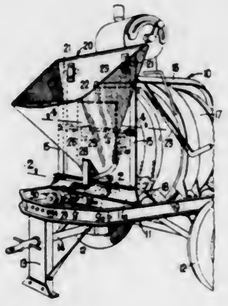
having a central imperforate section extending lengthwise thereof between said perforated areas in position to overlie the tops of the said containers, said perforated areas being symmetrically disposed on opposite sides of and defining the margins of said imperforate section.

2,439,774

CONCRETE MIXER

Gebhard Jaeger, Columbus, Ohio, assignor to The Jaeger Machine Company, Columbus, Ohio, a corporation of Ohio

Application May 1, 1946, Serial No. 666,395
3 Claims. (Cl. 259—172)



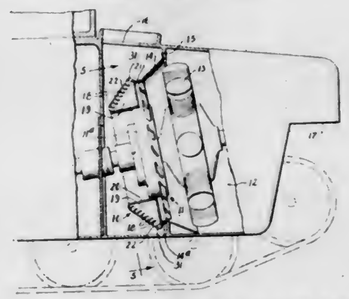
1. In a concrete mixing machine including a mixing drum and a power driven shaft for imparting rotary movement to the drum, said machine comprising a main frame and spaced upright frame members located adjacent an end of the mixing drum, a drum charging hopper swingably mounted upon the upright frame members to swing outwardly at its lower end away from the drum, said hopper having a discharge throat registering with a charge opening formed in the mixing drum, a slidable gate for controlling the passage of material through the discharge throat of said hopper, means on the gate and engageable with a part of the machine for moving the lower portion of the hopper outwardly away from the mixing drum at predetermined times while the gate is in closed position, and means operable when the gate is in open position to impart a jarring action to the hopper whereby to free the inner wall surfaces of the hopper of material accumulated thereupon.

2,439,775

HEAT EXCHANGER

Walter W. Kennedy, Rockford, Ill., assignor to Barber-Colman Company, Rockford, Ill., a corporation of Illinois

Application June 17, 1944, Serial No. 540,843
1 Claim. (Cl. 257—259)



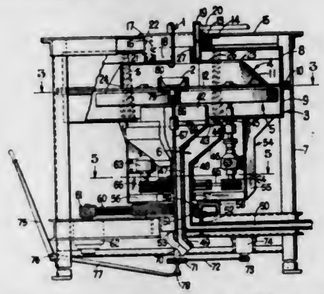
A combined air distributing and heat exchange unit comprising, in combination with an axial thrust fan, a plurality of hollow annular air distributing vanes of uniform cross sectional area disposed forwardly of the fan and spaced apart equidistantly along the axis of the fan as well as radially therefrom to form the frustum of a cone, said vanes being of airfoil section and bent transversely so as to act upon air entering between the vanes substantially radially of the coil to turn it axially while distributing it over and along each of the fan blades, and means interconnecting the vanes and providing an inlet and an outlet for a fluid medium.

2,439,776

APPARATUS FOR FORMING SOLIDIFIED PARTICLES FROM MOLTEN MATERIAL

Harold L. Klein and John L. Courtright, Columbus, Ohio, assignors, by mesne assignments, to Steel Shot Producers, Inc., Butler, Pa., a corporation of Delaware

Application April 20, 1946, Serial No. 663,652
16 Claims. (Cl. 18—2.6)



3. Apparatus for forming solidified particles from molten material comprising a member rotatable about a vertical axis upon which a stream of the molten material is discharged and which is adapted to disintegrate the stream into globules and throw them substantially horizontally therefrom, an annular liquid container surrounding said member and being rotatable about a vertical axis so that when rotated at a selected speed a revolving body of liquid will be formed which surrounds said member and which receives the globules thrown therefrom, means for rotating said member and said container, a guide wall at the interior of the container surrounding said member and being spaced outwardly therefrom, said guide wall having its lower edge disposed at a level substantially below the globue discharge level of said member so that globules thrown therefrom will strike said guide wall and be guided thereby, said guide wall being so formed as to provide a plurality of particle collecting pockets at points spaced circumferentially of said container, each of said pockets having a discharge outlet adjacent the outer side thereof, a conveyor unit disposed in said container and associated with each of said pockets for receiving the particles discharged from said pocket, said conveyer unit being rotatable about a vertical axis spaced outwardly from the axis of said container and being adapted to transfer the particles from the discharge point of the pocket through substantially 180° to a discharge point where the particles are discharged from the container, and means for rotating each of said conveyers upon rotation of said container.

2,439,777

SEPARATION OF THIOPHENES FROM HYDROCARBONS BY AZEOTROPIC DISTILLATION

George R. Lake and Josephine M. Stribley, Long Beach, Calif., assignors to Union Oil Company of California, Los Angeles, Calif., a corporation of California

No Drawing. Application September 18, 1944, Serial No. 554,722
5 Claims. (Cl. 202—42)

1. A process for the separation of a sulfur compound of the group consisting of thiophene and its homologs from a complex hydrocarbon fraction containing paraffins, naphthenes, olefins, and aromatics as well as said sulfur compound all of which hydrocarbons ordinarily distill from said fraction in the same temperature range as said sulfur compound distills therefrom which comprises azeotropically distilling said complex hydrocarbon fraction in the presence of a sufficient amount of an azeotrope former selected from the group consisting of the heterocyclic compounds containing at least one oxygen atom in the ring, the heterocyclic compounds containing at least one nitrogen atom in the ring, and the nitriles to vaporize said paraffins, naphthenes, olefins and aromatics, continuing the distillation at a temperature sufficiently high to vaporize the azeotropes of all of said hydrocarbons with said azeotrope former until said paraffins, naphthenes, olefins, and aromatics are completely vaporized together with said azeotrope former thereby leaving said sulfur compound in the residue, said azeotrope former boiling below but not more than 35° C. below said sulfur compound.

2,439,778

COTTER KEY

John A. MacLean, Jr., Winnetka, Ill., and Benjamin Franklin Money, Tulsa, Okla., assignors to MacLean-Fogg Lock Nut Company, Chicago, Ill., a corporation of Illinois

Application May 21, 1945, Serial No. 595,024
2 Claims. (Cl. 85—8.5)

1. A cotter key adapted to fit snugly into an appropriate cotter-receiving aperture and comprising a pair of legs of substantially semi-circular section extending in adjacent and closely spaced relationship from an integral head loop, said legs having plane surfaces facing one an-

other, the major portions of the length of each of said legs being substantially straight and aligned as viewed in a direction perpendicular to said plane surfaces, and adjacent intermediate portions of each of said legs being similarly bent



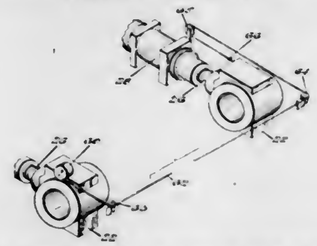
to one side in a direction crosswise of said plane surfaces to form smoothly curved offset portions adapted to serve as wedges in said cotter-receiving aperture to effect tight engagement of the key in the aperture in directions at right angles to each other.

2,439,779

APPARATUS FOR CONTROLLING PRESSURE BANDS

Grosvenor D. Marcy, Newton Highlands, Mass., assignor to Boston Woven Hose & Rubber Company, Cambridge, Mass., a corporation of Massachusetts

Application March 29, 1945, Serial No. 585,468
5 Claims. (Cl. 18—6)



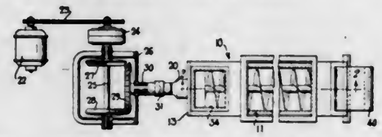
3. In a vulcanizing machine of the continuous type employing a cylindrical vulcanizing drum, an endless pressure band cooperating with an arcuate portion of the drum, a plurality of rolls cooperating with the drum to support the band and including a tensioning roll for placing the band under pressure on the drum, hydraulically operated pistons operative against the opposite ends of the tension roll in a direction tending to move them away from the drum, and means for independently controlling the operative pressure against the pistons; the combination of an indicator cooperating with one end of the tensioning roll, and a flexible cable attached to the indicator and cooperating with the other end of the tensioning roll for indicating on the indicator the relative lateral movement of said ends under the action of the pistons.

2,439,780

COOKING APPARATUS

Melvin J. Napier, Akron, Ohio, assignor to Miami Boiler & Machine Company, Inc., Akron, Ohio, a corporation of Ohio

Application February 28, 1945, Serial No. 580,234
5 Claims. (Cl. 99—443)



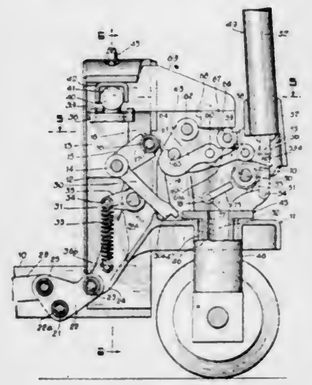
1. In cooking apparatus of the character described, the combination of a cooking chamber having a receiving opening at one end and a discharge opening at the other end, means for heating the chamber, means for intermittently forcing material through said chamber and out of said discharge opening while concurrently stirring and agitating the material by imparting limited reciprocatory movement thereto, and means for maintaining the material under pressure while in said chamber, said means for intermittently forcing material through said chamber comprising a rotating feed screw, a gear fixed to the feed screw, and a pair of constantly driven mutilated gears operatively engaging said screw gear in alternation at opposite sides of the axis thereof.

2,439,781

HAND LIFT TRUCK

George Quayle, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn., a corporation of Connecticut

Application January 29, 1944, Serial No. 520,186
18 Claims. (Cl. 254—2)



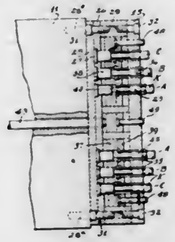
15. In a truck of the class described, a lifting head, an elevating platform, means mounting said elevating platform for lifting movement relatively to said lifting head, a steering head rotatable on said lifting head, a bell crank pivoted on said steering head and having a thrust imparting portion thereon, a boss secured as a part of said elevating platform and overlying said thrust imparting portion in all steering positions of said steering head and in all positions of said elevating platform, a steering and lifting handle pivoted on said steering head for downward swinging movement, a link pivoted on said steering handle, a hook pivoted to said link and adapted to engage a part of said bell crank to rotate said bell crank when the steering and lifting handle swings downwardly, whereby through said thrust imparting portion and boss to lift the elevating platform, said hook being biased normally out of engagement with said part but adapted to be held in engagement therewith by the stress therebetween incidental to the lifting operation, the relieving of said stress as after the elevation of said platform allowing separation of said hook from said bell crank part to contribute a free steering and lifting handle, and means whereby said link and hook are positioned automatically to effect engagement of said hook with said bell crank part when said elevating platform is in its lowered position and said steering and lifting handle is in an initial vertical position.

2,439,782

STRIPPING MEANS FOR MOLDS

William Schmid and William E. Fillmore, Toledo, Ohio, assignors to Owens-Illinois Glass Company, a corporation of Ohio

Application September 14, 1944, Serial No. 553,994
10 Claims. (Cl. 18—42)



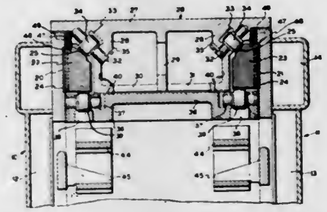
1. A molding machine comprising a plurality of molding units each including a pair of cooperating molding elements, carriers on which the molding elements of said pairs are respectively mounted, means for withdrawing one said carrier from a molding position and thereby causing the molding elements thereon to withdraw molded articles from the other molding elements, an ejector device mounted on said last mentioned carrier, means for moving said ejector device relative to the carrier on which it is mounted, and stripper devices individual to the molding elements on said last mentioned carrier, said stripper devices being mounted separately from the ejector device for individual movement relative thereto and having contact surfaces positioned in the path of said ejector device, said surfaces being in stepped relation to the contacting surface portions of the ejector device and positioned to effect operating engagement of the ejector device with the stripper devices in succession and thereby strip the molded articles in succession from the molding elements.

2,439,783

FLASH WELDER CONSTRUCTION

Melvin M. Seeloff, Warren, Ohio, assignor to The Taylor-Winfield Corporation, Warren, Ohio, a corporation of Ohio

Application October 8, 1945, Serial No. 620,934
13 Claims. (Cl. 219—4)



1. In an electric resistance flash-butt welder the combination of a rigid frame comprising a pair of spaced and generally parallel plate-like side members, a normally fixed platen assembly interposed between said side members adjacent one end thereof and rigidly interconnected therewith, a bracket interposed between said side members adjacent the opposite end thereof and rigidly interconnected therewith, a longitudinally extending gib rigidly mounted on the inner face of each said side members and extending horizontally between said fixed platen and said bracket but below the top edges of said side members, said gibs having horizontal bottom bearing surfaces and outwardly inclined upper bearing surfaces, said bearing surfaces extending uniformly in a longitudinal direction; and a movable platen adapted to be moved by means supported on said bracket and carrying rollers for engaging said bearing surfaces whereby said movable platen is anti-frictionally mounted and effectively guided for movement in a longitudinal direction.

2,439,784

PROCESS OF BOILING OUT STEAM BOILERS PRIOR TO PLACING THEM IN OPERATION AND COMPOSITION THEREFOR

Wendell W. Cerna, Mount Lebanon, Pa., assignor to Hall Laboratories, Inc., Pittsburgh, Pa., a corporation of Pennsylvania

No Drawing. Application December 30, 1944, Serial No. 570,797
7 Claims. (Cl. 252—135)

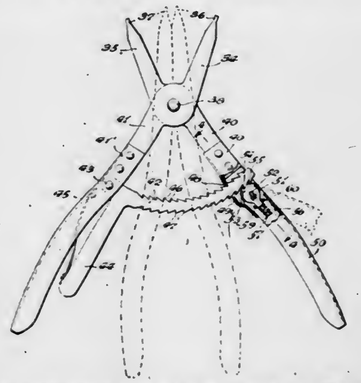
1. The process of boiling out steam boilers prior to placing them in operation for the generation of steam, which comprises circulating through the boiler a heated aqueous alkaline cleaning solution having a concentration of solids in solution of at least 3,000 parts per million by weight, said solution containing about 10% to 40% by weight of at least one alkali metal silicate selected from the group consisting of sodium silicate and potassium silicate based on the solids in solution, said solution having a caustic alkalinity of about 100 to about 2500 parts per million by weight, maintaining in said solution a ratio in equivalents of silica to total sodium oxide plus potassium oxide of not more than 1:1 and a ratio in equivalents of potassium to sodium of at least 0.5:1, said circulation being continued until the boiler is effectively cleaned, withdrawing the cleaning solution from the boiler and flushing it out with clean water.

2,439,785

TOOL FOR HANDLING OPEN-ENDED RETAINING RINGS

Rudolf Feitl, Brooklyn, and Hugo Wurzel, Bronx, N. Y., assignors to Waldes Koh-I-Noor, Inc., Long Island City, N. Y., a corporation of New York

Application February 19, 1945, Serial No. 578,633
4 Claims. (Cl. 29—229)



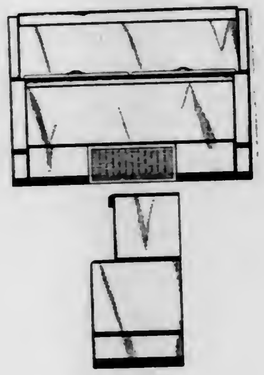
2. A plier-type tool of the character described comprising a pair of levers and means pivotally connecting said levers together intermediate their

ends, the ends of the levers to one side of the pivot means constituting plier tips terminating in working points and the other ends constituting handles which are adapted to be brought together upon coupling of the working points with a work piece, and means for locking said handles against self-spreading and for allowing controlled spreading of the handles including an elongated ratchet member pivotally connected to one handle and extending between said handles, the opposite longitudinal edges of said ratchet member each having a series of ratchet teeth, the teeth of one edge series being staggered relative to the teeth of the other edge series, oppositely disposed pawls and means mounting them on the other handle in fixed relation and spaced so that one or the other edge series of teeth are always engageable by one or the other pawl, spring means normally urging said ratchet member to a position wherein the teeth of one edge series thereof are engageable by one of said pawls, and an actuating arm carried by the ratchet member for actuating the same out of said position, thereby to effect release of an engaged tooth, and simultaneously to a position wherein the teeth of the other edge series are engageable by the other pawl.

DESIGNS

APRIL 13, 1948

149,240
DESIGN FOR A REFRIGERATOR
Nicholas Achs, Detroit, Mich.
Application February 28, 1946, Serial No. 126,972
Term of patent 7 years
(Cl. D67—3)



The ornamental design for a refrigerator, as shown and described.

149,241
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Humbert Armao, Providence, R. I.
Application March 4, 1947, Serial No. 137,332
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article as shown.

149,242
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Nicholas Barbieri, Providence, R. I., assignor to Uncas Manufacturing Company, a corporation of Rhode Island
Application June 6, 1946, Serial No. 130,456
Term of patent 14 years
(Cl. D45—19)



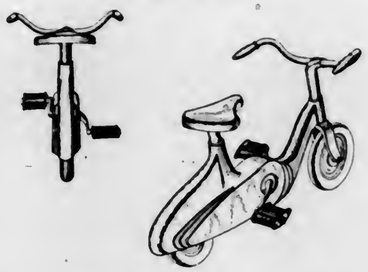
The ornamental design for a brooch or similar article, substantially as shown and described.

149,243
DESIGN FOR A VELOCIPEDE
Willard M. Bashaw and Willis Olin Dixon, Wichita, Kans.
Application May 3, 1946, Serial No. 129,297
Term of patent 3½ years
(Cl. D34—15)



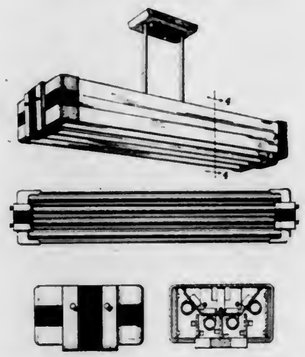
The ornamental design for a velocipede, substantially as shown.

149,244
DESIGN FOR A VELOCIPEDE
Willard M. Bashaw and Willis Olin Dixon, Wichita, Kans.
Application May 3, 1946, Serial No. 129,298
Term of patent 3½ years
(Cl. D34—15)



The ornamental design for a velocipede, substantially as shown.

149,245
DESIGN FOR A FLUORESCENT LIGHTING FIXTURE OR SIMILAR ARTICLE
Thomas G. Beckett, Dallas, Tex.
Application September 14, 1946, Serial No. 133,325
Term of patent 7 years
(Cl. D48—23)



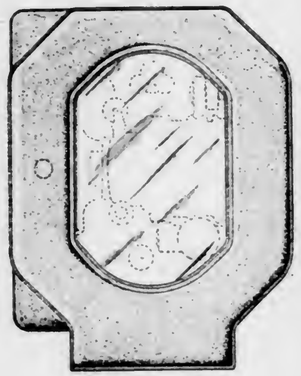
The ornamental design for a fluorescent lighting fixture or similar article, substantially as shown.

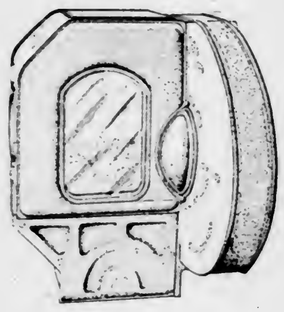
149,246
DESIGN FOR A BRAID
Leo Beer, Kew Gardens, and Herman Stern, New York, N. Y.
Application June 10, 1947, Serial No. 139,564
Term of patent 7 years
(Cl. D3—32)

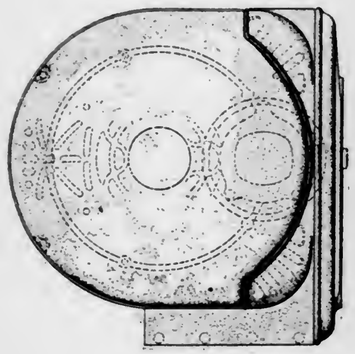


The ornamental design for a braid, substantially as shown and described.

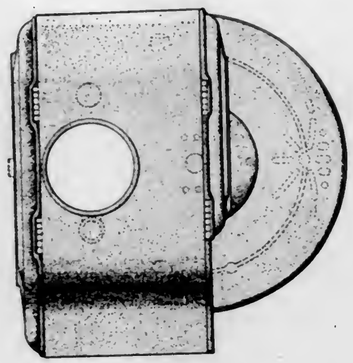
149,247
DESIGN FOR A HOUSING FOR A MOTION-PICTURE PROJECTOR OR SIMILAR ARTICLE
Ewald Boecking, Great Kills, Staten Island, N. Y., assignor to Manufacturers Machine & Tool Co., Inc., Mount Vernon, N. Y., a corporation of New York
Application July 30, 1947, Serial No. 140,607
Term of patent 14 years
(Cl. D61—1)







149,247—Continued



The ornamental design for a housing for a motion-picture projector or similar article, as shown and described.

149,248
DESIGN FOR A DESK ORNAMENT
Violet Brown, Wrentham, Mass., assignor to R. M. Jordan & Company, Inc., a corporation of Rhode Island
Application September 10, 1946, Serial No. 133,213
Term of patent 3½ years
(Cl. D29—23)



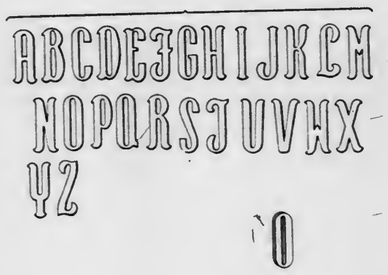
The ornamental design for a desk ornament, substantially as shown.

149,249
DESIGN FOR A DESK ORNAMENT
Violet Brown, Wrentham, Mass., assignor to R. M. Jordan & Company, Inc., a corporation of Rhode Island
Application September 10, 1946, Serial No. 133,217
Term of patent 3½ years
(Cl. D29—23)



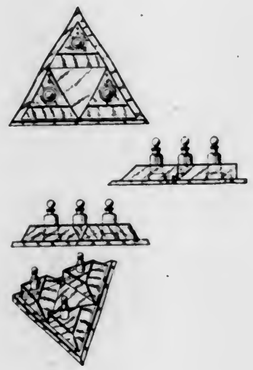
The ornamental design for a desk ornament, substantially as shown.

149,250
DESIGN FOR AN ALPHABET FOR FORMING MONOGRAMS OR THE LIKE
Michael Chernow, New York, N. Y.
Application November 26, 1946, Serial No. 135,093
Term of patent 14 years
(Cl. D64—12)



The ornamental design for an alphabet for forming monograms or the like, substantially as shown and described.

149,251
DESIGN FOR A COMBINED DISPLAY STAND AND PERFUME BOTTLES
Victor Civita, New York, N. Y., assignor to Consolidated Cosmetics, Chicago, Ill., a firm
Application July 15, 1946, Serial No. 131,598
Term of patent 3½ years
(Cl. D80—9)



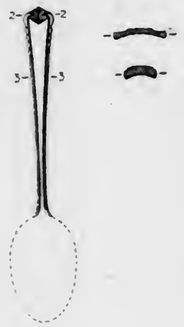
The ornamental design for a combined display stand and perfume bottles, substantially as shown.

149,252
DESIGN FOR A PERFUME DIFFUSER
Henry Cobbs, Little River, Fla.
Application February 11, 1947, Serial No. 136,852
Term of patent 14 years
(Cl. D16—2)



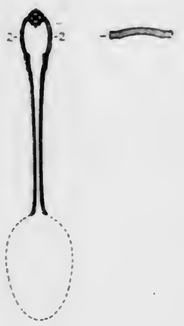
The ornamental design for a perfume diffuser, as shown.

149,253
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
Edward J. Conroy, Meriden, Conn., assignor to The International Silver Company, Meriden, Conn., a corporation of Connecticut
Application April 14, 1947, Serial No. 138,343
Term of patent 14 years
(Cl. D54—12)



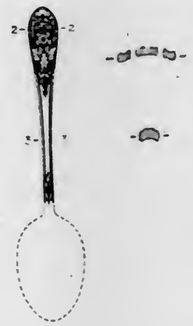
The ornamental design for a spoon or other article of flatware, substantially as shown and described.

149,254
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
Edward J. Conroy, Meriden, Conn., assignor to The International Silver Company, Meriden, Conn., a corporation of Connecticut
Application April 14, 1947, Serial No. 138,344
Term of patent 14 years
(Cl. D54—12)



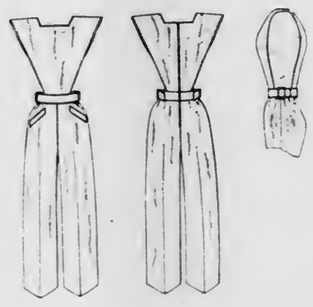
The ornamental design for a spoon or other article of flatware, substantially as shown and described.

149,255
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
Edward J. Conroy, Meriden, Conn., assignor to The International Silver Company, Meriden, Conn., a corporation of Connecticut
Application April 16, 1947, Serial No. 138,436
Term of patent 14 years
(Cl. D54—12)



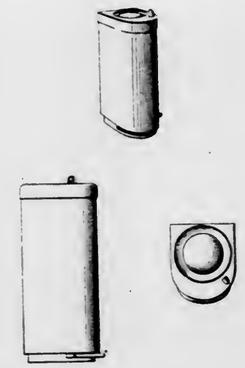
The ornamental design for a spoon or other article of flatware, substantially as shown and described.

149,256
DESIGN FOR A LADY'S ONE-PIECE OVERALL
Helen C. Cookman, New York, N. Y., assignor to Mary Ellen Cookman, New York, N. Y.
Application March 26, 1946, Serial No. 127,957
Term of patent 7 years
(Cl. D3—17)



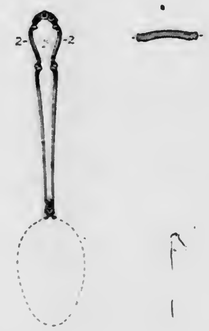
The ornamental design for a lady's one-piece overall, as shown.

149,257
DESIGN FOR A WATER COOLER OR SIMILAR ARTICLE
James J. Corey, Elmhurst, N. Y.
Application April 12, 1946, Serial No. 128,524
Term of patent 14 years
(Cl. D67—4)



The ornamental design for a water cooler or similar article, substantially as shown.

149,258
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
Alexandra A. Dabrowski, Meriden, Conn., assignor to The International Silver Company, Meriden, Conn., a corporation of Connecticut
Application April 10, 1947, Serial No. 138,290
Term of patent 14 years
(Cl. D54—12)



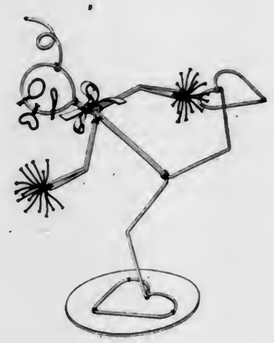
The ornamental design for a spoon or other article of flatware, substantially as shown and described.

149,259
DESIGN FOR A GRATER
Elmer H. Daniels, Pasadena, Calif., assignor to Na Mac Products Corp., Los Angeles, Calif., a corporation of California
Application August 13, 1946, Serial No. 132,482
Term of patent 14 years
(Cl. D89—1)



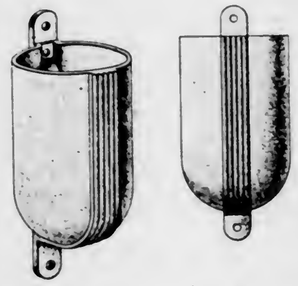
The ornamental design for a grater, as shown.

149,260
DESIGN FOR A FIGURINE
Louella C. Danz, Detroit, Mich.
Application February 28, 1947, Serial No. 137,226
Term of patent 14 years
(Cl. D29—23)



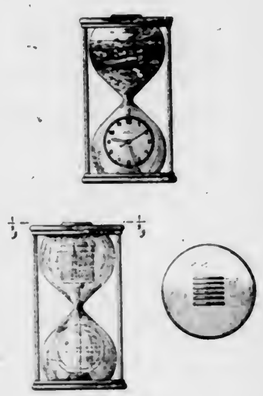
The ornamental design for a figurine, as shown.

149,261
DESIGN FOR A HOLDER FOR A CYLINDRICAL FIRE EXTINGUISHER OR SIMILAR ARTICLE
Armand De Mott, Fords, N. J., assignor to Amity Manufacturing Corp., Perth Amboy, N. J., a corporation of New Jersey
Application October 2, 1946, Serial No. 133,695
Term of patent 14 years
(Cl. D16—2)



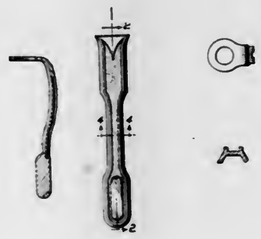
The ornamental design for a holder for a cylindrical fire extinguisher or similar article, as shown.

149,262
DESIGN FOR AN ILLUMINABLE HOROLOGICAL INSTRUMENT OR SIMILAR ARTICLE
Royal Doolin, Newark, N. J.
Application April 23, 1947, Serial No. 138,554
Term of patent 14 years
(Cl. D42—7)



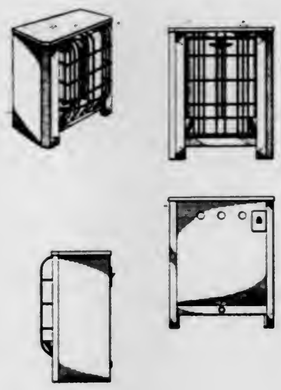
The ornamental design for an illuminable horological instrument or similar article, as shown.

149,263
DESIGN FOR A FOUNTAIN PEN CLIP OR SIMILAR ARTICLE
Fred Ferber, Englewood, N. J., assignor to Rolla Ball Pen Corp., New York, N. Y., a corporation of New York
Application June 1, 1946, Serial No. 130,325
Term of patent 3½ years
(Cl. D74—1)



The ornamental design for a fountain pen clip or similar article, as shown.

149,264
DESIGN FOR AN ELECTRIC HEATER
Raymond L. Fitch, West Los Angeles, Calif., assignor to The Firan Co., Santa Monica, Calif., a corporation of California
Application July 8, 1946, Serial No. 131,361
Term of patent 14 years
(Cl. D81—10)



The ornamental design for an electric heater, substantially as shown.

149,265
DESIGN FOR AN ASH TRAY
Lanny Grey, New York, N. Y.
Application September 25, 1946, Serial No. 133,552
Term of patent 14 years
(Cl. D85—2)



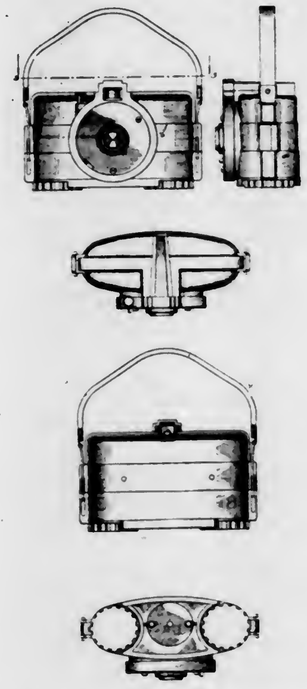
The ornamental design for an ash tray, as shown.

149,266
DESIGN FOR A PORTABLE ELECTRIC SPACE HEATER
Wayne A. Gustafson, Minneapolis, Minn., assignor to M. S. Aviation Co., Minneapolis, Minn., a partnership comprised of John E. Magner and Warren J. Schneider, both of Minneapolis, Minn.
Application July 5, 1946, Serial No. 131,330
Term of patent 7 years
(Cl. D81—10)



The ornamental design for a portable electric space heater, as shown.

149,267
DESIGN FOR A PHOTOGRAPHIC FILM CAMERA
Julius A. Henne, Rochester, N. Y., assignor to Webster Industries, Inc., Webster, N. Y., a corporation of New York
Application March 20, 1947, Serial No. 137,763
Term of patent 14 years
(Cl. D61—1)



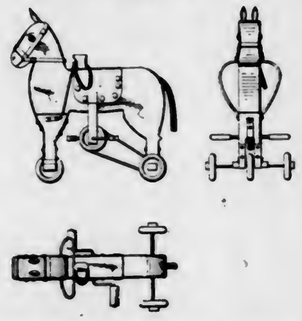
The ornamental design for photographic film camera, as shown.

149,268
DESIGN FOR A PERFUME BOTTLE STOPPER OR SIMILAR ARTICLE
John Herbst, New York, N. Y.
Application June 8, 1946, Serial No. 130,526
Term of patent 3½ years
(Cl. D58—10)



The ornamental design for a perfume bottle stopper or similar article, substantially as shown and described.

149,269
DESIGN FOR A HOBBYHORSE
Harold J. Hiller, Lancaster, Ohio
Application November 14, 1946, Serial No. 134,770
Term of patent 14 years
(Cl. D34—15)

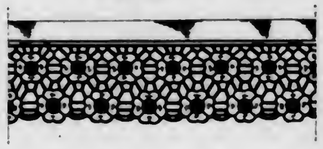


The ornamental design for a hobbyhorse, substantially as shown.

149,270
DESIGN FOR A CHATELAINE BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 18, 1947, Serial No. 136,988
Term of patent 7 years
(Cl. D45—19)

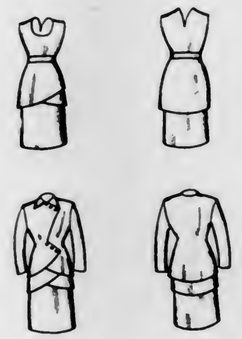
The ornamental design for a chatelaine brooch or similar article, substantially as shown.

149,271
DESIGN FOR AN EMBROIDERED TRIMMING
Herman Kaufman, New York, N. Y.
Application April 21, 1947, Serial No. 138,510
Term of patent 7 years
(Cl. D92—1)



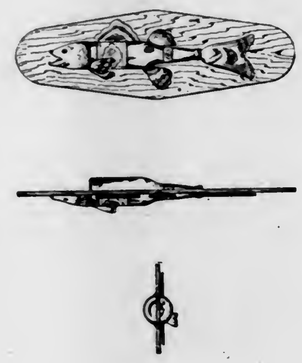
The ornamental design for an embroidered trimming, substantially as shown.

149,272
DESIGN FOR A DRESS ENSEMBLE
Joe Kipness, New York, N. Y., assignor to Joe Kipness, Inc., a corporation of New York
Application June 26, 1947, Serial No. 139,935
Term of patent 3½ years
(Cl. D3—26)



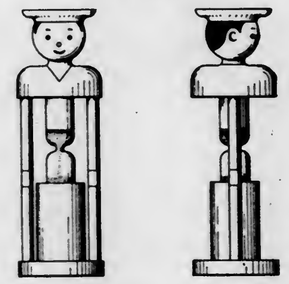
The ornamental design for a dress ensemble, substantially as shown.

149,273
DESIGN FOR AN ADVERTISING PLAQUE
Charles Kompas, Milwaukee, Wis.
Application June 3, 1946, Serial No. 130,362
Term of patent 7 years
(Cl. D1—12)



The ornamental design for an advertising plaque, substantially as shown.

149,274
DESIGN FOR A SANDGLASS
Marianne L. Lavine, Bala-Cynwyd, Pa.
Application December 4, 1946, Serial No. 135,246
Term of patent 3½ years
(Cl. D42—7)



The ornamental design for a sandglass, substantially as shown.

149,275
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
George J. Lederer, Providence, R. I.
Application March 18, 1947, Serial No. 137,709
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, as shown.

149,276
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
George J. Lederer, Providence, R. I.
Application March 18, 1947, Serial No. 137,711
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, as shown.

149,277
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
George J. Lederer, Providence, R. I.
Application March 18, 1947, Serial No. 137,714
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, as shown.

149,278
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
George J. Lederer, Providence, R. I.
Application March 18, 1947, Serial No. 137,715
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, as shown.

149,279
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
George J. Lederer, Providence, R. I.
Application March 18, 1947, Serial No. 137,718
Term of patent 3½ years
(Cl. D45—19)



The ornamental design for a brooch or similar article, as shown.

149,280
DESIGN FOR A BOOK END
Alexander Leva, New York, N. Y.
Application November 20, 1946, Serial No. 134,947
Term of patent 3½ years
(Cl. D33—1)



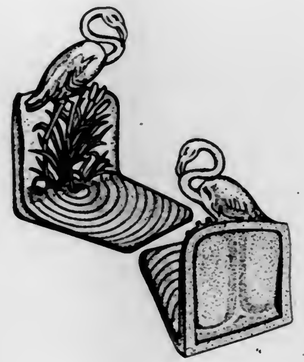
The ornamental design for a book end, substantially as shown.

149,281
DESIGN FOR A BOOK END
Alexander Leva, New York, N. Y.
Application November 20, 1946, Serial No. 134,948
Term of patent 3½ years
(Cl. D33—1)



The ornamental design for a book end, substantially as shown.

149,282
DESIGN FOR A BOOK END
Alexander Leva, New York, N. Y.
Application November 20, 1946, Serial No. 134,950
Term of patent 3½ years
(Cl. D33—1)



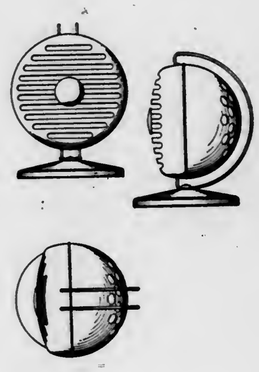
The ornamental design for a book end, substantially as shown.

149,283
DESIGN FOR A BOOK END
Alexander Leva, New York, N. Y.
Application November 20, 1946, Serial No. 134,951
Term of patent 3½ years
(Cl. D33—1)



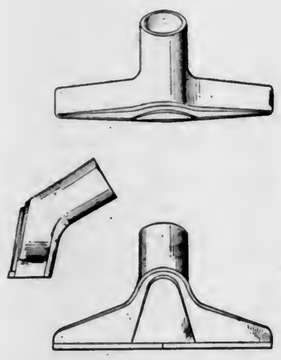
The ornamental design for a book end, substantially as shown.

149,284
DESIGN FOR AN ELECTRIC HEATER
Joshua Gordon Lippincott, New York, N. Y., assignor to Victor Electric Products, Inc., Cincinnati, Ohio, a corporation of Ohio
Application April 16, 1946, Serial No. 128,641
Term of patent 14 years
(Cl. D81—10)



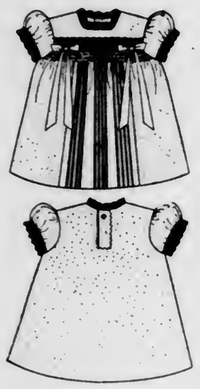
The ornamental design for an electric heater, as shown.

149,285
DESIGN FOR A VACUUM CLEANER NOZZLE
Joshua G. Lippincott, Scarsdale, N. Y., assignor to Lewyt Corporation, Brooklyn, N. Y., a corporation of New York
Application December 28, 1946, Serial No. 135,816
Term of patent 14 years
(Cl. D9—2)



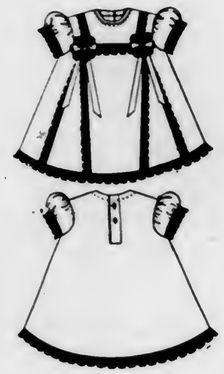
The ornamental design for a vacuum cleaner nozzle, as shown and described.

149,286
DESIGN FOR A DRESS
Rose Maliuk, Cliffside Park, N. J.
Application July 16, 1947, Serial No. 140,316
Term of patent 3½ years
(Cl. D3—26)



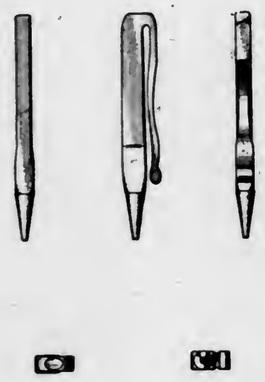
The ornamental design for a dress, substantially as shown.

149,287
DESIGN FOR A DRESS
Rose Maliuk, Cliffside Park, N. J.
Application July 16, 1947, Serial No. 140,317
Term of patent 3½ years
(Cl. D3—26)



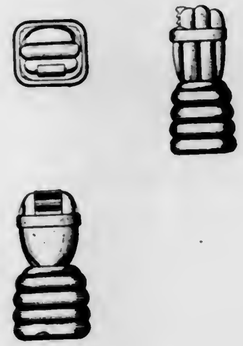
The ornamental design for a dress, substantially as shown.

149,288
DESIGN FOR A COMBINED TIE CLIP AND PENCIL
Richard B. Maxwell, Brooklyn, N. Y.
Application September 9, 1946, Serial No. 133,200
Term of patent 7 years
(Cl. D74—24)



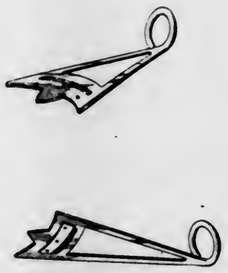
The ornamental design for a combined tie clip and pencil, substantially as shown.

149,289
DESIGN FOR AN ATOMIZER OR THE LIKE
Clara E. McNutt, Toledo, Ohio
Application April 23, 1947, Serial No. 138,560
Term of patent 14 years
(Cl. D83—1)



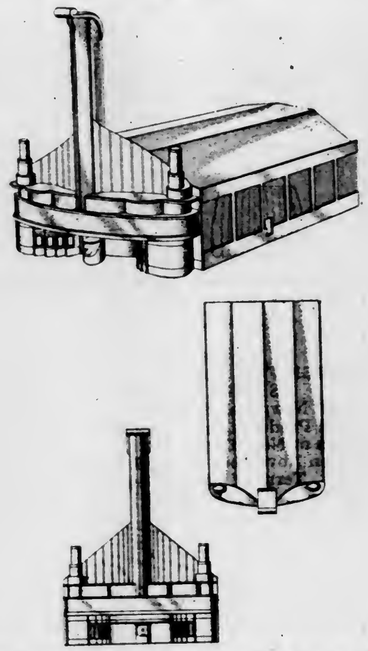
The ornamental design for an atomizer or the like, as shown and described.

149,290
DESIGN FOR A VEGETABLE AND FRUIT PEELER
Laura R. Meyran, Fresno, Calif., assignor of one-half to Sterling N. Schein and Forrest Lark, both of Fresno, Calif.
Application September 16, 1946, Serial No. 133,354
Term of patent 3½ years
(Cl. D22—3)



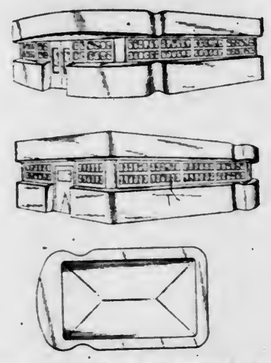
The ornamental design for a vegetable and fruit peeler, as shown.

149,291
DESIGN FOR A THEATRE
Carl G. Moeller, Los Angeles, Calif., assignor to Fox West Coast Theatres Corporation, Los Angeles, Calif., a corporation of Delaware
Application August 13, 1946, Serial No. 132,471
Term of patent 14 years
(Cl. D13—1)



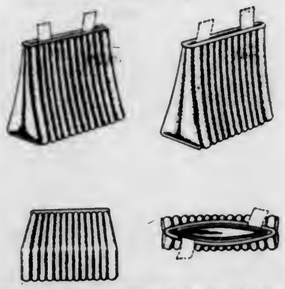
The ornamental design for a theatre, as shown and described.

149,292
DESIGN FOR A BUILDING
Arthur T. Moore, Fayetteville, N. C.
Application November 4, 1946, Serial No. 134,512
Term of patent 14 years
(Cl. D13—1)



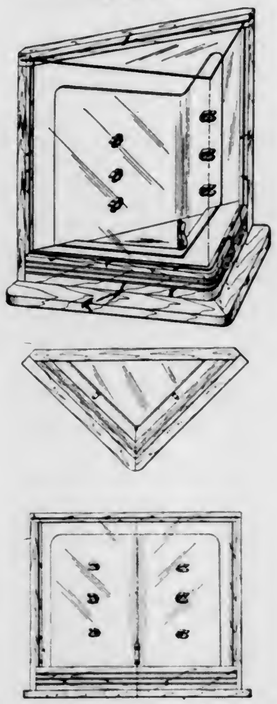
The ornamental design for a building, substantially as shown.

149,293
DESIGN FOR A HANDBAG OR SIMILAR ARTICLE
Harry Morris, Chicago, Ill.
Application April 15, 1947, Serial No. 138,399
Term of patent 14 years
(Cl. D87—3)



The ornamental design for a handbag or similar article, substantially as shown and described.

149,294
DESIGN FOR A DISPLAY STAND OR SIMILAR ARTICLE
Monroe H. Newman, Brooklyn, N. Y., assignor to Duranol Products, Inc., Brooklyn, N. Y., a corporation of New York
Application November 19, 1946, Serial No. 134,899
Term of patent 3½ years
(Cl. D80—9)



The ornamental design for a display stand or similar article, as shown.

149,295
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application July 26, 1947, Serial No. 140,529
Term of patent 7 years
(Cl. D45—19)



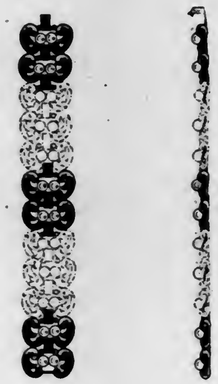
The ornamental design for a brooch or similar article, substantially as shown.

149,296
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y.
Application July 29, 1947, Serial No. 140,593
Term of patent 7 years
(Cl. D45—16)



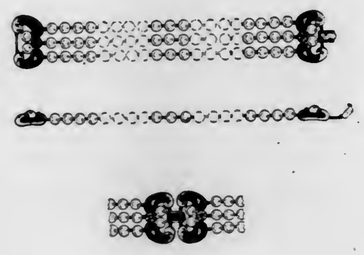
The ornamental design for a necklace or similar article, substantially as shown.

149,297
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman and Fishel, Inc., New York, N. Y.
Application August 6, 1947, Serial No. 140,719
Term of patent 7 years
(Cl. D45—4)



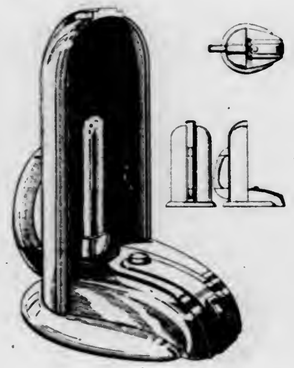
The ornamental design for a bracelet or similar article, substantially as shown and described.

149,298
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
Alfred Philippe, Scarsdale, N. Y., assignor to Trifari, Krussman and Fishel, Inc., New York, N. Y.
Application August 6, 1947, Serial No. 140,720
Term of patent 7 years
(Cl. D45—4)



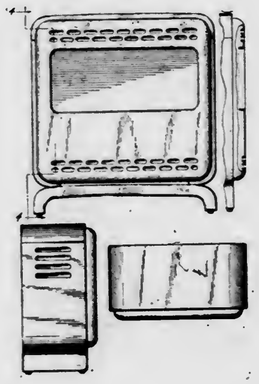
The ornamental design for a bracelet or similar article, substantially as shown and described.

149,299
DESIGN FOR AN ELECTRIC IRRADIATION DEVICE OR THE LIKE
Jules Radinsky, Seattle, Wash.
Application May 6, 1946, Serial No. 129,360
Term of patent 3½ years
Cl. D48—20)



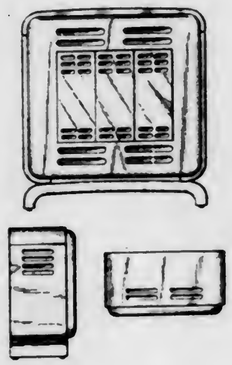
The ornamental design for an electric irradiation device, or the like, as shown.

149,300
DESIGN FOR A SPACE HEATER CASING
Jean O. Reinecke, Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application May 24, 1946, Serial No. 130,036
Term of patent 3½ years
(Cl. D81—19)



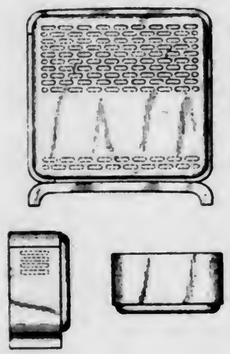
The ornamental design for a space heater casing, substantially as shown and described.

149,301
DESIGN FOR A SPACE HEATER CASING
Jean O. Reinecke, Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application May 24, 1946, Serial No. 130,038
Term of patent 3½ years
(Cl. D81—19)



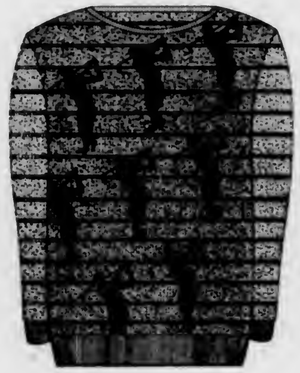
The ornamental design for a space heater casing, substantially as shown and described.

149,302
DESIGN FOR A SPACE HEATER CASING
Jean O. Reinecke, Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application June 10, 1946, Serial No. 130,567
Term of patent 3½ years
(Cl. D81—19)



The ornamental design for a space heater casing, substantially as shown and described.

149,303
DESIGN FOR A SWEATER
John Rosenfeld, Philadelphia, Pa.
Application September 4, 1946, Serial No. 133,041
Term of patent 3½ years
(Cl. D3—4)



The ornamental design for a sweater, substantially as shown and described.

149,304
DESIGN FOR A SWEATER
John Rosenfeld, Philadelphia, Pa.
Application September 4, 1946, Serial No. 133,042
Term of patent 3½ years
(Cl. D3—4)



The ornamental design for a sweater, substantially as shown and described.

149,305
DESIGN FOR A SWEATER
John Rosenfeld, Philadelphia, Pa.
Application September 4, 1946, Serial No. 133,043
Term of patent 3½ years
(Cl. D3—4)



The ornamental design for a sweater, substantially as shown and described.

149,306
DESIGN FOR A SWEATER
John Rosenfeld, Philadelphia, Pa.
Application September 4, 1946, Serial No. 133,044
Term of patent 3½ years
(Cl. D3—4)



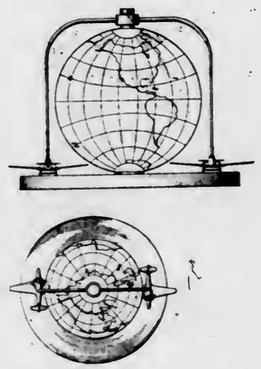
The ornamental design for a sweater, substantially as shown and described.

149,307
DESIGN FOR A SWEATER
John Rosenfeld, Philadelphia, Pa.
Application September 4, 1946, Serial No. 133,045
Term of patent 3½ years
(Cl. D3—4)



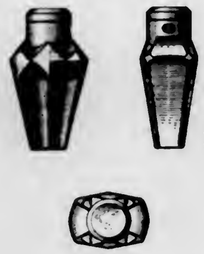
The ornamental design for a sweater, substantially as shown and described.

149,308
DESIGN FOR AN AIRPLANE TOY
Theodore A. Schaad, Detroit, Mich.
Application April 10, 1946, Serial No. 128,464
Term of patent 14 years
(Cl. D34—15)



The ornamental design for an airplane toy, substantially as shown.

149,309
DESIGN FOR AN ATOMIZER
Victor R. Schlesinger, Los Angeles, Calif.
Application November 19, 1946, Serial No. 134,903
Term of patent 3½ years
(Cl. D83—1)



The ornamental design for an atomizer, as shown.

149,310
DESIGN FOR A WATER KETTLE
Peter Schlumbohm, New York, N. Y.
Application October 7, 1946, Serial No. 133,814
Term of patent 14 years
(Cl. D44—25)



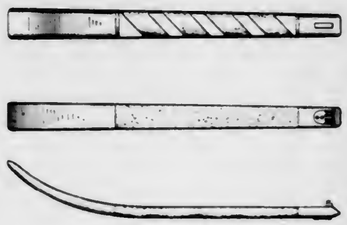
The ornamental design for a water kettle, as shown.

149,311
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Walter G. Schreiber, New York, N. Y.
Application March 15, 1947, Serial No. 137,618
Term of patent 3½ years
(Cl. D45—19)



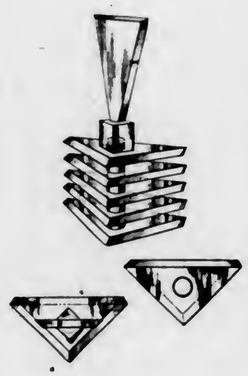
The ornamental design for a brooch or similar article, substantially as shown.

149,312
DESIGN FOR A TEMPLE MEMBER FOR SPECTACLES OR SIMILAR ARTICLES
Morris Schwartz, Sunnyside, N. Y.
Application February 27, 1947, Serial No. 137,196
Term of patent 3½ years
(Cl. D57—1)



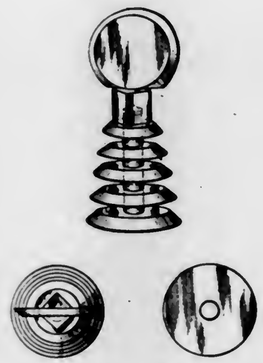
The ornamental design for a temple member for spectacles or similar articles, as shown.

149,313
DESIGN FOR A PERFUME BOTTLE
Beatrice A. Shapiro, Chicago, Ill.
Application April 27, 1946, Serial No. 129,052
Term of patent 3½ years
(Cl. D58—6)



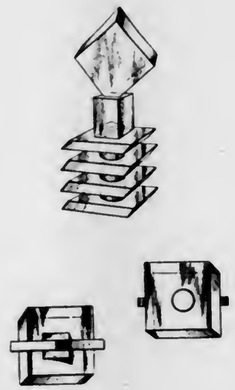
The ornamental design for a perfume bottle, as shown.

149,314
DESIGN FOR A PERFUME BOTTLE
Beatrice A. Shapiro, Chicago, Ill.
Application April 27, 1946, Serial No. 129,053
Term of patent 3½ years
(Cl. D58—8)



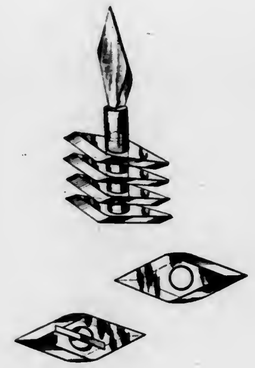
The ornamental design for a perfume bottle, as shown.

149,315
DESIGN FOR A PERFUME BOTTLE
Beatrice A. Shapiro, Chicago, Ill.
Application April 27, 1946, Serial No. 129,054
Term of patent 3½ years
(Cl. D58—6)



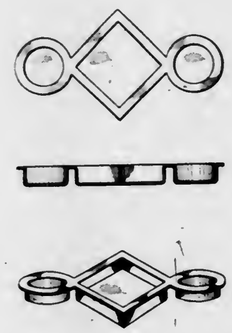
The ornamental design for a perfume bottle, as shown.

149,316
DESIGN FOR A PERFUME BOTTLE
Beatrice A. Shapiro, Chicago, Ill.
Application April 27, 1946, Serial No. 129,055
Term of patent 3½ years
(Cl. D58—6)



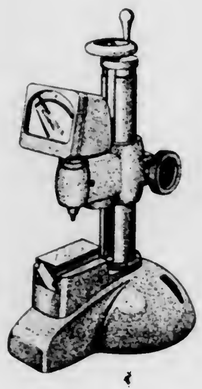
The ornamental design for a perfume bottle, as shown.

149,317
DESIGN FOR A SANDWICH TRAY OR SIMILAR ARTICLE
Lenore Sonn, New Haven, Conn.
Application May 23, 1946, Serial No. 130,025
Term of patent 7 years
(Cl. D44—10)



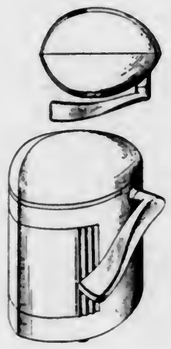
The ornamental design for a sandwich tray or similar article as shown.

149,318
DESIGN FOR A HEIGHT MEASURING GAUGE
John E. Sonnhalter, South Euclid, Ohio, assignor, by mesne assignments, to Jack & Heintz Precision Industries, Inc., Cleveland, Ohio, a corporation of Delaware
Application March 2, 1946, Serial No. 127,036
Term of patent 3½ years
(Cl. D52—1)



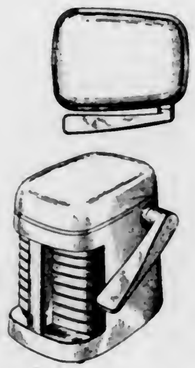
The ornamental design for a height measuring gauge, substantially as shown.

149,319
DESIGN FOR A JUICE EXTRACTOR
Albert M. Travis, Kansas City, Kans.
Application November 4, 1946, Serial No. 134,505
Term of patent 14 years
(Cl. D89—1)



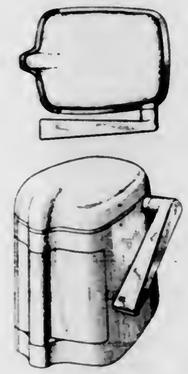
The ornamental design for a juice extractor, substantially as shown.

149,320
DESIGN FOR A JUICE EXTRACTOR
Albert M. Travis, Kansas City, Kans.
Application November 4, 1946, Serial No. 134,506
Term of patent 14 years
(Cl. D89—1)



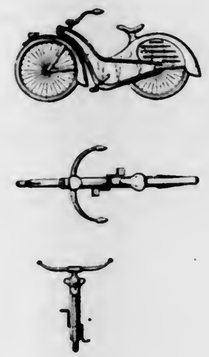
The ornamental design for a juice extractor, substantially as shown.

149,321
DESIGN FOR A JUICE EXTRACTOR
Albert M. Travis, Kansas City, Kans.
Application November 4, 1946, Serial No. 134,507
Term of patent 14 years
(Cl. D89—1)



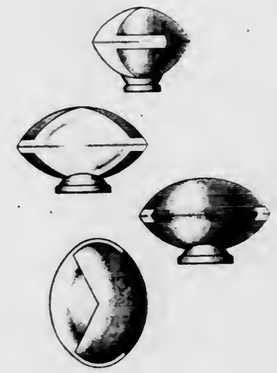
The ornamental design for a juice extractor, substantially as shown.

149,322
DESIGN FOR A BICYCLE
Otto A. Trnka, Saugerties, N. Y.
Application June 10, 1946, Serial No. 130,575
Term of patent 14 years
(Cl. D90—8)



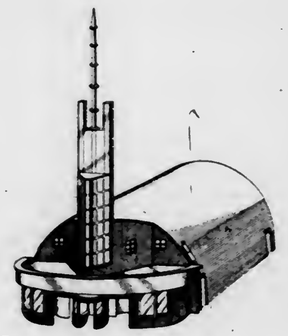
The ornamental design for a bicycle, as shown.

149,323
DESIGN FOR A LIGHT FIXTURE
Charles A. Trowbridge, Roxborough, Pa., assignor to Taber Associates, Philadelphia, Pa., a firm composed of Philip Taber and Richard C. Paige
Application February 6, 1947, Serial No. 136,721
Term of patent 3½ years
(Cl. D72—1)

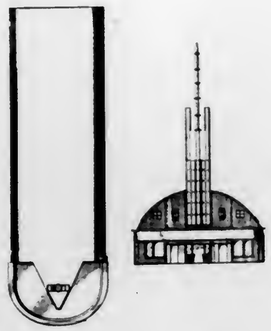


The ornamental design for a light fixture, substantially as shown.

149,324
DESIGN FOR A THEATRE
Albert R. Walker, Los Angeles, Calif., assignor to Fox West Coast Theatres Corporation, Los Angeles, Calif., a corporation of Delaware
Application September 9, 1946, Serial No. 133,191
Term of patent 14 years
(Cl. D13—1)



149,324—Continued



The ornamental design for a theatre, as shown and described.

149,325
DESIGN FOR A DINNER PLATE OR SIMILAR ARTICLE
John T. Wigley, Syracuse, N. Y., assignor to Onondaga Pottery Company, Syracuse, N. Y., a corporation of New York
Application February 26, 1946, Serial No. 126,920
Term of patent 14 years
(Cl. D44—15)



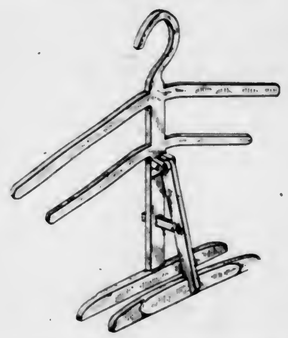
The ornamental design for a dinner plate or similar article, as shown and described.

149,326
DESIGN FOR A TRAY
Grant Wortman, Chicago, Ill.
Application April 16, 1946, Serial No. 128,647
Term of patent 3½ years
(Cl. D44—10)



The ornamental design for a tray, as shown and described.

149,327
DESIGN FOR A GARMENT HANGER
Hugh B. Young, Denver, Colo., assignor to Triplex, Inc., a corporation of Colorado
Application June 21, 1947, Serial No. 139,853
Term of patent 7 years
(Cl. D80—8)



The ornamental design for a garment hanger, as shown.

Official Gazette

UNITED STATES PATENT OFFICE

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W. AVERELL HARRIMAN, *Secretary*

U. S. Patent Office

LAWRENCE C. KINGSLAND, *Commissioner*

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Trade-Marks	124—No.	438,371 to No.	438,494,	inclusive
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Reissues	2—No.	22,993 to No.	22,994,	inclusive
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Patents expiring: Patent Numbers 1,801,252 to 1,802,322, inclusive, issued April 21, 1931, expire April 21, 1948

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

Ac-Re Chemical Co.: *See*—
Lewenstein, M. J.

Acryvin Corporation of America, Long Island, N. Y. Syrups or solutions of polymerizable synthetic resins. Serial No. 515,812, Apr. 20. Class 1.

Adco, Inc., Sedalia, Mo. Preparation for removing spots from garments and fabrics. Serial No. 531,638, Apr. 20. Class 4.

Aero Needle Company, Chicago, Ill. Phonograph needles. Serial No. 514,583, Apr. 20. Class 36.

Alexander, Allan, doing business as Allan Alexander Co., New York, N. Y. Hair paste. Serial No. 531,975, Apr. 20. Class 6.

Alexander, Allan, Co.: *See*—
Alexander, Allan.

Amco Sports Distributors, St. Louis, Mo. Men's and women's sport apparel. Serial No. 530,278, Apr. 20. Class 39.

American Crucible Company, Shelton, Conn. Refractories. Serial Nos. 500,726–7, Apr. 20. Class 12.

American Optical Company, Southbridge, Mass. Optical lens machine tools. Serial No. 524,437, Apr. 20. Class 23.

American Rolling Mill Company, The, Middletown, Ohio. Alloy steel and corrosion-resisting alloy steel. Serial No. 527,739, Apr. 20. Class 14.

American Thermo Appliance Company, Milwaukee, Wis. Electric sadirons. Serial No. 505,722, Apr. 20. Class 21.

Animal Trap Company of America, Lititz, Pa. Bait. Serial No. 518,510, Apr. 20. Class 22.

Appleton Electric Company, Chicago, Ill. Electrical apparatus. Serial No. 526,647, Apr. 20. Class 21.

Armour and Company, Chicago, Ill. Coated abrasive products. Serial No. 528,679, Apr. 20. Class 4.

Armour and Company, Chicago, Ill. Toilet powders and baby oil. Serial No. 532,901, Apr. 20. Class 6.

Associated Portland Cement Manufacturers, The, Limited, London, England. Preparations in powder form consisting principally of cement for use in building or decoration. Serial No. 525,057, Apr. 20. Class 12.

Bean Sprout Growers Association, Inc., assignor to Jeno F. Paulucci, Duluth, Minn. Canned bean sprouts, chop suey or chow mein vegetables, etc. Serial No. 512,569, Apr. 20. Class 46.

Belden Manufacturing Company, Chicago, Ill. Electrical wires, cables, and cordage, etc. Serial No. 530,615, Apr. 20. Class 21.

Belding Heminway Company, assignor to Belding Heminway Company, Inc., New York, N. Y. Threads used for sewing, knitting, and weaving. Serial No. 535,464, Apr. 20. Class 43.

Belding Heminway Company, Inc.: *See*—
Belding Heminway Company.

Belle Frocks, Inc., New York, N. Y. Infants', children's and girls' dresses, jumpers, suits, etc. Serial No. 512,103, Apr. 20. Class 39.

Belmont Shirt Company, New York, N. Y. Men's shirts, sport shirts, shorts, etc. Serial No. 499,988, Apr. 20. Class 39.

Bilfred Enterprises, Los Angeles, Calif. Periodical published at intervals. Serial No. 508,965, Apr. 20. Class 38.

Bird & Sons, Inc., East Walpole, Mass. Asphalt shingles. Serial No. 532,905, Apr. 20. Class 12.

Bishop, Stephen, Waban, Mass. Educational and amusement device. Serial No. 514,883, Apr. 20. Class 22.

Berlage, J., Co., Inc., New York, N. Y. Methyl bromide. Serial No. 510,006, Apr. 20. Class 6.

Bettner, Louis C., Seattle, Wash. Chopping boards. Serial No. 515,652, Apr. 20. Class 23.

Blancard & Co., Inc., New York, N. Y. Finger rings. Serial No. 534,081, Apr. 20. Class 28.

Brac, S. A., Soleure, Switzerland. Watches and parts thereof. Serial No. 516,950, Apr. 20. Class 27.

Bryte Spot Products: *See*—
Lewis, Rae W.

C. B. G. Development Co.: *See*—
Goodstein, Charles B.

Cal-Pro Laboratories Inc., Los Angeles, Calif. Scientifically compounded preparation for relief of hyperacidity, ulcerations, etc. Serial No. 534,509, Apr. 20. Class 6.

Central Soya Company, Inc., Fort Wayne, Ind. Livestock and poultry feeds and feed concentrates. Serial No. 505,557, Apr. 20. Class 46.

Central Soya Company, Inc., Fort Wayne, Ind. Soy bean flour, lecithin for food purposes, toasted expanded soy bean material, etc. Serial No. 505,558, Apr. 20. Class 46.

Charbach, R. F., Co., Chicago, Ill. Refrigerator deodorant. Serial No. 515,656, Apr. 20. Class 6.

Chicago Belting Company, Chicago, Ill. Leather belting. Serial No. 532,389, Apr. 20. Class 35.

Church & Dwight Co., Inc., New York, N. Y. Baking powder. Serial No. 526,749, Apr. 20. Class 46.

Ciba Pharmaceutical Products, Inc., Summit, N. J. Preparation for use in sex hormone therapy. Serial No. 516,396, Apr. 20. Class 6.

Clark, J. R., Company, The, Minneapolis, Minn. Clothes drying racks. Serial No. 530,378, Apr. 20. Class 24.

Clock-Wise Fashions: *See*—
Miller, Gerald F.

Coastal Oil Company, Newark, N. J. Fuel oil and bunker oil, for heating, burning and internal combustion, and for both domestic and industrial use. Serial No. 520,016, Apr. 20. Class 15.

Cohen, Bertha H., Stelton, N. J. Cold cream, hand cream, face cream, etc. Serial No. 515,698, Apr. 20. Class 6.

Colibri Lighters Limited, London, England. Ash trays, cigar and cigarette cases and boxes, combination cigarette cases and lighters, etc. Serial No. 496,370, Apr. 20. Class 8.

Columbia Ribbon & Carbon Manufacturing Company, Inc., Glen Cove, N. Y. Ink eradicator. Serial No. 516,956, Apr. 20. Class 6.

Compass Manufacturing Co.: *See*—
Porte Manufacturing Co. Inc.

Conn, C. G. Ltd., Elkhart, Ind. Stroboscopic apparatus for measuring the frequencies of sounds. Serial No. 496,767, Apr. 20. Class 26.

Consolidated Millinery Company, Chicago, Ill. Ladies' and children's hats. Serial No. 505,467, Apr. 20. Class 39.

Coralite Dental Products Company, Chicago, Ill. Dental impression materials of alginate composition. Serial No. 512,579, Apr. 20. Class 44.

Cribben and Sexton Company, Chicago, Ill. Stoves, ranges, and hot-air furnaces. Serial No. 531,776, Apr. 20. Class 34.

Custer, Benjamin L., Marietta, Ga. Hosiery for infants and children. Serial No. 522,989, Apr. 20. Class 39.

Davio, Joseph C., Agawam, Mass. Personal leather goods. Serial No. 521,116, Apr. 20. Class 3.

Davis-Cleaver Produce Company, Quincy, Ill. Dressed eviscerated poultry. Serial No. 508,273, Apr. 20. Class 46.

Dow Chemical Company, The, Midland, Mich. Aromatic chemical. Serial Nos. 540,051–2, Apr. 20. Class 6.

Dry Air Products Corp., Orlando, Fla. Silica gel. Serial No. 526,514, Apr. 20. Class 6.

Duke Manufacturing Co., St. Louis, Mo. Pastry counters, bakers' tables, setup tables, etc. Serial No. 527,170, Apr. 20. Class 32.

Durham Hosiery Mills, Durham, N. C. Hosiery. Serial Nos. 526,946–7, Apr. 20. Class 39.

E & J Manufacturing Co., Glendale, Calif. Resuscitators, oxygenators, and cases. Serial No. 523,249, Apr. 20. Class 44.

Easterling Company, The, Chicago, Ill. Sterling silver flatware and hollow ware. Serial No. 534,253, Apr. 20. Class 28.

Endo Products Inc., Richmond Hill, N. Y. Medicine. Serial No. 542,751, Apr. 20. Class 6.

Ero Manufacturing Company, Chicago, Ill. Hassocks. Serial No. 531,582, Apr. 20. Class 32.

Eronel Industries, Los Angeles, Calif. Resinous textile sizing composition. Serial No. 496,771, Apr. 20. Class 6.

Famous Model Co.: *See*—
Menten, Theodore J.

Feldstein, Zadek, Co., Inc., New York, N. Y. Toy rattles, teething toys, dolls, etc. Serial No. 487,775, Apr. 20. Class 22.

Filice & Perrelli Canning Company, Inc., Richmond, Calif. Canned fruits and canned vegetables. Serial No. 542,020, Apr. 20. Class 46.

First Texas Chemical Mfg. Co., Dallas, Tex. Emulsion of sulfadiazine. Serial No. 523,955, Apr. 20. Class 6.

Food Machinery Corporation, San Jose, Calif. Insecticides. Serial No. 542,303, Apr. 20. Class 6.

Forster Manufacturing Co., Inc., Strong, Maine. Clothespins. Serial No. 505,192, Apr. 20. Class 24.

Frederick, John, Company, Chicago, Ill. Calendars. Serial No. 502,743, Apr. 20. Class 38.

Gantner & Mattern Company, San Francisco, Calif. Fluorescent fabrics. Serial No. 519,808, Apr. 20. Class 42.

Garay & Co., Inc., New York, N. Y. Apparel belts. Serial No. 517,986, Apr. 20. Class 39.

Garrett Corporation (Airsearch Manufacturing Company Division), The, Los Angeles, Calif. Automatic controlling valve units for regulating air pressure in compartments of aircraft, etc. Serial No. 506,925, Apr. 20. Class 26.

Gartner and Bender, Inc., Chicago, Ill. Greeting cards. Serial No. 537,887, Apr. 20. Class 38.

General Features Corporation, New York, N. Y. Newspaper column. Serial No. 539,039, Apr. 20. Class 38.

General Water Heater Corporation, Los Angeles, Calif. Gas heated hot-water storage systems and appliances. Serial No. 532,216, Apr. 20. Class 34.

Gilbert, William L., Clock Corporation, The, Winsted, Conn. Clocks. Serial No. 535,949, Apr. 20. Class 27.

Gilbert, William L., Clock Corporation, The, Winsted, Conn. Clocks. Serial No. 535,951, Apr. 20. Class 27.

Godfried Underwear Co., Inc., New York, N. Y. Ladies' slips, nightgowns, petticoats, etc. Serial No. 514,030, Apr. 20. Class 39.

Goodrich, B. F., Company, The, Akron, Ohio. Impervious clothing. Serial No. 510,230, Apr. 20. Class 39.

Goodstein, Charles B., doing business as C.B.G. Development Co., New Rochelle, N. Y. Artist's easel. Serial No. 520,160, Apr. 20. Class 32.

Gordon, Wolf, Cowen Co., Inc., New York, N. Y. Halvah candy. Serial No. 528,462, Apr. 20. Class 46.

Graham, John H., & Co., Inc., New York, N. Y. Clothes line. Serial No. 534,771, Apr. 20. Class 7.

Grant, Carroll B., Dallas, Tex. Wood awnings. Serial No. 503,511, Apr. 20. Class 12.

Grant, Carroll B., Dallas, Tex. Wood awnings. Serial No. 503,512, Apr. 20. Class 12.

Grant, Carroll B., Dallas, Tex. Wood awnings. Serial No. 503,513, Apr. 20. Class 12.

Greenebaum, J., Tanning Co., Chicago, Ill. Full-grained and buffed sole leather. Serial No. 529,036, Apr. 20. Class 1.

Greenebaum, J., Tanning Co., Chicago, Ill. Leather in the piece. Serial Nos. 529,037–8, Apr. 20. Class 1.

Greenspoon Clothing Co., Inc., now by change of name The Greenspoon Company, St. Louis, Mo. Women's coats and sport coats. Serial No. 488,322, Apr. 20. Class 39.

Greenspoon Company, The: *See*—
Greenspoon Clothing Co., Inc.

Griffin Chemical Company, San Francisco, Calif. Mixtures of petroleum alkyl sulphonates and polyhydric alcohols. Serial No. 531,791, Apr. 20. Class 6.

Griffin Chemical Company, San Francisco, Calif. Polyhydric alcohol-fatty acid esters. Serial No. 531,793, Apr. 20. Class 6.

H. & L. Clothing Co., Inc., New York, N. Y. Men's suits, jackets, and slacks. Serial No. 510,433, Apr. 20. Class 39.

Hampshire, F. W., and Company, Ltd., Sunnydale, Derby, England. Cough drops and cough mixture. Serial No. 532,406, Apr. 20. Class 6.

Hancock Oil Company of Calif., The, Long Beach, Calif. Lubricating oils and greases. Serial No. 508,996, Apr. 20. Class 15.

Hancock Oil Company of Calif., The, Long Beach, Calif. Heavy duty and Diesel engine oils and lubricating greases. Serial No. 508,997, Apr. 20. Class 15.

Hewitt Soap Company, Inc., The, Dayton, Ohio. Sudsing cleaner, cleanser and detergent. Serial No. 527,678, Apr. 20. Class 4.

Hochberg, Albert, Co., Inc., New York, N. Y. Ladies', misses', and girls' dresses, blouses, and jackets. Serial No. 518,403, Apr. 20. Class 39.

Hoefer, Chris P., doing business as J-D-D Lubricants Co., Sioux City, Iowa. Gasoline and tractor fuels, lubricating greases, lubricating oils. Serial No. 525,082, Apr. 20. Class 15.

Hood Chemical Co., Inc., Pittsburgh, Pa. Calcium hypochlorite. Serial No. 540,813, Apr. 20. Class 6.

Hospital Liquids, Inc., Chicago, Ill. Chemical preparation. Serial No. 529,767, Apr. 20. Class 4.

Houghland Packing Co., Inc., The, Franklin, Ind. Canned vegetables. Serial No. 533,895, Apr. 20. Class 46.

Hughes Brushes, Inc., assignor to Tek Hughes, Inc., New York, N. Y. Brush set consisting of a hair brush, clothes brush, and comb, all in a case. Serial No. 514,534, Apr. 20. Class 29.

Illinois Iron & Bolt Co., Carpentersville, Ill. Jack-screws. Serial No. 526,687, Apr. 20. Class 23.

Illinois Iron & Bolt Co., Carpentersville, Ill. Jack-screws. Serial No. 526,689, Apr. 20. Class 23.

Independent Lock Company, Fitchburg, Mass. Locks and keys. Serial No. 537,042, Apr. 20. Class 25.

J-D-D Lubricants Co.: *See*—
Hoefer, Chris P.

Jensen Manufacturing Company, Chicago, Ill. Electrical apparatus. Serial No. 527,518, Apr. 20. Class 21.

Jorgensen, Juanita, San Francisco, Calif. Women's garments. Serial No. 517,486, Apr. 20. Class 39.

Kimberly-Clark Corporation, Neenah, Wis. Book paper. Serial No. 531,807, Apr. 20. Class 37.

King Record Co., assignee: *See*—
Royal Plastics Corporation.

Kip Corporation, Ltd., assignee: *See*—
McCusker, William C.

Kisco Company, Inc., St. Louis, Mo. Deflector type air circulators. Serial No. 530,647, Apr. 20. Class 21.

Kress & Owen Company, New York, N. Y. Alkaline, deodorizing and non-irritating solution for application to skin and mucous membranes. Serial No. 534,639, Apr. 20. Class 6.

Kropp, Michael, doing business as Tanners Corner Barber Shop, South River, N. J. Dandruff, hair, and scalp lotions. Serial No. 503,299, Apr. 20. Class 6.

Lady Esther, Ltd., Chicago, Ill. Lipstick and lip coloring material. Serial No. 535,319, Apr. 20. Class 6.

Les Parfums de Dana, Inc., New York, N. Y. Toilet preparations, perfumery, and cosmetics, etc. Serial No. 542,603, Apr. 20. Class 6.

Lewenstein, M. J., doing business as Ac-Re Chemical Co., New York, N. Y. Reagent for acetone. Serial No. 532,037, Apr. 20. Class 6.

Lewis Asphalt Engineering Corporation, New York, N. Y., and Clark, N. J. Emulsified asphalt with fibre. Serial No. 531,222, Apr. 20. Class 12.

Lewis, Rae W., doing business as Bryte Spot Products, Bloomingdale, Mich. Washing compound. Serial No. 512,183, Apr. 20. Class 4.

Lewis-Shepard Products Inc., Watertown, Mass. Materials-handling equipment. Serial No. 486,961, Apr. 20. Class 23.

Lipton, Thomas J., Inc., Hoboken, N. J. Tea. Serial Nos. 531,690–1, Apr. 20. Class 46.

Lloyd-Sargent Co.: *See*—
McMath, John N.

Loewinsohn, Joseph A., Atlanta, Ga. Measuring take for determining sleeve lengths and collar sizes of shirts. Serial No. 527,321, Apr. 20. Class 26.

Lorillard, P., Company, New York, N. Y. Little cigars. Serial No. 525,355, Apr. 20. Class 17.

Lorillard, P., Company, New York, N. Y. Smoking tobacco. Serial No. 525,617, Apr. 20. Class 17.

Lorillard, P., Company, New York, N. Y. Cigars. Serial No. 525,632, Apr. 20. Class 17.

Lorillard, P., Company, New York, N. Y. Smoking and chewing tobacco. Serial Nos. 536,917–18, Apr. 20. Class 17.

Lorillard, P., Company, New York, N. Y. Smoking tobacco. Serial No. 536,920, Apr. 20. Class 17.

Lorillard, P., Company, New York, N. Y. Chewing and smoking tobacco. Serial No. 536,922, Apr. 20. Class 17.

Lynn Products Co., Chicago, Ill. Punches, screw drivers and manually used mechanics and automobile body repair tools. Serial No. 515,573, Apr. 20. Class 23.

Magnavox Company, The, Fort Wayne, Ind. Radio receiving sets and radio phonograph combination sets. Serial No. 532,737, Apr. 20. Class 21.

Majestic Company, The: *See*—
Nie, Grover M.

Manna Merchandise Co., New York, N. Y. Kitchen knives and forks, poultry shears and pocket knives. Serial No. 502,759, Apr. 20. Class 23.

Marcalus Manufacturing Co., Inc., East Paterson, N. J. Paper sandwich bags. Serial No. 506,761, Apr. 20, Class 2.

Markem Machine Company, Keene, N. H. Printers' ink. Serial No. 535,976, Apr. 20. Class 11.

Mayers, L. & C., Co., Inc., New York, N. Y. Watches and parts thereof. Serial No. 534,905, Apr. 20. Class 27.

McCusker, William C., assignor to Kip Corporation, Ltd., Los Angeles, Calif. Liquid for protecting the skin from sunburn. Serial No. 491,664, Apr. 20. Class 6.

McKnight, Irene, New York, N. Y. Perfume and sachet powder. Serial No. 518,547, Apr. 20. Class 6.

McMath, John N., Company, doing business as Lloyd-Sargent Co., New Rochelle, N. Y. Soap and soap powders. Serial No. 518,241, Apr. 20. Class 4.

Meier & Frank Co.: *See*—
Meier & Frank Co., Inc.

Meier & Frank Co., Inc., doing business as Meier & Frank Co., Portland, Oreg. Men's and boys' suits and overcoats; outer shirts, etc. Serial No. 531,495, Apr. 20. Class 39.

Menten, Theodore J., doing business as Famous Model Co., Baldwin, N. Y. Miniature toy electric motors. Serial No. 513,752, Apr. 20. Class 22.

Merz, F. O., & Co., Philadelphia, Pa. Pocketbooks, portfolios, billfolds, etc. Serial No. 500,108, Apr. 20. Class 3.

Miller, Gerald F., doing business as Clock-Wise Fashions, Dallas, Tex. Dresses, play suits, outer skirts, slacks, etc. Serial No. 511,697, Apr. 20. Class 39.

Millisack, T. J., doing business as The Milli-Seal Company, Denver, Colo. Antiseptic medicinal bandages. Serial No. 513,520, Apr. 20. Class 6.

Milli-Seal Company: *See*—
Millisack, T. J.

Modern Controls Corporation, Detroit, Mich. Electric thermostatic remote control for gas water heaters. Serial No. 521,082, Apr. 20. Class 26.

Molinari, David A., San Francisco, Calif. Perfume, toilet water, cologne, etc. Serial No. 534,311, Apr. 20. Class 6.

Monarch Marking System Company, The, Dayton, Ohio. Price tags and tickets. Serial No. 531,697, Apr. 20. Class 37.

Murray, Alan E., Wilmington, Del. Roller skates and ice skates. Serial No. 509,866, Apr. 20. Class 22.

Myers, E. A., & Sons, Mt. Lebanon, Pittsburgh, Pa. Electrically operable hearing aid. Serial No. 526,836, Apr. 20. Class 44.

National Industrial Laundries, Newark, N. J. Laundry services. Serial No. 526,581, Apr. 20. Class 55.

National Silver Company, New York, N. Y. Sterling silver and silver plated flatware, hollow ware and tableware. Serial No. 533,353, Apr. 20. Class 28.

National Silver Company, New York, N. Y. Sterling silver and silver-plated flatware. Serial No. 534,046, Apr. 20. Class 28.

Nie, Grover M., doing business as The Majestic Company, Huntington, Ind. Electric broiler. Serial No. 516,497, Apr. 20. Class 21.

Noyes, Stanley E., doing business as Dental Perfection Company, Los Angeles, Calif. Dental plastic impression materials. Serial No. 521,802, Apr. 27. Class 44.

Nullo Company, The: *See*—
Wescott, F. Howard.

Od Peacock Sultan Company, St. Louis, Mo. Liquid vitamin preparation. Serial No. 535,345, Apr. 20. Class 6.

Parfums Chiaparelli, Inc., New York, N. Y. Perfumes. Serial No. 540,865, Apr. 20. Class 6.

Paulucci, Jeno F., assignee: *See*—
Bean Sprout Growers Association, Inc.

Phelps, Norman J., Palatine, Ill. Toilet soap and laundry soap. Serial No. 484,274, Apr. 20. Class 4.

Philadelphia Quartz Company, Philadelphia, Pa. Silicate of soda. Serial No. 543,035, Apr. 20. Class 6.

Philadelphia Quartz Company, Philadelphia, Pa. Silicate of soda. Serial No. 543,037, Apr. 20. Class 6.

Phillips Chemical Company, Chicago, Ill. Cleaning compound. Serial No. 486,628, Apr. 20. Class 4.

Photoswitch Incorporated, Cambridge, Mass. Electrical signal amplifying and/or relaying apparatus. Serial No. 514,288, Apr. 20. Class 21.

Pioneer Gen-E-Motor Corporation, Chicago, Ill. Power lawn mowers, hand lawn mowers, and garden tractors, etc. Serial Nos. 498,927–8, Apr. 20. Class 23.

Pioneer Suspender Company, Philadelphia, Pa. Men's suspenders. Serial No. 527,380, Apr. 20. Class 39.

Pittsburgh Electrical and Machine Works, Pittsburgh, Pa. Therapy tanks for foot baths. Serial No. 520,466, Apr. 20. Class 44.

Plastishield, Inc., Minneapolis, Minn. Nursing mothers' breast shields. Serial No. 523,725, Apr. 20. Class 44.

Plywood-Plastics Corporation, Hampton, S. C. Composition construction board consisting of laminations of phenolic resin bonded veneer or wood panels. Serial No. 477,123, Apr. 20. Class 12.

Point Adams Packing Co., Hammond, Oreg. Canned salmon. Serial No. 532,161, Apr. 20. Class 46.

Poloron Products, Inc., New Rochelle, N. Y. Metal liners. Serial No. 519,028, Apr. 20. Class 2.

Porte Manufacturing Co. Inc., doing business as Compass Manufacturing Co., Brooklyn, N. Y. Brake fluids. Serial No. 521,947, Apr. 20. Class 6.

Portis Style Industries, Inc., Chicago, Ill. Hats and caps for men and boys. Serial No. 514,775, Apr. 20. Class 39.

Powell & Campbell, Inc., New York, N. Y. Boots, shoes, slippers, sandals, etc. Serial No. 531,366, Apr. 20. Class 39.

Progressive Coat Co., New York, N. Y. Men's and boys' suits, topcoats, overcoats, etc. Serial No. 530,254, Apr. 20. Class 39.

Pyramid Leather Goods Co., Inc., New York, N. Y. Misses' and children's handbags. Serial No. 534,926, Apr. 20. Class 3.

Ranger Steel Products Corporation, Brooklyn, N. Y. Mechanical toys. Serial No. 506,126, Apr. 20. Class 22.

Raytheon Manufacturing Company, Newton, Mass. Frankfort sandwiches. Serial No. 510,345, Apr. 20. Class 46.

Raytheon Manufacturing Company, Newton, Mass. Prepared cake mix. Serial No. 510,346, Apr. 20. Class 46.

Raytheon Manufacturing Company, Newton, Mass. Buns containing hamburg patties. Serial No. 510,347, Apr. 20. Class 46.

Raytheon Manufacturing Company, Newton, Mass. Prepared muffin mix. Serial No. 510,349, Apr. 20. Class 46.

Raytheon Manufacturing Company, Newton, Mass. Prepared gingerbread mix. Serial No. 510,351, Apr. 20. Class 46.

Raytheon Manufacturing Company, Newton, Mass. Whole wheat flour. Serial No. 510,352, Apr. 20. Class 46.

Raytheon Manufacturing Company, Newton, Mass. Sandwiches. Serial No. 510,353, Apr. 20. Class 46.

Relda Trading Company, Inc., The, New York, N. Y. Finished leathers in the piece. Serial No. 522,175, Apr. 20. Class 1.

Riant Products Co., Long Island City, N. Y. Nail lacquers, lip sticks, and face powder. Serial No. 520,056, Apr. 20. Class 6.

Ritter-Price Company, Stockton, Calif. Fresh celery, lettuce, and cantaloupes. Serial No. 507,145, Apr. 20. Class 46.

Ronson Art Metal Works, Inc., Newark, N. J. Lighter fluid. Serial No. 506,961, Apr. 20. Class 6.

Roussell Corporation, Los Angeles, Calif. Electrically operated garbage grinders. Serial No. 524,350, Apr. 20. Class 21.

Royal Plastics Corporation, assignee of King Record Co., Cincinnati, Ohio. Grooved phonograph records. Serial No. 513,940, Apr. 20. Class 36.

Salsbury, Dr., Laboratories, Charles City, Iowa. Anthelmintics, antigens, bacterins, etc. Serial No. 533,205, Apr. 20. Class 6.

San Loo, Inc., St. Louis, Mo. Women's and misses' shoes of leather, fabric and combinations thereof; belts of the apparel type, and hats. Serial No. 526,542, Apr. 20. Class 39.

Scarne, John, Fairview, N. J. Games. Serial No. 506,479, Apr. 20. Class 22.

Schoonmaker Laboratories, Inc., Caldwell, N. J. Lubricating ointment. Serial No. 528,513, Apr. 20. Class 6.

Schultz-Rosky-Block Co., Chicago, Ill. Men's and boys' jackets, sweaters, beach and lounging robes, etc. Serial No. 526,768, Apr. 20. Class 39.

Sears, Roebuck and Co., Chicago, Ill. Men's billfolds, coin purses, money belts, etc. Serial No. 536,140, Apr. 20. Class 3.

Se-Ling Hosiery, Incorporated, Philadelphia, Pa. Hosiery. Serial No. 528,743, Apr. 20. Class 39.

Shawnee Products Company, Fort Lauderdale, Fla. Suntan oil. Serial Nos. 518,700–1, Apr. 20. Class 6.

Sheaffer, W. A., Pen Company, Fort Madison, Iowa. Mechanical pencils, parts thereof and leads therefor. Serial No. 439,297, Apr. 20. Class 37.

Shoecraft, Inc., New York, N. Y. Shoes. Serial No. 519,546, Apr. 20. Class 39.

Southern Lightweight Aggregate Corp., Norfolk, Va. Lightweight concrete aggregate. Serial No. 533,066, Apr. 20. Class 12.

Speedo Manufacturing Co. Inc., New York, N. Y. Flexible, shaft operated radial drills, grinders, and routers, etc. Serial No. 503,266, Apr. 20. Class 23.

Standard Fuel Engineering Company, Detroit, Mich. Fire brick. Serial No. 504,799, Apr. 20. Class 12.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Lubricating oil. Serial No. 525,133, Apr. 20. Class 15.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Lubricating oils. Serial No. 525,134, Apr. 20. Class 15.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Lubricating oils. Serial No. 525,135, Apr. 20. Class 15.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Naphtha. Serial No. 525,136, Apr. 20. Class 15.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Lubricating oils. Serial No. 525,137, Apr. 20. Class 15.

Stauffer Chemical Company, San Francisco, Calif. Sulphur. Serial No. 532,377, Apr. 20. Class 6.

Steinbugler, Lawrence J., Brooklyn, N. Y. Word-forming puzzle publications for use in newspapers, books, periodicals; etc. Serial No. 532,964, Apr. 20. Class 38.

Stewart-Warner Corporation, Chicago, Ill. Radio receivers. Serial No. 513,221, Apr. 20. Class 21.

Submerged Combustion Company of America, Inc., Hammond, Ind. Burners for direct combustion of fuel beneath a liquid level and control apparatus for operating said burners, and parts thereof. Serial No. 476,084, Apr. 20. Class 34.

Sulco Sales Corporation, New York, N. Y. Brake linings, clutch facings, fan belts, and radiator hose. Serial No. 517,172, Apr. 20. Class 35.

Swank, Inc., Attleboro, Mass. Wallets or billfolds. Serial No. 535,768, Apr. 20. Class 3.

Swanson, C. A., & Sons, Omaha, Nebr. Canned foods for animals. Serial No. 506,141, Apr. 20. Class 46.

Swanson, C. A., & Sons, Omaha, Nebr. Canned dog food. Serial No. 506,142, Apr. 20. Class 46.

Tanglefoot Company, The, Grand Rapids, Mich. Electric air compressor sprayer. Serial No. 526,813, Apr. 20. Class 23.

"Tanners Corner Barber Shop": *See*—
Kropp, Michael.

Technicon Co., The, New York, N. Y. Automatic immersion apparatus used in the preparation of histological specimens. Serial No. 526,690, Apr. 20. Class 26.

Tek Hughes, Inc.: *See*—
Hughes Brushes, Inc.

Thompson-Hayward Chemical Company, Kansas City, Mo. Insecticides. Serial No. 542,371, Apr. 20. Class 6.

Three Dimension Company, Inc., Chicago, Ill. Projectors for transparent still picture slides and films, transparency boxes for viewing still picture films, etc. Serial No. 513,697, Apr. 20. Class 26.

Tip-top Products Company, Omaha, Neb. Non-electric hair curlers, wave clips, and bachelor buttons. Serial No. 536,465, Apr. 20. Class 40.

United Co-Operatives, Inc., Alliance, Ohio. Asphalt-impregnated sheet roofing. Serial No. 535,909, Apr. 20. Class 12.

U. S. Sanitary Specialties Corporation, Chicago, Ill. Liquid toilet soap. Serial No. 531,631, Apr. 20. Class 4.

United States Stove Company, South Pittsburg, Tenn. Gas type radiant heaters. Serial No. 520,130, Apr. 20. Class 34.

Vaco Products Company, Chicago, Ill. Screw drivers, nut drivers, nut spinners, etc. Serial No. 516,233, Apr. 20. Class 23.

Vincent-McCall Company, The, Kenosha, Wis. Mattresses and boxsprings. Serial No. 630,269, Apr. 20. Class 32.

Ward Paper Company, Merrill, Wis. Bond paper. Serial No. 523,632, Apr. 20. Class 37.

Washburn, F. B., Candy Corporation, Brockton, Mass. Candy. Serial No. 491,903, Apr. 20. Class 46.

Webster-Chicago Corporation, Chicago, Ill. Electrically operated phonographs. Serial No. 517,807, Apr. 20. Class 21.

Wescott, F. Howard, doing business as The Nullo Company, New York, N. Y. Ingestible tablets. Serial No. 534,579, Apr. 20. Class 6.

West Disinfecting Company, Long Island City, N. Y. Insecticide. Serial No. 523,437, Apr. 20. Class 6.

Western Tablet & Stationery Corporation, Dayton, Ohio. Paper tablets. Serial No. 531,275, Apr. 20. Class 37.

Wetalene Laboratories, Inc., Columbus, Ohio. Powdered cleanser. Serial No. 517,679, Apr. 20. Class 4.

Wetherbee, Alexander P., Paris, Tex. Carburetors. Serial No. 504,591, Apr. 20. Class 23.

Wood, G. H., & Company Limited, Toronto, Ontario, Canada. Unfilled non-therapeutic atomizers and sprayers. Serial No. 510,223, Apr. 20. Class 23.

LIST OF REGISTRANTS OF TRADE-MARKS

Abbott Worsted Mills, Incorporated, Wilton, N. H. Piece goods of worsted, woolen, cotton, and silk. 306,291, Sept. 12, 1933. Republished Apr. 20. Class 42.

Aberdeen Combworks Company, The, Limited, Aberdeen, Scotland. Tortoise-shell and horn combs. 64,184, renewed July 30, 1947. O. G. Apr. 20. Class 40.

Abram's Hardwear Shoes, Philadelphia, Pa. Ladies' and girls' shoes. 438,393, Apr. 20; Serial No. 501,805, published Jan. 13, 1948. Class 39.

Abram's Hardwear Shoes, Philadelphia, Pa. Men's and boys' shoes. 438,394, Apr. 20; Serial No. 501,806, published Jan. 13, 1948. Class 39.

Ackles, Virgil E., doing business as Bakery Patents Manufacturing Co., Los Angeles, Calif. Doughnut and bakery goods manufacturing equipment. 438,465, Apr. 20; Serial No. 522,893, published Jan. 27, 1948. Class 23.

Acme Chemical Company, Milwaukee, Wis. Floor dressing. 301,015, Feb. 14, 1933. Republished Apr. 20. Class 16.

Acme Chemical Company, Milwaukee, Wis. Germicide, deodorant, and disinfectant. 316,763, Sept. 4, 1934. Republished Apr. 20. Class 6.

Acme Chemical Company, Milwaukee, Wis. Soot destroyer and fuel saver. 353,439, Jan. 11, 1938. Republished Apr. 20. Class 6.

Acme Chemical Company, Milwaukee, Wis. Quick-drying, penetrating, transparent, hardening seal for concrete and terrazzo floors. 405,181, Jan. 11, 1944. Republished Apr. 20. Class 16.

Acme Chemical Company, Milwaukee, Wis. Compound for cleaning, sterilizing, etc. 406,277, Mar. 21, 1944. Republished Apr. 20. Class 4.

Acme Chemical Company, Milwaukee, Wis. Cleaning and polishing compound. 406,278, Mar. 21, 1944. Republished Apr. 20. Class 4.

Acme Chemical Company, Milwaukee, Wis. Spray deodorant and disinfectant. 406,279, Mar. 21, 1944. Republished Apr. 20. Class 6.

Acme Chemical Company, Milwaukee, Wis. Penetrating floor varnish. 406,918, May 9, 1944. Republished Apr. 20. Class 16.

Acme Chemical Company, Milwaukee, Wis. Liquid floor wax and powdered floor wax. 411,032, Jan. 2, 1945. Republished Apr. 20. Class 16.

Acme Chemical Company, Milwaukee, Wis. Toilet soap. 412,305, Feb. 27, 1945. Republished Apr. 20. Class 4.

Acrylic Plastic Laboratory: *See*—
Sampsel, William A.

Adams, Arthur R., by Adams Rite Manufacturing Company, Glendale, Calif. Metal fasteners, faucets, valves, and drain valves. 429,695, May 13, 1947. Republished Apr. 20. Class 13.

Adams Rite Manufacturing Company: *See*—
Adams, Arthur R.

Agfa Ansco Corporation, Binghamton, N. Y., by General Aniline & Film Corporation, New York, N. Y. Sensitized photographic film. 322,477, Mar. 5, 1935. Republished Apr. 20. Class 26.

Air-Craft Shoe Co., Inc., Auburn, Maine. Shoes. 438,467, Apr. 20; Serial No. 523,231, published Jan. 13, 1948. Class 39.

Aldrich Pump Company, The, Allentown, Pa. Porcelain pump plungers. 236,075, renewed Dec. 6, 1947. O. G. Apr. 20. Class 23.

Alfa Machine Company, Milwaukee, Wis. Hand-operated cutters or power-operated cutting machines. 369,574, Aug. 1, 1939. Republished Apr. 20. Class 23.

Algemeene Kunstzijde Unie, N. V.: *See*—
Naamlooze Vennootschap Nederlandsche Kunstzijdefabriek.

Alos, A. G., Zurich, Switzerland. Photographic apparatus. 438,424, Apr. 20; Serial No. 512,360, published Jan. 20, 1948. Class 26.

Alphaden Company, The: *See*—
Meyer, Charles A.

Aluminum Goods Manufacturing Co., Manitowoc, Wis. Electric percolators. 242,891, renewed June 5, 1948. O. G. Apr. 20. Class 21.

American Machine and Metals, Inc., East Moline, Ill. Laundry machines. 396,963, Aug. 11, 1942. Republished Apr. 20. Class 24.

American Metal Products Corporation, San Francisco, Calif., by Universal Match Corporation, St. Louis, Mo. Automatic electrical lighters and dispensers. 241,892, May 8, 1928. Republished Apr. 20. Class 21.

American Rolling Mill Company, The, assignee: *See*—
Rustless Iron & Steel Corporation.

American Weather Windows, Inc., Youngstown, Ohio. Supplemental window sash. 438,487, Apr. 20; Serial No. 494,251. Class 12.

Amity Leather Products Co.: *See*—
Lewis, Claude A.

Ancinie Sportwear, Inc., Brooklyn, N. Y. Sweaters. 438,435, Apr. 20; Serial No. 515,287, published Jan. 13, 1948. Class 39.

Arco Company, The, Cleveland, Ohio. Enamel paints, lacquer paints, and primer paints. 438,392, Apr. 20; Serial No. 501,623, published May 13, 1947. Class 16.

Aris Gloves, Inc., New York, N. Y. Gloves and mittens. 500,109, Apr. 20; Serial No. 528,326, published Jan. 20, 1948. Class 39.

Armsby, J. K., Company, The, Chicago, Ill., and San Francisco, Calif., to California Packing Corporation, San Francisco, Calif. Dried fruits. 68,229, re-renewed Mar. 17, 1948. O. G. Apr. 20. Class 46.

Armsby, J. K., Company, The, Chicago, Ill., and San Francisco, Calif., to California Packing Corporation, San Francisco, Calif. Dried fruits. 68,243, re-renewed Mar. 17, 1948. O. G. Apr. 20. Class 46.

Armsby, J. K., Company, The, Chicago, Ill., and San Francisco, Calif., to California Packing Corporation, San Francisco, Calif. Dried fruits. 68,408, re-renewed Apr. 7, 1948. O. G. Apr. 20. Class 46.

Armsby Preserving Co., to California Packing Corporation, San Francisco, Calif. Canned fruits. 68,630, renewed Apr. 21, 1948. O. G. Apr. 20. Class 46.

Armsby Preserving Co., to California Packing Corporation, San Francisco, Calif. Canned fruits. 68,632, renewed Apr. 21, 1948. O. G. Apr. 20. Class 46.

Armstrong Cork Company, Lancaster, Pa. Gaskets, washers, and packing. 376,940, Apr. 9, 1940. Republished Apr. 20. Class 35.

Armstrong Cork Company, Lancaster, Pa. Prefabricated, decorative elements of linoleum and similar hard-surface floor coverings. 392,035, Dec. 2, 1941. Republished Apr. 20. Class 20.

Arrow-Hart & Hegeman Electric Company, The: *See*—
Hart & Hegeman Mfg. Co., The.

Arvey Corporation, Chicago, Ill. Transparent screen material. 381,402, Sept. 24, 1940. Republished Apr. 20. Class 50.

Aseptic-Thermo Indicator Co., Los Angeles, Calif. Indicators. 438,373–4, Apr. 20; Serial Nos. 474,522–3, published Jan. 20, 1948. Class 26.

Atlas Powder Company: *See*—
Potts Powder Company, The.

Augenblick, M., & Bro. Inc., to M. Augenblick & Bro., Inc., Newark, N. J. Butter. 237,491, renewed Jan. 10, 1948. O. G. Apr. 20. Class 46.

Austin-Western Company: *See*—
Western Wheeled Scraper Company.

Automatic Products Company, Milwaukee, Wis. Strainers. 402,467, July 27, 1943. Republished Apr. 20. Class 13.

Automatic Products Company, Milwaukee, Wis. Filters. 404,735, Dec. 21, 1943. Republished Apr. 20. Class 31.

Autoproducts Corporation, Chicago, Ill. Pistons. 438,444–5, Apr. 20; Serial Nos. 518,192–3, published Jan. 20, 1948. Class 23.

B. V. D. Corporation, The, New York, N. Y. Outer skirts, sweaters, and swim trunks. 438,481, Apr. 20; Serial No. 524,943, published Jan. 20, 1948. Class 39.

Bacon-Scott Company, Inc.: *See*—
Scott, Rufus W., Company.

Baker Extract Company, Portland, Maine, and Springfield, Mass., to Baker Extract Company, Springfield, Mass. Flavoring extracts. 66,403, re-renewed Nov. 26, 1947. O. G. Apr. 20. Class 46.

Bakery Patents Manufacturing Co.: *See*—
Ackles, Virgil E.

Barton & Guestier, Bordeaux, France, to Barton & Guestier, Ltd., New York, N. Y. Wines. 31,498, renewed May 3, 1948. O. G. Apr. 20. Class 47.

Barton & Guestier, Ltd.: *See*—
Barton & Guestier.

Basic Foods Sales Corp., New York, N. Y. Icing machines. 438,478, Apr. 20; Serial No. 524,518, published Jan. 20, 1948. Class 23.

Bassick Company, The: *See*—
Schenck, M. B., Company, The.

Bassick Company, The, Bridgeport, Conn. Casters, metal drawer pulls and knobs, keyhole escutcheons, etc. 154,226, Apr. 11, 1922. Republished Apr. 20. Class 13.

Bassick Company, The, Bridgeport, Conn. Slides and wheels. 240,590, Apr. 3, 1928. Republished Apr. 20. Class 13.

Bean Sprout Growers Association, Inc., assignor to Jeno F. Paulucci, Duluth, Minn. Canned complete vegetable chow mein dinner. 438,431, Apr. 20; Serial No. 513,872, published Sept. 30, 1947. Class 46.

Bell Sound Systems, Inc., The, Columbus, Ohio. Audio and electric amplifiers, microphones, loud speakers and selector switches. 343,020, Feb. 9, 1937. Republished Apr. 20. Class 21.

Bemis Bro. Bag Company, St. Louis, Mo. Open-mesh bags. 429,911, May 20, 1947. Republished Apr, 20. Class 2.

Bendix Aviation Corporation, South Bend, Ind. Power actuators for brake mechanisms, etc. 382,225, Oct. 22, 1940. Republished Apr. 20. Class 23.

Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Air compressors and parts thereof. 371,393, Sept. 26, 1939. Republished Apr. 20. Class 23.

Benedict, Irving H., doing business as Novo Process Co., New York, N. Y. Waterproof baby pants. 438,388, Apr. 20; Serial No. 497,524, published Jan. 13. Class 39.

Bennett Glass & Paint Company, by Bennett's, Salt Lake City, Utah. Dry, paste, and ready-mixed paints, varnishes, and enamels. 206,205, Nov. 24, 1925. Republished Apr. 20. Class 16.

Bennett Glass & Paint Company, by Bennett's, Salt Lake City, Utah. Dry, paste, and ready-mixed paints, varnishes, and enamels. 206,312, Nov. 24, 1925. Republished Apr. 20. Class 16.

Bennett Glass & Paint Company, by Bennett's, Salt Lake City, Utah. Self-polishing floor wax and paste floor wax. 306,793, Sept. 26, 1933. Republished Apr. 20. Class 16.

Bennett Glass & Paint Company, by Bennett's, Salt Lake City, Utah. Wall paper and cleanser, soaps and general household cleansing and polishing preparation, etc. 308,468, Dec. 5, 1933. Republished Apr. 20. Class 4.

Bennett Pumps Corporation, Muskegon, Mich., to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Combined liquid tanks and measuring dispensing pumps. 242,794, renewed June 5, 1948. O. G. Apr. 20. Class 26.

Bennett's: *See*—
Bennett Glass & Paint Company.

Bernheim Distilling Company, Louisville, Ky. Whiskey. 406,220, Mar. 14, 1944. Corrected. O. G. Apr. 20. Class 49.

Bilt-Rite Mfg. Co. Inc., Bayonne, N. J. Dungarees and overalls. 438,447, Apr. 20. Serial No. 519,313, published Jan. 27, 1948. Class 39.

Binswanger-Henkin Industries, Memphis, Tenn. Wash boards. 438,466, Apr. 20; Serial No. 523,067, published Jan. 27, 1948. Class 24.

Birdsong, L. F., Sr., Hattiesburg, Miss. Preparation for the treatment of diseases of the skin. 500,119, Apr. 20; Serial No. 517,695. Class 6.

Birman, Erna, doing business as La Marquise Company, Brookline, Mass. Brassières, slips, foundation garments, etc. 438,456, Apr. 20; Serial No. 521,851, published Jan. 27, 1948. Class 39.

Blossom Products Corporation, Allentown, Pa. Pajamas. 438,439, Apr. 20; Serial No. 516,948, published Jan. 13, 1948. Class 39.

Blue Anchor Beverage Company, Philadelphia, Pa. Non-alcoholic, noncereal, maltless beverages. 382,879, Nov. 12, 1940. Republished Apr. 20. Class 45.

Boatwright Paint & Varnish Works, Inc., Atlanta, Ga. Paints, enamels, and varnishes. 500,114, Apr. 20; Serial No. 530,713, published Jan. 13, 1948. Class 16.

Boka Manufacturing Corp.: *See*—
Boka Sales Corporation.

Boka Sales Corporation, now by change of name Boka Manufacturing Corp., New York, N. Y. Hand operated, liquid chemical fire extinguishers. 438,391, Apr. 20; Serial No. 499,940, published Jan. 27, 1948. Class 23.

Botany Mills, Inc., Passaic, N. J. Neckties. 438,482, Apr. 20; Serial No. 524,763, published Jan. 20, 1948. Class 39.

Bow Age, Inc., New York, N. Y. Children's garments. 438,408, Apr. 20; Serial No. 509,498, published Jan. 13, 1948. Class 39.

Bowser, Inc.: *See*—
Bowser, S. F., & Company, Incorporated.

Bowser, S. F., & Company, Incorporated, by Bowser, Inc., Fort Wayne, Ind. Liquid measuring and dispensing apparatus. 374,107, Jan. 2, 1940. Republished Apr. 20. Class 26.

Brand & Oppenheimer, Inc., New York, N. Y. Fabrics and piece goods for rayon, wool, and cotton, etc. 408,814, Aug. 29, 1944. Republished Apr. 20. Class 42.

Bromberg, Louis, Brooklyn, N. Y. Pianos. 425,404, Nov. 19, 1946. Republished Apr. 20. Class 36.

Brooks, Charles R., doing business as Brookscraft Industries, Knoxville, Tenn. Unit assemblies. 438,413, Apr. 20; Serial No. 510,158, published Jan. 13, 1948. Class 39.

Brookscraft Industries: *See*—
Brooks, Charles R.

Brown & Bigelow, St. Paul, Minn. Playing cards. 239,599, Mar. 6, 1928. Republished Apr. 20. Class 22.

Brumbeau Clothes, Inc., Norfolk, Va. Neckties. 438,488, Apr. 20; Serial No. 495,164. Class 39.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Game-table cushions. 269,965, Apr. 22, 1930. Republished Apr. 20. Class 22.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Bowling pins. 300,432, Jan. 17, 1933. Republished Apr. 20. Class 22.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Bowling pins. 314,586, July 3, 1934. Republished Apr. 20. Class 22.

Buckeye Reliner Producing Co., The, Lima, Ohio. Tire repair devices. 294,665, June 7, 1932. Republished Apr. 20. Class 35.

Buda Company, The, Harvey, Ill. Vehicles. 404,084, Nov. 2, 1943. Republished Apr. 20. Class 19.

Budreau, J. L., & Co.: *See*—
Budreau, Joseph L.

Budreau, J. L., & Company: *See*—
Budreau, Joseph L.

Budreau, Joseph L., doing business as J. L. Budreau & Co., Savannah, Ga., to J. L. Budreau & Company, Presque Isle, Maine. Fresh vegetables. 240,150, renewed Mar. 20, 1948. O. G. Apr. 20. Class 46.

Buffalo Shoe Mfg. Co.: *See*—
Krause, Karl L.

Bureau of National Affairs, Inc., The: *See*—
Bureau of National Affairs, Incorporated, The.

Bureau of National Affairs, Incorporated, The, by The Bureau of National Affairs, Inc., Washington, D. C. Sections of periodical publications. 320,961, Jan. 15, 1935. Republished Apr. 20. Class 38.

Bureau of National Affairs, Incorporated, The, by The Bureau of National Affairs, Inc., Washington, D. C. Periodical publications. 320,962–3, Jan. 15, 1935. Republished Apr. 20. Class 38.

Bureau of National Affairs, Incorporated, The, by The Bureau of National Affairs, Inc., Washington, D. C. Periodical publications. 352,279, Nov. 23, 1937. Republished Apr. 20. Class 38.

Bureau of National Affairs, Incorporated, The, by The Bureau of National Affairs, Inc., Washington, D. C. Periodical publications. 360,819, Sept. 27, 1938. Republished Apr. 20. Class 38.

Burgess Battery Company, Freeport, Ill. Portable electric engraving and cutting implement. 405,700, Feb. 15, 1944. Republished Apr. 20. Class 21.

Burkaw Electric Co., assignor to Floor-O-Matic Inc., New York, N. Y. Electric floor polisher. 438,415, Apr. 20; Serial No. 510,421, published Jan. 27, 1948. Class 21.

Burns, Jabez, & Sons, Inc., New York, N. Y. Machines. 238,672, renewed Feb. 14, 1948. O. G. Apr. 20. Class 23.

C-8 Laboratories, assignee: *See*—
Caruso, Mario.

Cahil, Joseph A., doing business as Cahil Manufacturing Company, New York, N. Y. Can openers. 438,437, Apr. 20; Serial No. 516,665, published Jan. 20, 1948. Class 23.

Cahil Manufacturing Company: *See*—
Cahil, Joseph A.

California Packing Corporation: *See*—
Armsby, J. K., Company, The.

Camac & Weiner, New York, N. Y. Ladies' dresses. 500,115, Apr. 20; Serial No. 530,805, published Jan. 20, 1948. Class 39.

Campana Sales Company, Batavia, Ill. Bath powders, bath crystals, talcum powders, etc. 390,154, Sept. 9, 1941. Republished Apr. 20. Class 6.

Canoga Citrus Association, Owensmouth, to Canoga Citrus Association, Canoga Park, Calif. Fresh citrous fruits. 242,536, renewed May 29, 1948. O. G. Apr. 20. Class 46.

Canova Food, Incorporated: *See*—
Maury-Cole Company.

Carnation Company: *See*—
Carnation Milk Products Company.

Carnation Milk Products Company, Oconomowoc, Wis., Chicago, Ill., and Seattle, Wash., to Carnation Company, Milwaukee, Wis. Evaporated milk and condensed milk. 239,791, renewed Mar. 13, 1948. O. G. Apr. 20. Class 46.

Caron Corporation, assignee: *See*—
E. Daltroff & Cie.

Carter, William, Company, The, Needham Heights, Mass. Infants' undergarments. 500,112, Apr. 20; Serial No. 529,961, published Jan. 13, 1948. Class 39.

Caruso, Mario, assignor to C-8 Laboratories, Newark, N. J. Electric cigarette vending machines. 438,423, Apr. 20; Serial No. 512,320, published Jan. 20, 1948. Class 23.

Castleton China Incorporated, New York, N. Y. Ceramic table-ware. 396,787, Aug. 4, 1942. Republished Apr. 20. Class 30.

Celotex Company, The, to The Celotex Corporation, Chicago, Ill. Wall boards and similar building materials. 187,332, renewed Jan. 5, 1948. O. G. Apr. 20. Class 12.

Celotex Corporation, The: *See*—
Celotex Company, The.

Champion Paper and Fibre Company, The, Hamilton, Ohio. Bond, envelope, and book paper, etc. 500,105, Apr. 20; Serial No. 527,306, published Jan. 27, 1948. Class 37.

Champion Spark Plug Company, Toledo, Ohio. Mechanical spark-plug cleaners. 123,559, Nov. 19, 1918. Republished Apr. 20. Class 23.

Charleston Milling Company, Charleston, W. Va. Dairy feed. 361,585, Oct. 25, 1938. Republished Apr. 20. Class 46.

Charleston Milling Company, Charleston, W. Va. Corn meal. 366,519, Apr. 18, 1939. Republished Apr. 20. Class 46.

Charleston Milling Company, Charleston, W. Va. Wheat flour. 384,562, Jan. 21, 1941. Republished Apr. 20. Class 46.

Charleston Milling Company, Charleston, W. Va. Wheat flour. 389,268, July 29, 1941. Republished Apr. 20. Class 46.

Charleston Milling Company, Charleston, W. Va. Wheat flour. 390,623, Sept. 30, 1941. Republished Apr. 20. Class 46.

Chatfield & Woods Sack Company, The, Cincinnati, Ohio. Paper sacks. 330,130, Nov. 19, 1935. Republished Apr. 20. Class 2.

Chattanooga Implement & Manufacturing Company, Chattanooga, Tenn. Fireplace tool sets. 438,458, Apr. 20; Serial No. 522,063, published Jan. 20, 1948. Class 23.

Chaussures Bally Societe Anonyme De Fabrication, Schoenewerd, Switzerland. Boots, shoes, sandals, etc. 231,070, renewed Aug. 9, 1947. O. G. Apr. 20. Class 39.

Chaussures Bally Society Anonyme Defabrication, Schoenenwerd, Switzerland. Boots, shoes, sandals, etc. 232,197, renewed Sept. 6, 1947. O. G. Apr. 20. Class 39.

Chicago Distilled Water & Beverage Company, by Dad's Root Beer Company, Chicago, Ill. Root beer. 364,823, Feb. 14, 1939. Republished Apr. 20. Class 45.

Chicago Distilled Water & Beverage Co., Inc., by Dad's Root Beer Company, Chicago, Ill. Non-alcoholic, non-cereal, maltless beverages. 399,605, Jan. 19, 1943. Republished Apr. 20. Class 45.

Chocolate Products Company, Chicago, Ill. Vitamin fortified milk. 396,528, July 21, 1942. Republished Apr. 20. Class 46.

Chocolate Products Company, Chicago, Ill. Syrups, extracts and concentrates. 396,991, Aug. 11, 1942. Republished Apr. 20. Class 45.

Chocolate Products Company, Chicago, Ill. Publication issued periodically. 411,245, Jan. 9, 1945. Republished Apr. 20. Class 38.

Clarke, J. N., Limited, Dublin, Eire. Ladies' outerwear. 438,450, Apr. 20; Serial No. 520,265, published Jan. 20, 1948. Class 39.

Clemens, Walter L., Milwaukee, Wis. Polish. 236,725, renewed Dec. 20, 1947. O. G. Apr. 20. Class 16.

Climax Molybdenum Company, New York, N. Y. Books, pamphlets, and circulars. 388,035, June 10, 1941. Republished Apr. 20. Class 38.

Clorox Chemical Co.: *See*—
Clorox Chemical Corporation.

Clorox Chemical Corporation, by Clorox Chemical Co., Oakland, Calif. Bleaching, cleansing, antiseptic, and germicidal compounds. 251,292, Jan. 1, 1929. Republished Apr. 20. Class 6.

Coast Metals, Inc., Canton, Ohio. Hard-facing welding rods and hard casting. 414,788, June 26, 1945. Republished Apr. 20. Class 14.

Cohen, Isidor H.: *See*—
Mandel & Cohen.

Cohen, Nathaniel, Newark, N. J., and Bronx, N. Y., by Protexacar, Newark, N. J. Cloth covers. 316,289, Aug. 21, 1934. Republished Apr. 20. Class 42.

Cohn-Goldwater Manufacturing Company, Los Angeles, Calif. Sport jackets, slacks, skirts, etc. 438,434, Apr. 20; Serial No. 515,158, published Jan. 20, 1948. Class 39.

Colonial Frocks, Inc.: *See*—
Eade, G. W., and Company.

Columbian Enameling & Stamping Co., by Columbian Enameling & Stamping Co., Inc., Terre Haute, Ind. Bathroom and kitchen stools. 244,517, June 24, 1928. Republished Apr. 20. Class 32.

Columbian Enameling & Stamping Co., Inc.: *See*—
Columbian Enameling & Stamping Co.

Comfort Slipper Corporation, Fitchburg, Mass. Slippers. 438,459, Apr. 20; Serial No. 522,115, published Jan. 20, 1948. Class 39.

Commonwealth Shoe and Leather Company, Whitman, Mass. Men's shoes. 438,380, Apr. 20; Serial No. 486,291, published Jan. 20, 1948. Class 39.

Commonwealth Varnish Co., Chicago, Ill. Ready-mixed paints and varnishes. 438,377, Apr. 20; Serial No. 483,259, published Jan. 13, 1948. Class 16.

Consolidated Razor Blade Co., Inc., doing business as Steel Tape Co. of America, Jersey City, N. J. Steel rules. 438,402–3, Apr. 20; Serial Nos. 507,672–3, published Jan. 20, 1948. Class 26.

Consolidated Retail Stores, Inc.: *See*—
Senack Shoe Company.

Continental Coffee Company, Chicago, Ill. Coffee malted milk. 417,437, Oct. 30, 1945. Republished Apr. 20. Class 46.

Controlamix Co.: *See*—
Leedy, Harold K.

Cooper, Wells & Co., St. Joseph, Mich. Hosiery. 242,629, renewed May 29, 1948. O. G. Apr. 20. Class 39.

Corn Products Manufacturing Company, Chicago, Ill., to Corn Products Refining Company, New York, N. Y. Stock food. 67,612–13, re-renewed Feb. 11, 1948. O. G. Apr. 20. Class 46.

Corn Products Refining Company: *See*—
Corn Products Manufacturing Company.

Crowley, Henry L., & Company, Inc., West Orange, N. J. Ceramic electric insulating compound. 252,646, Feb. 12, 1929. Republished Apr. 20. Class 21.

Crown Willamette Paper Company, by Crown Zellerbach Corporation, also doing business as Crown Willamette Paper Company, San Francisco, Calif. Fourdrinier tissue, manila tissue, sulphite tissue, etc. 312,656, May 1, 1934. Republished Apr. 20. Class 37.

Crown Zellerbach Corporation: *See*—
Crown Willamette Paper Company.

Custom Maid Brassiere Co.: *See*—
Leithold, Emily.

D. & D. Foods Company, Wenatchee, Wash. Canned fruit. 438,436, Apr. 20; Serial No. 515,610, published Jan. 20, 1948. Class 46.

Dad's Root Beer Company: *See*—
Chicago Distilled Water & Beverage Company.
Chicago Distilled Water & Beverage Co., Inc.

Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France, assignors to Caron Corporation, by Caron Corporation, New York, N. Y. Perfumes, lotions. 311,439, Mar. 20, 1934. Republished Apr. 20. Class 6.

Davies, J. P., Company, The, by The Davies-Young Soap Company, Dayton, Ohio. Soap. 78,069, May 31, 1910. Republished Apr. 20. Class 4.

Davies-Young Soap Company, The: *See*—
Davies, J. P., Company.

Dean, Charles W., Middleboro, Mass. Leather shoes. 438,419, Apr. 20; Serial No. 512,054, published Jan. 20, 1948. Class 39.

Delfiner Brothers, Inc., Philadelphia, Pa. Shrinkproof coat fronts. 438,453, Apr. 20; Serial No. 521,569, published Jan. 13, 1948. Class 39.

Dietzgen, Eugene Co., Chicago, Ill. Calculating devices. 438,378, Apr. 20; Serial No. 483,810, published Jan. 20, 1948. Class 26.

Dietzgen, Eugene Co., Chicago, Ill. Calculating devices. 438,379, Apr. 20; Serial No. 484,945, published Jan. 20, 1948. Class 26.

Diversey Corporation, The: *See*—
Diversey Manufacturing Company.

Diversey Manufacturing Company, by The Diversey Corporation, Chicago, Ill. Cleanser or detergent. 225,092, Mar. 8, 1927. Republished Apr. 20. Class 4.

Doane Agricultural Service: *See*—
Doane, Duane H.

Doane Agricultural Service, Inc.: *See*—
Doane, Duane H.

Doane, Duane H., doing business as Doane Agricultural Service, by Doane Agricultural Service, Inc., St. Louis, Mo. Publication. 398,591, Nov. 10, 1942. Republished Apr. 20. Class 38.

Dobson Hosiery Mills, Pulaski, Va. Hosiery. 425,918, Dec. 3, 1946. Canceled Mar. 15, 1948. O. G. Apr. 20. Class 39.

Drucker, August E., by August E. Drucker Co., San Francisco, Calif. Tooth powder. 84,730, Jan. 2, 1912. Republished Apr. 20. Class 6.

Drucker, August E., Co.: *See*—
Drucker, August E.

Duff-Norton Manufacturing Company, The, Pittsburgh, Pa. Lifting jacks. 421,489, June 4, 1946. Republished Apr. 20. Class 23.

Duke Manufacturing Co., St. Louis, Mo. Cereal cookers, portable hot-water food warmers, etc. 274,575, Sept. 2, 1930. Republished Apr. 20. Class 13.

Dumari Textile Co., Inc., New York, N. Y. Women's and misses' party frocks, dressing gowns, etc. 303,524, May 30, 1933. Republished Apr. 20. Class 39.

Dumari Textile Co., Inc., New York, N. Y. Fabrics in the piece made of cotton, rayon, silk, etc. 306,401, Sept. 19, 1933. Republished Apr. 20. Class 42.

Dumari Textile Co., Inc., New York, N. Y. Rayon fabric in the piece. 395,830, June 16, 1942. Republished Apr. 20. Class 42.

Dumari Textile Co., Inc., New York, N. Y. Cotton, linen and rayon fabrics in the piece. 404,927, Dec. 28, 1943. Republished Apr. 20. Class 42.

Dumari Textile Co., Inc., New York, N. Y. Women's and misses' wearing apparel. 408,067, July 18, 1944. Republished Apr. 20. Class 39.

Eade, G. W., and Company, by Colonial Frocks, Inc., Aurora, Ill. Women's dresses. 353,232, Dec. 28, 1937. Republished Apr. 20. Class 39.

Edco Corporation, Brooklyn, N. Y. Insecticide sprayer. 438,460, Apr. 20; Serial No. 522,154, published Jan. 27, 1948. Class 23.

Edwal Laboratories, Inc., The, Chicago, Ill. Chemicals and mixtures of chemicals for use in photographic developing processes. 369,746, Aug. 1, 1939. Republished Apr. 20. Class 6.

Edwal Laboratories, Inc., The, Chicago, Ill. Photographic fixing agents. 410,695, Dec. 12, 1944. Republished Apr. 20. Class 6.

Elder Manufacturing Company, St. Louis, Mo. Boys' and children's clothing. 128,052, Dec. 23, 1919. Republished Apr. 20. Class 39.

Elder Manufacturing Company, St. Louis, Mo. Boys' and children's clothing. 131,098, May 4, 1920. Republished Apr. 20. Class 39.

Electra Voice Corporation, Chicago, Ill. Thermistor devices. 438,412, Apr. 20; Serial No. 509,835, published Jan. 20, 1948. Class 26.

Elkon Works, Inc., Weehawken, N. J., to P. R. Mallory & Co., Inc., Indianapolis, Ind. Metal alloys, compound metals, and tungsten. 234,831, renewed Nov. 8, 1947. O. G. Apr. 20. Class 14.

Emsco Derrick & Equipment Company, Los Angeles, Calif. Crown blocks, traveling blocks, swivels, etc. 370,912, Sept. 12, 1939. Republished Apr. 20. Class 23.

Emsco Derrick & Equipment Company, Los Angeles, Calif. Steel derricks and all the other items named in the registration. 397,476, Sept. 8, 1942. Republished Apr. 20. Class 23.

Erie Resistor Corporation, Erie, Pa. High dielectric ceramic condensers. 405,685, Feb. 15, 1944. Republished Apr. 20. Class 21.

Etablissements Boileau, Paris, France. Hosiery and socks. 438,451, Apr. 20; Serial No. 520,866, published Jan. 13, 1948. Class 39.

Eugene, Ltd., Brooklyn, N. Y. Electric hair dryers, permanent hair waving machines and accessories. 416,416, Sept. 11, 1945. Republished Apr. 20. Class 44.

Fabrics of United Kingdom, Limited, New York, N. Y. Ladies' suits, dresses, blouses, etc. 438,400, Apr. 20; Serial No. 507,247, published Jan. 20, 1948. Class 39.

Fabritecture Studio: *See*—
Turner, Oscar A.

Fahrney, Dr. Peter, & Sons Co., Chicago, Ill. Preparation for acute, relaxed and disturbed conditions of the stomach and bowels. 377,477, May 7, 1940. Republished Apr. 20. Class 6.

Fashion Park Associates, Inc., by Fashion Park, Inc., Rochester, N. Y. Men's coats, vests, pants, and overcoats. 273,332, July 29, 1930. Republished Apr. 20. Class 39.

Fashion Park Associates, Inc., by Fashion Park, Inc., Rochester, N. Y. Coats, vests, pants, etc. 282,365, Apr. 21, 1931. Republished Apr. 20. Class 39.

Fashion Park Associates, Inc., by Fashion Park, Inc., Rochester, N. Y. Sweaters; hats, caps, etc. 285,901, Aug. 11, 1931. Republished Apr. 30. Class 39.

Fashion Park Associates, Inc., by Fashion Park, Inc., Rochester, N. Y. Coats, vests, pants, etc. 286,284, Aug. 25, 1931. Republished Apr. 20. Class 39.

Fashion Park Associates, Inc., by Fashion Park, Inc., Rochester, N. Y. Coats, vests, pants, etc. 286,544, Sept. 1, 1931. Republished Apr. 20. Class 39.

Fashion Park Associates, Inc., by Fashion Park, Inc., Rochester, N. Y. Coats, vests, pants, etc. 286,842–3, Sept. 8, 1931. Republished Apr. 20. Class 39.

Fashion Park Associates, Inc., by Fashion Park, Inc., Rochester, N. Y. Coats, vests, pants, etc. 288,624, Nov. 3, 1931. Republished Apr. 20. Class 39.

Fashion Park, Inc.: *See*—
Fashion Park Associates, Inc.
Fashion Park Incorporated.
Fashion Park Manufacturing Corporation.
Stein-Bloch Co., The.

Fashion Park Incorporated, by Fashion Park, Inc., Rochester, N. Y. Men's coats, vests, pants, and overcoats. 245,056, Aug. 7, 1928. Republished Apr. 20. Class 39.

Fashion Park Incorporated, by Fashion Park, Inc., Rochester, N. Y. Men's coats, vests, pants, etc. 252,289, Jan. 29, 1929. Republished Apr. 20. Class 39.

Fashion Park Incorporated, by Fashion Park, Inc., Rochester, N. Y. Women's coats. 253,140, Feb. 19, 1929. Republished Apr. 20. Class 39.

Fashion Park Manufacturing Corporation, by Fashion Park, Inc., Rochester, N. Y. Coats, vests, pants, etc. 321,689, Feb. 12, 1935. Republished Apr. 20. Class 39.

Fear, Fred, & Co., Brooklyn, N. Y. Flaked fish and table syrups. 280,860, Mar. 3, 1931. Republished Apr. 20. Class 46.

Fear, Fred, & Co., Brooklyn, N. Y. Dyes. 336,375, July 7, 1936. Republished Apr. 20. Class 6.

Fear, Fred, & Co., Brooklyn, N. Y. Coloring for easter eggs. 380,283, Aug. 20, 1940. Republished Apr. 20. Class 6.

Federal Glass Company, The, Columbus, Ohio. Glass tumblers and glass stemware. 336,004, June 23, 1936. Republished Apr. 20. Class 33.

Federal Manufacturing and Engineering Corp., Brooklyn, N. Y., Photographic cameras. 438,442, Apr. 20; Serial No. 517,567, published Jan. 20, 1948. Class 26.

Felt and Tarrant Manufacturing Company, Chicago, Ill. Peg-board. 413,261, Apr. 17, 1945. Republished Apr. 20. Class 23.

Felt and Tarrant Manufacturing Company, Chicago, Ill. Dust covers. 413,582, May 1, 1945. Republished Apr. 20. Class 26.

Felton Chemical Company, Inc., Brooklyn, N. Y. Natural vanilla, artificial vanilla, and compounds. 239,928, renewed Mar. 13, 1948. O. G. Apr. 20. Class 46.

Felton Chemical Company, Inc., Brooklyn, N. Y. Aldehydes suitable for perfuming purposes, alcohols suitable for perfuming purposes, etc. 242,637, renewed May 29, 1948. O. G. Apr. 20. Class 6.

Felton Chemical Company, Inc., Brooklyn, N. Y. Aldehydes suitable for perfuming purposes, alcohols suitable for perfuming purposes, etc. 242,638, renewed May 29, 1948. O. G. Apr. 20. Class 6.

Firmenich & Co.: *See*—
Naef, M., & Co.

Fisher, Frederick D., Elmhurst, N. Y. Photographic printing masks. 438,420, Apr. 20; Serial No. 512,248, published Jan. 20, 1948. Class 26.

Fitzpatrick Industries, Inc., East Palestine, Ohio. Ash trays. 438,446, Apr. 20; Serial No. 518,594, published Jan. 27, 1948. Class 8.

Floor-O-Matic Inc., assignee: *See*—
Burkaw Electric Co.

Flower Foods, Inc., Maywood, Ill. Composition containing chemical ingredients for strengthening, sterilizing, feeding, etc. 401,470, May 18, 1943. Republished Apr. 20. Class 6.

Forstmann & Huffmann Company, to Forstmann Woolen Co., Passaic, N. J. Woolen piece goods. 236,392–3, renewed Dec. 13, 1947. O. G. Apr. 20. Class 42.

Forstmann Woolen Co.: *See*—
Forstmann & Huffmann Company.

Foster Machine Company, Westfield, Mass. Yarn winding machinery. 397,466, Sept. 8, 1942. Republished Apr. 20. Class 23.

Foster Pump Works, Brooklyn, N. Y. Rotary pumps. 236,037, Nov. 29, 1927. Republished Apr. 20. Class 23.

Fran-Stef Mfg. Co., New York, N. Y. Smokers' articles. 438,386, Apr. 20; Serial No. 494,268, published Jan. 27, 1948. Class 8.

Freeburg Milling Co., Freeburg, Ill. Wheat-flour. 64,781, re-renewed Aug. 20, 1947. O. G. Apr. 20. Class 46.

Funk Bros. Hat & Cap Co., St. Louis, Mo. Men's and boys' hats and caps. 500,111, Apr. 20; Serial No. 529,624, published Jan. 13, 1948. Class 39.

Funk, Joe & Ted, Inc., New York, N. Y. Misses' and junior misses' coats and suits. 438,418, Apr. 20; Serial No. 511,869, published Jan. 13, 1948. Class 39.

Gardner, Mary, executrix of C. J. Moffett, St. Louis, Mo., to C. J. Moffett Medicine Company, Columbus, Ga. Teething-powders. 68,118, re-renewed Mar. 10, 1948. O. G. Apr. 20. Class 6.

General Aniline & Film Corporation: *See*—
Agfa Ansco Corporation.

General Aniline & Film Corporation, New York, N. Y. Light-sensitive photographic material. 385,671, Mar. 11, 1941. Republished Apr. 20. Class 26.

General Industries Company, The, Elyria, Ohio. Molded articles of plastic composition. 243,359, June 19, 1928. Republished Apr. 20. Class 13.

General Shoe Corporation, Nashville, Tenn. Shoes. 438,404, Apr. 20; Serial No. 508,281, published Jan. 20, 1948. Class 39.

Ghose, Satish C., Chicago, Ill. Perfume. 375,454, Feb. 20, 1940. Republished Apr. 20. Class 6.

Gladden, John N., Glendale, Calif. Motorcycles. 438,384, Apr. 20; Serial No. 490,303, published Jan. 21, 1947. Class 19.

Glass, Jackson C. E., doing business as Glass Sales Agency, Oakland, by Silkiln Paper Corporation, San Francisco, Calif. Toilet paper. 254,779, Apr. 2, 1929. Republished Apr. 20. Class 37.

Glass Sales Agency: *See*—
Glass, Jackson C. E.

Glass Sales Agency, Incorporated, The, assignee: *See*—
Maguire, Fred.

Glaziers' Tool Mfg. Corp., Chicago, Ill. Glass cutters, glass cutter wheels, putty knives, etc. 438,430, Apr. 20; Serial No. 513,821, published Jan. 20, 1948. Class 23.

Glennan, William S., Lochhaven, Norfolk, Va., to Silverice, Inc., New York, N. Y. Refrigerating device. 240,825, renewed Apr. 10, 1948. O. G. Apr. 20. Class 31.

Godman, H. C., Company, The, Columbus, Ohio. Boots and shoes. 438,389, Apr. 20; Serial No. 498,625, published Jan. 20, 1948. Class 39.

Golde Manufacturing Company, Chicago, Ill. Cameras, projectors, and viewers. 438,414, Apr. 20; Serial No. 510,316, published Jan. 20, 1948. Class 26.

Golden Nugget Sweets Ltd., assignor to Golden Nugget Sweets Ltd., by Golden Nugget Sweets Ltd., San Francisco, Calif. Candy. 413,099, Apr. 10, 1945. Republished Apr. 20. Class 46.

Goodyear Tire & Rubber Company: *See*—
Marathon Rubber Company, Inc.

Grandma Baking Company, Inc.: *See*—
Mother's Grandma Cookie Company.

Great American Tea Company, The: *See*—
Great Atlantic and Pacific Tea Company, The.

Great Atlantic and Pacific Tea Company, The, to The Great American Tea Company, New York, N. Y. Teas. 69,037, re-renewed May 19, 1948. O. G. Apr. 20. Class 46.

Green, A. P., Fire Brick Company, Mexico, Mo. Fire brick, fire brick in plastic form for patching and repair purposes. 500,121, Apr. 20; Serial No. 530,194. Class 12.

Greene, Myles L., doing business as Myles L. Greene & Co., Fort Lauderdale, Fla. Fresh tomatoes. 438,381, Apr. 20; Serial No. 488,588, published Jan. 13, 1948. Class 46.

Greene, Myles L., & Co.: *See*—
Greene, Myles L.

Guerra, Anthony, Hackensack, N. J. Kitchen knives. 438,477, Apr. 20; Serial No. 524,457, published Jan. 20, 1948. Class 23.

Haloid Company, The, Rochester, N. Y. Light-sensitive paper. 372,236, Oct. 24, 1939. Republished Apr. 20. Class 26.

Haloid Company, The, Rochester, N. Y. Light-sensitive paper. 374,811, Jan. 23, 1940. Republished Apr. 20. Class 26.

Haloid Company, The, Rochester, N. Y. Sensitized photocopying papers. 438,432, Apr. 20; Serial No. 514,034, published Jan. 20, 1948. Class 26.

Harnischfeger Corporation, Milwaukee, Wis. Metallic welding electrodes. 411,286, Jan. 9, 1945. Republished Apr. 20. Class 14.

Harris, J. E., Company, The, Wooster, Ohio. Ready-mixed paints, paint enamels, varnishes, etc. 438,483, Apr. 20; Serial No. 525,592, published Jan. 13, 1948. Class 16.

Hart & Hegeman Mfg. Co., The, to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electric switches. 241,792, renewed May 8, 1948. O. G. Apr. 20. Class 21.

Hartmann Company: *See*—
Hartmann Trunk Company.

Hartmann Trunk Company, by Hartmann Company, Racine, Wis. Suitcases, trunks, luggage carriers, etc. 385,490, Mar. 4, 1941. Republished Apr. 20. Class 3.

Hat Corporation of America, Norwalk, Conn. Men's hats. 438,426, Apr. 20; Serial No. 513,110, published Jan. 13, 1948. Class 39.

Hat Corporation of America, Norwalk, Conn. Hats. 438,475–6, Apr. 20; Serial No. 524,186–7, published Jan. 20, 1938. Class 39.

Hawk & Buck Co., The, Fort Worth, Tex. Work clothes for men, women, and children. 340,333, Nov. 3, 1936. Republished Apr. 20. Class 39.

Hayem, Jean, Montlucon, France. Indoor golf game. 438,397, Apr. 20; Serial No. 505,751, published Jan. 6, 1948. Class 22.

Hayman, Donald C., Uniontown, Pa. Newspaper column. 388,059, June 10, 1941. Republished Apr. 20. Class 38.

Hays Manufacturing Company, Erie, Pa. Stop valves and combination stop and drain valves. 438,407, Apr. 20; Serial No. 509,274, published Jan. 27, 1948. Class 13.

Heppenstall Company, Pittsburgh, Pa. Steel forgings. 417,623, Nov. 6, 1945. Republished Apr. 20. Class 14.

Hepworth Machine Company, Inc.: *See*—
Hepworth, S. S., Company.

Hepworth S. S., Company, New York, to Hepworth Machine Company, Inc., Long Island City, N. Y. Centrifugal driers, centrifugal filters, and centrifugal separators, etc. 148,582, renewed Jan. 5, 1948. O. G. Apr. 20. Class 23.

Herbert, Jess, Inc., New York, N. Y. Women's outer apparel. 500,116, Apr. 20; Serial No. 531,123, published Jan. 20, 1948. Class 39.

Hershey Mfg. Co., Chicago, Ill. Electrically operated hair brushes. 430,384, June 10, 1947. Republished Apr. 20. Class 21.

Hewitt Soap Company, Inc., The, Dayton, Ohio. Toilet soap. 390,320, Sept. 16, 1941. Republished Apr. 20. Class 4.

Hickman & Coward, to Hickman, Coward and Wattles, Inc., Buffalo, N. Y. Butter and eggs. 228,320, renewed May 31, 1947. O. G. Apr. 20. Class 46.

Hickman, Coward and Wattles, Inc.: *See*—
Hickman & Coward.

Hills Bros., by Hills Bros. Coffee, Inc., San Francisco, Calif. Coffee measure. 322,133, Feb. 26, 1935. Republished Apr. 20. Class 26.

Hills Bros. Coffee, Inc.: *See*—
Hills Bros.

Hood Bros., New York, N. Y. Ladies' night gowns, negligees, and slips. 438,484, Apr. 20; Serial No. 525,847, published Jan. 20, 1948. Class 39.

Hookless Fastener Company, by Talon, Inc., Meadville, Pa. Separable fastener stringers and separable fasteners. 232,898, Sept. 20, 1927. Republished Apr. 20. Class 13.

Hookless Fastener Company, by Talon, Inc., Meadville, Pa. Separable fasteners. 234,746, Nov. 1, 1927. Republished Apr. 20. Class 13.

Hoover Hosiery Company, Concord, N. C. Hosiery. 238,656, renewed Feb. 14, 1948. O. G. Apr. 20. Class 39.

Hopkins, Ferdinand T., doing business as D. Watson & Co., New York, N. Y. Cough remedies. 241,494, renewed May 1, 1948. O. G. Apr. 20. Class 6.

Horlick's Corporation: *See*—
Horlick's Malted Milk Corporation.

Horlick's Malted Milk Corporation, by Horlick's Corporation, Racine, Wis. Malted milk. 390,867, Oct. 7, 1941. Republished Apr. 20. Class 46.

Horton Manufacturing Company, The, Bristol, Conn. Fishing-rods. 73,218, Mar. 20, 1909. Republished Apr. 20. Class 22.

Horton Manufacturing Company, The, Bristol, Conn. Fishing lines. 298,096, Oct. 11, 1932. Republished Apr. 20. Class 22.

House Beautiful Curtains, Inc., New York, N. Y. Shower curtains. 438,399, Apr. 20; Serial No. 505,830, published Jan. 27, 1948. Class 13.

Huggins, Harley E., Vancouver, Wash. Curtain rod brackets. 438,461, Apr. 20; Serial No. 522,240, published Jan. 27, 1948. Class 13.

Hughes, Edward J., Mineola, N. Y. Children's velocipede. 360,011, Sept. 6, 1938. Canceled Mar. 26, 1948. O. G. Apr. 20. Class 22.

I., L., & R. Michaels Inc.: *See*—
Preis, J. J., & Company.

Ideal Shoe Mfg. Co., by Mid-States Shoe Company, Milwaukee, Wis. Leather shoes. 246,318, Sept. 4, 1928. Republished Apr. 20. Class 39.

Illinois Iron & Bolt Co., Carpentersville, Ill. Anvils. 75,084, Aug. 31, 1909. Republished Apr. 20. Class 14.

Illinois Iron & Bolt Co., Carpentersville, Ill. Anvils. 310,330, Feb. 20, 1934. Republished Apr. 20. Class 14.

Independent Oil and Gas Company, Tulsa, Okla. Kerosene, gasoline, furnace oil, etc. 261,791, Sept. 24, 1929. Canceled Mar. 26, 1948. O. G. Apr. 20. Class 15.

Independent Oil and Gas Company, Tulsa, Okla. Gasoline and lubricating oils. 265,820, Jan. 7, 1930. Canceled Mar. 26, 1948. O. G. Apr. 20. Class 15.

Infilco Incorporated: *See*—
International Filter Co.

Ingrid of Hollywood, Hollywood, Calif. Ladies' underwear, blouses, hosiery, etc. 438,440, Apr. 20; Serial No. 517,306, published Jan. 20, 1948. Class 39.

Institute of Boiler & Radiator Manufacturers, New York, N. Y. Steam and hot water boilers and radiators. 379,743, July 23, 1940. Republished Apr. 20. Class 34.

International Electric Co.: *See*—
Turk, Richard H.

International Electric Fence Co.: *See*—
Turk, Richard H.

International Filter Co., by Infilco Incorporated, Chicago, Ill. Water-softening materials. 215,809, July 27, 1926. Republished Apr. 20. Class 6.

International Filter Company, by Infilco Corporation, Chicago, Ill. Chemical feeders, hydraulic control tables, liquid flow controllers, etc. 325,305, June 18, 1935. Republished Apr. 20. Class 26.

International Filter Co., by Infilco Incorporated, Chicago, Ill. Liquid treating apparatus and equipment in particular apparatus, etc. 371,146, Sept. 19, 1939. Republished Apr. 20. Class 23.

International Harvester Company, Chicago, Ill. Farm machinery. 421,730, June 18, 1946. Republished Apr. 20. Class 23.

Interstate Dry Goods Syndicate Incorporated, The, Huntington, W. Va. Men's jackets, robes, sweaters, etc. 438,457, Apr. 20; Serial No. 522,018, published Jan. 20, 1948. Class 39.

Jackes-Evans Manufacturing Company, St. Louis, Mo. Stove pipes. 66,489, Dec. 3, 1907. Republished Apr. 20. Class 34.

Jacobs Candy Company, Ltd., by Jacobs Candy Corporation, New Orleans, La. Candy. 127,623, Nov. 18, 1919. Republished Apr. 20. Class 46.

Jacobs Candy Company, Ltd., by Jacobs Candy Corporation, New Orleans, La. Candy. 127,751, Dec. 2, 1919. Republished Apr. 20. Class 46.

Jacobs Candy Company, Ltd., by Jacobs Candy Corporation, New Orleans, La. Candy. 139,556, Feb. 8, 1921. Republished Apr. 20. Class 46.

Jacobs Candy Corporation: *See*—
Jacobs Candy Company, Ltd.

Jetmore Co., The, Olathe, Kans. Children's play garments. 438,406, Apr. 20; Serial No. 508,734, published Jan. 13, 1948. Class 39.

Johnson, Endicott, Corporation, Endicott, N. Y. Misses' and growing girls' shoes. 438,383, Apr. 20; Serial No. 489,574, published Jan. 20, 1948. Class 39.

Johnson, S. C., & Son, by S. C. Johnson & Son, Inc., Racine, Wis. Valve-grinding compound. 181,114, Mar. 11, 1924. Republished Apr. 20. Class 4.

Johnson, S. C., & Son, by S. C. Johnson & Son, Inc., Racine, Wis. Varnish. 224,358, Feb. 22, 1927. Republished Apr. 20. Class 16.

Johnson, S. C., & Son, by S. C. Johnson & Son, Inc., Racine, Wis. Electric floor-polishing machines. 227,213. May 3, 1927. Republished Apr. 20. Class 21.

Johnson, S. C., & Son, by S. C. Johnson & Son, Inc., Racine, Wis. Lacquers. 247,965, Oct. 9, 1928. Republished Apr. 20. Class 16.

Johnson, S. C., & Son, Inc.: *See*—
Johnson, S. C., & Son.

Kane Furniture Company, to Kane's Incorporated, Boston, Mass. Refrigerators. 232,896, renewed Sept. 20, 1947. O. G. Apr. 20. Class 31.

Kane's Incorporated: *See*—
Kane Furniture Company.

Kaufmann, R. & M., Inc., Aurora, Ill. Wash frocks, slacks, and pajamas. 500,108, Apr. 20; Serial No. 528,285, published Jan. 13, 1948. Class 39.

Kee Lox Manufacturing Company, Rochester, N. Y. Carbon papers and typewriter ribbons. 387,507, May 20, 1941. Republished Apr. 20. Class 11.

Kee Lox Manufacturing Company, Rochester, N. Y. Carbon papers and typewriter ribbons. 392,901, Jan. 20, 1942. Republished Apr. 20. Class 11.

Kee Lox Manufacturing Company, Rochester, N. Y. Carbon papers and typewriter ribbons. 397,995, Oct. 6, 1942. Republished Apr. 20. Class 11.

Kee Lox Manufacturing Company, Rochester, N. Y. Carbon papers and typewriter ribbons. 398,475, Nov. 3, 1942. Republished Apr. 20. Class 11.

Kellogg Company, Battle Creek, Mich. Cereal breakfast foods. 207,268, renewed Jan. 5, 1948. O. G. Apr. 20. Class 46.

Kelly-Wheaton Company, Toledo, Ohio. Dispensing tools. 438,485–6, Apr. 20; Serial Nos. 526,246–7, published Jan. 20, 1948. Class 23.

Kloster Steel Corporation, Chicago, Ill. Tool steel. 235,975, Nov. 29, 1927. Republished Apr. 20. Class 14.

Knickerbocker Clothing Co., St. Louis, Mo. Youths' and boys' outer garments. 135,724, Oct. 19, 1920. Republished Apr. 20. Class 39.

Knight, John B., Sr., Tampa, Fla. Hair dressing. 427,046, Jan. 21, 1947. Canceled Mar. 26, 1947. O. G. Apr. 20. Class 6.

Kramer, Lawrence, New York, N. Y. Neckwear and more particularly, bow ties. 377,672, Mar. 7, 1940. Canceled Mar. 26, 1948. O. G. Apr. 20. Class 39.

Krasner, Harold, Belleville, N. J. Pretzels. 428,423, Mar. 25, 1947. Canceled Mar. 26, 1948. O. G. Apr. 20. Class 46.

Krause, Karl L., doing business as Buffalo Shoe Mfg. Co., Seattle, Wash. Workmen's leather shoes and leather boots. 438,421, Apr. 20; Serial No. 512,267, published Jan. 27, 1948. Class 39.

La Crosse Breweries, Inc., La Crosse, Wis. Beer. 389,557, Aug. 12, 1941. Republished Apr. 20. Class 48.

Lake County Fruit Exchange: *See*—
Mt. Konocti Fruit Exchange.

La Marquise Company: *See*—
Birman, Erna.

Lamont, Robert, doing business as Red Rock Beverage Co., Altoona, Pa. Non-alcoholic, maltless beverages. 438,398, Apr. 20; Serial No. 505,755, published Feb. 10, 1948. Class 45.

Lang, Sandy, Chicago, Ill. Toy kites. 438,422, Apr. 20; Serial No. 512,268, published Dec. 2, 1947. Class 22.

La Pointe, Cesios E., Loma Linda, Calif. Imitation coffee. 217,875, Sept. 14, 1926. Canceled Mar. 26, 1948. O. G. Apr. 20. Class 46.

Laros Textiles Company, Bethlehem, Pa. Ladies' slips. 438,448, Apr. 20; Serial No. 519,400, published Jan. 20, 1948. Class 39.

Le Blond, R. K., Machine Tool Co., The, Cincinnati, Ohio. Metal lathes. 438,462, Apr. 20; Serial No. 522,415, published Jan. 20, 1948. Class 23.

Le Blond, R. K., Machine Tool Co., The, Cincinnati, Ohio. Metal lathes. 438,463, Apr. 20; Serial No. 522,449, published Jan. 20, 1948. Class 23.

Leedy, Harold K., doing business as Controlamix Co., Milwaukee, Wis. Electrically actuated counting apparatus. 438,385, Apr. 20; Serial No. 493,786, published Jan. 20, 1948. Class 26.

Leithold, Emily, doing business as Custom Maid Brassière Co., Philadelphia, Pa. Brassières, bra-slips and girdles. 438,492, Apr. 20; Serial No. 508,169. Class 39.

Lewis, Claude A., Houston, Tex., by Amity Leather Products Co., West Bend, Wis. Pocket-base-metal key holders. 279,629, Jan. 20, 1931. Republished Apr. 20. Class 13.

Lewis Electrical Manufacturing Company: *See*—
Lewis, Herbert.

Lewis, Herbert, doing business as Lewis Electrical Manufacturing Company, New York, N. Y. Instrument for electroplating. 438,433, Apr. 20; Serial No. 514,963, published Jan. 20, 1948. Class 21.

Lewis Manufacturing Co., Bay City, Mich. Ready-cut houses. 500,122, Apr. 20; Serial No. 530,648, Class 12.

Lincoln Engineering Company: *See*—
Lincoln Steel & Forge Company.

Lincoln Engineering Company, St. Louis, Mo. Unitary portable automotive servicing apparatus. 423,437, Sept. 3, 1946. Republished Apr. 20. Class 23.

Lincoln Steel & Steel Forge Company, by Lincoln Engineering Company, St. Louis, Mo. Portable lubricating apparatus. 231,354, Aug. 16, 1927. Republished Apr. 20. Class 23.

Lindquist, Robert J., Los Angeles, Calif. Electric generating therapeutic apparatus. 350,406, Sept. 28, 1937. Republished Apr. 20. Class 44.

Little Rock Restaurant Supply Company, Little Rock, Ark. Unit combination dining table and chairs. 430,008, June 3, 1947. Republished Apr. 20. Class 32.

Lockheed Aircraft Corporation, Burbank, Calif. Airplanes and structural parts therefor. 373,314, Dec. 5, 1939. Republished Apr. 20. Class 19.

Long, Dorothy A., Amenia, N. Y. Fluid milk. 416,903, Oct. 2, 1945. Republished Apr. 20. Class 46.

Long, Dorothy A., Amenia, N. Y. Veterinary preparations. 417,211, Oct. 16, 1945. Republished Apr. 20. Class 6.

Lord Fairfax Corporation of Maryland, Baltimore, Md. Whiskey, brandy, gin, etc. 317,188, Sept. 18, 1934. Canceled Mar. 26, 1948. O. G. Apr. 20. Class 49.

Maguire, Fred, assignor, by mesne assignments, to the Glass Sales Agency, Incorporated, by Silklin Paper Corporation, San Francisco, Calif. Toilet tissue. 334,021, Apr. 14, 1936. Republished Apr. 20. Class 37.

Maguire, Walter, Company, Inc., New York, N. Y. Premixed cement for patching concrete. 412,093, Feb. 20, 1945. Republished Apr. 20. Class 12.

Mahone, Albert W.: *See*—
Natural Vision Equipment Corporation.

Majestic Specialties, Inc., Cleveland, Ohio and New York, N. Y. Skirts. 438,479, Apr. 20; Serial No. 524,547, published Jan. 20, 1948. Class 39.

Mallinckrodt Chemical Works, St. Louis, Mo. Calogreen, a mercurial salt known as mercurous chloride. 230,506, July 26, 1927. Republished Apr. 20. Class 6.

Mallory, P. R., & Co., Inc.: *See*—
Elkon Works, Inc.

Mandel & Cohen, New York, to I. H. Cohen, Brooklyn, N. Y. Knitted underwear. 236,583, renewed Dec. 13, 1947. O. G. Apr. 20. Class 39.

Mandel & Cohen, to M. Mandel, New York, N. Y. Knitted underwear. 236,898, renewed Dec. 27, 1947. O. G. Apr. 20. Class 39.

Mandel, Max: *See*—
Mandel & Cohen.

Manufacture Metallurgique de Tournus, Tournus, France. Metallic kitchen and cooking utensils, comprising coffeepots, teapots, etc. 146,291, renewed Sept. 6, 1941. O. G. Apr. 20. Class 13.

Marathon Rubber Company, Inc., by The Goodyear Tire & Rubber Company, Akron, Ohio. Vehicle tires and tubes. 237,989, Jan. 24, 1928. Republished Apr. 20. Class 35.

Marcus & Wiesen, Inc., New York, N. Y. Girdles and corsets. 438,464, Apr. 20; Serial No. 522,585, published Jan. 20, 1948. Class 39.

Marmon-Herrington Company, Inc., Indianapolis, Ind. Internal combustion enginea and power transmissions. 438,468, Apr. 20; Serial No. 523,320, published Jan. 20, 1948. Class 23.

Marshall Clothing Manufacturing Company, Butler, Ind. Trousers, breeches, slacks, etc. 438,387, Apr. 20; Serial No. 495,316, published Jan. 13, 1948. Class 39.

Master Electric Company, The, Dayton, Ohio. Clutches. 438,375, Apr. 20; Serial No. 482,003, published Jan. 20, 1948. Class 23.

Matthews, W. N., Corporation, St. Louis, Mo. Clamps for wires. 429,701, May 13, 1947. Republished Apr. 20. Class 13.

Maury-Cole Company, to Canova Food, Incorporated, Memphis, Tenn. Coffee. 237,981, renewed Jan. 24, 1948. O. G. Apr. 20. Class 46.

May-Stern & Company, Pittsburgh, Pa. Bedroom furniture. 412,714, Mar. 20, 1945. Republished Apr. 20. Class 32.

Mayflower Mills, Fort Wayne, Ind. Wheat flour, phosphated flour, and self-rising flour. 292,708, Mar. 22, 1932. Republished Apr. 20. Class 46.

Mayflower Mills, Fort Wayne, Ind. Wheat flour, self-rising flour, and phosphated flour. 295,766, July 12, 1932. Republished Apr. 20. Class 46.

McGillicuddy, Mathilde, Minneapolis, Minn. Expectorant and sedative preparations for coughs due to common colds. 404,725, Dec. 21, 1943. Republished Apr. 20. Class 6.

Mead Cycle Company, Chicago, Ill. Bicycles. 127,289–90, Nov. 4, 1919. Republished Apr. 20. Class 19.

Mead, M. A., & Company, Chicago, Ill. Rings. 415,634, Aug. 14, 1945. Republished Apr. 20. Class 28.

Medical Chemicals, Inc., Baltimore, Md. Germicidal and fungicidal preparations. 401,781, June 8, 1943. Republished Apr. 20. Class 6.

Mercury Footwear, Inc., Pittston, Pa. Ladies' shoes. 438,438, Apr. 20; Serial No. 516,780, published Jan. 20, 1948. Class 39.

Meyer, Charles A., doing business as The Alphaden Company, to The Alphaden Company, Chicago, Ill. Medicinal preparation, particularly for remineralization of tooth and bone structure. 232,096, renewed Aug. 30, 1947. O. G. Apr. 20. Class 6.

Meyers, Louis & Son, Inc., New York, N. Y. Ladies', men's and children's gloves. 438,470, Apr. 20; Serial No. 523,598, published Jan. 20, 1948. Class 39.

Miami Products & Chemical Co., doing business as Softi-Suds Company, Dayton, Ohio. Cleaning composition. 500,117, Apr. 20; Serial No. 493,205. Class 4.

Michael, David & Co., by David Michael and Company Incorporated, Philadelphia, Pa. Flavoring for foods. 429,171, Apr. 22, 1947. Republished Apr. 20. Class 46.

Michael, David, and Company Incorporated: *See*—
Michael, David, & Co.

Mid-States Shoe Company: *See*—
Ideal Shoe Mfg. Co.

Mid-West Coolers, Inc., St. Louis, Mo. Fluid-cooling apparatus. 374,576, Jan. 16, 1940. Canceled Mar. 15, 1948. O. G. Apr. 20. Class 31.

Millar Brothers Mfg. Co.: *See*—
Millar, William N.

Millar, William N., doing business as Millar Brothers Mfg. Co., Detroit, Mich. Power driven lawn mowers. 438,454, Apr. 20; Serial No. 521,588, published Jan. 20, 1948. Class 23.

Miller Printing Machinery Co., Pittsburgh, Pa. Printers' machinery. 289,548, Dec. 1, 1931. Republished Apr. 20. Class 23.

Milwaukee Die Casting Co., Milwaukee, Wis. Pressure die castings. 405,481, Feb. 1, 1944. Republished Apr. 20. Class 14.

Minneapolis Brewing Company, Minneapolis, Minn. Beer. 381,507, Sept. 24, 1940. Republished Apr. 20. Class 48.

Minneapolis Brewing Company, Minneapolis, Minn. Beer. 389,979, Sept. 2, 1941. Republished Apr. 20. Class 48.

Minnesota Linseed Oil Paint Company, Minneapolis, Minn. Paints and varnishes. 374,700, Jan. 23, 1940. Republished Apr. 20. Class 16.

Minnesota Linseed Oil Paint Co., Minneapolis, Minn. Pigmented sealer and primer white paint. 500,106, Apr. 20; Serial No. 527,957, published Jan .13, 1948. Class 16.

Minnesota Linseed Oil Paint Co., Minneapolis, Minn. Undercoat, fumeproof, eggshell, flat white, and gloss interior wall finish paints. 500,107, Apr. 20; Serial No. 527,958, published Jan. 13, 1948. Class 16.

Miskella Infra-Red Company, The: *See*—
Miskella, William J.

Miskella, William J., doing business as The Miskella Infra-Red Company, Cleveland, Ohio. Heating and drying ovens. 438,443, Apr. 20; Serial No. 517,581, published Jan. 20, 1948. Class 21.

Moffett, C. J., Medicine Company: *See*—
Gardner, Mary.

Moffett, Charles J.: *See*—
Gardner, Mary.

Morgan, Walter E., Columbus, Ohio. Structural lumber. 500,118. Apr. 20; Serial No. 507,922. Class 12.

Morris, Philip, & Co. Ltd., to Philip Morris & Co. Ltd. Incorporated, New York, N. Y. Cigarettes. 68,502, re-renewed Apr. 14, 1948. O. G. Apr. 20. Class 17.

Morris, Philip, & Co. Ltd. Incorporated: *See*—
Morris, Philip, & Co. Ltd.

Mother's Grandma Cookie Company, by Grandma Baking Company, Inc., Seattle, Wash. Pastry. 276,541, Oct. 21, 1930. Republished Apr. 20. Class 46.

Mt. Konocti Fruit Exchange, doing business as Lake County Fruit Exchange, to Lake County Fruit Exchange, Kelseyville, Calif. Fresh deciduous fruits. 235,004, renewed Nov. 8, 1947. O. G. Apr. 20. Class 46.

Munising Paper Company, The: *See*—
Munising Paper Company.

Munising Paper Company, Munising, Mich., by The Munising Paper Company, Chicago, Ill. Bond-paper and waxing-paper. 115,102, Jan. 23, 1917. Republished Apr. 20. Class 37.

Myers, Walter H., Chalfont, Pa. Metal-working and wood-working hand tools. 438,473, Apr. 20; Serial No. 523,920, published Jan. 20, 1948. Class 23.

Myrtle Knitting Mills, Inc., Unionville, Conn. Sweaters, jackets, and ski suits, etc. 438,452, Apr. 20; Serial No. 521,202, published Jan. 20, 1948. Class 39.

Naamlooze Vennootschap Nederlandsche Kunstzijdefabriek, to Algemeene Kunstzijde Unie, N. V., Arnhem, Netherlands. Threads and yarns of artificial silk, cotton mercerized, etc. 201,462, renewed July 28, 1945. O. G. Apr. 20. Class 43.

Naef, M., & Co., to Firmenich & Co., successeurs de la Societe Anonyme M. Naef & Cie, Geneva, Switzerland. Artificial and synthetic perfumes and essential oils. 236,145–6, renewed Dec. 6, 1947. O. G. Apr. 20. Class 6.

Naef, M., & Co., to Firmenich & Co., successeurs de la Societe Anonyme M. Naef & Cie., Geneva, Switzerland. Artificial and synthetical perfumes and essential oils. 236,240, renewed Dec. 6, 1947. O. G. Apr. 20. Class 6.

National Carbon Company, Inc., New York, N. Y. Electric batteries, primary and secondary, and parts for same, etc. 140,539, renewed Jan. 5, 1948. O. G. Apr. 20. Class 21.

National Metal Specialties Co., Springfield, Mass. Metal stampings. 411,385, Jan. 16, 1945. Republished Apr. 20. Class 14.

National Toilet Company, Paris, Tenn. Preparations for flavoring soft drinks. 421,137, May 21, 1946. Canceled Mar. 15, 1948. O. G. Apr. 20. Class 45.

Natural Vision Equipment Corporation, New York, N. Y., by Albert W. Mahone, Chicago, Ill. Cameras, motion picture cameras, sensitized photographic films, etc. 422,617, Aug. 6, 1946. Republished Apr. 20. Class 26.

Neyron & Cie, Lyon, France. Textile fabric gloves, underwear of all kinds made of knitted or textile fabric, etc. 224,736, renewed Mar. 1, 1947. O. G. Apr. 20. Class 39.

Northern Cold Storage & Warehouse Co., Duluth, Minn. Eggs. 401,127–8, Apr. 27, 1943. Republished Apr. 20. Class 46.

Northmont Hosiery Corporation, Reading, Pa. Silk stockings for men and women. 234,761, Nov. 1, 1927. Republished Apr. 20. Class 39.

Norwich Pharmacal Company, The, Norwich, N. Y. Vaginal douche powder. 236,398, renewed Dec. 13, 1947. O. G. Apr. 20. Class 6.

Novo Process Co.: *See*—
Benedict, Irving H.

Ohio Crankshaft Company, The, Cleveland, Ohio. Inductive and dielectric heating apparatus. 417,711, Nov. 13, 1945. Republished Apr. 20. Class 21.

O'Keefe's Beverages, Limited, to Orange Crush Limited, Toronto, Ontario, Canada. Nonalcoholic, non-cereal, maltless beverages. 232,098, renewed Aug. 30, 1947. O. G. Apr. 20. Class 45.

Orange Crush Limited: *See*—
O'Keefe's Beverages, Limited.

Ottawa Silica Company: *See*—
United States Silica Co.

Owl Drug Co. The, Los Angeles, Calif. Sanitary napkins. 231,957, Aug. 30, 1927. Corrected. O. G. Apr. 20. Class 44.

Pacific Citrus Products Co., Fullerton, Calif. Preparation from fresh citrus fruits. 413,652, May 1, 1945. Canceled Mar. 26, 1948. O. G. Apr. 20. Class 45.

Paine, Charles T., to Redlands Orange Growers Association, Redlands, Calif. Fresh citrus fruits. 242,319, renewed Mar. 22, 1948. O. G. Apr. 20. Class 46.

Paint Merchandising Council, Chicago, Ill. Paints. 438,371, Apr. 20; Serial No. 462,649, published Apr. 4, 1944. Class 16.

Paraffine Companies, Inc., The: *See*—
Schumacher Wall Board Corporation.

Parfumerie Caron: *See*—
E. Daltroff & Cie.

Parker Rust Proof Company, Detroit, Mich. Chemical rust preventing compound. 327,233, Aug. 20, 1935. Republished Apr. 20. Class 6.

Parker Rust Proof Company, Detroit, Mich. Chemical rust-preventing compounds. 350,662, Oct. 5, 1937. Republished Apr. 20. Class 6.

Parker Rust Proof Company, Detroit, Mich. Steel sheets. 363,830, Jan. 10, 1939. Republished Apr. 20. Class 14.

Parker Rust Proof Company, Detroit, Mich. Chemicals for use in obtaining on metallic surfaces corrosion-resistant paint-holding coatings. 365,390, Mar. 7, 1939. Republished Apr. 20. Class 6.

Parker Rust Proof Company, Detroit, Mich. Chemicals for treating steel surfaces. 370,624, Aug. 29, 1939. Republished Apr. 20. Class 6.

Paulucci, Jeno F., assignee: *See*—
Bean Sprout Growers Association, Inc.

Peelex, Inc., New York, N. Y. Mechanical peeling machines. 438,480, Apr. 20; Serial No. 524,618, published Jan. 20, 1948. Class 23.

Perfection Gear Company, Chicago, Ill., to Perfection Gear Company, Harvey, Ill. Chains for use on motor front ends, motor drives, and power transmissions of all descriptions. 231,624, renewed Aug. 23, 1947. O. G. Apr. 20. Class 13.

Perkins Soap Company, Springfield, Mass. Soap. 239,440, Mar. 6, 1928. Republished Apr. 20. Class 4.

Petersen, P. F., Baking Company, Omaha, Nebr. Cake and sweet rolls. 267,677, Feb. 25, 1930. Republished Apr. 20. Class 46.

Petite Miss Co., New York, N. Y. Ladies' coats. 500,113, Apr. 20; Serial No. 530,678, published Jan. 20, 1948. Class 39.

Pfeiffer, S., Mfg. Co., St. Louis, Mo. Medicinal preparation. 126,952, Oct. 14, 1919. Republished Apr. 20. Class 6.

Pfeiffer, S., Mfg. Co., St. Louis, Mo. Medicinal preparation. 139,868, Feb. 22, 1921. Republished Apr. 20. Class 6.

Phillips & Benjamin Company, The, Waterbury, Conn. Deodorant. 384,789, Feb. 4, 1941. Canceled Mar. 26, 1948. O. G. Apr. 20. Class 6.

Phillips & Buttorff Manufacturing Company, Nashville, Tenn. Gas ranges, gas cookers, gas hot plates, etc. 280,590, Feb. 24, 1931. Republished Apr. 20. Class 34.

Phillips Petroleum Company, Bartlesville, Okla. Napthas for use as solvents or thinners in paints, varnishes, etc. 438,427, Apr. 20; Serial No. 513,203, published Sept. 16, 1947. Class 16.

Pike Manufacturing Company, Pike, N. H. Scythe-stones, whetstones, and abrasive sharpening stones. 203,766, Sept. 22, 1925. Corrected. O. G. Apr. 20. Class 4.

Pilsen Brewing Company, Chicago, Ill. Beer. 396,860, Aug. 4, 1942. Republished Apr. 20. Class 48.

Pioneer Suspender Company, assignee: *See*—
Taunton Pearl Works.

Polack, Larry, Inc., New York, N. Y. Maternity suspender garters. 438,474, Apr. 20; Serial No. 524,017, published Jan. 20, 1948. Class 39.

Potts Powder Company, The, Reynolds, Pa., and New York, N. Y., by Atlas Powder Company, Wilmington, Del. Nitroglycerin dynamite. 68,557, Apr. 14, 1908. Republished Apr. 20. Class 9.

Pratt-Low Preserving Company, Santa Clara, Calif. Canned fruits and canned vegetables, and apricot butter. 249,359, Nov. 13, 1928. Republished Apr. 20. Class 46.

Preis, J. J., & Company, to I., L., & R. Michaels Inc., New York, N. Y. Young men's and students' suits. 235,178, renewed Nov. 15, 1947. O. G. Apr. 20. Class 39.

Presto Electric Co.: *See*—
Presto Products Co.

Presto Products Co., New York, N. Y., to Presto Electric Co., Union City, N. J. Attachment plugs, electric sadiron elements, radiant heating coils, etc. 236,795, renewed Dec. 20, 1947. O. G. Apr. 20. Class 21.

Procter & Gamble Company, The, Cincinnati, Ohio. Washing powder. 234,222, Oct. 18, 1927. Republished Apr. 20. Class 4.

Procter & Gamble Company, The, Cincinnati, Ohio. Shampoo. 389,815, Aug. 19, 1941. Republished Apr. 20. Class 6.

Protexacar: *See*—
Cohen, Nathaniel.

Purex Corporation, Ltd., South Gate, Calif. Powdered cleanser. 430,422, June 10, 1947. Republished Apr. 20. Class 4.

Ranney-Davis Mercantile Company, The, Arkansas City, Kans. Canned fruits and vegetables, etc. 146,597, Sept. 13, 1921. Republished Apr. 20. Class 46.

Redlands Orange Growers Association: *See*—
Paine, Charles T.

Red Rock Beverage Co.: *See*—
Lamont, Robert.

Reed, E. P., & Company, Rochester, N. Y. Shoes. 304,549, July 11, 1933. Republished Apr. 20. Class 39.

Regie Nationale Des Usines Renault: *See*—
Societe Anonyme Des Usines Renault.

Rendler, Carl, Los Angeles, Calif. Fry pans. 438,410, Apr. 20; Serial No. 509,601, published Jan. 27, 1948. Class 13.

Reynolds Electric Co., Chicago, Ill. Electrical flashers and flasher controls. 302,936, May 2, 1933. Republished Apr. 20. Class 21.

Reynolds Electric Co., Chicago, Ill. Food mixers, meat grinders, vegetable peelers, and juice extractors. 308,478, Dec. 5, 1933. Republished Apr. 20. Class 23.

Reynolds Electric Co., Chicago, Ill. Electric advertising signs. 314,225, June 19, 1934. Republished Apr. 20. Class 21.

Reynolds Electric Company, Chicago, Ill. Electric fans. 373,180, Nov. 28, 1939. Republished Apr. 20. Class 21.

Rice-Stix Dry Goods Company, St. Louis, Mo. Dresses. 241,733, renewed May 8, 1948. O. G. Apr. 20. Class 39.

Rid-Sludge, Incorporated, Minneapolis, Minn. Solution for removing sludge deposits from heating and cooling systems, pipes, etc. 404,401, Nov. 23, 1943. Republished Apr. 20. Class 6.

Robbins, Anatole, Inc., Los Angeles, Calif. Cologne. 500,120, Apr. 20; Serial No. 524,720. Class 6.

Robbins & Naumburg Co., New York, N. Y. Men's hose. 438,390, Apr. 20; Serial No. 499,283, published Jan. 13, 1948. Class 39.

Robertson, H. H., Company, Pittsburgh, Pa. Paints. 438,376, Apr. 20; Serial No. 483,152, published Jan. 13, 1948. Class 16.

Rock-Tred Corporation, Chicago, Ill. Powdered material to be mixed into a plaster-like consistency for sealing masonry. 438,491, Apr. 20; Serial No. 507,939. Class 12.

Rogers Peet Company, New York, N. Y. Outer suits and overcoats. 95,149, Feb. 3, 1914. Republished Apr. 20. Class 39.

Rogers Peet Company, New York, N. Y. Men's and boys' dress, sporting, negligee, and outing outer suits and pieces thereof. 95,351, Feb. 10, 1914. Republished Apr. 20. Class 39.

Rogers Peet Company, New York, N. Y. Outer suits and overcoats. 104,952, June 29, 1915. Republished Apr. 20. Class 39.

Rogers Peet Company, New York, N. Y. Shoes. 106,366, Oct. 19, 1915. Republished Apr. 20. Class 39.

Rogers Peet Company, New York, N. Y. Suits. 232,503, Sept. 13, 1927. Republished Apr. 20. Class 39.

Rohloff, Harry H., Los Angeles, Calif. Chemical stains and oil and wax dressings. 425,715, Dec. 3, 1946. Republished Apr. 20. Class 16.

Rohm & Haas Company, Philadelphia, Pa. Finishes. 438,471, Apr. 20; Serial No. 523,618, published Nov. 25, 1947. Class 16.

Rothholz, Wm. A., Co., Inc., New York, N. Y. Linen and cotton piece goods. 309,608, Jan. 25, 1934. Republished Apr. 20. Class 42.

Rustless Iron & Steel Corporation, Baltimore, Md., assignor to The American Rolling Mill Company by The American Rolling Mill Company, Middletown, Ohio. Alloy steel and corrosion resisting alloy steel. 424,315, Oct. 1, 1946. Republished Apr. 20. Class 14.

Safway Steel Products, Inc.: *See*—
Uecker Equipment Company.

Sampsel, William A., doing business as Acrylic Plastic Laboratory, Los Angeles, Calif. Transparent mountings for mineral, biological, and pathological subjects. 429,149, Apr. 22, 1947. Republished Apr. 20. Class 50.

Sargeant Acnoid Pharmaceutical Co., Inc.: *See*—
Sargeant, Mortimer W.

Sargeant Acnoid Pharmaceutical Co., Inc., East Orange, N. J. Skin salves, skin ointments, skin lotions, etc. 314,984, July 17, 1934. Republished Apr. 20. Class 6.

Sargeant, Mortimer W., by Sargeant Acnoid Pharmaceutical Co., Inc., East Orange, N. J. Hand lotion. 200,442, June 30, 1925. Republished Apr. 20. Class 6.

Scandia Toys, Glendale, 1, Calif. Wooden toys. 422,557, July 30, 1946. Republished Apr. 20. Class 22.

Schalk Chemical Company, Los Angeles, Calif. Paint brush cleaner. 500,110, Apr. 20; Serial No. 528,587, published Jan. 13, 1948. Class 16.

Schenck, M. B., Company, The, Meriden, by The Bassick Company, Bridgeport, Conn. Casters. 90,585, Mar. 4, 1913. Republished Apr. 20. Class 13.

Schmitt, Sara A., doing business as Shenango Valley Awning Company, Sharpsville, to S. A. Schmitt, doing business as Shenango Valley Awning Company, Hadley, Pa. Awnings, tents, and tarpaulins. 236,736, renewed Dec. 20, 1947. O. G. Apr. 20. Class 50.

Schumacher Wall Board Corporation, Wilmington, Del., Seattle, Wash., and Los Angeles, Calif., to The Paraffine Companies, Inc., San Francisco, Calif. Plaster board. 236,475, renewed Dec. 13, 1947. O. G. Apr. 20. Class 12.

Schwartz, Jack, Los Angeles, Calif. Handkerchiefs. 352,001, Nov. 16, 1937. Republished Apr. 20. Class 39.

Schweitzer, Peter J., Inc., New York, N. Y. Writing paper. 420,591, Apr. 23, 1946. Republished Apr. 20. Class 37.

Scott, Rufus W., Company, to Bacon-Scott Company, Inc., New York, N. Y. Hosiery. 234,809, renewed Nov. 8, 1947. O. G. Apr. 20. Class 39.

Scott, Rufus W., Company, to Bacon-Scott Company, Inc., New York, N. Y. Hosiery. 235,313, renewed Nov. 15, 1947. O. G. Apr. 20. Class 39.

Scott, Rufus W., Company, to Bacon-Scott Company, Inc., New York, N. Y. Hosiery. 236,347, renewed Dec. 13, 1947. O. G. Apr. 20. Class 39.

Scott, Rufus W., Company, to Bacon-Scott Company, Inc., New York, N. Y. Hosiery. 236,467, renewed Dec. 13, 1947. O. G. Apr. 20. Class 39.

Seaman Paper Company, Chicago, Ill. Kapok batting for sound-deadening and thermal insulation. 388,071, June 10, 1941. Republished Apr. 20. Class 12.

Seamless Rubber Company, The, New Haven, Conn. Household gloves. 438,469, Apr. 20; Serial No. 523,481, published Jan. 20, 1948. Class 39.

Selas Corporation of America, Philadelphia, Pa. Meter. 438,372, Apr. 20; Serial No. 473,261, published Apr. 8, 1947. Class 26.

Selby Shoe Company, The, Portsmouth, Ohio. Shoes. 438,494, Apr. 20; Serial No. 521,983. Class 39.

Senack Shoe Company, by Consolidated Retail Stores, Inc., St. Louis, Mo. Shoes. 246,438, Sept. 4, 1928. Republished Apr. 20. Class 39.

Sengbusch Self-Closing Inkstand Company, Milwaukee, Wis. Writing pens. 239,400, Mar. 6, 1928. Republished Apr. 20. Class 37.

Service Station Equipment Company, Bryan, Ohio, to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Pressure gauges. 242,758, renewed June 5, 1948. O. G. Apr. 20. Class 26.

Service Station Equipment Company, Bryan, Ohio, to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Air compressors. 242,759, renewed June 5, 1948. O. G. Apr. 20. Class 23.

Service Station Equipment Company, Bryan, Ohio, to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Reels for hose pipes. 242,801, renewed June 5, 1948. O. G. Apr. 20. Class 23.

Shenango Valley Awning Company: *See*—
Schmitt, Sara A.

Sherwin-Williams, Company, The, Cleveland, Ohio. Paints. 438,455, Apr. 20; Serial No. 521,616, published Jan. 27, 1948. Class 16.

Shopper-ette & Specialties, Inc., Detroit, Mich. Hand carts. 438,429, Apr. 20; Serial No. 513,691, published Jan. 6, 1948. Class 19.

Silklin Paper Corporation: *See*—
Glass, Jackson C. E.
Maguire, Fred.

Silklin Paper Corporation, San Francisco, Calif. Toilet tissue. 423,018, Aug. 20, 1946. Republished Apr. 20. Class 37.

Silverice, Inc.: *See*—
Glennan, William S.

Singer Manufacturing Company, The, New York, N. Y., to The Singer Manufacturing Company, Elizabeth, N. J. Electric motors for sewing machines and controllers therefor. 161,905, renewed Jan. 5, 1948. O. G. Apr. 20. Class 21.

Singer Manufacturing Company, The, Elizabeth, N. J., and New York, N. Y., to The Singer Manufacturing Company, Elizabeth, N. J. Electric-lighting attachments and parts thereof. 237,589, renewed Jan. 10, 1948. O. G. Apr. 20. Class 21.

Sno-Flake Products Co., Detroit, Mich. Liquid polish. 438,472, Apr. 20; Serial No. 523,713, published Nov. 25, 1947. Class 16.

Societe Anonyme des Usines Renault, to Regie Nationale des Usines Renault, Billancourt, France. Internal combustion or explosion motors and parts thereof, etc. 235,066, renewed Nov. 8, 1947. O. G. Apr. 20. Class 23.

Societe Anonyme des Usines Renault, to Regie Nationale des Usines Renault, Billancourt, France. Automobiles and constructive parts thereof and aeroplanes and constructive parts thereof. 240,774, renewed Apr. 10, 1948. O. G. Apr. 20. Class 19.

Softi-Suds Company: *See*—
Miami Products & Chemical Company.

Southern Cotton Oil Company, The, Jersey City, and Bayonne, N. J., New York, N. Y., Gretna, La., Savannah, Ga., and Chicago, Ill., to The Southern Cotton Oil Company, New Orleans, La. Prepared fatty oleaginous or unctuous food substances. 145,013, renewed Jan. 5, 1948. O. G. Apr. 20. Class 46.

Sparkler Mfg. Co., Mundelein, Ill. Domestic water filters. 409,094, Sept. 12, 1944. Republished Apr. 20. Class 31.

Spaulding-Moss Company, Boston, Mass. Blue prints, van dyke prints, etc. 389,927, Aug. 26, 1941. Republished Apr. 20. Class 38.

Spaulding-Moss Company, Boston, Mass. Sensitized direct positive paper and cloth, etc. 391,034, Oct. 21, 1941. Republished Apr. 20. Class 26.

Specialty Stores Association Inc., New York, N. Y. Women's, misses' and children's clothing and undergarments. 438,425, Apr. 20; Serial No. 513,073, published Jan. 27, 1948. Class 39.

Spencer Thermostat Company, Cambridge, Mass. Kits for converting a hot-water heater to heat-storage system, gas burners, etc. 284,829, July 7, 1931. Republished Apr. 20. Class 34.

Squire Dingee Company, Chicago, Ill. Fruit butters. 289,843. Amended. Dec. 8, 1931. O. G. Apr. 20. Class 46.

Stadlmair, Harry: *See*—
Stadlmair, Henry, Co., Inc.

Stadlmair, Henry, Co., Inc., to Harry Stadlmair, New York, N. Y. Violins, violas, violoncellos, etc. 235,847, renewed Nov. 29, 1947. O. G. Apr. 20. Class 36.

Standard Manifold Company, Chicago, Ill. Packs of carbon paper. 394,561, Apr. 14, 1942. Republished Apr. 20. Class 11.

Standard Milling Company, New York, N. Y., by Standard Milling Company, Chicago, Ill. Wheat flour. 391,047, Oct. 21, 1941. Republished Apr. 20. Class 46.

Standard Milling Company, New York, N. Y., assignor to Standard Milling Company, by Standard Milling Company, Chicago, Ill. Wheat flour. 425,786, Dec. 3, 1946. Republished Apr. 20. Class 46.

Steel Tape Co. of America: *See*—
Consolidated Razor Blade Co., Inc.

Stein, Bloch Co., The, by Fashion Park, Inc., Rochester, N. Y. Men's, youths', and children's coats, overcoats, vests, etc. 60,573, Feb. 12, 1907. Republished Apr. 20. Class 39.

Stein, Bloch Co., The, by Fashion Park, Inc., Rochester, N. Y. Men's and boys' suits, and overcoats. 263,314, Nov. 5, 1929. Republished Apr. 20. Class 39.

Stein, Bloch Co., The, by Fashion Park, Inc., Rochester, N. Y. Coats, vests, pants, and overcoats, for men and boys. 272,399, July 8, 1930. Republished Apr. 20. Class 39.

Stevens, Chas. A., & Bros., to Chas. A. Stevens & Co., Chicago, Ill. Perfumes. 235,008, renewed Nov. 8, 1947. O. G. Apr. 20. Class 6.

Stevens, Chas. A., & Co.: *See*—
Stevens, Chas. A., & Bros.

Stimpson, George W., Washington, D. C. Sections of periodical publications. 418,797, Jan. 8, 1946. Republished Apr. 20. Class 38.

Strauss, Levi, & Company: *See*—
Strauss, Levi & Co.

Strauss, Levi, & Co., by Levi Strauss & Company, San Francisco, Calif. Overalls. 119,816, Dec. 11, 1917. Republished Apr. 20. Class 39.

Strauss, Levi & Company, San Francisco, Calif. Overalls. 223,725, Feb. 8, 1927. Republished Apr. 20. Class 39.

Strauss, Levi, & Company, San Francisco, Calif. Men's and boys' leather belts, jumper shirts, blouse shirts, etc. 276,391, Oct. 21, 1930. Republished Apr. 20. Class 39.

Strohmeyer & Arpe Company, New York, N. Y. Malt preparation for making a beverage. 68,447, Apr. 7, 1908. Republished Apr. 20. Class 48.

Strohmeyer & Arpe Company, New York, N. Y. Sardines, sprats, anchovies, etc. 68,658, Apr. 21, 1908. Republished Apr. 20. Class 46.

Strohmeyer & Arpe Company, New York, N. Y. Spanish salted sardines, macaroni, etc. 73,116, Mar. 16, 1909. Republished Apr. 20. Class 46.

Strohmeyer & Arpe Company, New York, N. Y. Macaroni, spaghetti, vermicelli, etc. 73,225, Mar. 30, 1909. Republished Apr. 20. Class 46.

Strohmeyer & Arpe Company, New York, N. Y. Macaroni, spaghetti, vermicelli, etc. 73,285, Apr. 6, 1909. Republished Apr. 20. Class 46.

Strohmeyer & Arpe Company, New York, N. Y. Olive oil, cotton seed oil, etc. 73,385, Apr. 13, 1909. Republished Apr. 20. Class 46.

Strohmeyer & Arpe Company, New York, N. Y. Mineral wax. 90,390, Feb. 18, 1913. Republished Apr. 20. Class 15.

Strohmeyer & Arpe Company, New York, N. Y. Mineral wax. 91,430, Apr. 29, 1913. Republished Apr. 20. Class 15.

Strohmeyer & Arpe Company, New York, N. Y. Canned vegetables, canned fruits and canned fish. 94,956, Jan. 13, 1914. Republished Apr. 20. Class 46.

Strohmeyer & Arpe Company, New York, N. Y. Canned fish. 95,236, Feb. 3, 1914. Republished Apr. 20. Class 46.

Strohmeyer & Arpe Company, New York, N. Y. Preserved fish, canned fish, canned fruit, etc. 96,207, Apr. 7, 1914. Republished Apr. 20. Class 46.

Strohmeyer & Arpe Company, New York, N. Y. Edible oils. 196,893, Mar. 31, 1925. Republished Apr. 20. Class 46.

Strohmeyer & Arpe Company, New York, N. Y. Canned fish. 198,666, May 26, 1925. Republished Apr. 20. Class 46.

Strohmeyer & Arpe Company, New York, N. Y. Corrugated pasteboard boxes. 218,867, Oct. 5, 1926. Republished Apr. 20. Class 2.

Sullivan, John, Norfolk, Va. Men's and boys' slacks, sport coats, suits, and trousers. 438,493, Apr. 20; Serial No. 515,639. Class 39.

Sullivan, Sam H., Laredo, Tex. Ladies' shoes. 438,449, Apr. 20; Serial No. 519,423, published Jan. 20, 1948. Class 39.

Sulloway Hosiery Mills, Franklin, N. H. Hosiery. 404,273, Nov. 16, 1943. Republished Apr. 20. Class 39.

Sweet, Orr & Co., New York, Newburgh, and Wappingers Falls, N. Y., Joliet, Ill., and Brooklyn, N. Y., to Sweet-Orr Co., Inc., Wappingers Falls, N. Y. Overalls. 69,323, re-renewed June 2, 1948. O. G. Apr. 20. Class 39.

Sweet-Orr Co., Inc.: *See*—
Sweet, Orr & Co.

Tabin-Picker & Company, Chicago, Ill. Cotton, silk, and artificial-silk aprons and dresses. 438,428, Apr. 20; Serial No. 513,477, published Jan. 6, 1948. Class 39.

Talon, Inc.: *See*—
Hookless Fastener Company.

Talon, Inc., Meadville, Pa. Slide fasteners. 381,511, Sept. 24, 1940. Republished Apr. 20. Class 13.

Taunton Pearl Works, Taunton, Mass., assignor to Pioneer Suspender Company, by Pioneer Suspender Company, Philadelphia, Pa. Cuff links, vest buttons, shirt studs, etc. 428,249, Mar. 18, 1947. Republished Apr. 20. Class 28.

Taylor, Thomas, & Sons, Inc., Hudson, Mass. Elastic shoe laces. 386,255, Apr. 1, 1941. Republished Apr. 20. Class 40.

Thermo Cuber Company, Inc., Chicago, Ill. Ice cutting machines. 374,818, Jan. 23, 1940. Republished Apr. 20. Class 26.

Thermo Cuber Company, Inc., Chicago, Ill. Cutting machines 375,745, Feb. 27, 1940. Republished Apr. 20. Class 23.

Thompson Chemical Company: *See*—
Thompson, Henry C.

Thompson, Henry C., Hartford, Conn., assignor to The Thompson Specialties, Inc., to Thompson Chemical Company, Pawtucket, R. I. Materials for preventing freezing of the water in automobile radiators. 227,919, renewed May 17, 1947. O. G. Apr. 20. Class 6.

Thompson, Henry C., Hartford, Conn., assignor to The Thompson Specialties, Inc., to Thompson Chemical Company, Pawtucket, R. I. Automobile polishes. 228,311, renewed May 31, 1947. O. G. Apr. 20. Class 16.

Thompson Specialties The, Inc., assignee: *See*—
Thompson, Henry C.

Tidy House Products Company, Des Moines, Iowa. Scratch and mar remover for furniture. 438,411, Apr. 20; Serial No. 509,798, published Jan. 13, 1948. Class 16.

Tourlaine Food Products, Inc., Chicago, Ill. Maltless non-alcoholic beverages. 395,214, May 19, 1942. Republished Apr. 20. Class 45.

Trumbull Electric Manufacturing Co., The, Plainville, Conn. Bus bar electrical distribution system apparatus. 438,417, Apr. 20; Serial No. 511,706, published Jan. 20, 1948. Class 21.

Turk, Richard H., doing business as International Electric Fence Co., by International Electric Co., Chicago, Ill. Electric fences. 424,467, Oct. 8, 1946. Republished Apr. 20. Class 21.

Turner, Oscar A., to O. A. Turner, doing business as Fabritecture Studio, Chicago, Ill. Textile doilies and scarfs. 233,366, renewed Sept. 27, 1947. O. G. Apr. 20. Class 42.

Uecker Equipment Company, Wauwatosa, by Safway Steel Products, Inc., Milwaukee, Wis. Ladders and scaffold equipment. 346,868, June 8, 1937. Republished Apr. 20. Class 50.

United Association of Journeymen Plumbers and Steamfitters of the United States and Canada, Washington, D. C. Metallic or non-metallic pipe. 438,396, Apr. 20; Serial No. 503,486, published Jan. 20, 1948. Class 13.

United Pure Food Co., New York, N. Y. Canned vegetables, dried vegetables, pickled vegetables, etc. 392,181, Dec. 16, 1941. Republished Apr. 20. Class 46.

United States News Publishing Corporation, Washington, D. C. Sections of periodical publications. 320,955, Jan. 15, 1935. Republished Apr. 20. Class 38.

United States News Publishing Corporation, Washington, D. C. Sections of periodical publications. 323,650, Apr. 23, 1935. Republished Apr. 20. Class 38.

United States Rubber Company, New York, N. Y. Boots and shoes. 438,382, Apr. 20; Serial No. 488,628, published Jan. 20, 1948. Class 39.

U. S. Sanitary Specialties Corporation, Chicago, Ill. General cleaning or washing compound. 237,099, Jan. 3, 1928. Republished Apr. 20. Class 4.

U. S. Sanitary Specialties Corporation, Chicago, Ill. Insecticides. 240,415, Mar. 27, 1928. Republished Apr. 20. Class 6.

United States Silica Co., Chicago, Ill., by Ottawa Silica Company, Ottawa, Ill. Sand-blast sand. 117,383, July 3, 1917. Republished Apr. 20. Class 4.

Universal Match Corporation: *See*—
American Metal Products Corporation.

Urbana Wine Company, Hammondsport, N. Y. Wines. 427,562, Feb. 11, 1947. Republished Apr. 20. Class 47.

Verifine Watch Supply Co., New York, N. Y. Watches and watch parts. 438,489, Apr. 20; Serial No. 495,846. Class 27.

Verona Tool Works, Pittsburgh, by Woodlings-Verona Tool Works, Verona, Pa. Railway-tracks and jacks for general lifting purposes. 197,704, Apr. 21, 1925. Republished Apr. 20. Class 23.

Victor Insulators, Inc., Victor, N. Y. Wet process porcelain high tension electric insulators. 396,924, Aug. 11, 1942. Republished Apr. 20. Class 21.

Victor Insulators, Inc., Victor, N. Y. Ceramic table and cooking ware. 410,670, Dec. 12, 1944. Republished Apr. 20. Class 30.

Wagner Manufacturing Company, The, Sidney, Ohio. Base metal steak platter. 295,483, July 5, 1932. Republished Apr. 20. Class 13.

Wagner Manufacturing Company, The, Sidney, Ohio. Base metal cooking hollow ware. 341,566, Dec. 15, 1936. Republished Apr. 20. Class 13.

Walker, Madam C. J., Manufacturing Company, Inc., The, Indianapolis, Ind. Face powder. 255,739, Apr. 30, 1929. Republished Apr. 20. Class 6.

Walker, Madam C. J., Manufacturing Company, Inc., The, Indianapolis, Ind. Pomade. 255,740, Apr. 30, 1929. Republished Apr. 20. Class 6.

Warren Engineering Co.: *See*—
Warren, Walter F.

Warren, Walter F., doing business as Warren Engineering Co., Los Angeles, Calif. Fishing rods. 438,490, Apr. 20. Serial No. 500,849. Class 22.

Watson, D., & Co.: *See*—
Hopkins, Ferdinand T.

West Bend Aluminum Co., West Bend, Wis. Base metal cooking hollow ware. 305,163, Aug. 8, 1933. Republished Apr. 20. Class 13.

West Bend Aluminum Co., West Bend, Wis. Coffee making percolators. 305,164, Aug. 8, 1933. Republished Apr. 20. Class 13.

West Bend Aluminum Co., West Bend, Wis. Electric tea kettles. 329,344, Oct. 29, 1935. Republished Apr. 20. Class 21.

West Creek Hosiery Co., Tuckerton, N. J. Hosiery. 438,401, Apr. 20; Serial No. 507,448, published Jan. 13, 1948. Class 39.

Western Wheeled Scraper Company, by Austin-Western Company, Aurora, Ill. Dump cars, spreader cars, flat cars, etc. 135,162, Sept. 21, 1920. Republished Apr. 20. Class 19.

Wico Electric Company, West Springfield, Mass. Magnetos. 409,384, Oct. 3, 1944. Republished Apr. 20. Class 21.

Wilkening Manufacturing Company, Philadelphia, Pa. Piston rings and piston ring expanders. 379,531, July 16, 1940. Republished Apr. 20. Class 35.

Williamson Heater Company, The, Cincinnati, Ohio. Air conditioning units. 372,710, Nov. 14, 1939. Republished Apr. 20. Class 34.

Wilson Fastener Company, The, Cleveland, Ohio. Hairpins made of non-precious metal. 236,582, Dec. 13, 1927. Republished Apr. 20. Class 40.

Wilson Fastener Company, The, Cleveland, Ohio. Snap fasteners. 351,916, Nov. 16, 1937. Republished Apr. 20. Class 40.

Wilson's, William M. Sons, Inc., Lansdale, Pa. Self-measuring gasoline pumps. 438,395, Apr. 20; Serial No. 503,336, published Jan. 20, 1948. Class 26.

Winter, Jack, Inc., Milwaukee, Wis. Wearing apparel. 438,441. Apr. 20; Serial No. 517,393, published Jan. 13, 1948. Class 39.

Wolff, Simon, doing business as Simon Wolff & Co., New York, N. Y. Men's, women's, and children's hosiery and knit underwear. 438,416, Apr. 20; Serial No. 511,526, published Jan. 13, 1948. Class 39.

Wolff, Simon, & Co.: *See*—
Wolff, Simon.

Wollensak Optical Company, Rochester, N. Y. Photographic shutters. 401,467, May 18, 1943. Republished Apr. 20. Class 26.

Wollensak Optical Company, Rochester, N. Y. Lens cleaning fluid. 423,251, Aug. 27, 1946. Republished Apr. 20, 1948. Class 4.

Wood, John, Manufacturing Company, Inc.: *See*—
Bennett Pumps Corporation.
Service Station Equipment Company.

Woodlings-Verona Tool Works: *See*—
Vernona Tool Works.

Woodville Lime Products Company, The, Toledo, Ohio. Lime. 233,050, Sept. 20, 1927. Republished Apr. 20. Class 12.

Woolen Corporation of America, The, New York, N. Y. Woolens, worsted, and cotton fabrics in the piece. 403,961, Oct. 26, 1943. Republished Apr. 20. Class 42.

Worth Lacquer and Chemical Company, Long Island City, assignor to Worth Lacquer and Chemical Company, Inc., New York, N. Y. Rubberized liquid lacquer. 438,405. Apr. 20; Serial No. 508,350, published Jan. 13, 1948. Class 16.

Worth Lacquer and Chemical Company, Inc., assignee: *See*—
Worth Lacquer and Chemical Company.

Wrigley, Wm., Jr., Company, Chicago, Ill. Chewing-gum. 102,001. Jan. 19, 1915. Republished Apr. 20. Class 46.

Wrigley, Wm., Jr., Company, Chicago, Ill. Chewing-gum. 105,032, June 29, 1915. Republished Apr. 20. Class 46.

Wrigley, Wm., Jr., Company, Chicago, Ill. Chewing-gum. 117,966, Aug. 7, 1917. Republished Apr. 20. Class 46.

Wrigley, Wm., Jr., Company, Chicago, Ill. Chewing-gum. 371,120, Sept. 19, 1939. Republished Apr. 20. Class 46.

Yankee Shoemakers, Inc., Newmarket, N. H. Shoes. 438,409. Apr. 20; Serial No. 509,550, published Jan. 20, 1948. Class 39.

Zellerbach Paper Company, San Francisco, Calif. Wax treated wrapping paper. 393,460, Feb. 17, 1942. Republished Apr. 20. Class 37.

Zeropack Company, The, Cincinnati, Ohio. Fresh frozen fruit. 320,772, Jan. 8, 1935. Republished Apr. 20. Class 46.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 2

Bags, Open-mesh. Bemis Bro. Bag Company. 429,911, May 20, 1947. Republished Apr. 20.

Boxes, Corrugated pasteboard. Strohmeyer & Arpe Company. 218,867, Oct. 5, 1926. Republished Apr. 20.

Sacks, Paper. Chatfield & Woods Sack Company. 330,130, Nov. 19, 1935. Republished Apr. 20.

CLASS 3

Suitcases, trunks, luggage carriers, etc. Hartmann Trunk Company. 385,499, Mar. 4, 1941. Republished Apr. 20.

CLASS 4

Cleaning and polishing compound. Acme Chemical Company. 406,278, Mar. 21, 1944. Republished Apr. 20.

Cleaning composition. Miami Products & Chemical Company. 500,117, Apr. 20; Serial No. 493,205.

Cleaning fluid, Lens. Wollensak Optical Company. 432,251, Aug. 27, 1946. Republished Apr. 20.

Cleaning or washing compound, General. U. S. Sanitary Specialties Corporation. 237,099, Jan. 3, 1928. Republished Apr. 20.

Cleanser or detergent. Diversey Manufacturing Company. 225,092, Mar. 8, 1927. Republished Apr. 20.

Cleanser, Powdered. Purex Corporation, Ltd. 430,422, Jan. 10, 1947. Republished Apr. 20.

Cleanser, soaps and general household cleansing and polishing preparation, etc., Wall paper. Bennett Glass & Paint Company. 308,468, Dec. 5, 1933. Republished Apr. 20.

Compound for cleaning, sterilising, etc. Acme Chemical Company. 406,277, Mar. 21, 1944. Republished Apr. 20.

Sand, Sand-blast. United States Silica Co. 117,383, July 3, 1917. Republished Apr. 20.

Scythe-stones, whetstones, and abrasive sharpening stones. Pike Manufacturing Company. 203,766, Sept. 22, 1925. Corrected. O. G. Apr. 20.

Soap. J. P. Davies Company. 78,069, May 31, 1910. Republished Apr. 20.

Soap. Perkins Soap Company. 239,440, Mar. 6, 1928 Republished Apr. 20.

Soap, Toilet. Acme Chemical Company. 412,305, Feb. 27, 1945. Republished Apr. 20.

Soap, Toilet. Hewitt Soap Company, Inc. 390,320, Sept. 16, 1941. Republished Apr. 20.

Valve-grinding compound. S. C. Johnson & Son. 181,114, Mar. 11, 1924. Republished Apr. 20.

Washing powder. Procter & Gamble Company. 234,222, Oct. 18, 1927. Republished Apr. 20.

CLASS 6

Aldehydes suitable for perfuming purposes, alcohols suitable for perfuming purposes, etc. Felton Chemical Company, Inc. 242,637–8, renewed May 29, 1948. O. G. Apr. 20.

Bleaching, cleansing, antiseptic and germicidal compounds. Clorox Chemical Corporation. 251,292, Jan. 1, 1929. Republished Apr. 20.

Calogreen a mercurial salt known as mercurous chloride. Mallinckrodt Chemical Works. 230,506, July 26, 1927. Republished Apr. 20.

Chemical rust preventing compound. Parker Rust Proof Company. 327,233, Aug. 20, 1935. Republished Apr. 20.

Chemical rust-preventing compounds. Parker Rust Proof Company. 350,662, Oct. 5, 1937. Republished Apr. 20.
Chemicals and mixtures of chemicals for use in photographic developing processes. Edwal Laboratories, Inc. 369,746, Aug. 1, 1939. Republished Apr. 20.
Chemicals for treating steel surfaces. Parker Rust Proof Company. 370,624, Aug. 29, 1939. Republished Apr. 20.
Chemicals for use in obtaining on metallic surfaces corrosion-resistant paint-holding coatings. Parker Rust Proof Company. 365,390, Mar. 7, 1939. Republished Apr. 20.
Cologne. Robbins, Anatole, Inc. 500,120, Apr. 20; Serial No. 524,720.
Coloring for easter eggs. Fred Fear & Co. 380,283, Aug. 20, 1940. Republished Apr. 20.
Composition containing chemical ingredients for strengthening, sterilizing, feeding, etc. Flower Foods, Inc. 401,470, May 18, 1943. Republished Apr. 20.
Cough remedies. F. T. Hopkins. 241,494, renewed May 1, 1948. O. G. Apr. 20.
Deodorant. Phillips & Benjamin Company. 384,789, Feb. 4, 1941. Canceled Mar. 26, 1948. O. G. Apr. 20.
Deodorant and disinfectant, Spray. Acme Chemical Company. 406,279, Mar. 21, 1944. Republished Apr. 20.
Dyes. Fred Fear & Co. 336,375, July 7, 1936. Republished Apr. 20.
Expectorant and sedative preparations for coughs due to common colds. M. McGillicuddy. 404,725, Dec. 21, 1943. Republished Apr. 20.
Face powder. Madam C. J. Walker Manufacturing Company, Inc. 255,739, Apr. 30, 1929. Republished Apr. 20.
Germicidal and fungicidal preparations. Medical Chemicals, Inc. 401,781, June 8, 1943. Republished Apr. 20.
Germicide, deodorant, and disinfectant. Acme Chemical Company. 316,763, Sept. 4, 1934. Republished Apr. 20.
Hair dressing. J. B. Knight, Sr. 427,046, Jan. 21, 1947. Canceled Mar. 26, 1948. O. G. Apr. 20.
Insecticides. U. S. Sanitary Specialties Corporation. 240,415, Mar. 27, 1928. Republished Apr. 20.
Lotion, Hand. M. W. Sargeant. 200,442, June 30, 1925. Republished Apr. 20.
Materials for preventing freezing of the water in automobile radiators. H. C. Thompson. 227,919, renewed May 17, 1947. O. G. Apr. 20.
Medicinal preparation. S. Pfeiffer Mfg. Co. 126,952, Oct. 14, 1919. Republished Apr. 20.
Medicinal preparation. S. Pfeiffer Mfg. Co. 139,868, Feb. 22, 1921. Republished Apr. 20.
Medicinal preparation, particularly for remineralization of tooth and bone structure. C. A. Meyer. 232,096, renewed Aug. 30, 1947. O. G. Apr. 20.
Perfume. S. C. Ghose. 375,454, Feb. 20, 1940. Republished Apr. 20.
Perfumes. Chas. A. Stevens & Bros. 235,008, renewed Nov. 8, 1947. O. G. Apr. 20.
Perfumes and essential oils. Artificial and synthetic. M. Nael & Co. 236,145-6, renewed Dec. 6, 1947. O. G. Apr. 20.
Perfumes and essential oils. Artificial and synthetical. M. Nael & Co. 236,240, renewed Dec. 6, 1947. O. G. Apr. 20.
Perfumes, lotions. E. Daltroff & Cie. 311,439, Mar. 20, 1934. Republished Apr. 20.
Photographic fixing agents. Edwal Laboratories, Inc. 410,695, Dec. 12, 1944. Republished Apr. 20.
Pomade. Madam C. J. Walker Manufacturing Company, Inc. 255,740, Apr. 30, 1929. Republished Apr. 20.
Powders, bath crystals, talcum powders, etc., Bath. Campana Sales Company. 390,154, Sept. 9, 1941. Republished Apr. 20.
Preparation for acute, relaxed and disturbed conditions of the stomach and bowels. Dr. Peter Fahrney & Sons Co. 377,477, May 7, 1940. Republished Apr. 20.
Preparation for the treatment of diseases of the skin. L. F. Birdsong, Sr. 500,119, Apr. 20; Serial No. 517,695.
Salves, skin ointments, skin lotions, etc., Skin. Sargeant Acnoid Pharmaceutical Co., Inc. 314,984, July 17, 1934. Republished Apr. 20.
Shampoo. Procter & Gamble Company. 389,815, Aug. 19, 1941. Republished Apr. 20.
Solution for removing sludge deposits from heating and cooling systems, pipes, etc. Rid-Sludge, Incorporated. 404,401, Nov. 23, 1943. Republished Apr. 20.
Soot destroyer and fuel saver. Acme Chemical Company. 353,439, Jan. 11, 1938. Republished Apr. 20.
Teething-powders. M. Gardner. 68,118, re-renewed Mar. 10, 1948. O. G. Apr. 20.
Tooth powder. A. E. Drucker. 84,730, Jan. 2, 1912. Republished Apr. 20.
Vaginal douche powder. Norwich Pharmacal Company. 236,398, renewed Dec. 13, 1947. O. G. Apr. 20.
Veterinary preparations. D. A. Long. 417,211, Oct. 16, 1945. Republished Apr. 20.
Water-softening materials. International Filter Co. 215,869, July 27, 1926. Republished Apr. 20.

CLASS 8

Ash trays. Fitzpatrick Industries, Inc. 438,446, Apr. 20; Serial No. 518,594, published Jan. 27, 1948.
Smokers' articles. Fran-Stef Mfg. Co. 438,386, Apr. 20; Serial No. 494,268, published Jan. 27, 1948.

CLASS 9

Nitroglycerin dynamite. Potts Powder Company. 68,557, Apr. 14, 1908. Republished Apr. 20.

CLASS 11

Carbon paper, Pack of. Standard Manifold Company. 394,561, Apr. 14, 1942. Republished Apr. 20.
Carbon papers and typewriter ribbons. Kee Lox Manufacturing Company. 387,507, May 20, 1941. Republished Apr. 20.
Carbon papers and typewriter ribbons. Kee Lox Manufacturing Company. 392,901, Jan. 20, 1942. Republished Apr. 20.
Carbon papers and typewriter ribbons. Kee Lox Manufacturing Company. 397,995, Oct. 6, 1942. Republished Apr. 20.
Carbon papers and typewriter ribbons. Kee Lox Manufacturing Company. 398,475, Nov. 3, 1942. Republished Apr. 20.

CLASS 12

Cement for patching concrete, Pre-mixed. Walter Maguire Company, Inc. 412,093, Feb. 20, 1945. Republished Apr. 20.
Fire brick, fire brick in plastic form for patching and repair purposes. A. P. Green Fire Brick Company. 500,121, Apr. 20; Serial No. 530,194.
Houses, Ready-cut. Lewis Manufacturing Co. 500,122, Apr. 20; Serial No. 530,648.
Kapok batting for sound-deadening and thermal insulation. Seaman Paper Company. 388,071, June 10, 1941. Republished Apr. 20.
Lime. Woodville Lime Products Company. 233,050, Sept. 20, 1927. Republished Apr. 20.
Lumber, Structural. W. E. Morgan. 500,118, Apr. 20; Serial No. 507,922.
Plaster board. Schumacher Wall Board Corporation. 236,475, renewed Dec. 13, 1947. O. G. Apr. 20.
Powdered material to be mixed into a plaster-like consistency for sealing masonry. Rock-Tred Corporation. 438,491, Apr. 20; Serial No. 507,939.
Wall boards and similar building materials. Celotex Company. 187,332, renewed Jan. 5, 1948. O. G. Apr. 20.
Window sash, Supplemental. American Weather Windows, Inc. 438,487, Apr. 20; Serial No. 494,251.

CLASS 13

Brackets, Curtain rod. H. E. Huggins. 438,461, Apr. 20; Serial No. 522,240, published Jan. 27, 1948.
Casters. M. B. Schenck Company. 90,585, Mar. 4, 1913. Republished Apr. 20.
Casters, metal drawer pulls and knobs, keyhole escutcheons, etc. Bassick Company. 154,226, Apr. 11, 1922. Republished Apr. 20.
Chains for use on motor front ends, motor drives, and power transmissions of all descriptions. Perfection Gear Company. 231,624, renewed Aug. 23, 1947. O. G. Apr. 20.
Clamps for wires. W. N. Matthews Corporation. 429,701, May 13, 1947. Republished Apr. 20.
Cookers, Portable hot-water food warmers, etc., Cereal. Duke Manufacturing Co. 274,575, Sept. 2, 1930. Republished Apr. 20.
Curtains, Shower. House Beautiful Curtains, Inc. 438,399, Apr. 20; Serial No. 505,830, published Jan. 27, 1948.
Fastener stringers and separable fasteners, Separable. Hookless Fastener Company. 232,898, Sept. 20, 1927. Republished Apr. 20.
Fasteners, faucets, valves, and drain valves, Metal. A. R. Adams. 429,695, May 13, 1947. Republished Apr. 20.
Fasteners, Separable. Hookless Fastener Company. 234,746, Nov. 1, 1927. Republished Apr. 20.
Fasteners, Slide. Talon, Inc. 381,511, Sept. 24, 1940. Republished Apr. 20.
Hollow ware, Base metal cooking. Wagner Manufacturing Company. 341,566, Dec. 15, 1936. Republished Apr. 20.
Hollow ware, Base metal cooking. West Bend Aluminum Co. 305,163, Aug. 8, 1933. Republished Apr. 20.
Key Holders, Pocket-base-metal. C. A. Lewis. 279,629, Jan. 20, 1931. Republished Apr. 20.
Kitchen and cooking utensils, comprising coffee-pots, teapots, etc., Metallic. Manufacture Metallurgique De Tournus. 146,291, renewed Sept. 6, 1941. O. G. Apr. 20.
Molded articles of plastic composition. General Industries Company. 243,359, June 19, 1928. Republished Apr. 20.
Pans, Fry. C. Rendler. 438,410, Apr. 20; Serial No. 509,601, published Jan. 27, 1948.
Percolators, Coffee-making. West Bend Aluminum Co. 305,164, Aug. 8, 1933. Republished Apr. 20.
Pipe, Metallic or non-metallic. United Association of Journeymen Plumbers and Steamfitters of the United States and Canada. 438,396, Apr. 20; Serial No. 503,486, published Jan. 20, 1948.
Platter, Base metal steak. Wagner Manufacturing Company. 295,483, July 5, 1932. Republished Apr. 20.
Slides and wheels. Bassick Company. 240,590, Apr. 3, 1928. Republished Apr. 20.
Strainers. Automatic Products Company. 402,467, July 27, 1943. Republished Apr. 20.
Valves and combination stop and drain valves, Stop. Hays Manufacturing Company. 438,407, Apr. 20; Serial No. 509,274, published Jan. 27, 1948.

CLASS 14

Alloy steel and corrosion-resisting alloy steel. Rustless Iron & Steel Corporation. 424,315, Oct. 1, 1946. Republished Apr. 20.
Alloys, compound metals, and tungsten, Metal. Elkon Works, Inc. 234,831, renewed Nov. 8, 1947. O. G. Apr. 20.
Anvils. Illinois Iron & Bolt Co. 75,084, Aug. 31, 1909. Republished Apr. 20.
Anvils. Illinois Iron & Bolt Co. 310,330, Feb. 20, 1934. Republished Apr. 20.
Castings, Pressure die. Milwaukee Die Casting Co. 405,481, Feb. 1, 1944. Republished Apr. 20.
Electrodes, Metallic welding. Harnischfeger Corporation. 411,286, Jan. 9, 1945. Republished Apr. 20.
Forgings, Steel. Heppenstall Company. 417,623, Nov. 6, 1945. Republished Apr. 20.
Rods and hard castings, Hard-facing welding. Coast Metals, Inc. 414,788, June 26, 1915. Republished Apr. 20.
Stampings, Metal. National Metal Specialties Co. 411,385, Jan. 16, 1945. Republished Apr. 20.
Steel sheets. Parker Rust Proof Company. 363,830, Jan. 10, 1939. Republished Apr. 20.
Steel, Tool. Kloster Steel Corporation. 235,975, Nov. 29, 1927. Republished Apr. 20.

CLASS 15

Gasoline and lubricating oils. Independent Oil and Gas Company. 265,820, Jan. 7, 1930. Canceled Mar. 26, 1948. O. G. Apr. 20.
Kerosene, gasoline, furnace oil, etc. Independent Oil and Gas Company. 261,791, Sept. 24, 1929. Canceled Mar. 26, 1948. O. G. Apr. 20.
Wax, Mineral. Strohmeyer & Arpe Company. 90,390, Feb. 18, 1913. Republished Apr. 20.
Wax, Mineral. Strohmeyer & Arpe Company. 91,430, Apr. 29, 1913. Republished Apr. 20.

CLASS 16

Cleaner, Paint brush. Schalk Chemical Company. 500,110, Apr. 20; Serial No. 528,587, published Jan. 13, 1948.
Finishes. Rohm & Haas Company. 438,471, Apr. 20; Serial No. 523,618, published Nov. 25, 1947.
Floor dressing. Acme Chemical Company. 301,015, Feb. 14, 1933. Republished Apr. 20.
Lacquer, Rubberized liquid. Worth Lacquer and Chemical Company. 438,405, Apr. 20; Serial No. 508,350, published Jan. 13, 1948.
Lacquers. S. C. Johnson & Son. 247,965, Oct. 9, 1928. Republished Apr. 20.
Naphthas for use as solvents or thinners in paints, varnishes, etc. Phillips Petroleum Company. 438,427, Apr. 20; Serial No. 513,203, published Sept. 16, 1947.
Paints. Paint Merchandising Council. 438,371, Apr. 20; Serial No. 462,649, published Apr. 4, 1944.
Paints. H. H. Robertson Company. 438,376, Apr. 20; Serial No. 483,152, published Jan. 13, 1948.
Paints. Sherwin-Williams Company. 438,455, Apr. 20; Serial No. 521,616, published Jan. 27, 1948.
Paints and varnishes. Minnesota Linseed Oil Paint Company. 374,700, Jan. 23, 1940. Republished Apr. 20.
Paints and varnishes, Ready-mixed. Commonwealth Varnish Co. 438,377, Apr. 20; Serial No. 483,259, published Jan. 13, 1948.
Paints, enamels, and varnishes. Boatwright Paint & Varnish Works, Inc. 500,114, Apr. 20; Serial No. 530,713, published Jan. 13, 1948.
Paints, lacquer paints, and primer paints, Enamel. Arco Company. 438,392, Apr. 20; Serial No. 501,623, published May 13, 1947.
Paints, paint enamels, varnishes, etc., Ready-mixed. J. E. Harris Company. 438,483, Apr. 20; Serial No. 525,592, published Jan. 13, 1948.
Paints, Under coat, fumeproof, eggshell, flat white, and gloss interior wall finish. Minnesota Linseed Oil Paint Co. 500,107, Apr. 20; Serial No. 527,958, published Jan. 13, 1948.
Paints, varnishes, and enamels, Dry, paste, and ready-mixed. Bennett Glass & Paint Company. 206,205, Nov. 24, 1925. Republished Apr. 20.
Paints, varnishes, and enamels, Dry, paste, and ready-mixed. Bennet Glass & Paint Company. 206,312, Nov. 24, 1925. Republished Apr. 20.
Polish. W. L. Clemens. 236,725, renewed Dec. 20, 1947. O. G. Apr. 20.
Polish, Liquid. Sno-Flake Products Co. 438,472, Apr. 20; Serial No. 523,713, published Nov. 25, 1947.
Polishes, Automobile. H. C. Thompson. 228,311, renewed May 31, 1947. O. G. Apr. 20.
Scratch and mar remover for furniture. Tidy House Products Company. 438,411, Apr. 20; Serial No. 509,798, published Jan. 13, 1948.
Seal for concrete and terrazzo floors, Quick-drying, penetrating, transparent, hardening. Acme Chemical Company. 405,181, Jan. 11, 1944. Republished Apr. 20.
Sealer and primer white paint, Pigmented. Minnesota Linseed Oil Paint Co. 500,106, Apr. 20; Serial No. 527,957, published Jan. 13, 1948.
Stains and oil and wax dressings, Chemical. H. H. Rohloff. 425,715, Dec. 3, 1946. Republished Apr. 20.
Varnish. S. C. Johnson & Son. 224,358, Feb. 22, 1927. Republished Apr. 20.
Varnish, Penetrating floor. Acme Chemical Company. 406,918, May 9, 1944. Republished Apr. 20.
Wax and paste floor wax, Self-polishing floor. Bennett Glass & Paint Company. 306,793, Sept. 26, 1933. Republished Apr. 20.
Wax, and powdered floor wax, Liquid floor. Acme Chemical Company. 411,032, Jan. 2, 1945. Republished Apr. 20.

CLASS 17

Cigarettes. Philip Morris & Co. Ltd. 68,502, Re-renewed Apr. 14, 1948. O. G. Apr. 20.

CLASS 19

Airplanes and structural parts therefor. Lockheed Aircraft Corporation. 373,314, Dec. 5, 1939. Republished Apr. 20.
Automobiles and constructive parts thereof and aeroplanes and constructive parts thereof. Societe Anonyme des Usines Renault. 240,774, renewed Apr. 10, 1948. O. G. Apr. 20.
Bicycles. Mead Cycle Company. 127,289-90, Nov. 4, 1919. Republished Apr. 20.
Cars, spreader cars, flat cars, etc., Dump. Western Wheeled Scraper Company. 135,162, Sept. 21, 1920. Republished Apr. 20.
Carts, Hand. Shopper-ette & Specialties, Inc. 438,429, Apr. 20; Serial No. 513,691, published Jan. 6, 1948.
Motorcycles. J. N. Gladden. 438,384, Apr. 20; Serial No. 490,303, published Jan. 21, 1947.
Vehicles. Buda Company. 404,084, Nov. 2, 1943. Republished Apr. 20.

CLASS 20

Linoleum and similar hard surface floor coverings, Prefabricated, decorative elements of. Armstrong Cork Company. 392,035, Dec. 2, 1941. Republished Apr. 20.

CLASS 21

Amplifiers, microphones, loud speakers, and selector switches, Audio and electric. Bell Sound Systems, Inc. 343,020, Feb. 9, 1937. Republished Apr. 20.
Apparatus, Bus bar electrical distribution system. Trumbull Electric Manufacturing Co. 438,417, Apr. 20; Serial No. 511,706, published Jan. 20, 1948.
Batteries, primary and secondary and parts for same, Electric. National Carbon Company, Inc. 140,539, renewed Jan. 5, 1948. O. G. Apr. 20.
Condensers, High dielectric ceramic. Erie Resistor Corporation. 405,685, Feb. 15, 1944. Republished Apr. 20.
Electric-lighting attachments and parts thereof. Singer Manufacturing Company. 237,589, renewed Jan. 10, 1948. O. G. Apr. 20.
Electrical flashers and flasher controls. Reynolds Electric Co. 302,936, May 2, 1933. Republished Apr. 20.
Electrical lighters and dispensers, Automatic. American Metal Products Corporation. 241,892, May 8, 1928. Republished Apr. 20.
Electrically operated hair brushes. Hershey Mfg. Co. 430,384, June 10, 1947. Republished Apr. 20.
Engraving and cutting implement, Portable electric. Burgess Battery Company. 405,700, Feb. 15, 1944. Republished Apr. 20.
Fans, Electric. Reynolds Electric Company. 373,180, Nov. 28, 1939. Republished Apr. 20.
Fences, Electric. R. H. Turk. 424,467, Oct. 8, 1946. Republished Apr. 20.
Floor polisher, Electric. Burkaw Electric Co. 438,415, Apr. 20; Serial No. 510,421, published Jan. 27, 1948.
Floor-polishing machines, Electric. S. C. Johnson & Son. 227,213, May 3, 1927. Republished Apr. 20.
Heating apparatus, Inductive and dielectric. Ohio Crankshaft Company. 417,711, Nov. 13, 1945. Republished Apr. 20.
Instrument for electroplating. H. Lewis. 438,433, Apr. 20; Serial No. 514,963, published Jan. 20, 1948.
Insulating compound, Ceramic electric. Henry L. Crowley & Company, Inc. 252,646, Feb. 12, 1929. Republished Apr. 20.
Insulators, Wet process porcelain high tension electric. Victor Insulators, Inc. 396,924, Aug. 11, 1942. Republished Apr. 20.
Magnetos. Wico Electric Company. 409,384, Oct. 3, 1944. Republished Apr. 20.
Motors for sewing machines and controllers therefor, Electric. Singer Manufacturing Company. 161,905, renewed Jan. 5, 1948. O. G. Apr. 20.
Ovens, Heating and drying. W. J. Miskella. 438,443, Apr. 20; Serial No. 517,581, published Jan. 20, 1948.
Percolators, Electric. Aluminum Goods Manufacturing Co. 242,891, renewed June 5, 1948. O. G. Apr. 20.
Plugs, electric sadiron elements, radiant heating coils, etc., Attachment. Presto Products Co. 236,795, renewed Dec. 20, 1947. O. G. Apr. 20.
Signs, Electric advertising. Reynolds Electric Co. 314,225, June 19, 1934. Republished Apr. 20.
Switches, Electric. Hart & Hegeman Mfg. Co. 241,792, renewed May 8, 1948. O. G. Apr. 20.
Tea kettles, Electric. West Bend Aluminum Co. 329,344, Oct. 29, 1935. Republished Apr. 20.

CLASS 22

Bowling pins. Brunswick-Balke-Collender Company. 300,432, Jan. 17, 1933. Republished Apr. 20.
Bowling pins. Brunswick-Balke-Collender Company. 314,586, July 3, 1934. Republished Apr. 20.
Fishing lines. Horton Manufacturing Company. 298,096, Oct. 11, 1932. Republished Apr. 20.
Fishing-rods. Horton Manufacturing Company. 73,218, Mar. 30, 1909. Republished Apr. 20.
Fishing rods. W. F. Warren. 438,490, Apr. 20; Serial No. 500,849.
Game-table cushions. Brunswick-Balke-Collender Company. 269,965, Apr. 22, 1930. Republished Apr. 20.
Golf game, Indoor. J. Hayem. 438,397, Apr. 20; Serial No. 505,751, published Jan. 6, 1948.
Playing cards. Brown & Bigelow. 239,599, Mar. 6, 1928. Republished Apr. 20.
Toy kites. S. Lang. 438,422, Apr. 20; Serial No. 512,268, published Dec. 2, 1947.
Toys, Wooden. Scandia Toys. 422,557, July 30, 1946. Republished Apr. 20.
Velocipede, Children's. E. J. Hughes. 360,011, Sept. 6, 1938. Canceled Mar. 26, 1948. O. G. Apr. 20.

CLASS 23

Actuators for brake mechanisms, etc., Power. Bendix Aviation Corporation. 382,225, Oct. 22, 1940. Republished Apr. 20.
Blocks, traveling blocks, swivels, etc., Crown. Emsco Derrick & Equipment Company. 370,912, Sept. 12, 1939. Republished Apr. 20.
Clutches. Master Electric Company. 438,375, Apr. 20; Serial No. 482,003, published Jan. 20, 1948.
Compressors, Air. Service Station Equipment Company. 242,759, renewed June 5, 1948. O. G. Apr. 20.
Compressors and parts thereof, Air. Bendix-Westinghouse Automotive Air Brake Company. 371,393, Sept. 26, 1939. Republished Apr. 20.
Cutters, glass cutter wheels, putty knives, etc., Glass. Glaziers' Tool Mfg. Corp. 438,430, Apr. 20; Serial No. 513,821, published Jan. 20, 1948.
Cutters or power operated cutting machines, Hand operated. Alfa Machine Company. 369,574, Aug. 1, 1939. Republished Apr. 20.
Cutting machines. Thermo Cuber Company, Inc. 375,745, Feb. 27, 1940. Republished Apr. 20.
Derricks and all the other items named in the registration, Steel. Emsco Derrick & Equipment Company. 397,476, Sept. 8, 1942. Republished Apr. 20.
Doughnut and bakery goods manufacturing equipment. V. E. Ackles. 438,465, Apr. 20; Serial No. 522,893, published Jan. 27, 1948.
Driers, centrifugal filters, and centrifugal separators, etc., Centrifugal. S. S. Hepworth Company. 148,582, renewed Jan. 1948. O. G. Apr. 20.
Farm machinery. International Harvester Company. 421,730, June 18, 1946. Republished Apr. 20.
Fire extinguishers, Hand operated, liquid chemical. Boka Sales Corporation. 438,391, Apr. 20; Serial No. 499,940, published Jan. 27, 1948.
Icing machines. Basic Food Sales Corp. 438,478, Apr. 20; Serial No. 524,518, published Jan. 20, 1948.
Internal combustion engines and power transmissions. Marmon-Herrington Company, Inc. 438,468, Apr. 20; Serial No. 523,320, published Jan. 20, 1948.
Internal combustion or explosion motors and parts thereof, etc. Societe Anonyme Des Usines Renault. 235,066, renewed Nov. 8, 1947. O. G. Apr. 20.
Jacks, Lifting. Duff-Norton Manufacturing Company. 421,489, June 4, 1946. Republished Apr. 20.
Knives, Kitchen. A. Guerra. 438,477, Apr. 20; Serial No. 524,457, published Jan. 20, 1948.
Lathes, Metal. R. K. Le Blond Machine Tool Co. 438,462, Apr. 20; Serial No. 522,415, published Jan. 20, 1948.
Lathes, Metal. R. K. Le Blond Machine Tool Co. 438,463, Apr. 20; Serial No. 522,449, published Jan. 20, 1948.
Lawn mowers, Power driven. W. N. Millar. 438,454, Apr. 20; Serial No. 521,588, published Jan. 20, 1948.
Liquid treating apparatus and equipment in particular apparatus, etc. International Filter Co. 371,146, Sept. 19, 1939. Republished Apr. 20.
Lubricating apparatus, Portable. Lincoln Steel & Steel Forge Company. 231,354, Aug. 16, 1927. Republished Apr. 20.
Machines. Jabez Burns & Sons, Inc. 238,672, renewed Feb. 14, 1948. O. G. Apr. 20.
Mixers, meat grinders, vegetable peelers, and juice extractors, Food. Reynolds Electric Co. 308,478. Dec. 5, 1933. Republished Apr. 20.
Openers, Can. J. A. Cahill. 438,437, Apr. 20; Serial No. 516,665, published Jan. 20, 1948.
Peeling machines, Mechanical. Peelex, Inc. 438,480, Apr. 20; Serial No. 524,618, published Jan. 20, 1948.
Peg-board. Felt and Tarrant Manufacturing Company. 413,261, Apr. 17, 1945. Republished Apr. 20.
Pistons. Autoproducts Corporation. 438,444–5, Apr. 20; Serial Nos. 518,192–3, published Jan. 20, 1948.
Printers' machinery. Miller Printing Machinery Co. 289,548, Dec. 1, 1931. Republished Apr. 20.
Pump plungers, Porcelain. Aldrich Pump Company. 236,075, renewed Dec. 6, 1947. O. G. Apr. 20.
Pumps, Rotary. Foster Pump Works. 236,037, Nov. 29, 1927. Republished Apr. 20.
Railway-tracks and jacks for general lifting purposes. Verona Tool Works. 197,704, Apr. 21, 1925. Republished Apr. 20.
Reels for hose pipes. Service Station Equipment Company. 242,801, renewed June 5, 1948. O. G. Apr. 20.
Servicing apparatus, Unitary portable automotive. Lincoln Engineering Company. 423,437, Sept. 3, 1946. Republished Apr. 20.
Spark-plug cleaners, Mechanical. Champion Spark Plug Company. 123,559, Nov. 19, 1918. Republished Apr. 20.
Sprayer, Insecticide. Edco Corporation. 438,460, Apr. 20; Serial No. 522,154, published Jan. 27, 1948.
Tool sets, Fireplace. Chattanooga Implement & Manufacturing Company. 438,458, Apr. 20; Serial No. 522,063, published Jan. 20, 1948.
Tools, Dispensing. Kelly-Wheaton Company. 438,485–6, Apr. 20; Serial Nos. 526,246–7, published Jan. 20, 1948.
Tools, Metal-working and wood-working hand. W. H. Myers. 438,473, Apr. 20; Serial No. 523,920, published Jan. 20, 1948.
Vending machines, Electric cigarette. M. Caruso. 438,423, Apr. 20; Serial No. 512,320, published Jan. 20, 1948.
Winding machinery, Yarn. Foster Machine Company. 397,466, Sept. 8, 1942. Republished Apr. 20.

CLASS 24

Laundry machines. American Machine and Metals, Inc. 396,963, Aug. 11, 1942. Republished Apr. 20.
Wash boards. Binswanger-Henkin Industries. 438,466, Apr. 20; Serial No. 523,067, published Jan. 27, 1948.

CLASS 26

Calculating device. Eugene Dietzen Co. 438,379, Apr. 20; Serial No. 484,945, published Jan. 20, 1948.
Calculating devices. Eugene Dietzgen Co. 438,378, Apr. 20; Serial No. 483,810, published Jan. 20, 1948.
Cameras, motion picture cameras, sensitized photographic films, etc. National Vision Equipment Corporation. 422,617, Aug. 6, 1946. Republished Apr. 20.
Cameras, projectors, and viewers. Golde Manufacturing Company, Chicago, Ill. 438,414, Apr. 20; Serial No. 510,316, published Jan. 20, 1948.
Coffee measure. Hills Bros. 322,133, Feb. 26, 1935. Republished Apr. 20.
Counting apparatus, Electrically actuated. H. K. Leedy. 438,385, Apr. 20; Serial No. 493,786, published Jan. 20, 1948.
Covers, Dust. Felt and Tarrant Manufacturing Company. 413,582, May 1, 1945. Republished Apr. 20.
Cutting machines, Ice. Thermo Cuber Company, Inc. 374,818, Jan. 23, 1940. Republished Apr. 20.
Feeders, hydraulic control tables, liquid flow controllers, etc., Chemical. International Filter Company. 325,305, June 18, 1935. Republished Apr. 20.
Gauges, Pressure. Service Station Equipment Company. 242,758, renewed June 5, 1948. O. G. Apr. 20.
Indicators. Aseptic-Thermo Indicator Co. 438,373–4, Apr. 20; Serial Nos. 474,522–3, published Jan. 20, 1948.
Measuring and dispensing apparatus, Liquid. S. F. Bowser & Company, Incorporated. 374,107, Jan. 2, 1940. Republished Apr. 20.
Meter. Selas Corporation of America. 438,372, Apr. 20; Serial No. 473,261, published Apr. 8, 1947.
Photocopying papers, Sensitized. Haloid Company. 438,432 Apr. 20; Serial No. 514,034, published Jan. 20, 1948.
Photographic apparatus. A. G. Alos. 438,424, Apr. 20; Serial No. 512,360, published Jan. 20, 1948.
Photographic cameras. Federal Manufacturing and Engineering Corp. 438,442, Apr. 20; Serial No. 517,567, published Jan. 20, 1948.
Photographic film, Sensitized. Agfa Ansco Corporation. 322,477, Mar. 5, 1935. Republished Apr. 20.
Photographic material, Light-sensitive. General Aniline & Film Corporation. 385,671, Mar. 11, 1941. Republished Apr. 20.
Photographic printing masks. F. D. Fisher. 438,420, Apr. 20; Serial No. 512,248, published Jan. 20, 1948.
Positive paper and cloth, etc., Sensitized direct. Spaulding-Moss Company. 391,034, Oct. 21, 1941. Republished Apr. 20.
Pumps, Self-measuring gasoline. William M. Wilson's Sons, Inc. 438,395, Apr. 20; Serial No. 503,336, published Jan. 20, 1948.
Rules, Steel. Consolidated Razor Blade Co., Inc. 438,402–3, Apr. 20; Serial Nos. 507,672–3, published Jan. 20, 1948.
Sensitive paper, Light. Haloid Company. 372,236, Oct. 24, 1939. Republished Apr. 20.
Sensitive paper, Light. Haloid Company. 374,811, Jan. 23, 1940. Republished Apr. 20.
Shutters, Photographic. Wollensak Optical Company. 401,467, May 18, 1943. Republished Apr. 20.
Tanks and measuring dispensing pumps, Combined liquid. Bennett Pumps Corporation. 242,794, renewed June 5, 1948. O. G. Apr. 20.
Thermistor devices. Electra Voice Corporation. 438,412, Apr. 20; Serial No. 509,835, published Jan. 20, 1948.

CLASS 27

Watches and watch parts. Verifine Watch Supply Co. 438,489, Apr. 20; Serial No. 495,846.

CLASS 28

Cuff links, vest buttons, shirt studs, etc. Taunton Pearl Works. 428,249, Mar. 18, 1947. Republished Apr. 20.
Rings. M. A. Mead & Company. 415,634, Aug. 14, 1945. Republished Apr. 20.

CLASS 30

Table and cooking ware, Ceramic. Victor Insulators, Inc. 410,670, Dec. 12, 1944. Republished Apr. 20.
Table-ware, Ceramic. Castleton China Incorporated. 396,787, Aug. 4, 1942. Republished Apr. 20.

CLASS 31

Filters. Automatic Products Company. 404,735, Dec. 21, 1943. Republished Apr. 20.
Filters, Domestic water. Sparkler Mfg. Co. 409,094, Sept. 12, 1944. Republished Apr. 20.
Fluid-cooling apparatus. Mid-West Coolers, Inc. 374,576, Jan. 16, 1940. Canceled Mar. 15, 1948. O. G. Apr. 20.
Refrigerating device. W. S. Glennan. 240,825, renewed Apr. 10, 1948. O. G. Apr. 20.
Refrigerators. Kane Furniture Company. 232,896, renewed Sept. 20, 1947. O. G. Apr. 20.

CLASS 32

Furniture, Bedroom. May-Stern & Company. 412,714, Mar. 20, 1945. Republished Apr. 20.
Stools, Bathroom and kitchen. Columbian Enameling & Stamping Co. 244,517, June 24, 1928. Republished Apr. 20.
Table and chairs, Unit combination dining. Little Rock Restaurant Supply Company. 430,008, June 3, 1947. Republished Apr. 20.

CLASS 33

Tumblers and glass stemware, Glass. Federal Glass Company. 336,004, June 23, 1936. Republished Apr. 20.

CLASS 34

Air conditioning units. Williamson Heater Company. 372,710, Nov. 14, 1939. Republished Apr. 20.
Boilers and radiators, Steam and hot water. Institute of Boiler & Radiator Manufacturers. 379,743, July 23, 1940. Republished Apr. 20.
Kits for converting a hot-water heater to heat-storage system, gas burners, etc. Spencer Thermostat Company. 284,829, July 7, 1931. Republished Apr. 20.
Ranges, gas cookers, gas hot plates, etc., Gas. Phillips & Buttorff Manufacturing Company. 280,590, Feb. 24, 1931. Republished Apr. 20.
Stove pipes. Jackes-Evans Manufacturing Company. 66,489, Dec. 3, 1907. Republished Apr. 20.

CLASS 35

Gaskets, washers, and packing. Armstrong Cork Company. 376,940, Apr. 9, 1940. Republished Apr. 20.
Piston rings and piston ring expanders. Wilkening Manufacturing Company. 379,531, July 16, 1940. Republished Apr. 20.
Tire repair devices. Buckeye Reliner Producing Co. 294,665, June 7, 1932. Republished Apr. 20.
Tires and tubes, Vehicle. Marathon Rubber Company, Inc. 237,989, Jan. 24, 1928. Republished Apr. 20.

CLASS 36

Pianos. L. Bromberg. 425,404, Nov. 19, 1946. Republished Apr. 20.
Violins, violas, violoncellos, etc. Henry Stadlmair Co., Inc. 235,847, renewed Nov. 29, 1947. O. G. Apr. 20.

CLASS 37

Bond, envelope, and book paper, etc. Champion Paper and Fibre Company. 500,105, Apr. 20; Serial No. 527,306, published Jan. 27, 1948.
Bond-paper and waxing paper. Munising Paper Company. 115,102, Jan. 23, 1917. Republished Apr. 20.
Paper, Toilet. J. C. E. Glass. 254,779, Apr. 2, 1929. Republished Apr. 20.
Paper, Wax treated wrapping. Zellerbach Paper Company. 393,460, Feb. 17, 1942. Republished Apr. 20.
Paper, Writing. Peter J. Schweitzer, Inc. 420,591, Apr. 23, 1946. Republished Apr. 20.
Pens. Sengbusch Self-Closing Inkstand Company. 239,400, Mar. 6, 1928. Republished Apr. 20.
Tissue, manila tissue, sulphite tissue, etc., Fourdrinier. Crown Willamette Paper Company. 312,656, May 1, 1934. Republished Apr. 20.
Tissue, Toilet. F. Maguire. 334,021, Apr. 14, 1936. Republished Apr. 20.
Tissue, Toilet. Silklin Paper Corporation. 423,018, Aug. 20, 1946. Republished Apr. 20.

CLASS 38

Books, pamphlets, and circulars. Climax Molybdenum Company. 388,035, June 10, 1941. Republished Apr. 20.
Newspaper column. D. C. Hayman. 388,059, June 10, 1941. Republished Apr. 20.
Periodical publications. Bureau of National Affairs, Incorporated. 320,962–3, Jan. 15, 1935. Republished Apr. 20.
Periodical publications. Bureau of National Affairs, Incorporated. 352,279, Nov. 23, 1937. Republished Apr. 20.
Periodical publications. Bureau of National Affairs, Incorporated. 360,819, Sept. 27, 1938. Republished Apr. 20.
Prints, van dyke prints, etc., Blue. Spaulding-Moss Company. 389,927, Aug. 26, 1941. Republished Apr. 20.
Publication. D. H. Doane. 398,591, Nov. 10, 1942. Republished Apr. 20.
Publication issued periodically. Chocolate Products Company. 411,245, Jan. 9, 1945. Republished Apr. 20.
Sections of periodical publications. Bureau of National Affairs, Incorporated. 320,961, Jan. 15, 1935. Republished Apr. 20.
Sections of periodical publications. G. W. Stimpson. 418,797, Jan. 8, 1946. Republished Apr. 20.
Sections of periodical publications. United States News Publishing Corporation. 320,955, Jan. 15, 1935. Republished Apr. 20.
Sections of periodical publications. United States News Publishing Corporation. 323,650, Apr. 23, 1935. Republished Apr. 20.

CLASS 39

Apparel, Women's outer. Herbert, Jess, Inc. 500,116, Apr. 20; Serial No. 531,123, published Jan. 20, 1948.
Aprons and dresses, Cotton, silk, and artificial-silk. Tabin-Picker & Company. 438,428, Apr. 20; Serial No. 513,477, published Jan. 6, 1948.
Belts, jumper shirts, blouse shirts, etc., Men's and boys'. leather. Levi Strauss & Company. 276,391, Oct. 21, 1930. Republished Apr. 20.
Boots and shoes. H. C. Godman Company. 438,389, Apr. 20; Serial No. 498,625, published Jan. 20, 1948.
Boots and shoes. United States Rubber Company. 438,382, Apr. 20; Serial No. 488,628, published Jan. 20, 1948.
Boots, shoes, sandals, etc. Chaussures Bally Societe Anonyme De Fabrication. 231,070, renewed Aug. 9, 1947. O. G. Apr. 20.
Boots, shoes, sandals, etc. Chaussures Bally Societe Anonyme Defabrication. 232,197, renewed Sept. 6, 1947. O. G. Apr. 20.
Brassières, bra-slips and girdles. E. Leithold. 438,402, Apr. 20; Serial No. 508,169.
Brassières, slips, foundation garments, etc. E. Birman. 438,456, Apr. 20; Serial No. 521,851, published Jan. 27, 1948.
Clothes, Work. Hawk & Buck Co. 340,333, Nov. 3, 1936. Republished Apr. 20.
Clothing and undergarments, Women's, misses', and children's. Specialty Stores Association Inc. 438,425, Apr. 20; Serial No. 513,073, published Jan. 27, 1948.
Clothing, Boys' and children's. Elder Manufacturing Company. 128,052, Dec. 23, 1919. Republished Apr. 20.
Clothing, Boys' and children's. Elder Manufacturing Company. 131,098, May 4, 1920. Republished Apr. 20.
Coat fronts, Shrinkproof. Delfiner Brothers, Inc. 438,453, Apr. 20; Serial No. 521,569, published Jan. 13, 1948.
Coats and suits, Misses' and junior misses'. Joe and Ted Funk, Inc. 438,418, Apr. 20; Serial No. 511,869, published Jan. 13, 1948.
Coats, Ladies'. Petite Miss Co. 500,113, Apr. 20; Serial No. 530,678, published Jan. 20, 1948.
Coats, overcoats, vests, etc., Men's, youths', and children's. Stein Bloch Co. 60,573, Feb. 12, 1907. Republished Apr. 20.
Coats, Women's. Fashion Park Incorporated. 253,140, Feb. 19, 1929. Republished Apr. 20.
Coats, vests, pants, and overcoats for men and boys. Stein-Bloch Co. 272,399, July 8, 1930. Republished Apr. 20.
Coats, vests, pants, and overcoats, Men's. Fashion Park Incorporated. 245,056, Aug. 7, 1928. Republished Apr. 20.
Coats, vests, pants, and overcoats, Men's. Fashion Park Associates, Inc. 273,332, July 29, 1930. Republished Apr. 20.
Coats, vests, pants, etc. Fashion Park Associates, Inc. 282,365, Apr. 21, 1931. Republished Apr. 20.
Coats, vests, pants, etc. Fashion Park Associates, Inc. 286,284, Aug. 25, 1931. Republished Apr. 20.
Coats, vests, pants, etc. Fashion Park Associates, Inc. 286,544, Sept. 1, 1931. Republished Apr. 20.
Coats, vests, pants, etc. Fashion Park Associates, Inc. 288,624, Nov. 3, 1931. Republished Apr. 20.
Coats, vests, pants, etc. Fashion Park Associates, Inc. 286,842–3, Sept. 8, 1931. Republished Apr. 20.
Coats, vests, pants, etc. Fashion Park Manufacturing Corporation. 321,689, Feb. 12, 1935. Republished Apr. 20.

Coats, vests, pants, etc., Men's. Fashion Park Incorporated. 252,289, Jan. 29, 1929. Republished Apr. 20.
Dresses. Rice-Stix Dry Goods Company. 241,733, renewed May 8, 1948. O. G. Apr. 20.
Dresses, Ladies'. Camac & Weiner. 500,115, Apr. 20; Serial No. 530,805, published Jan. 20, 1948.
Dresses, Women's. G. W. Eade and Company. 353,232, Dec. 28, 1937. Republished Apr. 20.
Dungarees and overalls. Bilt-Rite Mfg. Co. Inc. 438,447, Apr. 20; Serial No. 519,313, published Jan. 27, 1948.
Frocks, dressing gowns, etc., Women's and misses' party. Dumari Textile Co., Inc. 303,524, May 30, 1933. Republished Apr. 20.
Frocks, slacks, and pajamas, Wash. R. & M. Kaufman, Inc. 500,108, Apr. 20; Serial No. 528,285, published Jan. 13, 1948.
Garments, Children's. Bow Age, Inc. 438,408, Apr. 20; Serial No. 509,498, published Jan. 13, 1948.
Garments, Children's play. Jetmore Co. 438,406, Apr. 20; Serial No. 508,734, published Jan. 13, 1948.
Garments, Youths' and boys', Outer. Knickerbocker Clothing Co. 135,724, Oct. 19, 1920. Republished Apr. 20.
Girdles and corsets. Marcus & Wiesen, Inc. 438,464, Apr. 20; Serial No. 522,585, published Jan. 20, 1948.
Gloves and mittens. Aris Gloves, Inc. 500,109, Apr. 20; Serial No. 528,326, published Jan. 20, 1948.
Gloves, Household. Seamless Rubber Company. 438,469, Apr. 20; Serial No. 523,481, published Jan. 20, 1948.
Gloves, Ladies', men's, and children's. L. Meyers & Sou, Inc. 438,470, Apr. 20; Serial No. 523,598, published Jan. 20, 1948.
Gloves, underwear of all kinds made of knitted or textile fabric, etc., Textile fabric. Neyron & Cie. 224,736, renewed Mar. 1, 1947. O. G. Apr. 20.
Handkerchiefs. J. Schwartz. 352,001, Nov. 16, 1937. Republished Apr. 20.
Hats. Hat Corporation of America. 438,475–6, Apr. 20; Serial Nos. 524,186–7, published Jan. 20, 1948.
Hats and caps, Men's and boys'. Funk Bros. Hat & Cap Co. 500,111, Apr. 20; Serial No. 529,624, published Jan. 13, 1948.
Hats, Men's. Hat Corporation of America. 438,426, Apr. 20; Serial No. 513,110, published Jan. 13, 1948.
Hose, Men's. Robbins & Naumberg Co. 438,390, Apr. 20; Serial No. 499,283, published Jan. 13, 1948.
Hosiery. Cooper, Wells & Co. 242,629, renewed May 29, 1948. O. G. Apr. 20.
Hosiery. Dobson Hosiery Mills. 425,918, Dec. 3, 1946. Canceled Mar. 15, 1948. O. G. Apr. 20.
Hosiery. Hoover Hosiery Company. 238,656, renewed Feb. 14, 1948. O. G. Apr. 20.
Hosiery. R. W. Scott Company. 234,809, renewed Nov. 8, 1947. O. G. Apr. 20.
Hosiery. R. W. Scott Company. 235,313, renewed Nov. 15, 1947. O. G. Apr. 20.
Hosiery. R. W. Scott Company. 236,347, renewed Dec. 13, 1947. O. G. Apr. 20.
Hosiery. R. W. Scott Company. 236,467, renewed Dec. 13, 1947. O. G. Apr. 20.
Hosiery. Sulloway Hosiery Mills. 404,273, Nov. 16, 1943. Republished Apr. 20.
Hosiery. West Creek Hosiery Co. 438,401, Apr. 20; Serial No. 507,448, published Jan. 13, 1948.
Hosiery and knit underwear, Men's, women's, and children's. S. Wolff. 438,416, Apr. 20; Serial No. 511,526, published Jan. 13, 1948.
Hosiery and socks. Etablissements Bolleau. 438,451, Apr. 20; Serial No. 520,866, published Jan. 13.
Jackets, robes, sweaters, etc., Men's. Interstate Dry Goods Syndicate Incorporated. 438,457, Apr. 20; Serial No. 522,018, published Jan. 20, 1948.
Neckties. Botany Mills, Inc. 438,482, Apr. 20; Serial No. 524,763, published Jan. 20, 1948.
Neckties. Brumbeau Clothes, Inc. 438,488, Apr. 20; Serial No. 495,164.
Neckwear and more particularly, bow ties. L. Kramer. 377,672, May 7, 1940. Canceled Mar. 26, 1948. O. G. Apr. 20.
Night gowns, negligees, and slips, Ladies'. Hood Bros. 438,484, Apr. 20; Serial No. 525,847, published Jan. 20, 1948.
Outerwear, Ladies'. J. N. Clarke, Limited. 438,450, Apr. 20; Serial No. 520,265, published Jan. 20, 1948.
Overalls. Levi Strauss, & Co. 119,816, Dec. 11, 1917. Republished Apr. 20.
Overalls. Levi Strauss & Company. 223,725, Feb. 8, 1927. Republished Apr. 20.
Overalls. Sweet, Orr & Co. 69,323, re-renewed June 2, 1948. O. G. Apr. 20.
Pajamas. Blossom Products Corporation. 438,439, Apr. 20; Serial No. 516,948, published Jan. 13, 1948.
Pants, Waterproof baby. I. H. Benedict. 438,388, Apr. 20; Serial No. 497,524, published Jan. 13, 1948.
Shirts, sweaters, and swim trunks, Outer. R. V. D. Corporation. 438,481, Apr. 20; Serial No. 524,934, published Jan. 20.
Shoes. Air-Craft Shoe Co., Inc. 438,467, Apr. 20; Serial No. 523,231, published Jan. 13, 1948.
Shoes. General Shoe Corporation. 438,404, Apr. 20; Serial No. 508,281, published Jan. 20, 1948.
Shoes. E. P. Reed & Company. 304,549, July 11, 1933. Republished Apr. 20.
Shoes. Rogers Peet Company. 106,366, Oct. 19, 1915. Republished Apr. 20.
Shoes. Selby Shoe Company. 438,494, Apr. 20; Serial No. 521,983.
Shoes. Senack Shoe Company. 246,438, Sept. 4, 1928. Republished Apr. 20.
Shoes. Yankee Shoemakers, Inc. 438,409, Apr. 20; Serial No. 509,550, published Jan. 20, 1948.
Shoes and leather boots, Workmen's leather. K. L. Krause. 438,421, Apr. 20; Serial No. 512,267, published Jan. 27, 1948.
Shoes, Ladies'. Mercury Footwear, Inc. 438,438, Apr. 20; Serial No. 516,780, published Jan. 20, 1948.
Shoes, Ladies'. S. H. Sullivan. 438,449, Apr. 20; Serial No. 519,423, published Jan. 20, 1948.
Shoes, Ladies' and girls'. Abram's Hardwear Shoes. 438,393, Apr. 20; Serial No. 501,805, published Jan. 13, 1948.
Shoes, Leather. C. W. Dean. 438,419, Apr. 20; Serial No. 512,054, published Jan. 20, 1948.
Shoes, Leather. Ideal Shoe Mfg. Co. 246,318, Sept. 4, 1928. Republished Apr. 20.
Shoes, Men's. Commonwealth Shoe and Leather Company. 438,380, Apr. 20; Serial No. 486,291, published Jan. 20, 1948.
Shoes, Men's and boys'. Abram's Hardwear Shoes. 438,394, Apr. 20; Serial No. 501,806, published Jan. 13, 1948.
Shoes, Misses' and growing girls'. Endicott Johnson Corporation. 438,383, Apr. 20; Serial No. 489,574, published Jan. 20, 1948.
Skirts. Majestic Specialties, Inc. 438,479, Apr. 20; Serial No. 524,547, published Jan. 20, 1948.
Slacks, sport coats, suits, and trousers, Men's and boys'. J. Sullivan. 438,493, Apr. 20; Serial No. 515,639.
Slippers. Comfort Slipper Corporation. 438,459, Apr. 20; Serial No. 522,115, published Jan. 20, 1948.
Slips, Ladies'. Laros Textiles Company. 438,448, Apr. 20; Serial No. 519,400, published Jan. 20, 1948.
Sport jackets, slacks, skirts, etc. Cohn-Goldwater Manufacturing Company. 438,434, Apr. 20; Serial No. 515,158, published Jan. 20, 1948.
Stockings for men and women, Silk. Northmont Hosiery Corporation. 234,761, Nov. 1, 1927. Republished Apr. 20.
Suits. Rogers Peet Company. 232,503, Sept. 13, 1927. Republished Apr. 20.
Suits and overcoats, Men's and boys'. Stein-Bloch Co. 263,314, Nov. 5, 1929. Republished Apr. 20.
Suits and overcoats, Outer. Rogers Peet Company. 95,149, Feb. 3, 1914. Republished Apr. 20.
Suits and overcoats, Outer. Rogers Peet Company. 104,952, June 29, 1915. Republished Apr. 20.
Suits and pieces thereof, Men's and boys' dress, sporting, negligee and outing outer. Rogers Peet Company. 95,351, Feb. 10, 1914. Republished Apr. 20.
Suits, dresses, blouses, etc., Ladies'. Fabrics of United Kingdom, Limited. 438,400, Apr. 20; Serial No. 507,247, published Jan. 20, 1948.
Suits, Young men's and students'. J. J. Preis & Company. 235,178, renewed Nov. 15, 1947. O. G. Apr. 20.
Suspender garters, Maternity. Larry Polack, Inc. 438,474, Apr. 20; Serial No. 524,017, published Jan. 20, 1948.
Sweaters. Ancinie Sportwear, Inc. 438,435, Apr. 20; Serial No. 515,287, published Jan. 13, 1948.
Sweaters; hat, caps, etc. Fashion Park Associates, Inc. 285,901, Aug. 11, 1931. Republished Apr. 20.
Sweaters, jackets, and ski suits, etc. Myrtle Knitting Mills, Inc. 438,452, Apr. 20; Serial No. 521,202, published Jan. 20, 1948.
Trousers, breeches, slacks, etc. Marshall Clothing Manufacturing Company. 438,387, Apr. 20; Serial No. 495,316, published Jan. 13, 1948.
Undergarments, Infants'. William Carter Company. 500,112, Apr. 20; Serial No. 529,961, published Jan. 13, 1948.
Underwear, blouses, hosiery, etc., Ladies'. Ingrid of Hollywood. 438,440, Apr. 20; Serial No. 517,306, published Jan. 20, 1948.
Underwear, Knitted. Mandel & Cohen. 236,583, renewed Dec. 13, 1947. O. G. Apr. 20.
Underwear, Knitted. Mandel & Cohen. 236,898, renewed Dec. 27, 1947. O. G. Apr. 20.
Unit assemblies. C. R. Brooks. 438,413, Apr. 20; Serial No. 510,158, published Jan. 13, 1948.
Wearing apparel. Jack Winter, Inc. 438,441, Apr. 20; Serial No. 517,393, published Jan. 13, 1948.
Wearing apparel, Women's and misses'. Dumari Textile Co., Inc. 408,067, July 18, 1944. Republished Apr. 20.

CLASS 40

Combs, Tortoise-shell and horn. Aberdeen Combworks Company, Limited. 64,184, re-renewed July 30, 1947. O. G. Apr. 20.
Fasteners, Snap. Wilson Fastener Company. 351,916, Nov. 16, 1937. Republished Apr. 20.
Hairpins made of non-precious metal. Wilson Fastener Company. 236,582, Dec. 13, 1927. Republished Apr. 20.
Shoe laces, Elastic. Thomas Taylor & Sons, Inc. 386,255, Apr. 1, 1941. Republished Apr. 20.

CLASS 42

Cloth covers. N. Cohen. 316,289, Aug. 21, 1934. Republished Apr. 20.
Cotton, linen and rayon fabrics in the piece. Dumari Textile Co., Inc. 404,927, Dec. 28, 1943. Republished Apr. 20.
Doilies and scarfs, Textile. O. A. Turner. 233,366, renewed Sept. 27, 1947. O. G. Apr. 20.
Fabrics and piece goods of rayon, wool and cotton, etc. Brand & Oppenheimer, Inc. 408,814, Aug. 29, 1944. Republished Apr. 20.
Fabrics in the piece made of cotton, rayon, silk, etc. Dumari Textile Co., Inc. 306,401, Sept. 19, 1933. Republished Apr. 20.
Piece goods, Linen and cotton. Wm. A. Rothholz Co., Inc. 309,608, Jan. 25, 1934. Republished Apr. 20.
Piece goods of worsted, woolen, cotton and silk. Abbott Worsted Mills, Incorporated. 306,291, Sept. 12, 1933. Republished Apr. 20.
Piece goods, Woolen. Forstmann & Huffmann Company. 236,392–3, renewed Dec. 13, 1947. O. G. Apr. 20.
Rayon fabric in the piece. Dumari Textile Co., Inc. 395,830, June 16, 1942. Republished Apr. 20.
Woolens, worsted, and cotton fabrics in the piece. Woolen Corporation of America. 403,961, Oct. 26, 1943. Republished Apr. 20.

CLASS 43

Threads and yarns of artificial silk, cotton mercerized, etc. Naamlooze Vennootschap Nederlandsche Kunstzijdefabriek. 201,462, renewed July 28, 1945. O. G. Apr. 20.

CLASS 44

Hair driers, permanent hair waving machines and accessories, Electric. Eugene, Ltd. 416,416, Sept. 11, 1945. Republished Apr. 20.
Sanitary napkins. Owl Drug Co. 231,957, Aug. 30, 1927. Corrected. O. G. Apr. 20.
Therapeutic apparatus, Electric generating. R. J. Lindquist. 350,406, Sept. 28, 1937. Republished Apr. 20.

CLASS 45

Beverages, Maltless nonalcoholic. Tourlaine Food Products, Inc. 395,214, May 19, 1942. Republished Apr. 20.
Beverages, Non-alcoholic, maltless. R. Lamont. 438,398, Apr. 20; Serial No. 505,755, published Feb. 10, 1948.
Beverages, Nonalcoholic, noncereal, maltless. Blue Anchor Beverage Company. 382,879, Nov. 12, 1940. Republished Apr. 20.
Beverages, Non-alcoholic, non-cereal, maltless. Chicago Distilled Water & Beverage Co., Inc. 399,605, Jan. 19, 1943. Republished Apr. 20.
Beverages, Nonalcoholic, non-cereal, maltless. O'Keefe's Beverages, Limited. 232,098, renewed Aug. 30, 1947. O. G. Apr. 20.
Preparation from fresh citrus fruits. Pacific Citrus Products Co. 413,652, May 1, 1945. Canceled Mar. 26, 1948. O. G. Apr. 20.
Preparations for flavoring soft drinks. National Toilet Company. 421,137, May 21, 1946. Canceled Mar. 15, 1948. O. G. Apr. 20.
Root beer. Chicago Distilled Water & Beverage Company. 364,823, Feb. 14, 1939. Republished Apr. 20.
Syrups, extracts and concentrates. Chocolate Products Company. 396,991, Aug. 11, 1942. Republished Apr. 20.

CLASS 46

Butter. M. Augenblick & Bro. Inc. 237,491, renewed Jan. 10, 1948. O. G. Apr. 20.
Butter and eggs. Hickman & Coward. 228,320, renewed May 31, 1947. O. G. Apr. 20.
Butters, Fruit. Squire Dingee Company. 289,843, Dec. 8, 1931. Amended. O. G. Apr. 20.
Cake and sweet rolls. P. F. Petersen Baking Company. 267,677, Feb. 25, 1930. Republished Apr. 20.
Candy. Golden Nugget Sweets Ltd. 413,099, Apr. 10, 1945. Republished Apr. 20.
Candy. Jacobs Candy Company, Ltd. 127,623, Nov. 18, 1919. Republished Apr. 20.
Candy. Jacobs Candy Company, Ltd. 127,751, Dec. 2, 1919. Republished Apr. 20.
Candy. Jacobs Candy Company, Ltd. 139,556, Feb. 8, 1921. Republished Apr. 20.
Canned complete vegetable chow mein dinner. Bean Sprout Growers Association, Inc. 438,431, Apr. 20; Serial No. 513,872, published Sept. 30, 1947.
Canned fish. Strohmeyer & Arpe Company. 95,236, Feb. 3, 1914. Republished Apr. 20.
Canned fish. Strohmeyer & Arpe Company. 198,666, May 26, 1925. Republished Apr. 20.
Canned fruit. D. & D. Foods Company. 438,436, Apr. 20; Serial No. 515,610, published Jan. 20, 1948.
Canned fruits. Armsby Preserving Co. 68,630, re-renewed Apr. 21, 1948. O. G. Apr. 20.
Canned fruits. Armsby Preserving Co. 68,632, re-renewed Apr. 21, 1948. O. G. Apr. 20.
Canned fruits and canned vegetables, and apricot butter. Pratt-Low Preserving Company. 249,359, Nov. 13, 1928. Republished Apr. 20.
Canned fruits and vegetables, etc. Ranney-Davis Mercantile Company. 146,597, Sept. 13, 1921. Republished Apr. 20.
Canned vegetables, canned fruits and canned fish. Strohmeyer & Arpe Company. 94,956, Jan. 13, 1914. Republished Apr. 20.
Canned vegetables, dried vegetables, pickled vegetables, etc. United Pure Food Co. 392,181, Dec. 16, 1941. Republished Apr. 20.
Chewing-gum. Wm. Wrigley Jr. Company. 102,001, Jan. 19, 1915. Republished Apr. 20.
Chewing gum. Wm. Wrigley Jr. Company. 105,032, June 29, 1915. Republished Apr. 20.
Chewing gum. Wm. Wrigley Jr. Company. 117,966, Aug. 7, 1917. Republished Apr. 20.
Chewing gum. Wm. Wrigley Jr. Company. 371,120, Sept. 19, 1939. Republished Apr. 20.
Coffee. Maury-Cole Company. 237,981, renewed Jan. 24, 1948. O. G. Apr. 20.
Coffee, Imitation. C. E. La Pointe. 217,875, Sept. 14, 1926. Canceled Mar. 26, 1948. O. G. Apr. 20.
Corn meal. Charleston Milling Company. 366,519, Apr. 18, 1939. Republished Apr. 20.
Dried fruits. J. K. Armsby Company. 68,229, re-renewed Mar. 17, 1948. O. G. Apr. 20.
Dried fruits. J. K. Armsby Company. 68,243, re-renewed Mar. 17, 1948. O. G. Apr. 20.
Dried fruits. J. K. Armsby Company. 68,408, re-renewed Apr. 7, 1948. O. G. Apr. 20.
Eggs. Northern Cold Storage & Warehouse Co. 401,127–8, Apr. 27, 1943. Republished Apr. 20.
Fatty oleaginous or unctuous food substances, Prepared. Southern Cotton Oil Company. 145,013, renewed Jan. 5, 1948. O. G. Apr. 20.
Feed, Dairy. Charleston Milling Company. 361,585, Oct. 25, 1938. Republished Apr. 20.
Fish and table syrups, Flaked. Fred Fear & Co. 280,860, Mar. 3, 1931. Republished Apr. 20.
Fish, canned fish, canned fruit, etc. Preserved. Strohmeyer & Arpe Company. 96,207, Apr. 7, 1914. Republished Apr. 20.
Flavoring extracts. Baker Extract Company. 66,403, re-renewed Nov. 26, 1947. O. G. Apr. 20.
Flavoring for foods. David Michael & Co. 429,171, Apr. 22, 1947. Republished Apr. 20.
Flour, phosphated flour, and self-rising flour, Wheat. Mayflower Mills. 292,708, Mar. 22, 1932. Republished Apr. 20.
Flour, self-rising flour, and phosphated flour, Wheat. Mayflower Mills. 295,766, July 12, 1932. Republished Apr. 20.
Flour, Wheat. Charleston Milling Company. 384,562, Jan. 21, 1941. Republished Apr. 20.
Flour, Wheat. Charleston Milling Company. 389,268, July 29, 1941. Republished Apr. 20.
Flour, Wheat. Charleston Milling Company. 390,623, Sept. 30, 1941. Republished Apr. 20.
Flour, Wheat. Standard Milling Company. 391,047, Oct. 21, 1941. Republished Apr. 20.
Flour, Wheat. Standard Milling Company. 425,786, Dec. 3, 1946. Republished Apr. 20.
Food, Stock. Corn Products Manufacturing Company. 67,612–13, re-renewed Feb. 11, 1948. O. G. Apr. 20.
Foods, Cereal breakfast. Kellogg Company. 207,268, renewed Jan. 5, 1948. O. G. Apr. 20.
Fruit, Fresh frozen. Zeropack Company. 320,772, Jan. 8, 1935. Republished Apr. 20.
Fruits, Fresh citrous. Canoga Citrus Association. 242,536, renewed May 29, 1948. O. G. Apr. 20.
Fruits, Fresh citrus. C. T. Paine. 242,319, renewed Mar. 22, 1948. O. G. Apr. 20.
Fruits, Fresh deciduous. Mt. Konocti Fruit Exchange. 235,004, renewed Nov. 8, 1947. O. G. Apr. 20.
Macaroni, spaghetti, vermicelli, etc. Strohmeyer & Arpe Company. 73,225, Mar. 30, 1909. Republished Apr. 20.
Macaroni, spaghetti, vermicelli, etc. Strohmeyer & Arpe Company. 73,285, Apr. 6, 1909. Republished Apr. 20.
Milk and condensed milk, Evaporated. Carnation Milk Products Company. 239,791, renewed Mar. 13, 1948. O. G. Apr. 20.
Milk, Coffee malted. Continental Coffee Company. 417,437, Oct. 30, 1945. Republished Apr. 20.
Milk, Fluid. Dorothy A. Long. 416,903, Oct. 2, 1945. Republished Apr. 20.
Milk, Malted. Horlick's Malted Milk Corporation. 390,867, Oct. 7, 1941. Republished Apr. 20.
Milk, Vitamin fortified. Chocolates Products Company. 396,528, July 21, 1942. Republished Apr. 20.
Oils, Edible. Strohmeyer & Arpe Company. 196,893, Mar. 31, 1925. Republished Apr. 20.
Olive oil, cotton seed oil, etc. Strohmeyer & Arpe Company. 73,385, Apr. 13, 1909. Republished Apr. 20.
Pastry. Mother's Grandma Cookie Company. 276,541, Oct. 21, 1930. Republished Apr. 20.
Pretzels. H. Krasner. 428,423, Mar. 25, 1947. Canceled Mar. 26, 1948. O. G. Apr. 20.
Sardines, macaroni, etc., Spanish salted. Strohmeyer & Arpe Company. 73,116, Mar. 16, 1909. Republished Apr. 20.
Sardines, sprats, anchovies, etc. Strohmeyer & Arpe Company. 68,658, Apr. 21, 1908. Republished Apr. 20.
Teas. Great Atlantic and Pacific Tea Company. 69,037, re-renewed May 19, 1948. O. G. Apr. 20.

Tomatoes, Fresh. M. L. Greene. 438,381, Apr. 20; Serial No. 488,586, published Jan. 13, 1948.
Vanilla, artificial vanilla, and compounds, Natural. Felton Chemical Company, Inc. 239,928, renewed Mar. 13, 1948. O. G. Apr. 20.
Vegetables, Fresh. J. L. Budreau. 240,150, renewed Mar. 20, 1948. O. G. Apr. 20.
Wheat-flour. Freeburg Milling Co. 64,781, re-renewed Aug. 20, 1947. O. G. Apr. 20.

CLASS 47

Wines. Barton & Guestier. 31,498, re-renewed May 3, 1948. O. G. Apr. 20.
Wines. Urbana Wine Company. 427,562, Feb. 11, 1947. Republished Apr. 20.

CLASS 48

Beer. La Crosse Breweries, Inc. 389,557, Aug. 12, 1941. Republished Apr. 20.
Beer. Minneapolis Brewing Company. 381,507, Sept. 24, 1940. Republished Apr. 20.
Beer. Minneapolis Brewing Company. 389,979, Sept. 2, 1941. Republished Apr. 20.
Beer. Pilsen Brewing Company. 396,860, Aug. 4, 1942. Republished Apr. 20.
Malt preparation for making a beverage. Strohmeyer & Arpe Company. 68,447, Apr. 7, 1908. Republished Apr. 20.

CLASS 49

Whiskey. Bernheim Distilling Company. 406,220, Mar. 14, 1944. Corrected. O. G. Apr. 20.
Whiskey, brandy, gin, etc. Lord Fairfax Corporation of Maryland. 317,188, Sept. 18, 1934. Canceled Mar. 26, 1948. O. G. Apr. 20.

CLASS 50

Awnings, tents, and tarpaulins. S. A. Schmitt. 236,736, renewed Dec. 20, 1947. O. G. Apr. 20.
Ladders and scaffold equipment. Uecker Equipment Company. 346,868, June 8, 1937. Republished Apr. 20.
Mountings for mineral, biological, and pathological subjects, Transparent. W. A. Sampsel. 429,149, Apr. 22, 1947. Republished Apr. 20.
Screen material, Transparent. Arvey Corporation. 381,402, Sept. 24, 1940. Republished Apr. 20.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 20TH DAY OF APRIL, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Alford, Andrew, Cambridge, Mass., assignor to Mackay Radio and Telegraph Company, New York, N. Y. Matching network. 22,993, Apr. 20.
Bicknell, George M., assignor to Carter Carburetor Corporation, St. Louis, Mo. Antidetonating device. 22,994, Apr. 20.
Carter Carburetor Corporation, assignee: *See*— Bicknell, George M.
Mackay Radio and Telegraph Company, assignee: *See*— Alford, Andrew.

LIST OF PLANT PATENTEES

Bantel, Gustav E., assignor to Frank L. Sieloff, St. Louis, Mo. Sansevieria plant. 796, Apr. 20.
Sieloff, Frank L., assignee: *See*— Bantel, Gustav E.

LIST OF DESIGN PATENTEES

Abrams, William, Chicago, Ill. Cigarette dispenser. 149,328, Apr. 20.
Alexander, Carlyle N., New Rochelle, N. Y. Chair. 149,329, Apr. 20.
Alexander, Carlyle N., New Rochelle, N. Y. Chair. 149,330, Apr. 20.
Alexander, Carlyle N., New Rochelle, N. Y. Chair. 149,331, Apr. 20.
Allen, Grosvenor N., and W. Gerth, assignors to Oneida Ltd., Oneida, N. Y. Knife. 149,332, Apr. 20.
Anderson, Robert I., Grand Haven, and B. Hoeker, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Settee. 149,333, Apr. 20.
Atomiko, Inc., assignee: *See*— Kern, John A.
Bali Washing Machine Corp., assignee: *See*— Stratmore, Irwin W.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 149,334, Apr. 20.
Beatty, Charles H., Philadelphia, Pa. Combination desk unit. 149,335, Apr. 20.
Binder, Sam, Los Angeles, assignor to World Games, Inc., Los Angeles County, Calif. Game board. 149,336, Apr. 20.
Brunswick-Balke-Collender Company, The, assignee: *See*— Anderson, Robert I., and Hoeker.
Caputo, Nicholas F., Kearny, N. J. Ash tray. 149,337, Apr. 20.
Carlson, Gustave W., Superior, Wis. Candy sucker. 149,338, Apr. 20.
Chirite, John D., Detroit, Mich. Combined telephone support, ash tray, and amplifying loud speaker. 149,339, Apr. 20.
Clemetsen, Erling A., Long Grove, Ill. Swimming pool. 149,340, Apr. 20.
Clemetsen, Erling A., Long Grove, Ill. Swimming pool. 149,341, Apr. 20.
Coro, Inc., assignee: *See*— Katz, Adolph.
Cozad, Robert F.: *See*— Wheeler, Richard, and Cozad.
Davis, John E., Sherman Oaks, assignor to Na Mac Products Corp., Los Angeles, Calif. Knife sharpener. 149,342, Apr. 20.
De Weese, Mary A., Glendale, Calif. Bathing suit. 149,343, Apr. 20.
Eugene Manufacturing Corp., assignee: *See*— Gilbert, Felix.
Fitter, Emil H., Woodside, assignor to Fitter Valve Division of the Tumpane Company, Long Island City, N. Y. Water faucet. 149,344, Apr. 20.
Fitter Valve Division of the Tumpane Company, assignee: *See*— Fitter, Emil H.
Fournier, George E., Pawtucket, R. I. Bracelet or similar article. 149,345, Apr. 20.
Geib, Charles A., Chicago, Ill. Toy construction piece. 149,346, Apr. 20.
Geib, Charles A., Chicago, Ill. Toy construction piece. 149,347, Apr. 20.
Gerth, William: *See*— Allen, Grosvenor N., and Gerth.
Gilbert, Felix, assignor to Eugene Manufacturing Corp., New York, N. Y. Film viewer. 149,348, Apr. 20.
Greyson, William L., Flushing, N. Y. Stool. 149,349, Apr. 20.
Guild, Lurelle, Noroton, Conn., assignor to Westinghouse Electric Corporation. Toaster. 149,350, Apr. 20.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat or similar article. 149,351, Apr. 20.
Hammer, John J., Detroit, Mich. Traffic signal. 149,352, Apr. 20.
Herbst, John, New York, N. Y. Perfume bottle stopper or similar article. 149,353, Apr. 20.
Hoeker, Bert: *See*— Anderson, Robert I., and Hoeker.
Hollstein, Fritz, West New York, N. J. Plastic fabric. 149,354, Apr. 20.
Hollstein, Fritz, West New York, N. J. Plastic fabric. 149,355, Apr. 20.
Jalof, William R., Los Angeles, Calif. Combined pencil sharpener and eraser. 149,356, Apr. 20.
Johnson & Johnson, assignee: *See*— Rosengren, Herbert.
Jones, W. Henderson, assignee: *See*— Schaefer, Herman W.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 149,357, Apr. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 149,358, Apr. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 149,359, Apr. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 149,360, Apr. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 149,361, Apr. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Necklace or similar article. 149,362, Apr. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 149,363, Apr. 20.
Kern, John A., assignor to Atomiko, Inc., Chicago, Ill. Welding transformer. 149,364, Apr. 20.
Larsen, Olai F., Jr., Demarest, N. J., assignor to Noma Electric Corporation, New York, N. Y. Toy automobile sedan. 149,365, Apr. 20.
Larsen, Olai F., Jr., Demarest, N. J., assignor to Noma Electric Corporation, New York, N. Y. Toy roadster. 149,366, Apr. 20.

Leary, Gordon, Trenton, N. J. Earring. 149,367, Apr. 20.
Lewyt Corporation, assignee: *See*—
Lippincott, Joshua G.
Lippincott, Joshua G., Scarsdale, assignor to Lewyt Corporation, Brooklyn, N. Y. Vacuum cleaner attachment. 149,368, Apr. 20.
Martin, Glenn L., Company, The, assignee: *See*—
Varrieur, Albert L.
Mayehoff Company, The, assignee: *See*—
McKelvey, Vanny.
McKelvey, Vanny, Greenwich, assignor to The Mayehoff Company, South Norwalk, Conn. Blouse. 149,369, Apr. 20.
Mickus, Joseph P., Newark, N. J. Toy bank or similar article. 149,370, Apr. 20.
Milwaukee Lace Paper Company, assignee: *See*—
Hamilton, Kenneth C.
Na Mac Products Corp., assignee: *See*—
Davis, John E.
Noma Electric Corporation, assignee: *See*—
Larsen, Olai F., Jr.
Nusbaum, David, Newark, N. J. Cigarette dispenser. 149,371, Apr. 20.
Odin Corporation, assignee: *See*—
Svenson, Ernest J.
O'Keefe, Daniel P., Los Angeles, Calif. Cooking stove. 149,372, Apr. 20.
Oneida Ltd., assignee: *See*—
Allen, Grosvenor N., and Gerth.
Paessler, Reinhard A., West New York, N. J. Lace medallion. 149,373, Apr. 20.
Palmer, Alvin M., Los Angeles, and F. W. Rodgers, Pacoima, Calif. Bag-grasping device. 149,375, Apr. 20.
Perlman, David, Detroit, Mich. Game board. 149,374, Apr. 20.
Plocky, Gustave F.: *See*—
Sherry, Victor, and H. A. and G. F. Plocky.
Plocky, Harry A.: *See*—
Sherry, Victor, and H. A. and G. F. Plocky.
Price, Edwin P., Jr., Wilmette, Ill. Merchandise display device or similar article. 149,376, Apr. 20.
Radio Corporation of America, assignee: *See*—
Stensgaard, William L.
Rodgers, Frederick W.: *See*—
Palmer, Alvin M., and Rodgers.
Rosengren, Herbert, Woodcliffe Lake, N. J., assignor to Johnson & Johnson. Table. 149,377, Apr. 20.
Rummelsburg, Alvin S., East Rockaway, N. Y. Drawer handle. 149,378, Apr. 20.
Sayre, Louis S., Los Angeles, Calif. Faucet. 149,379, Apr. 20.
Schaefer, Herman W., assignor to W. Henderson Jones, Culver City, Calif. Combination oil filter and cooler. 149,380, Apr. 20.
Schick, Howard M., Lee's Summit, Mo. Display fixture. 149,381, Apr. 20.
Schiess, Maurice J., New York, N. Y. Display frame and stand or similar article. 149,382, Apr. 20.
Sebel, Harry, London, England. Wheeled toy tortoise. 149,383, Apr. 20.
Sherry, Victor, and H. A. Plocky, Los Angeles, and G. F. Plocky, South Pasadena, Calif. Luminous plant container or the like. 149,384, Apr. 20.
Sherry, Victor, and H. A. Plocky, Los Angeles, and G. F. Plocky, South Pasadena, Calif. Plant container or the like. 149,385, Apr. 20.
Smolensky, Albert G., Cleveland, Ohio. Arch-stream offset combination faucet structure. 149,386, Apr. 20.
Stensgaard, William L., Park Ridge, Ill., assignor to Radio Corporation of America. Advertising device. 149,387, Apr. 20.
Stratmore, Irwin W., assignor to Ball Washing Machine Corp., Passaic, N. J. Faucet or similar article. 149,388, Apr. 20.
Svenson, Ernest J., Rockford, assignor to Odin Corporation, Chicago, Ill. Pump. 149,389, Apr. 20.
Swedlin, Jacob, New York, N. Y. Stuffed toy animal or similar article. 149,390, Apr. 20.
Uncas Manufacturing Company, assignee: *See*—
Barbieri, Nicholas.
Van Brunt, Geneva U., North Wilbraham, Mass. Lamp shade. 149,391, Apr. 20.
Varrieur, Albert L., assignor to The Glenn L. Martin Company, Baltimore, Md. Adjustable passenger loading ramp. 149,392, Apr. 20.
Westinghouse Electric Corporation, assignee: *See*—
Guild, Lurelle.
Wheeler, Richard, and R. F. Gozad, Des Moines, Iowa. Measuring comb. 149,393, Apr. 20.
World Games, Inc., assignee: *See*—
Binder, Sam.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 20TH DAY OF APRIL, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abbott Laboratories, assignee: *See*—
Knauf, Albert E., and Kirchmeyer.
Adams, Frederick W., New York, N. Y., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Forming films upon the surfaces of glass plates. 2,439,999, Apr. 20.
Agriculture, United States of America as represented by the Secretary of, assignee: *See*—
O'Connell, Richard A., Jr.
Air Products Incorporated, assignee: *See*—
Anderson, Carl R.
Alexander, Paul, Berkhamsted, England. Method of and apparatus for depositing substances by thermal evaporation in vacuum chambers. 2,440,135, Apr. 20.
Alfthan, Johannes, New York, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of nonporous polytetrafluoroethylene articles. 2,440,190, Apr. 20.
Allen, Ivis J., Ypsilanti, Mich. Multicylinder fuel injection pump. 2,439,879, Apr. 20.
Allen, Lini, Berkeley, Calif. Pictorial display device. 2,440,062, Apr. 20.
Allen, Louis N., Jr., Short Hills, N. J., and W. K. Zahray, Bronx, assignors to Chemical Construction Corporation, New York, N. Y. Treatment of iron sulfate liquors. 2,440,215, Apr. 20.
American Box Board Company, assignee: *See*—
Anderson, Wilbur G., Jr.
American Loose Leaf Corporation, assignee: *See*—
Baker, Samuel S., and Batchelar.
American Metal Company, Limited, The, assignee: *See*—
Jones, Thomas R., and Bierly.
American Optical Company, assignee: *See*—
Silverberg, Carl G.
American Pattern and Manufacturing Co., assignee: *See*—
Miller, Raymond J.
American Viscose Corporation, assignee: *See*—
Kulp, Maurice P., and Sisson.
Nelson, Seddon C.
Sisson, Wayne A.
Stanley, Richard W.
Anderson, Carl R., assignor to Air Products Incorporated, Detroit, Mich. Pump for liquefied gases. 2,439,957, Apr. 20.
Anderson, Carl R., Chattanooga, Tenn., assignor to Air Products Incorporated, Detroit, Mich. Pump for liquefied gases. 2,439,958, Apr. 20.
Anderson, Carl R., assignor to Air Products, Incorporated, Chattanooga, Tenn. Reciprocating pump for liquefied gases. 2,440,216, Apr. 20.
Anderson, Ephraim H., Homewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Water seal for shaft-bearings. 2,439,917, Apr. 20.
Anderson, Fayette C., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Battery charging apparatus and method. 2,440,163, Apr. 20.
Anderson, Homer G., Waban, assignor to Raytheon Manufacturing Company, Newton, Mass. Electron discharge device. 2,439,786, Apr. 20.
Anderson, Lloyd L., Grand Rapids, assignor to Winters & Crampton Corporation, Grandville, Mich. Refrigeration latch mechanism. 2,440,162, Apr. 20.
Anderson, Wilbur G., Jr., assignor to American Box Board Company, Grand Rapids, Mich. Paper board chest. 2,439,959, Apr. 20.
Andrews, John L., Fairfield, Ill., assignor to Hotpoint Inc. Push-button switch. 2,440,063, Apr. 20.
Arnold, David C., O. T. Strand, Jr., and R. V. Lewis, Schenectady, N. Y., assignors to General Electric Company. Piezoelectric crystal apparatus. 2,440,064, Apr. 20.
Arnold, Herrick R., New Castle County, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tungsten-molybdenum trioxide catalyst. 2,439,880, Apr. 20.
Aro Equipment Corporation, The, assignee: *See*—
Ginter, Charles W.
Snyder, Russell D.
Ash, Charles S., Milford, Mich. Wheel. 2,439,681, Apr. 20.
Ashton, Benjamin N., assignor to Electrol Incorporated, Kingston, N. Y. Piston type accumulator. 2,440,065, Apr. 20.
Atkins, Carl E., Elgin, assignor to Sun-Kraft, Inc., Chicago, Ill. Ultraviolet ray generator. 2,439,787, Apr. 20.
Atkinson, Allen S., Haddonfield, N. J. Method and apparatus for optimum economy operation of internal-combustion engines. 2,439,788, Apr. 20.
Attorney General of the United States: *See*—
Voit, Willy.
Auten, Claude I., assignor to Tennessee Coal, Iron and Railroad Company, Birmingham, Ala. Prefabricated metal house construction. 2,439,960, Apr. 20.
Auten, Jay C., Royal Oak, assignor to Chrysler Corporation, Highland Park, Mich. Transmission control mechanism. 2,440,217, Apr. 20.
Auxier, Robert W.: *See*—
Hill, Charles F., and Auxier.
Auxier, Robert W., Forest Hills, and P. Norelli, McKeesport, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Laminating. 2,439,918, Apr. 20.
Avco Manufacturing Corporation, assignee: *See*—
Davidson, Lloyd H.
Bailey Meter Company, assignee: *See*—
Hornfeck, Anthony J.
Baker, Samuel S., Eatontown, and R. F. Batchelar, Hillsdale, N. J., assignors to American Loose Leaf Corporation. Unidirectional locking apparatus. 2,440,038, Apr. 20.
Ballard, Seaver A.: *See*—
Winkler, De Loss E., and Ballard.
Bank, Albert M., Jersey City, N. J. Upholstery spring edge construction. 2,439,789, Apr. 20.
Barnes, Sydney H., Sydney, New South Wales, Australia. Table cutlery handle. 2,440,136, Apr. 20.
Bastian Blessing Co., The, assignee: *See*—
Buttner, William C.
Batchelar, Raymond F.: *See*—
Baker, Samuel S., and Batchelar.
Bauders, Ray, Kewanee, Ill. Wagon chute. 2,439,961, Apr. 20.
Beattie, James S., Los Angeles, Calif. Camera-pod. 2,440,137, Apr. 20.
Becker, Isidore, Bronx, N. Y. Mail sorting machine. 2,439,790, Apr. 20.
Beckwith, Edwin L., Brookline, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Cigarette package holder. 2,440,164, Apr. 20.
Beckwith Manufacturing Company, assignee: *See*—
Beckwith, Edwin L.
Beddow, Raymond R., Toledo, Ohio. Knife, fork, and spoon set. 2,439,882, Apr. 20.
Beesch, Samuel C., assignor to Publicker Industries Inc., Philadelphia, Pa. Process for fermenting carbohydrates to butanol and acetone. 2,439,791, Apr. 20.
Behrend, William, Milwaukee, Wis. Debris collector for drains. 2,440,165, Apr. 20.
Bell Telephone Laboratories, Incorporated, assignee: *See*—
Willard, Gerald W.
Bell, Thomas A., Ridgefield Park, N. J. Trouser hanger. 2,440,066, Apr. 20.
Bendix Aviation Corporation, assignee: *See*—
Beringer, George E.
Boshka, Joseph M., Goepfrich, and Kuzmitz.
Davis, Robert J.
Frank, Frederick C.
Kasten, Walter.
Stuart, Alfred A., Jr.
Waterman, Herbert C.
Wisman, Franklin O.
Benenfeld, Peter, New York, N. Y. Reinforced corner seam for utility bags. 2,440,138, Apr. 20.
Bennett, Nicholas: *See*—
Hawkins, Peter A., and Bennett.
Bensen, Igor B., Schenectady, N. Y., assignor to General Electric Company. Manipulator. 2,440,067, Apr. 20.
Bergel, Franz, and A. Cohen, Welwyn Garden City, England, assignors, by mesne assignments, to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of ketotetrahydropyridine derivatives and hydroxypyridine derivatives. 2,440,218, Apr. 20.
Bergel, Franz, and A. Cohen, Welwyn Garden City, England, assignors, by mesne assignments, to Hoffmann-La Roche Inc., Roche Park, Nutley, N. J. Manufacture of ketotetrahydropyridine derivatives and hydroxypyridine derivatives. 2,440,219, Apr. 20.

Berger, Henry G., Glen Rock, G. S. Crandall and J. F. Socolofsky, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Treatment of drying oils. 2,440,000, Apr. 20.

Beringer, George E., assignor to Bendix Aviation Corporation, South Bend, Ind. Supporting beam for aircraft landing gears. 2,440,068, Apr. 20.

Bierly, Nevin R.: *See*—
Jones, Thomas R., and Bierly.

Birtman Electric Company, assignee: *See*—
Sparklin, Charles H.

Bjorksten, Johan: *See*—
Klaber, Joseph H., and Bjorksten.

Bliss, Harvey N., Windsor, assignor to Veeder-Root Incorporated, Hartford, Conn. Counter means for coin chutes. 2,440,191, Apr. 20.

Bloomberg, David J., Newton, Mass., assignor to General Electric Company. High-temperature elastic fluid turbine. 2,440,069, Apr. 20.

Blout, Elkan R., Cambridge, and R. M. Gofstein, Haverhill, assignors to Polaroid Corporation, Cambridge, Mass. Optical filter and manufacture. 2,440,070, Apr. 20.

Blumensaadt, Svend G., Beachwood Village, assignor to The Universal Wire Spring Company, Cleveland, Ohio. Attachment for wire elements to frame structures. 2,440,001, Apr. 20.

Boardman, Harry C., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Floating roof storage tank. 2,439,792, Apr. 20.

Bonkowski, Teofil L., assignor to Merit Products, Inc., Los Angeles, Calif. Sanding drum. 2,439,962, Apr. 20.

Booth, Douglas G., assignor to The Plessey Company Limited, Ilford, England. Hydraulic pump. 2,440,072, Apr. 20.

Bornstein, Leopold: *See*—
Rostler, Fritz, and Bornstein.

Boshka, Joseph M., G. A. Goepfrich, and F. V. Kuzmitz, assignors to Bendix Aviation Corporation, South Bend, Ind. Semiautomatic hydraulic-electric gun charger. 2,440,071, Apr. 20.

Boucher, Charles P.: *See*—
Keiser, Russell W., and Boucher.

Boucher, Charles P., and R. W. Keiser, assignors to Boucher and Keiser Company, Atlanta, Ga. Fluorescent lighting system. 2,439,963, Apr. 20.

Boucher and Keiser Company, assignee: *See*—
Boucher, Charles P., and Keiser.
Keiser, Russell W., and Boucher.

Bourne, Roland B., West Hartford, and J. P. Tyskewicz, assignors to The Maxim Silencer Company, Hartford, Conn. Elevating mechanism for snowplows. 2,440,166, Apr. 20.

Bower, John L., New Haven, Conn., assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Selective metering system with supervised control device. 2,440,002, Apr. 20.

Bower Roller Bearing Company, assignee: *See*—
Madison, Arthur F.

Bowlus, Glenn H., San Marino, Calif. Helicopter and airplane sustained aircraft. 2,440,003, Apr. 20.

Boyle-Midway Inc., assignee: *See*—
Thomas, Douglas W.

Braddon, Frederick D., Babylon, N. Y., assignor to The Sperry Corporation. Pressure regulator for instrument housings. 2,439,793, Apr. 20.

Bradley, William E., Swarthmore, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Synchronized oscillator circuit. 2,440,073, Apr. 20.

Brake Equipment & Supply Company, assignee: *See*—
Pratt, Best.

Brecht, Winston A., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Flexible drive. 2,439,919, Apr. 20.

Brinen, Howard F.: *See*—
Skelly, Lawrence E., and Brinen.

Briskie, Jerry: *See*—
Nass, Lawrence.

British Insulated Callender's Cables Limited, assignee: *See*—
Carsten, Hans R. F., and Thorpe.

Brooks, Eugene H., Dallas, Tex., assignor to Continental Gin Company. Cotton cleaning apparatus. 2,440,139. Apr. 20.

Brown, Carl A., Chardon, and F. B. Van Sickle, deceased, by D. M. Van Sickle, administratrix, Cleveland Heights, Ohio, assignors to General Electric Company. Article traying machine. 2,439,883, Apr. 20.

Brown, George H., and W. C. Morrison, Princeton, N. J., assignors to Radio Corporation of America. Root mean square voltage measuring circuit. 2,440,004, Apr. 20.

Brown, Myron J., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Automatic and manual control system for circuit breakers. 2,439,920, Apr. 20.

Brown, Nathan J., Barrington, Ill. Reticulately puckered laminated plastic sheet. 2,440,039, Apr. 20.

Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Resiliently mounted cultivator tool. 2,439,921, Apr. 20.

Broxon, James W., and W. P. Jesse, Chicago, Ill., assignors, to the United States of America, as represented by the United States Atomic Energy Commission. Differential ion chamber. 2,440,167, Apr. 20.

Bruiport, George E., Rossmoyne, Ohio. Screw driver conditioner. 2,439,839, Apr. 20.

Brumby, Arnoldus S.: *See*—
Norman, Noah M., and Brumby.

Bruson, Herman A., Rydal, and W. D. Niederhauser, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Addition products of acrylonitrile and drying oil acids and esters. 2,440,140, Apr. 20.

Bruson, Herman A., Rydal, and T. W. Riener, Philadelphia, Pa., assignors to The Resinous Products & Chemical Company. Cyclic ether. 2,440,220, Apr. 20.

Brusset, Jean A., Blairmore, Alberta, Canada, assignor to McNally Pittsburg Manufacturing Corporation, Pittsburg, Kans. Finely divided crystalline limestone in heavy fluid for float-and-sink concentration. 2,440,005, Apr. 20.

Budd Company, The, assignee: *See*—
Eksergian, Carolus L.
Weightman, William A.

Bugatti, Ettore, Paris, France. Machine for cutting and chamfering metal sheets. 2,439,794, Apr. 20.

Bugg, Kenly C., Fort Wayne, Ind. Fastener. 2,440,074. Apr. 20.

Buroff, Alvin F., Columbus, Wis. Machine for slicing cheese, or the like, in various shapes and sizes. 2,439,840, Apr. 20.

Burroughs Wellcome & Co. (U. S. A.) Inc., assignee: *See*—
Hitchings, George H.

Burton, Perry H., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for applying tags to articles. 2,440,040, Apr. 20.

Buttner, William C., Winnetka, assignor to The Bastian Blessing Co., Chicago, Ill. Fill indicator. 2,440,230. Apr. 20.

Byers, John R., Jr.: *See*—
Dickey, Joseph B., Byers, and McNally.

Byrne, Joseph F., Hove, and P. S. Powling, London, England. Extraction and preparation of agar. 2,439,964, Apr. 20.

Campbell-Edwards Pneumatic Artificial Foot Company, The, assignee: *See*—
Campbell, Harry C.

Campbell, Harry C., assignor to The Campbell-Edwards Pneumatic Artificial Foot Company, Youngstown, Ohio. Ankle joint and reinforcing member for pneumatic feet. 2,440,075, Apr. 20.

Campbell, John M., Fairmont, W. Va., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Method and machine for basing and seasoning fluorescent lamps. 2,439,884, Apr. 20.

Carbide and Carbon Chemicals Corporation, assignee: *See*—
Jackson, Donald R.

Carnegie-Illinois Steel Corporation, assignee: *See*—
Muddiman, Earll R. and Winterhalter.
Steudel, George E.

Carney, Thomas P.: *See*—
McElvain, Samuel M. and Carney.

Carsten, Hans R. F., Liverpool, and C. H. M. Thorpe, Huyton, assignors, by mesne assignments, to British Insulated Callender's Cables Limited, London, England. Coupling for coaxial cables. 2,439,841, Apr. 20.

Cassidy, George E., Aiplaus, N. Y., assignor to General Electric Company. Engine test system. 2,440,076, Apr. 20.

Celanese Corporation of America, assignee: *See*—
Roberts, Robert P.

Chain Belt Company, assignee: *See*—
Lind, Arthur C. and Klein.
Schmidt, Oliver G.

Chappell, Joseph J., Lockland, and M. R. Osborne, Cincinnati, Ohio. Nail brush. 2,439,922, Apr. 20.

Chemical Construction Corporation, assignee: *See*—
Allen, Louis N., Jr. and Zahray.

Chemical Foundation, Incorporated, The, assignee, trustee: *See*—
Hixson, Arthur W. and Miller.

Chicago Bridge & Iron Company, assignee: *See*—
Boardman, Harry C.

Chicago Electric Manufacturing Company, assignee: *See*—
Oetjen, Howard H.

Chrysler Corporation, assignee: *See*—
Auten, Jay C.
Matulaitis, Victor E.

Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric Corporation. Thermostat. 2,439,795, Apr. 20.

Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, Pittsburgh, Pa. Control mechanism. 2,439,842, Apr. 20.

Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gasket. 2,439,923, Apr. 20.

Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric flatiron. 2,440,041, Apr. 20.

Clark, Louis H., New York, N. Y. Covering member for articles of luggage. 2,440,077, Apr. 20.

Clarke, William W.: *See*—
Zademach, Erich R. and Clarke.

Cleveland Welding Company, assignee: *See*—
Hoyt, Harold M.

Cobb, Albion B., assignee, et al.: *See*—
Sharp, Ralph P., Sr.

Cohen, Aaron: *See*—
Bergel, Franz and Cohen.

Colalaco, August P., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Sealed ignitron. 2,439,924, Apr. 20.

Collins Radio Company, assignee: *See*—
Hunter, Theodore A.

Columbian Carbon Company, assignee: *See*—
Heller, George L.

Composite Rubber Products Corporation, assignee: *See*—
Hosking, Oakley.

Continental Gin Company, assignee: *See*—
Brooks, Eugene H.

Control Instrument Company, Inc., assignee: *See*—
Bower, John L.

Corning Glass Works, assignee: *See*—
Hood, Harrison P.
McGregor, Rob R. and Warrick.

Cossor, A. C., Limited, assignee: *See*—
Jofeh, Lionel.

Cowan, Irma M., Chicago, Ill. Collapsible hanging garment container. 2,440,192, Apr. 20.

Crandall, George S.: *See*—
Berger, Henry G., Crandall and Socolofsky.

Crane, Co., assignee: *See*—
Stoyke, Ludwig T.

Cross, George L., Loudonville, assignor to Tobin Packing Co., Inc., Albany, N. Y. Meat product and making the same. 2,440,168, Apr. 20.

Cross, Lloyd E.: *See*—
Lingen, Ralph A. and Cross.

Cross, Marie E., assignee, et al.: *See*—
Lingen, Ralph A. and Cross.

Cullinan, James T., administrator: *See*—
Thomas, Charles L. and Lee.

Cupler, John A., Cumberland, Md. Drill press. 2,439,965. Apr. 20.

Curry, Herman H.: *See*—
Schaelchlin, Walter and Curry.

Curtiss-Wright Corporation, assignee: *See*—
Gley, Paul R.
Palmatier, Everett P.
Stulen, Foster B.

Dana Corporation, assignee: *See*—
Peterson, Carl D. and Deimel.

Darley, William G., Cleveland Heights, Ohio, assignor to General Electric Company. Luminaire. 2,439,885, Apr. 20.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism for railway draft riggings. 2,439,843, Apr. 20.

Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Snubbing means. 2,439,925, Apr. 20.

Davidson, Lloyd H., Connersville, Ind., assignor, by mesne assignments, to Avco Manufacturing Corporation. Sterilized toilet seat. 2,440,231, Apr. 20.

Davidson, Lloyd H., Connersville, Ind., assignor, by mesne assignments, to Avco Manufacturing Corporation. Sterilized toilet seat. 2,440,232, Apr. 20.

Davis, Lewis, and E. C. Tuukkanen, Worcester, assignors to McLaurin-Jones Co., Brookfield, Mass. Sealing and reinforcing cartons with tape and the tape as an article of manufacture. 2,440,193, Apr. 20.

Davis, Robert J., Lutherville, Md., assignor to Bendix Aviation Corporation, New York, N. Y. Amplifier and oscillator circuit. 2,439,844, Apr. 20.

Dearborn Chemical Company, assignee: *See*—
Denman, Wayne L.

Dearsley, Irwin E., assignor to Walker Manufacturing Company of Wisconsin, Racine, Wis. Pumping mechanism. 2,439,796, Apr. 20.

Deere & Company, assignee: *See*—
Brown, Theophilus.

Deimel, Albert H.: *See*—
Peterson, Carl D. and Deimel.

DeJuhasz, Kalman J., State College, Pa., and F. J. Villiforth, Jr., Beacon, assignors to The Texas Company, New York, N. Y. Fuel pump. 2,440,194, Apr. 20.

Denman, Wayne L., Frederick, Md., assignor to Dearborn Chemical Company, Chicago, Ill. Reduction of foaming in an aqueous bath containing foam-inducing constituents. 2,439,797, Apr. 20.

Denmark, Robert, New York, N. Y., and C. H. McWhirter, East Orange, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Lead-in construction. 2,439,886, Apr. 20.

Denton, William I.: *See*—
Krieble, Robert H. and Denton.

De Swart, Jan, Los Angeles, assignor of one half to C. B. Jamison, Beverly Hills, and one half to A. E. Wright, Los Angeles, Calif. Bottle cap. 2,439,845, Apr. 20.

Devine, George F., Easton, Conn., assignor to General Electric Company. Radio cabinet and speaker mounting. 2,440,078, Apr. 20.

D'Halloy, Audoin, Paris, France. Refrigerating machine. 2,440,079. Apr. 20.

Diamant, Malvina, New York, N. Y. Stocking dryer. 2,440,169, Apr. 20.

Dicke, Oscar H., assignor to General Railway Signal Company, Rochester, N. Y. Airplane course indicating system. 2,439,846, Apr. 20.

Dickey, Joseph B., and J. R. Byers, Jr., Rochester, N. Y., and J. G. McNally, Oak Ridge, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Monoazo compounds containing a pyrazolone nucleus. 2,439,798, Apr. 20.

Dinzl, Richard W., Westfield, assignor to The Watson-Stillman Co., Roselle, N. J. Injection molding. 2,439,966, Apr. 20.

Disotell, Mose E., Berlin, Wis. Pole holder. 2,439,847, Apr. 20.

Dobbins, Horace M., Pasadena, Calif. Craft propulsion. 2,440,195, Apr. 20.

Dollase, Robert F., Fort Atkinson, Wis. Trailer hitch. 2,439,967, Apr. 20.

Donaldson, Frank Y., Burbank, Calif. Intermittent flow device. 2,440,006, Apr. 20.

Donovan, Arthur B., Newton Center, Mass. Catamenial tampon. 2,440,141, Apr. 20.

Duefrene, George, Monroe, Conn. Handle, knob, and mounting structure. 2,440,170. Apr. 20.

Duncan, Theodore R., North Hollywood, Calif. Salt shaker. 2,439,799, Apr. 20.

Du Pont, E. I., de Nemours & Company, assignee: *See*—
Alfthan, Johannes.
Arnold, Herrick R.
Howk, Benjamin W., and Jacobson.
Keats, John L., and Peterson.
Klabunde, Walter.
Millhiser, Frederick R.
Swank, Howard W.
Tippetts, Emerson A.

Eastman Kodak Company, assignee: *See*—
Dickey, Joseph B., Byers, and McNally.

Eck, Herbert P., M. M. Karlan, and C. Perrucci, New York, N. Y. Machine for trimming primer cups and the like. 2,440,080, Apr. 20.

Edison, Thomas A., Incorporated, assignee: *See*—
Anderson, Fayette C.
Fox, Robert A.

Eksergian, Carolus L., Detroit, Mich., assignor to The Budd Company, Philadelphia, Pa. Metal wheel. 2,439,848, Apr. 20.

Eldridge, James A., St. James, Manitoba, Canada. Quick release increasing the gap between disks upon entry of uncrushables. 2,440,171, Apr. 20.

Electric Service Manufacturing Company, assignee: *See*—
Hallman, Eric B.

Electrol Incorporated, assignee: *See*—
Ashton, Benjamin N.

Electronic Laboratories, Inc., assignee: *See*—
Peek, Walter E.

Elliott, Harold F., Belmont, Mass. Time control device. 2,440,142, Apr. 20.

Elliott, Peter M., assignor to Oil Distribution Appliances Limited, Toronto, Ontario, Canada. Filling apparatus for volatile liquids with vapor return conduit. 2,439,887, Apr. 20.

Eureka Williams Corporation, assignee: *See*—
Hammell, Kemper M.

Fairchild Engine and Airplane Corporation, assignee: *See*—
Mercier, Pierre E.

Faures, Morris H., assignee, et al.: *See*—
Sharp, Ralph P., Sr.

Fawick Airflex Company, Inc., The, assignee: *See*—
Fawick, Thomas L.

Fawick, Thomas L., Akron, Ohio, assignor to The Fawick Airflex Company, Inc. Assembly for clutches and brakes. 2,439,849, Apr. 20.

Fear, Ralph G., Reseda, Calif. Expansible reamer. 2,439,968. Apr. 20.

Fenney, William N., assignor to The Texas Company, New York, N. Y. Multiple fluid proportioning pump. 2,440,196, Apr. 20.

Fick, Clifford G., Schenectady, N. Y., assignor to General Electric Company. Tuning arrangement. 2,440,081, Apr. 20.

Fisher, Oscar, Locust Valley, N. Y. Sand toy. 2,439,800, Apr. 20.

Flanders, John S., West Kilbride, and E. Jones, Ardrossan, Scotland, assignors to Imperial Chemical Industries Limited. Thermically vaporisable fumigant comprising sensitized ammonium nitrate and a pesticide. 2,440,082. Apr. 20.

Flannery Bolt Company, assignee: *See*—
Greenslade, Grover R.

Floor-O-Matic, Inc., assignee: *See*—
Roger, Henry.

Flowers, Henry F., Findlay, Ohio. Rail vehicle having axleless trucks. 2,439,801, Apr. 20.

Fontaine, John P. K., assignee: *See*—
Norman, Noah M., and Brumby.

Foster, Newton C.: *See*—
Swiss, Jack, and Foster.

Foster, Robert E.: *See*—
Wallace, Frank C., and Foster.

Fountain, Lawrence L.: *See*—
Wagner, Charles F., and Fountain.

Fourneau, Ernest, assignor to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Amino-dioxacyclopentanes. 2,439,969, Apr. 20.

Fox, Robert A., Glenview, Ill., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Polarized armature electrical instrument. 2,439,970, Apr. 20.

Foy, William J.: *See*—
Wolff, Robert L., and Foy.
Francis, Carleton S., Jr., West Harwich, Mass. Apparatus for forming films and coatings. 2,439,802, Apr. 20.
Frank, Frederick C., assignor to Bendix Aviation Corporation, South Bend, Ind. Wheel. 2,439,926, Apr. 20.
Frank, Herman M., assignor to The North & Judd Manufacturing Company, New Britain, Conn. Slide fastener. 2,440,007, Apr. 20.
Freeman, Walter R., St. Louis County, Mo. Shaft bearing. 2,439,971, Apr. 20.
Frick Company, assignee: *See*—
Good, Daniel F.
Friedman, Ernest, New York, N. Y. Indicating system for baseball games. 2,440,042, Apr. 20.
Frohring, Paul R.: *See*—
Tabor, Joseph M., Seibert, and Frohring.
Gamblin, Fay B., Smithers, British Columbia, Canada. Hot-air heater with selective indirect draft. 2,439,972, Apr. 20.
Gardner, George D., San Jose, Calif. Spinach tumbler. 2,440,008, Apr. 20.
Gardner-Richardson Company, The, assignee: *See*—
Ringler, William A.
Gates, George W.: *See*—
Swisher, Robert E., and Gates.
General Aniline & Film Corporation, assignee: *See*—
Mueller, Fritz W. H.
Riester, Oskar, and Willmanns.
General Biochemicals, Inc., assignee: *See*—
Tabor, Joseph M., Seibert, and Frohring.
General Electric Company, assignee: *See*—
Arnold, David C., Strand, and Lewis.
Bensen, Igor B.
Bloomberg, David J.
Brown, Carl A., and Van Sickle.
Cassidy, George E.
Darley, William G.
Devine, George F.
Fick, Clifford G.
Iden, Fred B.
Krieble, Robert H.
Maxwell, Donald E.
Noel, Edward B.
Petersen, Julius.
Sheahan, Robert E.
Sullivan, Earle C.
Van Liempt, Johannes A. M.
Wendt, Harry C.
General Railway Signal Company, assignee: *See*—
Dicke, Oscar H.
Preston, Neil D., and Hitchcock.
General Tire and Rubber Company, The, assignee: *See*—
Kraft, Herman T.
Gibbons, Thomas, Chicago, Ill. Hobbyhorse. 2,440,172, Apr. 20.
Giesen, Josef H., U. S. Navy. Surgical drill. 2,430,803, Apr. 20.
Ginter, Charles W., assignor to The Aro Equipment Corporation, Bryan, Ohio. Bearing packer. 2,439,888, Apr. 20.
Giey, Paul R., Haledon, N. J., assignor to Curtiss-Wright Corporation. Control mechanism. 2,440,083, Apr. 20.
Globe-Union Inc., assignee: *See*—
Wolff, Robert L., and Foy.
Glocker, Gustave, assignor to Super-Seal Container Corporation, Washington, D. C. Machine for applying closures and sealing jars. 2,440,085, Apr. 20.
Goda, Lawrence B., Sr., Chicago, Ill. Lithograph spray device. 2,440,084, Apr. 20.
Goepfrich, George A.: *See*—
Boshka, Joseph M., Goepfrich, and Kuzmitz.
Gofstein, Ralph M.: *See*—
Blout, Elkan R., and Gofstein.
Good, Daniel F., assignor to Frick Company, Waynesboro, Pa. Peanut picker with gaseous suspension and sifting. 2,440,197, Apr. 20.
Goodman Manufacturing Company, assignee: *See*—
Stoltz, Charles E.
Goodrich, B. F., Company, The, assignee: *See*—
Green, William C.
Jansen, Jacob E.
Swedish, Frank, Jr.
Gould, Henry C., Grantham, England. Sterilizing and disinfecting apparatus. 2,440,043, Apr. 20.
Grabau, Martin: *See*—
Land, Edwin H., and Grabau.
Graboi, Michael, New York, N. Y. Slide fastener. 2,440,086, Apr. 20.
Graham, Adelbert M., Beverly Hills, Calif., assignor, by mesne assignments, to Thermoid Company, Trenton, N. J. Drill pipe protector applying and installing apparatus. 2,440,009, Apr. 20.
Green, Edwin F., Ashland, Ky. Tire recapping machine. 2,440,087, Apr. 20.
Green, William C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Pressure-detecting covering. 2,440,198, Apr. 20.
Greenslade, Grover R., Scott Township, Allegheny County, assignor to Flannery Bolt Company, Bridgeville, Pa. Device for making electrical-conductivity test on tubular articles. 2,440,044, Apr. 20.
Grey, David S., assignor to Polaroid Corporation, Cambridge, Mass. Optical lens system. 2,440,088, Apr. 20.
Guardite Corporation, assignee: *See*—
Heineman, Arnold H.
Gunderson, Gustav, Tremont, Pa. Cord holder for electric irons. 2,440,045, Apr. 20.
Gunn, Charles A., Alexander City, Ala. Dobby knife connector. 2,439,973, Apr. 20.
Haas, Walter O., Jr., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Cooling tools. 2,439,927, Apr. 20.
Haddock, Norman H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Azo benzene benzthiazyls. 2,439,804, Apr. 20.
Haeff, Andrew V., Washington, D. C., assignor to Radio Corporation of America. Electron discharge device employing cavity resonators. 2,440,089, Apr. 20.
Hale, George E., assignee: *See*—
Ruskin, Henry.
Hall, Howard E., assignor to Olson Manufacturing Company, Boise, Idaho. Hoist attachment for tractors. 2,440,010, Apr. 20.
Hallman, Eric B., assignor to Electric Service Manufacturing Company, Philadelphia, Pa. Combined vehicle stop and directional signal. 2,440,011, Apr. 20.
Hammell, Kemper M., Detroit, Mich., assignor to Eureka Williams Corporation. Coupling for suction cleaner attachments. 2,440,143, Apr. 20.
Hanley, Herbert R., Rolla, Mo., and J. H. Jacobs, Boulder City, Nev. Electrowinning manganese. 2,439,805, Apr. 20.
Hart, Fred V., and F. L. Mooney, Lynn, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Leveling machine. 2,439,889, Apr. 20.
Hautier, Camille, Boulogne-sur-Seine, France. Reversible propeller with variable pitch. 2,440,046, Apr. 20.
Haver, Gabriel D., Los Angeles, Calif. Locking device. 2,440,012, Apr. 20.
Hawkins, Peter A., Widnes, and N. Bennett, Ditton, England, assignors to Imperial Chemical Industries Limited. Production of derivatives of dihydropyran. 2,439,928, Apr. 20.
Heineman, Arnold H., Chicago, Ill., assignor, by mesne assignments, to Guardite Corporation, Wilmington, Del. Testing chamber. 2,439,806, Apr. 20.
Heller, Edward A., Detroit, Mich. Caster. 2,440,047, Apr. 20.
Heller, George L., Monroe, La., assignor to Columbian Carbon Company, New York, N. Y. Manufacture of carbon black. 2,439,850, Apr. 20.
Henley's, W. T., Telegraph Works Company Limited, assignee: *See*—
Prosser, Alfred J., and Smith.
Henszey, Roy O., Oconomowoc, Wis. Multiple effect still with thermocompression of vapors. 2,440,173, Apr. 20.
Higgins, Frank, Princeton, Ill. Extensible hand truck. 2,439,851, Apr. 20.
Hill, Charles F., Edgewood, and R. W. Auxier, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical insulation. 2,439,929, Apr. 20.
Hings, Donald L., Ottawa, Ontario, Canada. Oscillator control circuit. 2,439,890, Apr. 20.
Hitchcock, Forest B.: *See*—
Preston, Neil D., and Hitchcock.
Hitchings, George H., Tuckahoe, assignor to Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Preparation of xanthopterin. 2,440,221, Apr. 20.
Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated, as trustee. Treatment of rosin. 2,439,807, Apr. 20.
Hoard, Bert V., Portland, Oreg., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Differential relay and restraint magnet therefor. 2,439,930, Apr. 20.
Hodnette, John K., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Protective fuse for electrical apparatus immersed in a dielectric liquid. 2,439,931, Apr. 20.
Hodson, George F., Chicago, Ill., assignor to Wilson & Co. Inc. Coating eggs for breaking. 2,439,808, Apr. 20.
Hoffman, Alan C.: *See*—
Olcott, James, and Hoffman.
Hoffmann-La Roche Inc., assignee: See—
Bergel, Franz, and Cohen.
Zumbrunn, Robert.
Holman, Sam N., Tampa, Fla. Commutator. 2,439,974, Apr. 20.
Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Fluorescent silicate glasses and making same. 2,440,048, Apr. 20.
Hooper, Charles K.: *See*—
Lee, Reuben, and Hooper.
Hornfeck, Anthony J., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Measuring and controlling system. 2,439,891, Apr. 20.
Hosking, Oakley W., Monroe, N. Y., assignor to Composite Rubber Products Corporation, Bridgeport, Conn. Core pin for molding valve stems. 2,440,144, Apr. 20.
Hotpoint Inc., assignee: *See*—
Andrews, John L.

Houghton, William D., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electronic audio switch. 2,440,049, Apr. 20.
Howard, Michael, Davenport, Wash. Plowing mechanism. 2,440,174, Apr. 20.
Howk, Benjamin W., Wilmington, Del., and R. A. Jacobson, Landenburg, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Alpha-methylene carboxylic acid fluoride polymers and their preparation. 2,440,090, Apr. 20.
Hoyt, Harold M., assignor to The Cleveland Welding Company, Cleveland, Ohio. Bicycle. 2,440,091, Apr. 20.
Huck, Alfred J., assignor, by mesne assignments, to Knapp-Monarch Company, St. Louis, Mo. Heating blanket or the like and fabricating same. 2,439,892, Apr. 20.
Huetten, Clarence, assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric vibratory interrupter. 2,440,145, Apr. 20.
Hunter, Theodore A., Iowa City, Iowa, assignor to Collins Radio Company. Temperature compensation means for fixed reactances in tunable circuits. 2,430,809, Apr. 20.
Huston, William M., Lima, Ohio. Gantry structure. 2,440,199, Apr. 20.
Hutchinson, Job, Great Neck, N. Y. Changeable exhibitor having a series of rollers with webs. 2,439,932, Apr. 20.
Hyman, Mark, Jr.: *See*—
Land, Edwin H., Mahler, and Hyman.
Hyman, Mark, Jr., and P. H. Johnson, Jr., assignors to Polaroid Corporation, Cambridge, Mass. Polymers and copolymers of alkoxy acrylic esters. 2,440,092, Apr. 20.
Iden, Fred B., Cleveland Heights, Ohio, assignor to General Electric Company. Filament coiling apparatus. 2,439,893, Apr. 20.
Imperial Chemical Industries Limited, assignee: *See*—
Flanders, John S., and Jones.
Haddock, Norman H.
Hawkins, Peter A., and Bennett.
Independent Pneumatic Tool Company, assignee: *See*—
Mitchell, Walter G.
Industrial Rayon Corporation, assignee: *See*—
Israel, William O.
Ipatieff, Vladimir N.: *See*—
Monroe, George S., and Ipatieff.
Israel, William O., Lakewood, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Terpene derivatives and producing the same. 2,440,093, Apr. 20.
Israel, William O., Lakewood, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Spinning solution and making it. 2,440,094, Apr. 20.
Ivers-Lee Company, The, assignee: *See*—
Salisbery, Leroy L.
Jackson, Donald R., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Catalyst revivification. 2,439,852, Apr. 20.
Jacobs, James H.: *See*—
Hanley, Herbert R., and Jacobs.
Jacobson, Ralph A.: *See*—
Howk, Benjamin W., and Jacobson.
Jahn, Albert J., and C. M., Denver, Colo. Bottle seal cutter. 2,439,894, Apr. 20.
Jahn, Carl M.: *See*—
Jahn, Albert J. and C. M.
Jamison, C. Bland, assignee, et al.: *See*—
De Swart, Jan.
Jansen, Jacob E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Sulfuric acid reaction product of 2-mercapto-4,6,6-trimethyl thiazine. 2,439,810, Apr. 20.
Jansen, Jacob E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. 2-mercapto thiazines and preparing same. 2,440,095, Apr. 20.
Jenkins, Charles F., Laughlintown, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Centrifugal blower. 2,439,933, Apr. 20.
Jesse, William P.: *See*—
Broxon, James W., and Jesse.
Jewell, Joseph W., Summit, assignor to The M. W. Kellogg Company, Jersey City, N. J. Catalytic conversion of hydrocarbons. 2,439,811, Apr. 20.
Jofeh, Lionel, assignor to A. C. Cossor Limited, London, England. Rectifying network for measuring alternating currents. 2,440,200, Apr. 20.
Johnson, Paul H., Bartlesville, Okla., and R. R. Parker, Borger, Tex., assignors to Phillips Petroleum Company. Producing aromatic hydrocarbons. 2,439,934, Apr. 20.
Johnson, Paul H., Jr.: *See*—
Hyman, Mark, Jr., and Johnson.
Jones, Elwyn: *See*—
Flanders, John S., and Jones.
Jones, Thomas R., Woodbridge, and N. R. Bierly, Avenel, N. J., assignors to The American Metal Company, Limited. New York, N. Y. Indium electroplating. 2,439,935, Apr. 20.
Jones, Walter I., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Rotary type shiftable fastener. 2,439,975, Apr. 20.
Jury, Webster W., Pines Lake, N. J. Extensible support. 2,440,096, Apr. 20.
Karlan, Martin M.: *See*—
Eck, Herbert P., Karlan, and Perrucci.
Kasten, Walter, Franklin, assignor, by mesne assignments, to Bendix Aviation Corporation (Delaware) Detroit, Mich. Filter by-pass valve construction. 2,439,936, Apr. 20.
Katcher, Morris, New York, N. Y. Fuel pump. 2,440,175, Apr. 20.
Kear, Collier H., deceased, Richmond Hill, Long Island, N. Y.; D. E. Kear, administratrix. Trough separator with vertical classifying current. 2,440,097, Apr. 20.
Kear, Dorothy E., administratrix: *See*—
Kear, Collier H.
Keats, John L., and J. H. Peterson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium oxide pigment production. 2,439,895, Apr. 20.
Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Blasting room. 2,440,222, Apr. 20.
Kelser, Russell W.: *See*—
Boucher, Charles P., and Kelser.
Kelser, Russell W., and C. P. Boucher, Fostoria, Ohio, assignors to Boucher and Kelser Company, Atlanta, Ga. Fluorescent lamp circuit. 2,439,976, Apr. 20.
Keller, William M., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Railroad car refrigerated by dry ice and a secondary refrigerating system. 2,440,098, Apr. 20.
Kellogg, Edward W., Indianapolis, Ind., assignor to Radio Corporation of America. Motor drive system. 2,440,176, Apr. 20.
Kellogg, M. W., Company, The, assignee: *See*—
Jewell, Joseph W.
Kendle, Fordyce J., Monterey Park, Calif. Tablet packaging machine. 2,439,977, Apr. 20.
Kind, Jacob, Astoria, Long Island, N. Y. Squeegee with blade-holding grip responsive to handle setting. 2,440,099, Apr. 20.
Kirchmeyer, Frederick J.: *See*—
Knauf, Albert E., and Kirchmeyer.
Klaber, Joseph H., Conshohocken, and J. Bjorksten, Philadelphia, assignors to Quaker Chemical Products Corp., Conshohocken, Pa. Fire-resistant cellulose esters and ethers. 2,440,201, Apr. 20.
Klaber, Joseph H., Conshohocken, Pa., and J. Bjorksten, Chicago, Ill., assignors to Quaker Chemical Products Corp., Conshohocken, Pa. Solid fire-resistant cellulose compound. 2,440,202, Apr. 20.
Klabunde, Walter, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Solvent for degreasing iron and aluminum. 2,440,100, Apr. 20.
Klein, Robert E.: *See*—
Lind, Arthur C., and Klein.
Knapp-Monarch Company, assignee: *See*—
Huck, Alfred J.
Knauf, Albert E., and F. J. Kirchmeyer, Waukegan, Ill., assignors to Abbott Laboratories. Riboflavin solution. 2,440,050, Apr. 20.
Konchan, Anton W., Berwyn, Ill. Keyhole cover. 2,439,978, Apr. 20.
Kraft, Herman T., assignor to The General Tire and Rubber Company, Akron, Ohio. Tire repair vulcanizing apparatus. 2,439,896, Apr. 20.
Kramer, Israel, assignor to Kramer Trenton Company, Trenton, N. J. Defrosting mechanism in refrigerating apparatus. 2,440,146, Apr. 20.
Kramer Trenton Company, assignee: *See*—
Kramer, Israel.
Krieble, Robert H., Schenectady, N. Y., assignor to General Electric Company. Tris-(trimethylsilyl) borate and preparing the same. 2,440,101, Apr. 20.
Krieble, Robert H., Schenectady, N. Y., and W. I. Denton, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Making phenol. 2,439,812, Apr. 20.
Krieble, Robert H., Schenectady, N. Y., and W. I. Denton, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Oxidation of benzene to phenol with an organic promoter. 2,440,233, Apr. 20.
Krieble, Robert H., Schenectady, N. Y., and W. I. Denton, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Oxidation of benzene to phenol promoted by added ethers. 2,440,234, Apr. 20.
Krob, Joseph J., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,439,937, Apr. 20.
Krooss, John H., assignor to Pipe Couplings, Inc., New York, N. Y. Pipe coupling. 2,439,979, Apr. 20.
Kulp, Maurice P., Linwood, Pa., and W. A. Sisson, Silverside, assignors to American Viscose Corporation, Wilmington, Del. Artificial filament. 2,439,813, Apr. 20.
Kusan Incorporated, assignee: *See*—
McLain, William R.
Kusch, Polykarp, New York, N. Y., assignor to the United States of America, as represented by the Secretary of War. Cathode structure. 2,440,203, Apr. 20.
Kuzmitz, Frank V.: *See*—
Boshka, Joseph M., Goepfrich, and Kuzmitz.
Lachapelle, Joseph A. E., Los Angeles, Calif. Motor and motor fuel treatment. 2,439,897, Apr. 20.
Laferriere, Joseph E., Boston, Mass. Player-operated means for positioning pins of bowling alleys. 2,440,013, Apr. 20.
Laidig, Alfred H., Bloomfield, N. J., assignor to J. Reich, Brooklyn, N. Y. Toy. 2,440,177, Apr. 20.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Manufacture of light-polarizing, two-tone image on a sheet. 2,440,102, Apr. 20.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Light-polarizing lamination having a plurality of coplanar protective glass elements. 2,440,103, Apr. 20.

Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Light-polarizing viewer for use in connection with stereoscopic pictures. 2,440,104, Apr. 20.

Land, Edwin H., Cambridge, Mass., and M. Grabau, Reading, Pa., assignors to Polaroid Corporation, Cambridge, Mass. Image-carrying film having light-polarizing and nonpolarizing images. 2,440,105, Apr. 20.

Land, Edwin H., Cambridge, J. Mahler, Brookline, and M. Hyman, Jr., assignors to Polaroid Corporation, Cambridge, Mass. Light-polarizing image and forming the same. 2,440,106, Apr. 20.

Lane-Wells Company, assignee: *See*—
Meddick, Lorrain D.

Langsett, Victor M.: *See*—
Smith, Lawrence H.

Lapointe Machine Tool Company, The, assignee: *See*—
Phaneuf, Wilrose J.

Lattmann, Max, Zurich, Switzerland. Electric system for controlling motions. 2,440,147, Apr. 20.

Lee, Edward C.: *See*—
Thomas, Charles L., and Lee.

Lee, Reuben, Catonsville, and C. K. Hooper, Shipley Heights, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Rectifier system. 2,439,938, Apr. 20.

Lesavoy, I. Lawrence, Allentown, Pa. System of forming sheet material. 2,439,939, Apr. 20.

Lewis, Clay E., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical insulation testing apparatus. 2,439,940, Apr. 20.

Lewis, Roy V.: *See*—
Arnold, David C., Strand, and Lewis.

Libbey-Owens-Ford Glass Company, assignee: *See*—
Morgan, Willard L., and Weinrich.

Lind, Arthur C., and R. E. Klein, assignors to Chain Belt Company, Milwaukee, Wis. Grinding apparatus mounted on an overhanging shaft. 2,440,051, Apr. 20.

Lingen, Ralph A., and L. E. Cross, assignors of one-fourth to R. S. Lingen and one-fourth to M. E. Cross, Milwaukee, Wis. Averaging controller. 2,440,052, Apr. 20.

Lingen, Ruth S., assignee, et al.: *See*—
Lingen, Ralph A., and Cross.

Lipski, Daniel J., Milwaukee, Wis. Jack stands. 2,439,854, Apr. 20.

Livermont, Frank W., assignor to Richmont, Inc., Los Angeles, Calif. Limited torque tool. 2,439,980, Apr. 20.

Lofqui, t, Albert P., Jr., Inglewood, Calif. Hose coupling. 2,440,178, Apr. 20.

Logan, William B., Lake Charles, La. Decolorizing gum rosin. 2,440,204, Apr. 20.

Lounsbury, Harvey J., Glen Ellyn, assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 2,439,941, Apr. 20.

Ludwick, Joseph H., Spokane, Wash. Polishing implement with work face consisting of replaceable fabric sheets. 2,440,014, Apr. 20.

Lund, Willard S.: *See*—
Werner, Leo C., and Lund.

Mabli, Victor F., Tarrytown, N. Y. Twine moistening and dispensing device. 2,440,179, Apr. 20.

MacClatchie, John W., Los Angeles, Calif. Gripping means for removing trees. 2,440,180, Apr. 20.

Macomber, Stanley, North Canton, Ohio. Floor tile and joist construction. 2,440,053, Apr. 20.

Maddox, Norval R., Owingsville, Ky. Safety inner tube for pneumatic tires. 2,440,107, Apr. 20.

Madison, Arthur F., assignor to Bower Roller Bearing Company, Detroit, Mich. Centerless grinding machine attachment. 2,440,148, Apr. 20.

Mahler, Joseph: *See*—
Land, Edwin H., Mahler, and Hyman.

Mallory, P. R., & Co., Inc., assignee: *See*—
Oles, Herbert E.
Huetten, Clarence.

Marshall, Laurence K., Cambridge, assignor to Raytheon Manufacturing Company, Newton, Mass. Operating electrical space discharge devices. 2,439,816, Apr. 20.

Marshall, William C., Oakland, Calif. Movable electrode tube. 2,439,942, Apr. 20.

Marsilius, Newman M., Trumbull, Conn. Utility press. 2,440,054, Apr. 20.

Martin, Alfred M., Park Ridge, Ill. Card-handling device. 2,439,943, Apr. 20.

Martin, Joseph, Dayton, Ohio. Storm sash and casement window connector. 2,440,223, Apr. 20.

Matulaitis, Victor E., assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,440,055, Apr. 20.

Maxim Silencer Company, The, assignee: *See*—
Bourne, Roland B., and Tyskewicz.

Maxwell, Donald E., Scotia, N. Y., assignor to General Electric Company. Overcurrent protective system for a direct-current load circuit. 2,440,108, Apr. 20.

Maxwell, William H., assignee: *See*—
Wainwright, George R.

McElvain, Samuel M., Madison, Wis., and T. P. Carney, Indianapolis, Ind. Substituted esters of benzoic acid. 2,439,818, Apr. 20.

McGinnis, Archibald B., assignor to Wheeling Stamping Company, Wheeling, W. Va. Closure cap. 2,440,149, Apr. 20.

McGregor, Rob R., Verona, and E. L. Warrick, Pittsburgh, Pa., assignor to Corning Glass Works, Corning, N. Y. Dimethyl silicone polymers and making them. 2,439,856, Apr. 20.

McIntyre, Brouwer D. and W. D., assignors to Monroe Auto Equipment Company, Monroe, Mich. Dumping box. 2,440,056, Apr. 20.

McIntyre, William D.: *See*—
McIntyre, Brouwer D. and W. D.

McLain, William R., assignor to Kusan Incorporated, Henderson, Ky. Toy block. 2,440,205, Apr. 20.

McLaurin-Jones Co., assignee: *See*—
Davis, Lewis, and Tuukkanen.

McNally, James G.: *See*—
Dickey, Joseph B., Byers, and McNally.

McNally Pittsburg Manufacturing Corporation, assignee: *See*—
Brusset, Jean A.

McWhirter, Carson H.: *See*—
Denmark, Robert, and McWhirter.

Meddick, Lorrain D., assignor to Lane-Wells Company, Los Angeles, Calif. Automatically releasing well head. 2,440,015, Apr. 20.

Mehring, Arthur C., East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Reactance type relay. 2,439,944, Apr. 20.

Mercier, Pierre E., Westport, Conn. Aircraft power plant of jet propulsion type. 2,439,817, Apr. 20.

Mercier, Pierre E., New York, assignor to Fairchild Engine and Airplane Corporation, Farmingdale, N. Y. Engine cooling system. 2,439,898, Apr. 20.

Merit Products, Inc., assignee: *See*—
Bonkowski, Teofil L.

Metalwash Machinery Company, assignee: *See*—
Zademach, Erich R., and Clarke.

Miller Company, The, assignee: *See*—
Runge, Richard M.

Miller, Ralph: *See*—
Hixson, Arthur W., and Miller.

Miller, Raymond J., assignor to American Pattern and Manufacturing Co., Detroit, Mich. Motion-picture projector. 2,439,981, Apr. 20.

Millhiser, Frederick R., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of viscose rayon. 2,440,057, Apr. 20.

Millikan, Glenn A., Nashville, Tenn., assignor to United States of America as represented by the Secretary of War. Single knob oximeter having selective control means for multiple channels. 2,439,857, Apr. 20.

Milster, Arthur N., Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Tractor steering control. 2,440,016, Apr. 20.

Miner, W. H., Inc., assignee: *See*—
Dath, George E.
Krob, Joseph J.
Lounsbury, Harvey J.

Minit-Man, Inc., assignee: *See*—
Rousseau, Leo J.

Mitchell, Walter B., Seattle, Wash. Wire twister. 2,440,058, Apr. 20.

Mitchell, Walter G., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Compression member. 2,440,150, Apr. 20.

Moffett, Frank W., Jr., Gates, N. Y. Demountable drier for hay and the like having a perforate floor and air circulating means. 2,439,853, Apr. 20.

Monaco, George C., Douglaston Hills, N. Y. Method and apparatus for coating comestibles. 2,439,899, Apr. 20.

Monogram Manufacturing Company, assignee: *See*—
Wallace, Frank C., and Foster.

Monroe Auto Equipment Company, assignee: *See*—
McIntyre, Brouwer D. and W. D.

Monroe, George S., and V. N. Ipatieff, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Production of dehydrated castor oil. 2,439,982, Apr. 20.

Mooney, Fred L.: *See*—
Hart, Fred V., and Mooney.

Moore, Frank J., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Effecting catalytic reactions. 2,440,109, Apr. 20.

Morgan, Willard L., Columbus, Ohio, and A. R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Means for thermally evaporating various materials in vacuums for coating purposes. 2,439,983, Apr. 20.

Morrison, Wendell C.: *See*—
Brown, George H., and Morrison.

Mortensen, James C., Princeton, Ill. Respirator. 2,439,855, Apr. 20.

Morton, Henry J., Detroit, Mich. Electrically heated space radiator. 2,439,945, Apr. 20.

Muddiman, Earll R., Wilkinsburg, and W. E. Winterhalter, Mount Lebanon, Pa., assignors to Carnegie-Illinois Steel Corporation. Conductor roll. 2,439,858, Apr. 20.

Mueller, Fritz W. H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Stabilized silver halide emulsions. 2,440,110, Apr. 20.

Mueller, Fritz W. H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Stabilized silver halide emulsions. 2,440,206, Apr. 20.

Muller, George J., Philadelphia, assignor to Taylor Fibre Company, Norristown, Pa. Insulating cover for bus bars. 2,439,859, Apr. 20.

Muller, George J., Philadelphia, assignor to Taylor Fibre Company, Norristown, Pa. Picker stick. 2,440,181, Apr. 20.

Muller, George J., Philadelphia, assignor to Taylor Fibre Company, Norristown, Pa. Picker. 2,440,182, Apr. 20.

Murcko, Paul J., Bridgeport, Conn. Safety guard for presses. 2,440,111, Apr. 20.

Murphy, Everett E., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Making platform shoes. 2,439,900, Apr. 20.

Musselman, John M., South Euclid, assignor to The Standard Oil Company, Cleveland, Ohio. High efficiency lubricants. 2,439,819, Apr. 20.

Musselman, John M., South Euclid, assignor to The Standard Oil Company, Cleveland, Ohio. Compound lubricants. 2,439,820, Apr. 20.

Musselman, John M., South Euclid, assignor to The Standard Oil Company, Cleveland, Ohio. Lubricant preparation. 2,439,821, Apr. 20.

Nass, Lawrence, assignor to J. Briskie, New York, N. Y. Adjustable device. 2,440,017, Apr. 20.

National Lock Company, assignee: *See*—
North, Edwin W., and Stone.

Nellson, Stanley, New York, N. Y. Sanitary bottle spigot. 2,440,112, Apr. 20.

Nelson, Seddon C., Front Royal, Va., assignor to American Viscose Corporation, Wilmington, Del. Thread guide. 2,440,151, Apr. 20.

Neumann, Henry T., New York, N. Y. Producing colored photographs. 2,439,901, Apr. 20.

Niederhauser, Warren D.: *See*—
Bruson, Herman A., and Niederhauser.

Nisbet, Robert H., Stroud, assignor to The Sperry Gyroscope Company, Ltd., Brentford, England. Automatic regulating system having a movable control element and a follow-up element. 2,440,183, Apr. 20.

Noecker, Louis J., St. Clair, Mo. Machine for turning and binding the edges of leather. 2,440,113, Apr. 20.

Noel, Edward B., Cleveland Heights, Ohio, assignor to General Electric Company. Glass tube bending apparatus. 2,439,902, Apr. 20.

Nopco Chemical Company, assignee: *See*—
Pickel, Frank D., and Rosenberg.

Norelli, Patrick: *See*—
Auxier, Robert W., and Norelli.

Norman, Noah M., and A. S. Brumby, assignors to J. P. K. Fontaine, Birmingham, Ala. Trailer coupling mechanism. 2,440,152, Apr. 20.

North, Edwin W., and R. A. Stone, assignors to National Lock Company, Rockford, Ill. High chair tray slide. 2,440,224, Apr. 20.

North & Judd Manufacturing Company, The, assignee: *See*—
Frank, Herman M.

North American Aviation, Inc., assignee: *See*—
Villepigue, Julius G.

O'Connell, Richard A., Jr., Berkeley, Calif., assignor to United States of America as represented by the Secretary of Agriculture. Thread advancing, storage, and stretching reel. 2,439,903, Apr. 20.

Oetjen, Howard H., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric room heater. 2,440,018, Apr. 20.

Oil Distribution Appliances Limited, assignee: *See*—
Elliott, Peter M.

Olcott, James, and A. C. Hoffman, assignors to United Aircraft Products, Inc., Dayton, Ohio. Fluid flow regulator. 2,440,059, Apr. 20.

Oles, Herbert E., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Making spark gaps and products thereof. 2,440,153, Apr. 20.

Oles, Herbert E., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Spark gap. 2,440,154, Apr. 20.

Olson Manufacturing Company, assignee: *See*—
Hall, Howard E.

Osborne, Marianne R.: *See*—
Chappell, Joseph J., and Osborne.

Owens, Thomas B., Cleveland, Ohio. Holder for knives, forks, spoons, and the like. 2,440,207, Apr. 20.

Page, Herbert E., Alhambra, Calif. Pump for hydraulic jacks. 2,440,060, Apr. 20.

Page, Herbert E., Alhambra, Calif. Power driven dry shaver. 2,440,061, Apr. 20.

Page, Herbert E., Alhambra, Calif. Dry shaver. 2,440,114, Apr. 20.

Pakala, William E., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Vapor-electric device. 2,439,946, Apr. 20.

Palmatier, Everett P., Upper Montclair, N. J., assignor to Curtiss-Wright Corporation. Deicing system for aircraft surfaces. 2,440,115, Apr. 20.

Pangborn Corporation, assignee: *See*—
Keefer, Walter L.

Parcell, Charles L., Mariemont, Ohio. Hand tool for cutting out hinge recesses. 2,440,208, Apr. 20.

Parker, Robert R.: *See*—
Johnson, Paul H., and Parker.

Pearson, John L., Tacoma, Wash. Hat construction and sweatband therefor. 2,439,984, Apr. 20.

Peek, Walter E., assignor to Electronic Laboratories, Inc., Indianapolis, Ind. Direct current voltage doubler. 2,439,860, Apr. 20.

Pennsylvania Railroad Company, The, assignee: *See*—
Keller, William M.
Steins, Carleton K.

Perelson, Harold N., Huntington Park, Calif. Dispensing closure. 2,439,985, Apr. 20.

Perrucci, Cosimo: *See*—
Eck, Herbert P., Karlan, and Perrucci.

Petersen, Julius, Cleveland Heights, Ohio, assignor to General Electric Company. Filament coiling apparatus. 2,439,904, Apr. 20.

Peterson, Carl D., and A. H. Deimel; said Deimel and M. F. Peterson, executrix of said C. D. Peterson, deceased, assignors to Dana Corporation, Toledo, Ohio. Fluid seal. 2,440,155, Apr. 20.

Peterson, James H.: *See*—
Keats, John L.

Peterson, Marion F., executrix: *See*—
Peterson, Carl D., and Deimel.

Petkoff, Theodore W., Evansville, Ind. Driving attachment for motorcycles. 2,440,116, Apr. 20.

Phaneuf, Wilrose J., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Saw-tooth surface broach. 2,439,822, Apr. 20.

Phileo Corporation, assignee: *See*—
Bradley, William E.

Phillips Petroleum Company, assignee: *See*—
Johnson, Paul H., and Parker.
Wagner, Cary R.

Phyfe, James D., Gloucester, N. J., assignor to Radio Corporation of America. Electric change-over system. 2,440,184, Apr. 20.

Pianowski, Leon J., and S. F. Sgriccia, assignors to The Udylite Corporation, Detroit, Mich. Work carrier for electroplating. 2,440,019, Apr. 20.

Pickel, Frank D., Bogota, and L. T. Rosenberg, Ridgefield Park, assignors to Nopco Chemical Company, Harrison, N. J. Purifying lactones. 2,439,905, Apr. 20.

Pipe Couplings, Inc., assignee: *See*—
Kroosa, John H.

Piron, Emil H., assignor to Transit Research Corporation. New York, N. Y. Wheel springing element. 2,439,906, Apr. 20.

Pittsburgh Plate Glass Company, assignee: *See*—
Adams, Frederick W.

Plessey Company Limited, assignee: *See*—
Booth, Douglas G.

Poglein, Louis, Jeannette, Pa. Grip for steel drums or the like. 2,439,907, Apr. 20.

Polaroid Corporation, assignee: *See*—
Blout, Elkan R., and Gofstein.
Grey, David S.
Hyman, Mark, Jr., and Johnson.
Land, Edwin H.
Land, Edwin H., and Graubau.
Land, Edwin H., Mahler, and Hyman.
Sterck, Thomas R.
Young, Clinton J. T.

Pontius, Peter A., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Solderless connector for attachment to electrical conductors. 2,439,947, Apr. 20.

Pootjes, Peter, Temple City, assignor to Western Precipitation Corporation, Los Angeles, Calif. Alternate tipping valve for handling fluent materials. 2,439,861, Apr. 20.

Popkin, Alexander H., Bronx, N. Y., assignor to Sun Chemical Corporation. Preparing sulfonamides. 2,440,117, Apr. 20.

Porter, Carl W., Alexandria, Va. Impact clutch. 2,439,823, Apr. 20.

Powling, Philip S.: *See*—
Byrne, Joseph F., and Powling.

Pratt, Best, assignor to Brake Equipment & Supply Company, Chicago, Ill. Disk brake. 2,440,020, Apr. 20.

Preston, Neil D., and F. B. Hitchcock, assignors to General Railway Signal Company, Rochester, N. Y. Airway traffic controlling system. 2,439,862, Apr. 20.

Preston, Neil D., and F. B. Hitchcock, assignors to General Railway Signal Company, Rochester, N. Y. Airway traffic control system. 2,439,948, Apr. 20.

Prindle, Charles: *See*—
Yardeny, Michel N., and Prindle.

Prosser, Alfred J., Rochester, and E. A. Smith, Gravesend, assignors to W. T. Henley's Telegraph Works Company Limited, London, England. Machine for stranding wires. 2,440,185, Apr. 20.

Publicker Industries Inc., assignee: *See*—
Beesch, Samuel C.

Pullin, Cyril G., Wimbledon, London, England. Helicopter rotor mounting and drive. 2,440,225, Apr. 20.

Quaker Chemical Products Corp., assignee: *See*—
Klaber, Joseph H., and Bjorksten.

Radio Corporation of America, assignee: *See*—
Brown, George H., and Morrison.
Haeff, Andrew V.
Houghton, William D.
Kellogg, Edward W.
Phyfe, James D.
Reinhold, Leonhard F., and Spencer.
Sanders, Royden C., Jr.
Zworykin, Vladimir K.

Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Vacuum operated three-way valve. 2,439,863, Apr. 20.

Raytheon Manufacturing Company, assignee: *See*—
Anderson, Homer G.
Marshall, Laurence K.

Redman, Frank R., Yardley, Pa. Method and apparatus for finishing and shrinking textile fabrics. 2,440,209, Apr. 20.

Reich, Joseph, assignee: *See*—
Laidig, Alfred H.

Reinhold, Leonhard F., Staten Island, N. Y., and J. A. Spencer, Teaneck, N. J., assignors to Radio Corporation of America. Indicator control mechanism. 2,440,118, Apr. 20.

Rennie, Robert J., Flushing, N. Y. Overhead railway. 2,439,986, Apr. 20.

Research Corporation, assignee: *See*—
Van Wagtendonk, Willem J.

Resinous Products & Chemical Company, The, assignee: *See*—
Bruson, Herman A., and Niederhauser.
Bruson, Herman A., and Riener.

Reso, Sam, assignor to Universal Tobacco Machine Co., Inc., Jacksonville, Fla. Cigar punching machine. 2,440,156, Apr. 20.

Riblet, Henry J., Belmont, Mass., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War. Antenna. 2,440,210, Apr. 20.

Richmont, Inc., assignee: *See*—
Livermont, Frank W.

Riener, Thomas W.: *See*—
Bruson, Herman A., and Riener.

Riester, Oskar, Dessau, and G. Wilmanns, Wolfen, Kreis Bitterfeld, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Methine dyestuffs. 2,440,119, Apr. 20.

Rigrod, William W., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Tuning means for electron discharge devices. 2,439,908, Apr. 20.

Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Folding box machine. 2,440,120, Apr. 20.

Ritchie, Thomas, Oskaloosa, assignor to C. B. Wade, Ottumwa, Iowa. Float valve. 2,439,864, Apr. 20.

Roberts, Robert P., Spondon, near Derby, England, assignor, by mesne assignments, to Celanese Corporation of America. Manufacture of water-soluble textile materials. 2,439,865, Apr. 20.

Roblee, John E., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control for barrel stencilling machines. 2,439,949, Apr. 20.

Roger, Henry, Sandy Hook, Conn., assignor to Floor-O-Matic, Inc., New York, N. Y. Picture projector and viewer. 2,430,987, Apr. 20.

Rogers, George T., Lake Forest, Ill. Bookholder. 2,439,950, Apr. 20.

Rosenberg, Louis T.: *See*—
Pickel, Frank D., and Rosenberg.

Rosenblatt, Pauline E., Cleveland, Ohio. Chafe pantie. 2,440,021, Apr. 20.

Ross, Donald A. G., West Vancouver, British Columbia, Canada. Bollard. 2,439,988, Apr. 20.

Rostler, Fritz, and L. Bornstein, assignors to Wilmington Chemical Corporation, Wilmington, Del. Resin from phenol, formaldehyde, saturated and unsaturated hydrocarbons, and rosin. 2,439,824, Apr. 20.

Rothweiler, Charles O., Milwaukee, Wis. Leveling device. 2,440,211, Apr. 20.

Rousseau, Leo J., Grosse Pointe Park, assignor, by mesne assignments, to Minit-Man, Inc., Detroit, Mich. Drier for motor vehicle washing and cleaning apparatus. 2,440,157, Apr. 20.

Runge, Richard M., assignor to The Miller Company, Meriden, Conn. Lighting fixture hinge. 2,440,186, Apr. 20.

Ruskin, Henry, assignor of one-half to G. E. Hale, Chicago, Ill. Safety razor blade. 2,439,909, Apr. 20.

Ruthven, Alfred L., Denver, Colo., assignor of three-fifths to himself as trustee for B. R., T. D., and S. A. Ruthven, one-fifth to H. D. Ruthven, and one-fifth to L. R. Ruthven. Toy parachute. 2,430,989, Apr. 20.

Ruthven, Betty R.: *See*—
Ruthven, Alfred L.

Ruthven, Helen D., assignee, et al.: *See*—
Ruthven, Alfred L.

Ruthven, Louis R., assignee, et al.: *See*—
Ruthven, Alfred L.

Ruthven, Sharon A.: *See*—
Ruthven, Alfred L.

Ruthven, Thomas D.: *See*—
Ruthven, Alfred L.

Ryan, Tom R., Trenton, Ga. Pattern control means for knitting machine. 2,439,990, Apr. 20.

Saffer, Martin: *See*—
Sterenbuch, Nathan, and Saffer.

Saladin, Otto, Schweizerhalle, near Basel, Switzerland. Open-air swimming pool. 2,439,866, Apr. 20.

Salfisberg, Leroy L., South Orange, assignor to The Ivers-Lee Company, Newark, N. J. Package. 2,440,022, Apr. 20.

Sanders, Royden C., Jr., Hightstown, N. J., assignor to Radio Corporation of America. Frequency responsive circuits. 2,439,872, Apr. 20.

Schacht, William F., Huntington, Ind. Cattle marker. 2,440,023, Apr. 20.

Schaeffer, Donald W., Dayton, Ohio. Internal-combustion engine. 2,439,867, Apr. 20.

Schaelchlin, Walter, Pittsburgh, Pa., and H. H. Curry, Morristown, N. J.; said Schaelchlin assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Alternating current generator fed motor control system. 2,439,951, Apr. 20.

Schmidt, Oliver G., West Allis, assignor to Chain Belt Company, Milwaukee, Wis. Flat top conveyer chain. 2,440,212, Apr. 20.

Schulman, Frank, Louisville, Ky. Shoulder pad. 2,439,991, Apr. 20.

Schwartz, Soll, Brooklyn, N. Y. Shoulder pad. 2,440,121. Apr. 20.

Schwiering, William, Bronx, N. Y. Necktie holder. 2,440,024, Apr. 20.

Segal, Samuel, New York, N. Y., assignor to Wilson-Jones Company, Chicago, Ill. Binder. 2,439,868, Apr. 20.

Selbert, Howard F.: *See*—
Tabor, Joseph M., Selbert, and Frohring.

Sgriccia, Sam F.: *See*—
Pianowski, Leon J., and Sgriccia.

Sharp, Ralph P., Sr., Carville, assignor of one-third to M. H. Faures and one-third to Albion B. Cobb, Baton Rouge, La. Bobby pin spreader and dispenser. 2,439,870, Apr. 20.

Sharp, Renwick J., Guatemala, Guatemala. Adjustable spring supported chair. 2,439,869, Apr. 20.

Sheahan, Robert E., Bridgeport, Conn., assignor to General Electric Company. Arc lamp. 2,440,122, Apr. 20.

Shell Development Company, assignee: *See*—
Winkler, De Loss E., and Ballard.

Shema, George W., assignee: *See*—
West, George A.

Silverberg, Carl G., Brookfield, assignor to American Optical Company, Southbridge, Mass. Refractory and making the same. 2,440,187, Apr. 20.

Simonian, Gerald, Fresno, Calif. Folding, wheeled, shopping bag. 2,439,992, Apr. 20.

Singer Manufacturing Company, The, assignee: *See*—
Wood, Alfred R.

Singleton, Sidney A., Effingham, assignor to Thermega Limited, London, England. Electric switch. 2,440,025, Apr. 20.

Sisson, Wayne A.: *See*—
Kulp, Maurice P., and Sisson.

Sisson, Wayne A., Silverside, assignor to American Viscose Corporation, Wilmington, Del. Artificial filament. 2,439,814, Apr. 20.

Sisson, Wayne A., Silverside, assignor to American Viscose Corporation, Wilmington, Del. Composite thermoplastic fibers. 2,439,815, Apr. 20.

Skelly, Lawrence E., New Haven, Conn., and H. F. Brinen, assignors to Young Radiator Company, Racine, Wis. Fluid temperature controlling device. 2,439,871, Apr. 20.

Sly, Le Roy W., Kyburz, Calif. Mounting and control means for adjustable saws. 2,440,158, Apr. 20.

Smith, Chester H., Pittsburg, Kans. Removable bone plate. 2,440,123, Apr. 20.

Smith, Ernest A.: *See*—
Prosser, Alfred J., and Smith.

Smith, Lawrence H., assignor to V. M. Langsett, Chicago, Ill. Sash latch. 2,440,026, Apr. 20.

Snyder, Ellis N., Melrose Park, Ill. Combined bird cage perch cleaner and holder for mite attracting material. 2,439,873, Apr. 20.

Snyder, Harry D., New York, assignor, by mesne assignments, to Speed Products Company Inc., Long Island City, N. Y. Loose-leaf binder. 2,439,826, Apr. 20.

Snyder, Russell D., assignor to The Aro Equipment Corporation, Bryan, Ohio. Air line oiler. 2,439,910, Apr. 20.

Societe des Usines Chimiques Rhone-Poulenc, assignee: *See*—
Fourneau, Ernest.

Socolofsky, John F.: *See*—
Berger, Henry G., Crandall, and Socolofsky.

Socony-Vacuum Oil Company, Incorporated, assignee: *See*—
Berger, Henry G., Crandall, and Socolofsky.
Krieble, Robert H., and Denton.

Sofnas, Samuel, Indianapolis, Ind. Spaceband cleaning machine. 2,439,911, Apr. 20.

Solomon, Morris, Kew Gardens, N. Y. Finger bandage. 2,440,235, Apr. 20.

Sorg, Lloyd F.: *See*—
Varian, Sigurd F., and Sorg.

Sparklin, Charles H., Chicago, Ill., assignor to Birtman Electric Company. Electric iron with synchronous heat indication. 2,439,825, Apr. 20.

Speed Products Company, Inc., assignee: *See*—
Snyder, Harry D.

Spencer, James A.: *See*—
Reinhold, Leonard F., and Spencer.

Sperry Corporation, The, assignee: *See*—
Braddon, Frederick D.
Varian, Sigurd F., and Sorg.

Sperry Gyroscope Company, Ltd., The, assignee: *See*—
Nisbet, Robert H.

Spring, George B., deceased, Essex, Conn.; M. B. Spring, executrix. Staking machine. 2,440,213, Apr. 20.

Spring, Mary B., executrix: *See*—
Spring, George B.

Standard Oil Company, The, assignee: *See*—
Musselman, John M.

Stanley, Richard W., Drexel Hill, Pa., assignor to American Viscose Corporation, Wilmington, Del. Apparatus for drying thread by conduction. 2,440,159, Apr. 20.

Steins, Carleton K., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Wheel slip prevention mechanism for locomotives. 2,440,124, Apr. 20.

Sterck, Thomas R., Arlington, assignor to Polaroid Corporation, Cambridge, Mass. Image-carrying film having light-polarizing and nonpolarizing images. 2,440,125, Apr. 20.

Sterenbuch, Nathan, New York, and M. Saffer, Glendale, N. Y. Coil. 2,439,827, Apr. 20.

Stendel, George E., Chicago, Ill., assignor to Carnegie-Illinois Steel Corporation. Pig mold. 2,439,875, Apr. 20.

Stevens, Nichols, Chicago, Ill. Tire repair device. 2,439,876, Apr. 20.

Stoltz, Charles E., assignor to Goodman Manufacturing Company, Chicago, Ill. Mechanical shoveling machine. 2,439,912, Apr. 20.

Stone, Roy A.: *See*—
North, Edwin W., and Stone.

Stoyke, Ludwig T., assignor to Crane Co., Chicago, Ill. Lift check valve. 2,440,027, Apr. 20.

Strand, Oliver T., Jr.: *See*—
Arnold, David C., Strand, and Lewis.

Stroll, Alfred E., Brookline, Mass. Permanent waving apparatus. 2,440,188, Apr. 20.

Strom, Albert P., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,439,952, Apr. 20.

Strott, Robert E., East Templeton, assignor to Thayer Company, Gardner, Mass. Carriage hood construction. 2,440,126, Apr. 20.

Stuart, Alfred A., Jr., Hasbrouck Heights, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Cathode-ray phase indicator. 2,439,877, Apr. 20.

Stulen, Foster B., West Orange, N. J., assignor to Curtiss-Wright Corporation. Producing propeller blades. 2,440,127, Apr. 20.

Sullivan, Earle C., Bridgeport, Conn., assignor to General Electric Company. Pressure cooker. 2,440,128, Apr. 20.

Sun Chemical Corporation, assignee: *See*—
Popkin, Alexander H.

Sun-Kraft, Inc., assignee: *See*—
Atkins, Carl E.

Super-Seal Container Corporation, assignee: *See*—
Glocker, Gustave.

Suter, Menno R., Harrisonburg, Va. Carbon holder. 2,439,874, Apr. 20.

Svensson, Aron B., Filipstad, Sweden. Machine for making crisp bread. 2,439,993, Apr. 20.

Swank, Howard W., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Method and apparatus for producing and stretching artificial yarn. 2,440,226, Apr. 20.

Swedish, Frank, Jr., Rothschild, Wis., assignor to The B. F. Goodrich Company, New York, N. Y. Thiazine dimer. 2,439,828, Apr. 20.

Swisher, Robert E., and G. W. Gates, Kansas City, Mo. Automatic electric switch. 2,440,028, Apr. 20.

Swiss, Jack, and N. C. Foster, McKeesport, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Low-loss thermosetting resins. 2,439,953, Apr. 20.

Tabor, Joseph M., Cleveland, H. F. Seibert, and P. R. Frohring, assignors to General Biochemicals, Inc., Chagrin Falls, Ohio. Extracting pigments. 2,440,029, Apr. 20.

Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Coupling means. 2,440,160, Apr. 20.

Taylor Fibre Company, assignee: *See*—
Muller, George J.

Tennessee Coal, Iron and Railroad Company, assignee: *See*—
Auten, Claude I.

Tercho, John V., Turtle Creek, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Lubrication. 2,439,954, Apr. 20.

Tercho, John V., Turtle Creek, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Oil-ring and flood-lubricated bearing. 2,439,955, Apr. 20.

Texas Company, The, assignee: *See*—
DeJuhasz, Kalman J., and Villforth.
Fenney, William N.
Moore, Frank J.

Thayer Company, assignee: *See*—
Strott, Robert E.

Thermega Limited, assignee: *See*—
Singleton, Sidney A.

Thermoid Company, assignee: *See*—
Graham, Adelbert M.

Thomas, Charles L., Western Springs, and E. C. Lee, deceased, by J. T. Cullinan, administrator, assignors to Universal Oil Products Company, Chicago, Ill. Preparation of a silica-alumina-zirconia catalyst. 2,439,994, Apr. 20.

Thomas, Douglas W., Englewood, assignor to Boyle-Midway Inc., Jersey City, N. J. Magnetic cap guide. 2,440,030, Apr. 20.

Thompson, Douglas E., Chicago, Ill. Scoring device consisting of inclined ladder structure and folding standard therefor. 2,440,129, Apr. 20.

Thorpe, Christopher H. M.: *See*—
Carsten, Han R. F., and Thorpe.

Thrailkill, Orville W., Wellington, Kans. Securing device. 2,439,995, Apr. 20.

Tippetts, Emerson A., Richmond, Va., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing artificial yarn. 2,439,829, Apr. 20.

Tobin Packing Co., Inc., assignee: *See*—
Cross, George L.

Tondreau, Albert W., North Hollywood, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Color motion-picture camera. 2,439,996, Apr. 20.

Transit Research Corporation, assignee: *See*—
Piron, Emil H.

Trico Products Corporation, assignee: *See*—
Rappl, Anton.

Tunke, Paul F.: *See*—
Williams, Edward H., and Tunke.

Tuukkanen, Edwin C.: *See*—
Davis, Lewis, and Tuukkanen.

Tyskewicz, John P.: *See*—
Bourne, Roland B., and Tyskewicz.

Udylite Corporation, The, assignee: *See*—
Pianowski, Leen J., and Sgriccia.

United Aircraft Products, Inc., assignee: *See*—
Olcott, James, and Hoffman.

United-Carr Fastener Corporation, assignee: *See*—
Jones, Walter I.

United Shoe Machinery Corporation, assignee: *See*—
Hart, Fred V., and Mooney.
Murphy, Everett E.

United States Atomic Energy Commission, United States of America, as represented by the, assignee: *See*—
Broxon, James W., and Jesse.

Universal Oil Products Company, assignee: *See*—
Monroe, George S., and Ipatieff.
Thomas, Charles L., and Lee.

Universal Tobacco Machine Co., Inc., assignee: *See*—
Reson, Sam.

Universal Wire Spring Company, The, assignee: *See*—
Blumensaadt, Svend G.

Van Liempt, Johannes A. M., Eindhoven, Netherlands, assignor to General Electric Company. Treating coiled tungsten filaments. 2,439,913, Apr. 20.

Van Sickle, Doris M., administratrix: *See*—
Brown, Carl A., and Van Sickle.

Van Sickle, Frank B.: *See*—
Brown, Carl A., and Van Sickle.

Van Wagtendonk, Willem J., Corvallis, Oreg., assignor to Research Corporation, New York, N. Y. Food accessory substance. 2,439,914, Apr. 20.

Varela, Alfonso P., New York, N. Y. Stud-welding gun. 2,439,830, Apr. 20.

Varian, Sigurd F., and L. F. Sorg, Garden City, N. Y., assignors to The Sperry Corporation. High-frequency apparatus. 2,439,831, Apr. 20.

Vaudreuil, John, Chicago, Ill. Dishwashing machine. 2,440,161, Apr. 20.

Veeder-Root Incorporated, assignee: *See*—
Bliss, Harvey N.

Villepigue, Julius G., assignor to North American Aviation, Inc., Inglewood, Calif. Gunner's turret for aircraft. 2,439,878, Apr. 20.

Villforth, Frederick J., Jr.: *See*—
DeJuhasz, Kalman J., and Villforth.

Volt, Willy, Stuttgart, Germany; vested in the Attorney General of the United States. Injection nozzle for internal-combustion engines. 2,439,832, Apr. 20.

Wade, Charles B.: *See*—
Ritchie, Thomas.

Wagner, Cary R., Utica, Ohio, assignor to Phillips Petroleum Company. Plugging wells. 2,439,833, Apr. 20.

Wagner, Charles F., Swissvale, and L. L. Fountain, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Bus-bar structure. 2,439,956, Apr. 20.

Wagner Electric Corporation, assignee: *See*—
Milster, Arthur N.

Wainwright, George R., Glendale, assignor, by mesne assignments, to W. H. Maxwell, Los Angeles, Calif. Drop feed mechanism for sewing machines. 2,440,031, Apr. 20.

Walker Manufacturing Company of Wisconsin, assignee: *See*—
Dearsley, Irwin E.

Wallace, Frank C., North Hollywood, and R. E. Foster, Glendale, assignors to Monogram Manufacturing Company, Los Angeles, Calif. Jet shaft seal. 2,440,032, Apr. 20.

War, United States of America, as represented by the Secretary of, assignee: *See*—
Kusch, Polykarp.
Millikan, Glenn A.
Riblet, Henry J.
Warner Bros. Pictures, Inc., assignee: *See*—
Tondreau, Albert W.
Warrick, Earl L.: *See*—
McGregor, Rob R., and Warrick.
Waterman, Herbert C., assignor to Bendix Aviation Corporation, South Bend, Ind. Inverse feed-back motor control. 2,440,130, Apr. 20.
Watson-Stillman Co., The, assignee: *See*—
Dinzl, Richard W.
Wayne, Anthony, New York, N. Y. Convertible space saving table. 2,440,131, Apr. 20.
Weightman, William A., assignor to The Budd Company, Philadelphia, Pa. Portable roller welder. 2,439,834, Apr. 20.
Weightman, William A., assignor to The Budd Company, Philadelphia, Pa. Portable roller welder. 2,439,915, Apr. 20.
Weinrich, Arthur R.: *See*—
Morgan, Willard L., and Weinrich.
Welbilt Stove Company, Incorporated, The, assignee: *See*—
Williams, Edward H., and Tunke.
Wendt, Harry C., Lynnfield, Mass., assignor to General Electric Company. Volt-ampere meter. 2,439,835, Apr. 20.
Werner, Leo C., and W. S. Lund, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, Pittsburgh, Pa. Sealing coaxial structures. 2,439,916, Apr. 20.
West, George A., Guffey, assignor of forty-nine per cent to G. W. Shema, Fairplay, Colo. Two-man portable power saw. 2,440,033, Apr. 20.
Western Electric Company Incorporated, assignee: *See*—
Burton, Perry H.
Haas, Walter O., Jr.
Lewis, Clay E.
Western Precipitation Corporation, assignee: *See*—
Pootjes, Peter.
Westinghouse Electric Corporation, assignee: *See*—
Anderson, Ephraim H.
Auxier, Robert W., and Norelli.
Brecht, Winston A.
Brown, Myron J.
Campbell, John M.
Clark, Earl K.
Colaiaco, August P.
Denmark, Robert, and McWhirter.
Hill, Charles F., and Auxier.
Hoard, Bert V.
Hodnette, John K.
Jenkins, Charles F.
Lee, Reuben, and Hooper.
Mehring, Arthur C.
Pakala, William E.
Pontius, Peter A.
Rigrod, William W.
Roblee, John E.
Schaelchlin, Walter, and Curry.
Strom, Albert P.
Swiss, Jack, and Foster.
Taylor, Charles H.
Tercho, John V.
Wagner, Charles F., and Fountain.
Werner, Leo C., and Lund.
Wheeling Stamping Company, assignee: *See*—
McGinnis, Archibald B.
Wiegers, Irvin E., Overland, Mo. Regulating device. 2,440,034, Apr. 20.
Wilcox, Bertram H., Redwood City, Calif. Brush receptacle and suspending bracket. 2,439,837, Apr. 20.
Willard, Gerald W., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Method of and apparatus for locating the direction of natural axes of quartz crystal sections. 2,439,836, Apr. 20.
Williams, Earl, Los Angeles, Calif. Water key for brass musical instruments. 2,439,997, Apr. 20.
Williams, Edward H., Bayside, and P. F. Tunke, Ridgewood, assignors to The Welbilt Stove Company, Incorporated, Maspeth, N. Y. Grate for kitchen ranges. 2,440,035, Apr. 20.
Wilmanns, Gustav: *See*—
Riester, Oskar, and Wilmanns.
Wilmington Chemical Corporation, assignee: *See*—
Rostler, Fritz, and Bornstein.
Wilson & Co., Inc., assignee: *See*—
Hodson, George F.
Wilson, George A., Bogue Chitto, Miss. Vermin destroyer. 2,440,214, Apr. 20.
Wilson-Jones Company, assignee: *See*—
Segal, Samuel.
Wingate, Norman L., Albany, Ga. Foldable garment hanger. 2,439,838, Apr. 20.
Winkler, De Loss E., Berkeley, and S. A. Ballard, Oakland, assignors to Shell Development Company, San Francisco, Calif. Catalytic alkylation of phenols by amines. 2,440,036, Apr. 20.
Winterhalter, William E.: *See*—
Muddiman, Earll R., and Winterhalter.
Winters & Crampton Corporation, assignee: *See*—
Anderson, Lloyd L.
Wisman, Franklin O., assignor to Bendix Aviation Corporation, South Bend, Ind. Electronic motor control system. 2,440,132, Apr. 20.
Wolff, Robert L., Milwaukee, and W. J. Foy, Thiensville, assignors to Globe-Union Inc., Milwaukee, Wis. Frequency selecting switch. 2,440,037, Apr. 20.
Wood, Alfred R., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine safety device. 2,440,227, Apr. 20.
Wright, Arthur E., assignee, et al.: *See*—
De Swart, Jan.
Yardeny, Michel N., New York, and C. Prindle, Long Island City, N. Y.; said Prindle assignor to said Yardeny. Electrical pulsating drive. 2,440,228, Apr. 20.
Young, Clinton J. T., assignor to Polaroid Corporation, Cambridge, Mass. Windshield structure for use in automotive vehicles employing antiglare light-polarizing illuminating and viewing means. 2,440,133, Apr. 20.
Young Radiator Company, assignee: *See*—
Skelly, Lawrence E., and Brinen.
Zademach, Erich R., Hillside, and W. W. Clarke, Summit, assignors to Metalwash Machinery Company, Irvington, N. J. Apparatus for treating articles. 2,440,134, Apr. 20.
Zahray, Walter K.: *See*—
Allen, Louis N., Jr., and Zahray.
Zalkind, Philip, New York, N. Y. Fibre reinforced collapsible container. 2,439,998, Apr. 20.
Zumbrunn, Robert, Basel, Switzerland, assignors to Hoffmann-La Roche Inc., Nutley, N. J. Making alpha-aceto, alpha-chloro, gamma-butyrolactone. 2,440,229, Apr. 20.
Zworykin, Vladimir K., Princeton, N. J., assignor to Radio Corporation of America. Convection current responsive instrument. 2,440,189, Apr. 20.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 20TH DAY OF APRIL, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Antidetonating device. G. M. Bicknell. Re. 22,994, Apr. 20.

Network, Matching. A. Alford. Re. 22,993, Apr. 20.

LIST OF PLANT INVENTIONS

Sansevieria plant. G. E. Bantel. 796, Apr. 20.

LIST OF DESIGN INVENTIONS

Advertising device. W. L. Stensgaard. 149,387, Apr. 20.
Arch-stream offset combination faucet structure. A. G. Smolensky. 149,386, Apr. 20.
Bag-grasping device. A. M. Palmer and F. W. Rodgers. 149,375, Apr. 20.
Blouse. V. McKelvey. 149,369, Apr. 20.
Bottle stopper or similar article, Perfume. J. Herbst. 149,353, Apr. 20.
Bracelet or similar article. G. E. Fournier. 149,345, Apr. 20.
Brooch or similar article. N. Barbieri. 149,334, Apr. 20.
Brooch or similar article. A. Katz. 149,358–60, Apr. 20.
Brooch or similar article, Separable. A. Katz. 149,363, Apr. 20.
Chair. C. N. Alexander. 149,329–31, Apr. 20.
Comb, Measuring. R. Wheeler and R. F. Cozad. 149,393, Apr. 20.
Container or the like, Luminous plant. V. Sherry and H. A. and G. F. Plocky. 149,384–5, Apr. 20.
Desk unit, Combination. C. H. Beatty. 149,335, Apr. 20.
Dispenser, Cigarette. W. Abrams. 149,328, Apr. 20.
Dispenser, Cigarette. D. Nusbaum. 149,371, Apr. 20.
Display device or similar article, Merchandise. E. P. Price, Jr. 149,376, Apr. 20.
Earring. G. Leary. 149,367, Apr. 20.
Fabric, Plastic. F. Holistein. 149,354–5, Apr. 20.
Faucet. L. S. Sayre. 149,379, Apr. 20.
Faucet or similar article. I. W. Stratmore. 149,388, Apr. 20.
Faucet, Water. E. H. Fitter. 149,344, Apr. 20.
Film viewer. F. Gilbert. 149,348, Apr. 20.
Filter and cooler, Combination oil. H. W. Schaefer. 149,380, Apr. 20.
Fixture, Display. H. M. Schick. 149,381, Apr. 20.
Frame and stand or similar article, Display. M. J. Schless. 149,382, Apr. 20.
Game board. S. Binder. 149,336, Apr. 20.
Game board., D. Perlman. 149,374, Apr. 20.
Handle, Drawer. A. S. Rummelsburg. 149,378, Apr. 20.
Knife. G. N. Allen and W. Gerth. 149,332, Apr. 20.
Lace medallion. R. A. Paessler. 149,373, Apr. 20.
Loading ramp, Adjustable passenger. A. L. Varrieur. 149,392, Apr. 20.
Mat or similar article, Place. K. C. Hamilton. 149,351, Apr. 20.
Necklace or similar article. A. Katz. 149,357, Apr. 20.
Necklace or similar article. A. Katz. 149,361–2, Apr. 20.
Pool, Swimming. E. A. Clemetsen. 149,340–1, Apr. 20.
Pump. E. J. Svenson. 149,389, Apr. 20.
Settee. R. I. Anderson and B. Hoeker. 149,333, Apr. 20.
Shade, Lamp. G. U. Van Brunt. 149,391, Apr. 20.
Sharpener and eraser, Combined pencil. W. R. Jalof. 149,356, Apr. 20.
Sharpener, Knife. J. E. Davis. 149,342, Apr. 20.
Signal, Traffic. J. J. Hammer. 149,352, Apr. 20.
Stool. W. L. Greyson. 149,349, Apr. 20.
Stove, Cooking D. P. O'Keefe. 149,372, Apr. 20.
Sucker, Candy. G. W. Carlson. 149,338, Apr. 20.
Suit, Bathing. M. A. De Weese. 149,343, Apr. 20.
Table. H. Rosengren. 149,377, Apr. 20.
Telephone support, ash tray, and amplifying loud speaker, Combined. J. D. Chirite. 149,339, Apr. 20.
Toaster. L. Guild. 149,350, Apr. 20.
Toy animal or similar article, Stuffed. J. Swedlin. 149,390, Apr. 20.
Toy automobile sedan. O. F. Larsen, Jr. 149,365, Apr. 20.
Toy bank or similar article. J. P. Mickus. 149,370, Apr. 20.
Toy construction piece. C. A. Geib. 149,346–7, Apr. 20.
Toy roadster. O. F. Larsen, Jr. 149,366, Apr. 20.
Toy tortoise, Wheeled. H. Sebel. 149,383, Apr. 20.
Tray, Ash. N. F. Caputo. 149,337, Apr. 20.
Vacuum cleaner attachment. J. G. Lippincott. 149,368, Apr. 20.
Welding transformer. J. A. Kern. 149,364, Apr. 20.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 20TH DAY OF APRIL, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Accumulator, Piston type. B. N. Ashton. 2,440,065, Apr. 20.
Acrylonitrile and drying oil acids and esters, Addition products of. H. A. Bruson and W. D. Niederhauser. 2,440,140, Apr. 20.
Adjustable device. L. Nass. 2,440,017, Apr. 20.
Adjustable spring supported chair. R. J. Sharp. 2,439,869, Apr. 20.
Agar, Extraction and preparation of. J. F. Byrne and P. S. Powling. 2,439,964, Apr. 20.
Aircraft, Helicopter and airplane sustained. G. H. Bowlus. 2,440,003, Apr. 20.
Airplane course indicating system. O. H. Dicke. 2,439,846, Apr. 20.
Alpha-aceto, alpha-chloro, gamma-butyrolactone, Making. R. Zumbrunn. 2,440,229, Apr. 20.
Alpha-methylene carboxylic acid fluoride polymers and their preparation. B. W. Howk and R. A. Jacobson. 2,440,090, Apr. 20.
Amino-dioxacyclopentanes. E. Fourneau. 2,439,969, Apr. 20.
Amplifier and oscillator circuit. R. J. Davis. 2,439,844, Apr. 20.
Ankle joint and reinforcing member for pneumatic feet. H. C. Campbell. 2,440,075, Apr. 20.
Antenna. H. J. Riblet. 2,440,210, Apr. 20.
Apparatus for applying tags to articles. P. H. Burton. 2,440,040, Apr. 20.
Apparatus for drying thread by conduction. R. W. Stanley. 2,440,159, Apr. 20.
Apparatus for forming films and coatings. C. S. Francis, Jr. 2,439,802, Apr. 20.
Apparatus for treating articles. E. R. Zademach and W. W. Clarke. 2,440,134, Apr. 20.
Arc lamp. R. E. Sheahan. 2,440,122, Apr. 20.
Article traying machine. C. A. Brown and F. B. Van Sickle. 2,439,883, Apr. 20.
Artificial filament. M. P. Kulp and W. A. Sisson. 2,439,813, Apr. 20.
Artificial filament. W. A. Sisson. 2,439,814, Apr. 20.
Artificial yarn, Method and apparatus for producing and stretching. H. W. Swank. 2,440,226, Apr. 20.
Artificial yarn, Producing. E. A. Tippetts. 2,439,829, Apr. 20.
Attachment for wire elements to frame structures. S. G. Blumensaadt. 2,440,001, Apr. 20.
Automatic and manual control system for circuit breakers. M. J. Brown. 2,439,920, Apr. 20.
Automatic electric switch. R. E. Swisher and G. W. Gates. 2,440,028, Apr. 20.
Automatic regulating system having a movable control element and a follow-up element. R. H. Nisbet. 2,440,183, Apr. 20.
Automatically releasing well head. L. D. Meddick. 2,440,015, Apr. 20.
Azo benzene benzthiazyls. N. H. Haddock. 2,439,804, Apr. 20.
Bag: *See*—
Folding, wheeled, shopping bag.
Bandage, Finger. M. Solomon. 2,440,235, Apr. 20.
Battery charging apparatus and method. F. C. Anderson. 2,440,163, Apr. 20.
Beam for aircraft landing gears, Supporting. G. E. Beringer. 2,440,068, Apr. 20.
Bearing: *See*—
Oil-ring and flood-lubricated bearing. Shaft bearing.
Bending apparatus, Glass tube. E. B. Noel. 2,439,902, Apr. 20.
Bicycle. H. M. Hoyt. 2,440,091, Apr. 20.
Binder. S. Segal. 2,439,868, Apr. 20.
Binder, Loose-leaf. H. D. Snyder. 2,439,826, Apr. 20.
Blade, Safety razor. H. Ruskin. 2,439,909, Apr. 20.
Blanket or the like and fabricating same, Heating. A. J. Huck. 2,439,892, Apr. 20.
Blasting room. W. L. Keefer. 2,440,222, Apr. 20.
Block: *See*—
Toy block.
Blower, Centrifugal. C. F. Jenkins. 2,439,933, Apr. 20.
Bollard. D. A. G. Ross. 2,439,988, Apr. 20.
Bookholder. G. T. Rogers. 2,439,950, Apr. 20.
Bottle cap. J. de Swart. 2,439,845, Apr. 20.
Bottle seal cutter. A. J. and C. M. Jahn. 2,439,894, Apr. 20.
Box: *See*—
Dumping box.
Box machine, Folding. W. A. Ringler. 2,440,120, Apr. 20.

Brake: *See*—
Disk brake. Hand brake.
Broach, Saw tooth surface. W. J. Phaneuf. 2,439,822, Apr. 20.
Brush, Nail. J. J. Chappell and M. R. Osborne. 2,439,922, Apr. 20.
Brush receptacle and suspending bracket. B. H. Wilcox. 2,439,837, Apr. 20.
Bus-bar structure. C. E. Wagner and L. L. Fountain. 2,439,956, Apr. 20.
Camera, Color motion picture. A. W. Tondreau. 2,439,996, Apr. 20.
Camera-pod. J. S. Beattie. 2,440,137, Apr. 20.
Cap: *See*—
Bottle cap. Closure cap.
Carbon black, Manufacture of. G. L. Heller. 2,439,850, Apr. 20.
Carbon holder. M. R. Suter. 2,439,874, Apr. 20.
Card handling device. A. M. Martin. 2,439,943, Apr. 20.
Carriage hood construction. R. E. Strott. 2,440,126, Apr. 20.
Carrier for electroplating, Work. L. J. Pianowski and S. F. Sgriccia. 2,440,019, Apr. 20.
Caster. E. A. Heller. 2,440,047, Apr. 20.
Castor oil, Production of dehydrated. G. S. Monroe and V. N. Ipatieff. 2,439,982, Apr. 20.
Catalyst, Preparation of a silica-alumina-zirconia. C. L. Thomas and E. C. Lee. 2,439,904, Apr. 20.
Catalyst revivification. D. R. Jackson. 2,439,852, Apr. 20.
Catalyst, Tungsten-molybdenum trioxide. H. R. Arnold. 2,439,880, Apr. 20.
Catalytic alkylation of phenols by amines. De L. E. Winkler and S. A. Ballard. 2,440,036, Apr. 20.
Catalytic conversion of hydrocarbons. J. W. Jewell. 2,439,811, Apr. 20.
Catalytic reactions, Effecting. F. J. Moore. 2,440,109, Apr. 20.
Catamenial tampon. A. B. Donovan. 2,440,141, Apr. 20.
Cathode-ray phase indicator. A. A. Stuart, Jr. 2,439,877, Apr. 20.
Cathode structure. P. Kusch. 2,440,203, Apr. 20.
Cellulose compound, Solid fire-resistant. J. H. Klaber and J. Bjorksten. 2,440,202, Apr. 20.
Cellulose esters and ethers, Fire-resistant. J. H. Klaber and J. Bjorksten. 2,440,201, Apr. 20.
Chain: *See*—
Flat top conveyer chain.
Chair: *See*—
Adjustable spring supported chair.
Chest, Paper board. W. G. Anderson, Jr. 2,439,959, Apr. 20.
Chute, Wagon. R. Bauders. 2,439,961, Apr. 20.
Cigarette package holder. E. L. Beckwith. 2,440,164, Apr. 20.
Circuit: *See*—
Amplifier and oscillator circuit. Root mean square voltage measuring circuit.
Fluorescent lamp circuit. Synchronized oscillator circuit.
Oscillator control circuit.
Circuit interrupter. A. P. Strom. 2,439,952, Apr. 20.
Circuits, Frequency responsive. R. C. Sanders, Jr. 2,439,872, Apr. 20.
Cleaning machine, Spaceband. S. Sofnas. 2,439,911, Apr. 20.
Closure cap. A. B. McGinnis. 2,440,149, Apr. 20.
Closure, Dispensing. H. N. Perelson, 2,439,985, Apr. 20.
Clutch: *See*—
Impact clutch.
Clutches and brakes, Assembly for. T. L. Fawick. 2,439,849, Apr. 20.
Coating comestibles, Method and apparatus for. G. C. Monaco. 2,439,899, Apr. 20.
Coil. N. Sterenbuch and M. Saffer. 2,439,827, Apr. 20.
Coiled tungsten filaments, Treating. J. A. M. van Liempt. 2,439,913, Apr. 20.
Collapsible hanging garment container. I. M. Cowan. 2,440,192, Apr. 20.
Collector for drains, Debris. W. Behrend. 2,440,165, Apr. 20.
Commutator. S. N. Holman. 2,439,974, Apr. 20.
Composite thermoplastic fibers. W. A. Sisson. 2,439,815, Apr. 20.
Compression member. W. G. Mitchell. 2,440,150, Apr. 20.

Connecter: *See*—
Dobby knife connector.
Storm sash and casement window connector.
Connector: *See*—
Dobby knife connector.
Storm sash and casement window connector.
Connector for attachment to electrical conductors, Solderless. P. A. Pontius. 2,439,947, Apr. 20.
Container: *See*—
Collapsible hanging garment container. Fibre reinforced collapsible container.
Control for barrel stencilling machines. J. E. Roblee. 2,439,949, Apr. 20.
Control mechanism. E. K. Clark. 2,439,842, Apr. 20.
Control mechanism. P. R. Giey. 2,440,083, Apr. 20.
Controller, Averaging. R. A. Lingen and L. E. Cross. 2,440,052, Apr. 20.
Connection current responsive instrument. V. K. Zworykin. 2,440,189, Apr. 20.
Convertible space saving table. A. Wayne. 2,440,131, Apr. 20.
Cooker, Pressure. E. C. Sullivan. 2,440,128, Apr. 20.
Core pin for molding valve stems. O. W. Hosking. 2,440,144, Apr. 20.
Cotton cleaning apparatus. E. H. Brooks. 2,440,139, Apr. 20.
Counter coin chutes. H. N. Bliss. 2,440,191, Apr. 20.
Coupling: *See*—
Hose coupling. Pipe coupling.
Coupling for coaxial cables. H. R. F. Carsten and C. H. M. Thorpe. 2,439,841, Apr. 20.
Coupling for suction cleaner attachments. K. M. Hammell. 2,440,143, Apr. 20.
Coupling means. C. H. Taylor. 2,440,160, Apr. 20.
Coupling mechanism, Trailer. N. M. Norman and A. S. Brumby. 2,440,152, Apr. 20.
Cover: *See*—
Keyhole cover.
Cover for bus bars, Insulating. G. J. Muller. 2,439,859, Apr. 20.
Covering member for articles of luggage. L. H. Clark. 2,440,077, Apr. 20.
Craft propulsion. H. M. Dobbins. 2,440,195, Apr. 20.
Crystal apparatus, Piezoelectric. D. C. Arnold, O. T. Strand, Jr., and R. V. Lewis. 2,440,064, Apr. 20.
Crystalline limestone in heavy fluid for float-and-sink concentration, Finely divided. J. A. Brusset. 2,440,005, Apr. 20.
Cutter: *See*—
Bottle seal cutter.
Cutting and chamfering metal sheets, Machine for. E. Bugatti. 2,439,794, Apr. 20.
Cyclic ether. H. A. Bruson and T. W. Riener. 2,440,220, Apr. 20.
Defrosting mechanism in refrigerating apparatus. I. Kramer. 2,440,146, Apr. 20.
Degreasing iron and aluminum, Solvent for. W. Klabunde. 2,440,100, Apr. 20.
Deicing system for aircraft surfaces. E. P. Palmatier. 2,440,115, Apr. 20.
Depositing substances by thermal evaporation in vacuum chambers, Method of and apparatus for. P. Alexander. 2,440,135, Apr. 20.
Derivatives of dihydropyran, Production of. P. A. Hawkins and N. Bennett. 2,439,928, Apr. 20.
Device for making electrical-conductivity test on tubular articles. G. R. Greenslade. 2,440,044, Apr. 20.
Differential ion chamber. J. W. Broxon and W. P. Jesse. 2,440,167, Apr. 20.
Differential relay and restraint magnet therefor. B. V. Hoard. 2,439,930, Apr. 20.
Dimethyl silicone polymers and making them. R. R. McGregor and E. L. Warrick. 2,439,856, Apr. 20.
Dishwashing machine. J. Vaudreuil. 2,440,161, Apr. 20.
Disk brake. B. Pratt. 2,440,020, Apr. 20.
Display device, Pictorial. L. Allen. 2,440,062, Apr. 20.
Dobby knife connector. C. A. Gunn. 2,439,973, Apr. 20.
Drier: *See*—
Stocking dryer.
Drier for hay and the like having a perforate floor and air circulating means, Demountable. F. W. Moffett, Jr. 2,439,853, Apr. 20.
Drier for motor vehicle washing and cleaning apparatus. L. J. Rousseau. 2,440,157, Apr. 20.
Drill: *See*—
Surgical drill.
Drill press. J. A. Cupler. 2,439,965, Apr. 20.
Drive, Flexible. W. A. Brecht. 2,439,919, Apr. 20.
Driving attachment for motorcycles. T. W. Petkoff. 2,440,116, Apr. 20.
Drop feed mechanism for sewing machines. G. R. Wainwright. 2,440,031, Apr. 20.
Drum, Sanding. T. L. Bonkowski. 2,439,962, Apr. 20.
Dryer: *See*—
Stocking dryer.
Dumping box. B. D. and W. D. McIntyre. 2,440,056, Apr. 20.
Eggs for breaking, Coating. G. F. Hodson. 2,439,808, Apr. 20.
Electric change-over system. J. D. Phyfe. 2,440,184, Apr. 20.
Electric room heater. H. H. Oetjen. 2,440,018, Apr. 20.
Electric switch. S. A. Singleton. 2,440,025, Apr. 20.
Electric system for controlling motions. M. Lattmann. 2,440,147, Apr. 20.
Electric vibratory interrupter. C. Huetten. 2,440,145, Apr. 20.
Electrical instrument, Polarized armature. R. A. Fox. 2,439,970, Apr. 20.
Electrical insulation. C. F. Hill and R. W. Auxier. 2,439,929, Apr. 20.
Electrical insulation testing apparatus. C. E. Lewis. 2,439,940, Apr. 20.
Electrical pulsating drive. M. N. Yardeny and C. Prindle. 2,440,228, Apr. 20.
Electrical space discharge devices, Operating. L. K. Marshall. 2,439,816, Apr. 20.
Electron discharge device. H. G. Anderson. 2,439,786, Apr. 20.
Electron discharge device employing cavity resonators. A. V. Haeff. 2,440,089, Apr. 20.
Electronic audio switch. W. D. Houghton. 2,440,049, Apr. 20.
Electronic motor control system. F. O. Wisman. 2,440,132, Apr. 20.
Electrowinning manganese, Method of. H. R. Hanley and J. H. Jacobs. 2,439,805, Apr. 20.
Elevating mechanism for snowplows. R. B. Bourne and J. P. Tyskewicz. 2,440,166, Apr. 20.
Engine: *See*—
Internal-combustion engine.
Engine cooling system. P. E. Mercier. 2,439,898, Apr. 20.
Engine test system. G. E. Cassidy. 2,440,076, Apr. 20.
Esters of benzoic acid, Substituted. S. M. McElvain and T. P. Carney. 2,439,818, Apr. 20.
Evaporating various materials in vacuums for coating purposes, Thermally. W. L. Morgan and A. R. Weinrich. 2,439,983, Apr. 20.
Exhibitor having a series of rollers with webs, Changeable. J. Hutchinson. 2,439,932, Apr. 20.
Extensible support. W. W. Jury. 2,440,096, Apr. 20.
Fastener: *See*—
Rotary fastener. Slide fastener.
Fastener. K. C. Bugg. 2,440,074, Apr. 20.
Fermenting carbohydrates to butanol and acetone. S. C. Beesch. 2,439,791, Apr. 20.
Fibre reinforced collapsible container. P. Zalkind. 2,439,998, Apr. 20.
Filament coiling apparatus. F. B. Iden. 2,439,893, Apr. 20.
Filament coiling apparatus. J. Petersen. 2,439,904, Apr. 20.
Fill indicator. W. C. Buttner. 2,440,230, Apr. 20.
Filling apparatus for volatile liquids with vapor return conduit. P. M. Elliott. 2,439,887, Apr. 20.
Film having light-polarizing and nonpolarizing images, Image-carrying. E. H. Land and M. Grabau. 2,440,105, Apr. 20.
Film having light-polarizing and nonpolarizing images, Image-carrying. T. R. Sterck. 2,440,125, Apr. 20.
Films upon the surfaces of glass plates, Forming. F. W. Adams. 2,439,999, Apr. 20.
Filter and manufacture, Optical. E. R. Blout and R. M. Gofstein. 2,440,070, Apr. 20.
Finishing and shrinking textile fabrics, Method and apparatus for. F. R. Redman. 2,440,209, Apr. 20.
Flatiron, Electric. E. K. Clark. 2,440,041, Apr. 20.
Flat top conveyer chain. O. G. Schmidt. 2,440,212, Apr. 20.
Float valve. T. Ritchie. 2,439,864, Apr. 20.
Floating roof storage tank. H. C. Boardman. 2,439,792, Apr. 20.
Floor tile and joist construction. S. Macomber. 2,440,053, Apr. 20.
Flow device, Intermittent. F. Y. Donaldson. 2,440,006, Apr. 20.
Fluid flow regulator. J. Olcott and A. C. Hoffman. 2,440,059, Apr. 20.
Fluorescent lamp circuit. R. W. Keiser and C. P. Boucher. 2,439,976, Apr. 20.
Fluorescent lighting system. C. P. Boucher and R. W. Keiser. 2,439,963, Apr. 20.
Foaming in an aqueous bath containing foam-inducing constituents, Reduction of. W. L. Denman. 2,439,797, Apr. 20.
Foldable garment hanger. N. L. Wingate. 2,439,838, Apr. 20.
Folding, wheeled, shopping bag. G. Simonian. 2,439,992, Apr. 20.
Food accessory substance. W. J. van Wagtendonk. 2,439,914, Apr. 20.
Frequency selecting switch. R. L. Wolff and W. J. Foy. 2,440,037, Apr. 20.
Fuel pump. K. J. De Juhasz and F. J. Villforth, Jr. 2,440,194, Apr. 20.
Fuel pump. M. Katcher. 2,440,175, Apr. 20.
Fumigant comprising sensitized ammonium nitrate and a pesticide, Thermically vaporisable. J. S. Flanders and E. Jones. 2,440,082, Apr. 20.
Fuse for electrical apparatus immersed in a dielectric liquid, Protective. J. K. Hodnette. 2,439,931, Apr. 20.

Gantry structure. W. M. Huston. 2,440,199, Apr. 20.
Gasket. E. K. Clark. 2,439,923, Apr. 20.
Generator: *See*—
Ultraviolet ray generator.
Glasses and making same, Fluorescent silicate. H. P. Hood. 2,440,048, Apr. 20.
Grate for kitchen ranges. E. H. Williams and P. F. Tunke. 2,440,035, Apr. 20.
Grinding apparatus mounted on an overhanging shaft. A. C. Lind and R. E. Klein. 2,440,051, Apr. 20.
Grinding machine attachment, Centerless. A. F. Madison. 2,440,148, Apr. 20.
Grip for steel drums or the like. L. Poglein. 2,439,907, Apr. 20.
Gripping means for removing trees. J. W. MacClatchie. 2,440,180, Apr. 20.
Guard for presses, Safety. P. J. Murcko. 2,440,111, Apr. 20.
Guide, Magnetic cap. D. W. Thomas. 2,440,030, Apr. 20.
Guide, Thread. S. C. Nelson. 2,440,151, Apr. 20.
Gun charger, Semiautomatic hydraulic-electric. J. M. Boshka, G. A. Goepfrich, and F. V. Kuzmitz. 2,440,071, Apr. 20.
Gun, Stud-welding. A. P. Varela. 2,439,830, Apr. 20.
Hand brake. H. J. Lounsbury. 2,439,941, Apr. 20.
Hand tool for cutting out hinge recesses. C. L. Parcell. 2,440,208, Apr. 20.
Handle: *See*—
Table cutlery handle.
Handle, knob, and mounting structure. G. Duefrene. 2,440,170, Apr. 20.
Hanger: *See*—
Foldable garment hanger. Trouser hanger.
Hat construction and sweatband therefor. J. L. Pearson. 2,439,984, Apr. 20.
Heater: *See*—
Electric room heater.
Heater with selective indirect draft, Hot-air. F. B. Gamblin. 2,439,972, Apr. 20.
Helicopter rotor mounting and drive. C. G. Pullin. 2,440,225, Apr. 20.
High chair tray slide. E. W. North and R. A. Stone. 2,440,224, Apr. 20.
High-frequency apparatus. S. F. Varian and L. F. Sorg. 2,439,831, Apr. 20.
Hinge, Lighting fixture. R. M. Runge. 2,440,186, Apr. 20.
Hitch, Trailer. R. F. Dollase. 2,439,967, Apr. 20.
Hobby horse. T. Gibbons. 2,440,172, Apr. 20.
Hoist attachment for tractors. H. E. Hall. 2,440,010, Apr. 20.
Holder: *See*—
Carbon holder. Necktie holder.
Cigarette package holder. Pole holder.
Holder for electric irons, Cord. G. Gunderson. 2,440,045, Apr. 20.
Holder for knives, forks, spoons, and the like. T. B. Owens. 2,440,207, Apr. 20.
Hose coupling. A. P. Lofquist, Jr. 2,440,178, Apr. 20.
House construction, Prefabricated metal. C. I. Auten. 2,439,960, Apr. 20.
Hydraulic pump. D. G. Booth. 2,440,072, Apr. 20.
Hydrocarbons, Producing aromatic. P. H. Johnson and R. R. Parker. 2,439,934, Apr. 20.
Ignitron, Sealed. A. P. Colaiaco. 2,439,924, Apr. 20.
Impact clutch. C. W. Porter. 2,439,823, Apr. 20.
Indicating system for baseball games. E. Friedman. 2,440,042, Apr. 20.
Indicator: *See*—
Cathode-ray phase indicator. Fill indicator.
Indicator control mechanism. L. F. Reinhold and J. A. Spencer. 2,440,118, Apr. 20.
Indium electroplating. T. R. Jones and N. R. Bierly. 2,439,935, Apr. 20.
Inner tube for pneumatic tires, Safety. N. R. Maddox. 2,440,107, Apr. 20.
Internal-combustion engine. D. W. Schaeffer. 2,439,867, Apr. 20.
Iron sulfate liquors, Treatment of. L. N. Allen, Jr., and W. K. Zahray. 2,440,215, Apr. 20.
Iron with synchronous heat indication, Electric. C. H. Sparklin. 2,439,825, Apr. 20.
Ketotetrahydropyridine derivatives and hydroxypyridine derivatives, Manufacture of. F. Bergel and A. Cohen. 2,440,218–19, Apr. 20.
Key for brass musical instruments, Water. E. Williams. 2,439,997, Apr. 20.
Keyhole cover. A. W. Konchan. 2,439,978, Apr. 20.
Knife, fork, and spoon set. R. R. Beddow. 2,439,882, Apr. 20.
Lactones, Purifying. F. D. Pickel and L. T. Rosenberg. 2,439,905, Apr. 20.
Laminating. R. W. Auxier and P. Norelli. 2,439,918, Apr. 20.
Lamp: *See*—
Arc lamp.
Lamps, Method and machine for basing and seasoning fluorescent. J. M. Campbell. 2,439,884, Apr. 20.
Latch: *See*—
Sash latch.
Latch mechanism, Refrigeration. L. L. Anderson. 2,440,162, Apr. 20.
Lead-in construction. R. Denmark and C. H. McWhirter. 2,439,886, Apr. 20.
Lens system, Optical. D. S. Grey. 2,440,088, Apr. 20.
Leveling device. C. O. Rothweiler. 2,440,211, Apr. 20.
Leveling machine. F. V. Hart and F. L. Mooney. 2,439,889, Apr. 20.
Lift check valve. L. T. Stoyke. 2,440,027, Apr. 20.
Light-polarizing image and forming the same. E. H. Land, J. Mahler, and M. Hyman, Jr. 2,440,106, Apr. 20.
Light-polarizing lamination having a plurality of coplanar protective glass elements. E. H. Land. 2,440,103, Apr. 20.
Light-polarizing, two-tone image on a sheet, Manufacture of. E. H. Land. 2,440,102, Apr. 20.
Light-polarizing viewer for use in connection with stereoscopic pictures. E. H. Land. 2,440,104, Apr. 20.
Limited torque tool. F. W. Livermont. 2,439,980, Apr. 20.
Locking apparatus, Unidirectional. S. S. Baker and R. F. Batchelar. 2,440,038, Apr. 20.
Locking device. G. D. Haver. 2,440,012, Apr. 20.
Lubricant preparation. J. M. Musselman. 2,439,821, Apr. 20.
Lubricants, Compound. J. M. Musselman. 2,439,820, Apr. 20.
Lubricants, High-efficiency. J. M. Musselman. 2,439,819, Apr. 20.
Lubrication. J. V. Tercho. 2,439,954, Apr. 20.
Luminaire. W. G. Darley. 2,439,885, Apr. 20.
Machine for applying closures and sealing jars. G. Glocker. 2,440,085, Apr. 20.
Machine for making crisp bread. A. B. Svensson. 2,439,993, Apr. 20.
Machine for slicing cheese or the like in various shapes and sizes. A. F. Buroff. 2,439,840, Apr. 20.
Machine for stranding wires. A. J. Prosser and E. A. Smith. 2,440,185, Apr. 20.
Machine for trimming primer cups and the like. H. P. Eck, M. M. Karlan, and C. Perrucci. 2,440,080, Apr. 20.
Machine for turning and binding the edges of leather. L. J. Noecker. 2,440,113, Apr. 20.
Manipulator. I. B. Bensen. 2,440,067, Apr. 20.
Marker, Cattle. W. F. Schacht. 2,440,023, Apr. 20.
Measuring and controlling system. A. J. Hornfeck. 2,439,891, Apr. 20.
Meat product and making the same. G. L. Cross. 2,440,168, Apr. 20.
Metal wheel. C. L. Eksergian. 2,439,848, Apr. 20.
Metering system with supervised control device, Selective. J. L. Bower. 2,440,002, Apr. 20.
Meter: *See*—
Volt-ampere meter.
Methine dyestuffs. O. Riester and G. Wilmanns. 2,440,119, Apr. 20.
Moistening and dispensing device, Twine. V. F. Mabil. 2,440,179, Apr. 20.
Mold: *See*—
Pig mold.
Molding, Injection. R. W. Dinzl. 2,439,966, Apr. 20.
Monazo compounds containing a pyrazolone nucleus. J. B. Dickey, J. R. Byers, Jr., and J. G. McNally. 2,439,798, Apr. 20.
Motor and motor fuel treatment. J. A. E. Lachapelle. 2,439,897, Apr. 20.
Motor control, Inverse feed-back. H. C. Waterman. 2,440,130, Apr. 20.
Motor control system, Alternating current generator fed. W. Schaelchlin and H. H. Curry. 2,439,951, Apr. 20.
Motor drive system. E. W. Kellogg. 2,440,176, Apr. 20.
Mould: *See*—
Pig mold.
Mounting and control means for adjustable saws. Le R. W. Sly. 2,440,158, Apr. 20.
Movable electrode tube. W. C. Marshall. 2,439,942, Apr. 20.
Multicylinder fuel injection pump. I. J. Allen. 2,439,879, Apr. 20.
Multiple fluid proportioning pump. W. N. Fenney. 2,440,196, Apr. 20.
Natural axes of quartz crystal sections, Method of and apparatus for locating the direction of. G. W. Willard. 2,439,836, Apr. 20.
Necktie holder. W. Schwiering. 2,440,024, Apr. 20.
Nonporous polytetrafluoroethylene articles, Preparation of. J. Alfthan. 2,440,190, Apr. 20.
Nozzle for internal-combustion engines, Injection. W. Voit. 2,439,832, Apr. 20.
Oil-ring and flood-lubricated bearing. J. V. Tercho. 2,439,955, Apr. 20.
Oiler, Air-line. R. D. Snyder. 2,439,910, Apr. 20.
Oils, Treatment of drying. H. G. Berger, G. S. Crandall, and J. F. Socolofsky. 2,440,000, Apr. 20.
Optimum economy operation of internal-combustion engines, Method and apparatus for. A. S. Atkinson. 2,439,788, Apr. 20.
Oscillator control circuit. D. L. Hings. 2,439,890, Apr. 20.
Oxidation of benzene to phenol with an organic promoter. R. H. Krieble and W. I. Denton. 2,440,233, Apr. 20.
Oxidation of benzene to phenol promoted by added ethers. R. H. Krieble and W. I. Denton. 2,440,234, Apr. 20.
Oximeter having selective control means for multiple channels, Single knob. G. A. Millikan. 2,439,857, Apr. 20.
Package. L. L. Salfisberg. 2,440,022, Apr. 20.

Packaging machine, Tablet. F. J. Kendle. 2,439,977, Apr. 20.
Packer, Bearing. C. W. Ginter. 2,439,688, Apr. 20.
Pad: *See*—
Shoulder pad.
Pantie, Chafe. P. E. Rosenblatt. 2,440,021, Apr. 20.
Pattern control means for knitting machines. T. R. Ryan. 2,439,990, Apr. 20.
Perch cleaner and holder for mite attracting material, Combined bird cage. E. N. Snyder. 2,439,873, Apr. 20.
Permanent waving apparatus. A. E. Stroll. 2,440,188, Apr. 20.
Phenol, Making. R. H. Krieble and W. I. Denton. 2,439,812, Apr. 20.
Photographs, Producing colored. H. T. Neumann. 2,439,901, Apr. 20.
Picker. G. J. Muller. 2,440,182, Apr. 20.
Picker with gaseous suspension and sifting, Peanut. D. F. Good. 2,440,197, Apr. 20.
Pig mold. G. E. Steudel. 2,439,875, Apr. 20.
Pigments, Extracting. J. M. Tabor, H. F. Seibert, and P. R. Frohring. 2,440,029, Apr. 20.
Pipe coupling. J. H. Krooss. 2,439,979, Apr. 20.
Plastic sheet, Reticulately puckered laminated N. J. Brown. 2,440,039, Apr. 20.
Plate, Removable bone. C. H. Smith. 2,440,123, Apr. 20.
Player-operated means for positioning pins of bowling alleys. J. E. Laferriere. 2,440,013, Apr. 20.
Plowing mechanism. M. Howard. 2,440,174, Apr. 20.
Pole holder. M. E. Disotell. 2,439,847, Apr. 20.
Polishing implement with work face consisting of replaceable fabric sheets. J. H. Ludwick. 2,440,014, Apr. 20.
Polymers and copolymers of alkoxy acrylic esters. M. Hyman, Jr., and P. H. Johnson, Jr. 2,440,092, Apr. 20.
Pool, Open-air swimming. O. Saladin. 2,439,866, Apr. 20.
Power plant of jet propulsion type, Aircraft. P. E. Mercier. 2,439,817, Apr. 20.
Power transmission. V. E. Matulaitis. 2,440,055, Apr. 20.
Press: *See*—
Drill press. Utility press.
Pressure-detecting covering. W. C. Green. 2,440,198, Apr. 20.
Pressure regulator for instrument housings. F. D. Braddon. 2,439,793, Apr. 20.
Projector and viewer, Picture. H. Roger. 2,439,987, Apr. 20.
Projector, Motion-picture. R. J. Miller. 2,439,981, Apr. 20.
Propeller blades, Producing. F. B. Stulen. 2,440,127, Apr. 20.
Propeller with variable pitch, Reversible. C. Hautier. 2,440,046, Apr. 20.
Protective system for a direct-current load circuit, Overcurrent. D. E. Maxwell. 2,440,108, Apr. 20.
Protector applying and installing apparatus, Drill pipe. A. M. Graham. 2,440,009, Apr. 20.
Pump: *See*—
Fuel pump. Multiple fluid proportioning pump.
Hydraulic pump.
Multicylinder fuel injection pump.
Pump for hydraulic jacks. H. E. Page. 2,440,060, Apr. 20.
Pump for liquefied gases. C. R. Anderson. 2,439,957–8, Apr. 20.
Pump for liquefied gases, Reciprocating. C. R. Anderson. 2,440,216, Apr. 20.
Pumping mechanism. I. E. Dearsley. 2,439,796, Apr. 20.
Punching machine, Cigar. S. Reso. 2,440,156, Apr. 20.
Push-button switch. J. L. Andrews. 2,440,063, Apr. 20.
Quick release increasing the gap between disks upon entry of uncrushables. J. A. Eldridge. 2,440,171, Apr. 20.
Radiator, electrically heated space. H. J. Morton. 2,439,945, Apr. 20.
Radio cabinet and speaker mounting. G. F. Devine. 2,440,078, Apr. 20.
Railroad car refrigerated by dry ice and a secondary refrigerating system. W. M. Keller. 2,440,098, Apr. 20.
Railway, Overhead. R. J. Rennie, 2,439,986, Apr. 20.
Rayon, Production of viscose. F. R. Millhiser. 2,440,057, Apr. 20.
Reamer, Expansible. R. G. Fear. 2,439,968, Apr. 20.
Rectifier system. R. Lee and C. K. Hooper. 2,439,938, Apr. 20.
Rectifying network for measuring alternating currents. L. Jofeh. 2,440,200, Apr. 20.
Reel: *See*—
Thread advancing storage, and stretching reel.
Refractory and making same. C. C. Silverberg. 2,440,187, Apr. 20.
Refrigerating machine. A. d'Halloy. 2,440,079, Apr. 20.
Regulating device. I. E. Wiegers. 2,440,034, Apr. 20.
Relay, Reactance type. A. C. Mehring. 2,439,944, Apr. 20.
Resiliently mounted cultivator tool. T. Brown. 2,439,921, Apr. 20.
Resin from phenol, formaldehyde, saturated and unsaturated hydrocarbons, and rosin. F. Rostler and L. Bornstein. 2,439,824, Apr. 20.
Resins, Low-loss thermosetting. J. Swiss and N. C. Foster. 2,439,953, Apr. 20.
Respirator. J. C. Mortensen. 2,439,855, Apr. 20.
Riboflavin solution. A. E. Knauf and F. J. Kirchmeyer. 2,440,050, Apr. 20.
Roll, Conductor. E. R. Muddiman and W. E. Winterhalter. 2,439,858, Apr. 20.
Root mean square voltage measuring circuit. G. H. Brown and W. C. Morrison. 2,440,004, Apr. 20.
Rosin, Decolorizing gum. W. B. Logan. 2,440,204, Apr. 20.
Rosin, Treatment of. A. W. Hixson and R. Miller. 2,439,807, Apr. 20.
Rotary type shiftable fastener. W. I. Jones. 2,439,975, Apr. 20.
Safety device, Sewing machine. A. R. Wood. 2,440,227, Apr. 20.
Salt shaker. T. R. Duncan. 2,439,799, Apr. 20.
Sash latch. L. H. Smith. 2,440,026, Apr. 20.
Saw, Two-man portable power. G. A. West. 2,440,033, Apr. 20.
Scoring device consisting of incline ladder structure and folding standard therefor. D. E. Thompson. 2,440,129, Apr. 20.
Screw driver conditioner. G. E. Brulport. 2,439,839, Apr. 20.
Seal, Fluid. C. D. Peterson and A. H. Deimel. 2,440,155, Apr. 20.
Seal for shaft-bearings, Water. E. H. Anderson. 2,439,917, Apr. 20.
Seal, Jet shaft. F. C. Wallace and R. E. Foster. 2,440,032, Apr. 20.
Sealing and reinforcing cartons with tape and the tape as an article of manufacture. L. Davis and E. C. Tuukkanen. 2,440,193, Apr. 20.
Sealing coaxial structures. L. C. Werner and W. S. Lund. 2,439,916, Apr. 20.
Seam for utility bags, Reinforced corner. P. Benenfeld. 2,440,138, Apr. 20.
Seat: *See*—
Sterilized toilet seat.
Securing device. O. W. Thrailkill. 2,439,995, Apr. 20.
Separator with vertical classifying current, Trough. C. H Kear. 2,440,097, Apr. 20.
Shaft bearing. W. R. Freeman. 2,439,971, Apr. 20.
Shaver, Dry. H. E. Page. 2,440,114, Apr. 20.
Shaver, Power driven dry. H. E. Page. 2,440,061, Apr. 20.
Sheet material, System of forming. I. L. Lesavoy. 2,439,939, Apr. 20.
Shock absorbing mechanism for railway draft riggings, Friction. G. E. Dath. 2,439,843, Apr. 20.
Shock absorbing mechanism, Friction. J. J. Krob. 2,439,937, Apr. 20.
Shoes, Making platform. E. E. Murphy. 2,439,900, Apr. 20.
Shoulder pad. F. Schulman. 2,439,991, Apr. 20.
Shoulder pad. S. Schwartz. 2,440,121, Apr. 20.
Shoveling machine, Mechanical. C. E. Stoltz. 2,439,912, Apr. 20.
Silver halide emulsions, Stabilized. F. W. H. Mueller. 2,440,110, Apr. 20.
Silver halide emulsions, Stabilized. F. W. H. Mueller 2,440,206, Apr. 20.
Slide fastener. H. M. Frank. 2,440,007, Apr. 20.
Slide fastener. M. Grabol. 2,440,086, Apr. 20.
Snubbing means. G. E. Dath. 2,439,925, Apr. 20.
Sorting machine, Mail. I. Becker. 2,439,790, Apr. 20.
Spark gap. H. E. Oles. 2,440,154, Apr. 20.
Spark gaps and products thereof, Making. H. E. Oles. 2,440,153, Apr. 20.
Spigot, Sanitary bottle. S. Nellson. 2,440,112, Apr. 20.
Spinning solution and making it. W. O. Israel. 2,440,094, Apr. 20.
Spray device, Lithograph. L. B. Goda, Sr. 2,440,084, Apr. 20.
Spreader and dispenser, Bobby pin. R. P. Sharp, Sr. 2,439,870, Apr. 20.
Spring edge construction, Upholstery. A. M. Bank. 2,439,789, Apr. 20.
Squeegee with blade-holding grip responsive to handle setting. J. Kind. 2,440,099, Apr. 20.
Staking machine. G. B. Spring. 2,440,213, Apr. 20.
Sterilized toilet seat. L. H. Davidson. 2,440,231–2, Apr. 20.
Sterilizing and disinfecting apparatus. H. C. Gould. 2,440,043, Apr. 20.
Stick, Picker. G. J. Muller. 2,440,161, Apr. 20.
Still with thermocompression of vapors, Multiple effect. R. O. Henszey. 2,440,173, Apr. 20.
Stocking dryer. M. Diamant. 2,440,169, Apr. 20.
Storm sash and casement window connector. J. Martin. 2,440,223, Apr. 20.
Sulfonamides, Preparing. A. H. Popkin. 2,440,117, Apr. 20.
Sulfuric acid reaction product of 2-mercapto-4,6,6-trimethyl thiazine. J. E. Jansen. 2,439,810, Apr. 20.
Support: *See*—
Extensible support.
Surgical drill. J. H. Giesen. 2,439,803, Apr. 20.

Switch: *See*—
Automatic electric switch. Frequency selecting Electric switch. switch.
Electronic audio switch. Push-button switch.
Synchronized oscillator circuit. W. E. Bradley. 2,440,073, Apr. 20.
Table: *See*—
Convertible space saving table.
Table cutlery handle. S. H. Barnes. 2,440,136, Apr. 20.
Tank: *See*—
Floating roof storage tank.
Temperature compensation means for fixed reactances in tunable circuits. T. A. Hunter. 2,439,809, Apr. 20.
Temperature controlling device, Fluid. L. E. Skelly and H. F. Brinen. 2,439,871, Apr. 20.
Terpene derivatives and producing the same. W. O. Israel. 2,440,093, Apr. 20.
Testing chamber. A. H. Heineman. 2,439,806, Apr. 20.
Textile materials, Manufacture of water-soluble. R. P. Roberts. 2,439,865, Apr. 20.
Thermostat. E. K. Clark. 2,439,795, Apr. 20.
Thiazine dimer. F. Swedish, Jr. 2,439,828, Apr. 20.
Thread advancing, storage, and stretching reel. R. A. O'Connell, Jr. 2,439,903, Apr. 20.
Time control device. H. F. Elliott. 2,440,142, Apr. 20.
Tire recapping machine. E. F. Green. 2,440,087, Apr. 20.
Tire repair device. N. Stevens. 2,439,876, Apr. 20.
Tire repair vulcanizing apparatus. H. T. Kraft. 2,439,896, Apr. 20.
Titanium oxide pigment production. J. L. Keats and J. H. Peterson. 2,439,895, Apr. 20.
Tool: *See*—
Limited torque tool.
Resiliently mounted cultivator tool.
Tools, Cooling. W. O. Haas, Jr. 2,439,927, Apr. 20.
Toy. A. H. Laidig. 2,440,177, Apr. 20.
Toy block. W. R. McLain. 2,440,205, Apr. 20.
Toy parachute. A. L. Ruthven. 2,439,989, Apr. 20.
Toy, Sand. O. Fisher. 2,439,800, Apr. 20.
Tractor steering control. A. N. Milster. 2,440,016, Apr. 20.
Traffic control system, Airway. N. D. Preston and F. B. Hitchcock. 2,439,948, Apr. 20.
Traffic controlling system, Airway. N. D. Preston and F. B. Hitchcock. 2,439,802, Apr. 20.
Transmission control mechanism. J. C. Auten. 2,440,217, Apr. 20.
Tris-(trimethylsilyl) borate and preparing the same. R. H. Krieble. 2,440,101, Apr. 20.
Trouser hanger. T. A. Bell. 2,440,066, Apr. 20.
Truck, Extensible hand. F. Higgins. 2,439,851, Apr. 20.
Tube: *See*—
Movable electrode tube.
Tumbler, Spinach. G. D. Gardner. 2,440,008, Apr. 20.
Tuning arrangement. C. G. Fick. 2,440,081, Apr. 20.
Tuning electron discharge devices. W. W. Rigrod. 2,439,908, Apr. 20.
Turbine, High-temperature elastic fluid. D. J. Bloomberg. 2,440,069, Apr. 20.
Turret for aircraft, Gunner's. J. G. Villepigue. 2,439,878, Apr. 20.
Twister, Wire. W. B. Mitchell. 2,440,058, Apr. 20.
2-mercapto thiazines and preparing same. J. E. Jansen. 2,440,095, Apr. 20.
Utility press. N. M. Marsilius. 2,440,054, Apr. 20.
Ultraviolet ray generator. C. E. Atkins. 2,439,787, Apr. 20.
Vacuum operated three-way valve. A. Rappl. 2,439,863, Apr. 20.
Valve: *See*—
Float valve. Vacuum operated three-way valve.
Lift check valve.
Valve construction, Filter by-pass. W. Kasten. 2,439,936, Apr. 20.
Valve for handling fluent materials, Alternate tipping. P. Pootjes. 2,430,861, Apr. 20.
Vapor-electric device. W. E. Pakala. 2,439,946, Apr. 20.
Vehicle having axleless trucks, Rail. H. F. Flowers. 2,439,801, Apr. 20.
Vehicle stop and directional signal, Combined. E. B. Hallman. 2,440,011, Apr. 20.
Vermin destroyer. G. A. Wilson. 2,440,214, Apr. 20.
Volt-ampere meter. H. C. Wendt. 2,439,835, Apr. 20.
Voltage doubler, Direct current. W. E. Peek. 2,439,860, Apr. 20.
Welder, Portable roller. W. A. Weightman. 2,439,834, Apr. 20.
Welder, Portable roller. W. A. Weightman. 2,439,915, Apr. 20.
Wells, Plugging. C. R. Wagner. 2,439,833, Apr. 20.
Wheel: *See*—
Metal wheel.
Wheel. C. S. Ash. 2,439,881, Apr. 20.
Wheel. F. C. Frank. 2,439,926, Apr. 20.
Wheel slip prevention mechanism for locomotives. C. K. Steins. 2,440,124, Apr. 20.
Wheel springing element. E. H. Piron. 2,439,906, Apr. 20.
Windshield structure for use in automotive vehicles employing antiglare light-polarizing illuminating and viewing means. C. J. T. Young. 2,440,133, Apr. 20.
Xanthopterin, Preparation of. G. H. Hitchings. 2,440,221, Apr. 20.

CLASSIFICATION OF PATENTS

ISSUED APRIL 20, 1948

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number = class, second number = subclass, third number = patent number

2— 181: 2,439,984
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3— 8: 2,440,075
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This list shows the correct classification of those patents wherein the classification given in the patent head has been changed.

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Classification of Designs

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D 3— 9:	Des. 149,373		8: Des. 149,349		Des. 149,347		Des. 149,362	D61— 1:	Des. 149,348	D85— 2:	Des. 149,326
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D 4— 4:	Des. 149,340	D26— 5:	Des. 149,364		Des. 149,383		Des. 149,359	D74— 1:	Des. 149,335	D86— 8:	Des. 149,393
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D 9— 2:	Des. 149,368	D33—14:	Des. 149,377		Des. 149,385		Des. 149,363	D80— 9:	Des. 149,376		Des. 149,379
D10— 8:	Des. 149,378	D34— 2:	Des. 149,390	D37— 1:	Des. 149,342	D46— 1:	Des. 149,380		Des. 149,381		Des. 149,386
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U. S. GOVERNMENT PRINTING OFFICE: 1948

Condition of Applications Under Examination at Close of Business Mar. 31, 1948

(Total number of applications awaiting action, excluding Trade-Mark Division, 153,548; Trade-Mark Division, 33,898. Oldest new case, Apr. 8, 1946; oldest amended, Mar. 4, 1946.)

DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action: New	Amended	Applications awaiting action
1. GOLDBERG, A. J., Food Apparatus; Closure Operators; Fences; Gates; Planters; Plows; Harrows and Diggers; Plant Husbandry; Scattering Unloaders; Baths, Closets, Sinks, and Spittoons; Sewerage.	June 28	July 16	3,632
2. HERRMANN, D., Fishing, Trapping and Vermin Destroying; Bee Culture; Dairy; Animal Husbandry; Presses; Tobacco; Textile Wringers; Butchering.	May 8	May 1	4,155
3. MARMELSTEIN, N., Metal Founding and Treatment; Metallurgy (Process and Apparatus)	†June 24	†Feb. 6	1,524
4. BISHOP, WALTER C., Conveyors; Hoists; Handling Apparatus; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Pneumatic Dispatch; Store Service; Mining, Quarrying, and Ice Harvesting.	Sept. 6	Aug. 2	3,636
5. ROBINSON, C. W., Harvesters; Acoustics; Sound Recording; Knotters	Apr. 27	Apr. 22	1,817
6. SURLE, H., Carbon Chemistry (part)	†June 2	†May 7	1,764
7. HANLIN, GEORGE, Optics; Photographic Apparatus	†June 2	†Feb. 11	1,820
8. IMUS, A. E., Furniture; Racks and Cabinets	June 28	May 13	4,120
9. BENSON, R. B., Pumps and Fans; Fluid and Fluid-Current Motors	Sept. 24	Apr. 24	2,341
10. ANDRUS, L. M., Radiant Energy (part, e. g., Portable Radio Sets, Radio Accessories, Detectors, Oscillation Generators, Wave Meters, Tuners); Music; Modulators; Piezo-electric Crystals.	†June 5	†Mar. 20	1,415
11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus.	†June 19	†July 14	833
12. SPINTMAN, S., Machine Elements (part); Engine Starters; Motor Control with Clutch or Brake; Transmission with Clutch or Brake.	†May 23	May 29	2,032
13. BEALL, T. E., Gear Cutting, Milling, Planing, Metal Working (part); Needle and Pin Making; Turning	June 14	May 9	2,498
14. FREEHOF, H. B., Metal Working (Bending; Sheet-Metal; Wire; Misc. Processes); Wire Fabrics; Farriery	†Apr. 4	†Feb. 26	1,223
15. HENKIN, B., Plastics; Plastic Block and Earthenware Apparatus; Glass	Nov. 13	May 3	1,965
16. LOVEWELL, N. N., Television; Telephony	†July 1	Oct. 31	1,870
17. HABECKER, LEON B., Paper Manufactures; Typewriters; Printing; Type Casting and Setting; Sheet Material Associating or Folding; Sheet or Web Feeding.	Sept. 26	July 24	1,887
18. KURZ, J. A., Motors, Expansible-Chamber Type; Power Plants; Speed Responsive Devices; Rotary Internal-Combustion Engines.	Sept. 27	May 8	1,771
19. PATRICK, P. L., Liquid and Gaseous Fuel Burners; Stoves and Furnaces	Aug. 16	Aug. 27	1,841
20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Undertaking; Bread, Pastry, and Confection Making; Bank Protection; Safes; Tents, Canopies, Umbrellas and Canes.	Sept. 3	Aug. 3	2,077
21. MADER, R. C., Textiles	July 31	†Mar. 17	1,210
22. CARPENTER, B. H., Aeronautics; Firearms; Ordnance	Nov. 2	July 19	1,906
23. LEWIS, J. B., Cash Registers; Calculators and Counters; Education	July 3	June 7	1,363
24. LUSBY, CHARLES, Apparel; Apparel Apparatus; Package and Article Carriers; Sewing Machines	†Mar. 4	†Jan. 4	2,363
25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Distillation.	†Mar. 5	July 24	1,776
26. YOUNG, R. R., Electricity—Generation and Motive Power	†July 1	July 30	1,430
27. JAMES, S., Brushing, Scrubbing; Fluid Treatment of Textiles (Apparatus); Liquid Treatment of Solids; General Cleaning; Ironing; Brush; Broom and Mop Making.	†Feb. 4	Sept. 18	3,094
28. SOLYOM, H. L., Heating; Metallurgical Apparatus; Internal-Combustion Engines (part); Clyinders; Pistons.	†Mar. 7	Dec. 7	1,203
29. SHKLARIN, J. B., Baggage; Cloth, Leather, and Rubber Receptacles; Button Making; Woodworking; Tools.	Nov. 12	June 28	2,980
30. BISHOFF, A., Automatic Temperature and Humidity Regulation; Illumination; Thermostats and Humidostats; Heating Systems; Ammunition and Explosive Devices.	†July 1	Aug. 10	2,391
31. DUNCOMBE, C. S., Mineral Oils; Carbocyclic or Acyclic Carbon Compounds (part)—e. g., Ketones, Aldehydes, Ethers, Hydroxy Compounds, Hydrocarbons, Halogenated Hydrocarbons.	†June 19	†June 19	2,141
32. LESH, KARL R., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation; Agitating; Wells; Earth Boring.	Oct. 26	May 14	2,909
33. KAUFFMAN, H. E., Bridges; Hydraulic and Earth Engineering; Building Structures; Roads and Pavements.	June 8	May 31	3,464
34. SAPERSTEIN, S., Electricity—Transmission to Vehicles; Railways; Track Sanders; Signals and Indicators.	Aug. 17	May 29	1,372
35. BROMLEY, E. D., Card and Sign Exhibiting; Dispensing; Filling and Closing Portable Receptacles; Ammunition and Explosive Charge Making.	Nov. 9	Aug. 9	2,952
36. McFADYEN, A. D., Automatic Weighers; Measuring and Testing; Force Measuring	May 14	Apr. 19	2,028
37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	†Apr. 28	Nov. 23	1,534
38. ARNOLD, D., Coating Processes and Apparatus; Coating or Plastic Compositions (part); Rubber	Dec. 19	Dec. 10	1,721
39. WHITNEY, F. I., Fluid-Pressure Regulators; Valves; Water Distribution	May 4	May 3	2,841
40. DRUMMOND, E. J., Receptacles (part); Packages	†Apr. 9	Aug. 21	2,994
41. HERTZ, M., Recorders; Check-controlled Apparatus; Coin Handling; Article Dispensing Cabinets; Deposit Receptacles; Buckles, Buttons, Clasps.	May 28	June 3	2,753
42. MARANS, H., Telegraphy (part); Electric Signaling; Electricity, Voltage Magnitude and Phase Control Systems; Variable Transformer and Reactor Structure.	†July 29	†July 2	913
43. STONE, I. G., Medicines, Poisons and Cosmetics; Explosive Compositions; Sugar and Starch; Bleaching and Dyeing; Fluid Treatment of Textiles; Hides, Skins and Leathers.	†June 7	†May 23	1,434
44. HARVEY, L. P., Refrigeration; Preserving	Apr. 8	Apr. 23	1,311
45. MANTER, W. B., Shafting and Flexible Shaft Couplings; Wheels, Tires, Axles and Wheel Substitutes; Lubrication; Bearings and Guides; Belt and Sprocket Gearing; Spring Devices; Land Vehicles (part); Spring, Weight and Horsepower Motors.	June 6	June 7	2,826
46. MUSHAKE, W. L., Concentrating Evaporators; Fluid Sprinkling, Spraying and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers; Kitchen and Table Articles.	Aug. 13	June 4	1,943

NOTE.—The dates given are 1946 except where † indicates 1947.

(Total number of applications awaiting action, excluding Trade-Mark Division, 153,548; Trade-Mark Division, 33,898. Oldest new case, Apr. 8, 1946; oldest amended, Mar. 4, 1946.)

DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application awaiting office action	Oldest amended application awaiting office action	Applications awaiting action
47. KANOF, WM. J., Motor Vehicles; Land Vehicles (part); Fluid Pressure Brakes	†May 23	Nov. 29	2,026
48. BERNSTEIN, S., Electricity, General Applications; Electric Igniters	Sept. 23	Oct. 5	1,573
49. SHEFFIELD, E. L., Drying and Gas or Vapor Contact with Solids; Ventilation; Liquid Separation or Purification.	†Jan. 30	Aug. 16	1,611
50. LEVIN, SAMUEL, Synthetic Resins	†June 18	Nov. 12	2,348
51. FRIEDMAN, M. H., Radiant Energy (part, e. g., Radio Transmission and Reception, Transmitters, Receivers, Antennae); Radiant Energy Communications.	†July 1	Sept. 16	1,848
52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Pipes and Tubular Conduits.	†Apr. 10	Aug. 17	3,884
53. BRINDISI, M. V., Label Pasting and Paper Hanging; Book Making; Manifolding; Printed Matter; Stationery; Paper Files and Binders; Cutlery; Closures, Partitions and Panels, Flexible and Portable.	Aug. 27	Apr. 8	3,745
54. STRACHAN, O. W., Electric Lamp and Discharge Devices, Systems, Structure, Manufacture and Repair; Light Sensitive Circuits; Ray Energy Applications.	†May 14	†Jan. 9	1,873
55. BOWEN, S. T., Artificial Body Members; Dentistry; Surgery; Toilet	†Feb. 26	Sept. 19	1,851
56. COCKERILL, S., Electrical and Wave Energy Chemistry; Paper Making; Acetylene; Gas Mixing	†June 9	†Apr. 17	1,173
57. NICOLSON, G. D., Toys; Amusement and Exercising Devices; Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks.	July 25	May 28	3,631
58. DOWELL, E. F., Abrading; Bottles and Jars; Stone Working; Making Metal Tools and Implements	†Apr. 28	Nov. 12	1,296
59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Heterocyclic Compounds (part).	Aug. 12	June 20	2,122
60. GLASS, R. L., Electricity—Heating; Welding; Furnaces; Battery Charging and Discharging; Consumable Electrode Lamp and Discharge Devices; Resistances and Rheostats; Prime Mover Dynamo Plants.	†June 3	Nov. 25	1,422
61. LANNAN, J., Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery; Boats, Buoys, Ships and Marine Propulsion.	Sept. 13	May 25	3,290
62. PUGH, E. C., Games; Tables; Mechanical Guns and Projectors	Sept. 23	June 12	1,564
63. WINKELSTEIN, A. H., Fermentation; Foods and Beverages; Heterocyclic Compounds (part); Oils and Fats.	†May 17	†Feb. 5	1,470
64. NASH, P. M., Compositions—Coating or Plastic (part); Fuel and Miscellaneous	†Aug. 5	†Aug. 5	1,836
65. McDERMOTT, F. P., Batteries; Electrical Conductors, Conduits, Insulators and Connectors	†July 29	†Feb. 26	1,034
66. LISANN, I., Geometrical Instruments	June 6	Mar. 4	2,240
67. KRAFFT, C. F., Laminated Fabrics; Photographic Processes and Products; Ornamentation	Oct. 19	Aug. 9	2,029
68. BERMAN, H., Brakes, Boring and Drilling; Clutches and Power Stop Control	†May 2	Nov. 22	1,578
69. GALVIN, D. J., Electricity—Wave Transmission, Repeaters and Relays (e. g., Amplifiers), Galvanometers and Meters.	†July 8	Aug. 17	925
TRADE-MARKS: MERCHANT, J. H	†July 9	†Sept. 8	33,898
DESIGNS: BREHM, G. L	July 26	†Oct. 20	8,067

NOTE.—The dates given are 1946 except where † indicates 1947.

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE CROSKEY ET AL.

No. 5348. Decided January 6, 1948. Petition for rehearing denied February 10, 1948

[— F.2d —; 76 USPQ 389]

REISSUE—DELAY IN FILING—ACT OF AUGUST 5, 1939, AMENDING R. S. 4886 CONSTRUED.

Where appellant filed a reissue application with broadened claims more than one year after the granting date, but the original application was filed prior to the effective date of the act of Aug. 5, 1939, amending R. S. 4886 to change the time bars from two years to one year, *Held* that, because of the proviso contained in Sec. 2 of that act, applications filed prior to the effective date of the act and patents issuing thereon, regardless of their date, are to be governed by the law in effect prior to the effective date of the amendments.

APPEAL from the Patent Office. Serial No. 509,910. REVERSED.

Ernest F. Mechlin (*Henry K. Muir* of counsel) for Croskey.

W. W. Cochran (*E. L. Reynolds* of counsel) for the Commissioner of Patents.

JACKSON, *J.:*

This appeal is from a decision of the Board of Appeals of the United States Patent Office affirming that of the Primary Examiner finally rejecting all of the claims 1 to 8 inclusive, 10 and 15 to 18 inclusive of an application, Serial No. 509,910, filed November 11, 1943, for the reissue of a patent, No. 2,287,976, dated June 30, 1942, on an application, Serial No. 342,798, filed June 27, 1940.

The sole question before us is one of law. Therefore, it is not necessary to consider the disclosure of the application or that of the cited reference, a patent to Stettinius et al. 2,327,972, dated August 24, 1943.

In its decision, the Board held, as did the Examiner, that there was "laches by delay in filing the reissue application," and because of such holding affirmed the decision of the Examiner in rejecting the claims on the reference. In other words, the decision of the Board, rejecting on the reference, was contingent upon its holding of so-called "laches" in filing the application. Therefore, our decision on the ground of undue delay is determinative of the case. It is admitted that if that doctrine applies, the rejection on the reference is proper.

The application for reissue of the patent in addition to claims 1 to 4 inclusive, being claims in appellants' original patent, contains several claims copied from the Stettinius et al. patent for the purpose of interference. The claims herein are concededly broader than the claims of the patent sought to be reissued.

On February 9, 1944, an interference, No. 81,347, was declared between the reissue application and the Stettinius et al. patent. A motion was made by counsel for Stettinius et al. to dissolve the interference on various grounds, one of which was that the count thereof was barred to appellants by reason of "unreasonable delay and laches in presenting the same."

By an Act of Congress approved August 5, 1939, 53 Stat. 1212, sections 4886, 4887, 4920 and 4929 of the Revised Statutes were amended, and section 2 was added to section 4886, reading as follows:

> Sec. 2. This act [amending sections 4886, 4887, 4920, and 4929 of the Revised Statutes (U. S. C., title 35, secs. 31, 62, 69, and 73) by changing "two years" to "one year"] shall take effect one year after its approval and shall apply to all applications for patent filed after it takes effect and to all patents granted on such applications: *Provided, however, That all applications for patents filed prior to the time this act takes effect and all patents granted on such applications are to be governed by the statutes in force at the time of approval of this act as if such statutes had not been amended.* [Italics ours except for the first two italicized words.]

It will be noted that the effective date of the act is by its terms August 5, 1940.

The Board in its decision stated as follows:

> The changes made in Revised Statutes 4886, 4887, 4920 and 4929 all refer to time bars arising before the date of filing of an application which may become a patent. No bars are here involved which did or could have arisen before the filing of the application which matured to [sic] applicants' patent. The only bar under consideration is the alleged laches by delay in filing the reissue application. The act relied on does not mention reissue applications, either explicitly or in our opinion, by inference. The rule against laches in reissuing was drawn by the courts by analogy to the time interval of the public use bar, and applies only to the interval between the grant of a patent and the filing of a reissue application. It follows that applicants should have shown "special circumstances" for delay beyond the one year limit and not having shown them, claims 5 to 8, 10 and 15 to 18 are properly rejected for laches.
>
> Applicants admit that if the rejection for laches be proper, all claims are met by the Stettinius patent. Having held as above, we affirm the rejection on Stettinius.

Appellants' contention below and here is, since their original application was filed June 27, 1940, which is a date prior to the effective date of the amendments, that under the provision of sec. 2 of section 4886, supra, the term of two years within which to file an application for the reissue of their patent is proper.

In the Solicitor's brief it is stated that "It does not appear to be urged by the appellants that their excuse for the delay is sufficient, if the critical period

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is one year, and it has not been asserted by the Patent Office that the excuse is insufficient if the critical period is two years."

It is true, as stated by the Board of Appeals, that none of the statutes hereinabove referred to relates to reissued patents or the application for the issue thereof. The amendments, as the Board properly stated, had reference to the bar of time arising prior to the filing date of an application for a patent. The maximum time within which an invention could be in public use, on sale, or disclosed in a printed publication prior to the filing date of an application for a patent was shortened from "two years" to "one year." However, it is clearly provided in the act that * * * all applications for patents filed prior to the time this act takes effect [August 5, 1940] and all patents granted on such applications are to be governed by the statutes in force at the time of approval of this act [August 5, 1939] as if such statutes had not been amended."

It is clear to us that appellants' original application and his patent should be governed by the statutes in force prior to the effective date of the amendment.

There is no statutory requirement limiting the time within which a broadened reissue of a patent may be sought. There never has been any such statute. The Board correctly stated that the rule against laches in the filing of an application for reissue of a patent "* * * was drawn by the courts by analogy to the time interval of the public use bar, * * *."

That analogy was first made in the opinion of the Supreme Court in the case of *Miller* v. *Brass Company*, 104 U. S. 350, 21 O. G. 201. The principle was there laid down that the period fixed by statute within which an application for a patent could be filed, after two years public use of the invention, should likewise limit the delay, after a patent had issued, in filing an application for reissue with broader claims, in the absence of a compelling showing excusing such delay. The Court stated:

> If two years' public enjoyment of an invention with the consent and allowance of the inventor is evidence of abandonment, and a bar to an application for a patent, a public disclaimer in the patent itself should be construed equally favorable to the public. Nothing but a clear mistake, or inadvertence, and a speedy application for its correction, is admissible when it is sought merely to enlarge the claim.

That rule has been consistently followed. See *Mahn* v. *Harwood*, 112 U. S. 354, 30 O. G. 657; *Chapman et al.* v. *Wintroath*, 252 U. S. 126, 272 O. G. 913; *Sontag Chain Stores Co., Ltd.* v. *National Nut Company of California*, 310 U. S. 281, 523 O. G. 805; and the many cases cited in Walker on Patents, Deller's Edition, Volume Two, page 1369. From the opinion in the case of *Mahn* v. *Harwood*, supra, we quote from page 363 as follows:

> In *Miller* v. *The Brass Company*, by analogy to the law of public use before an application for a patent, we suggested that a delay of two years in applying for such correction should be construed equally favorable to the public. But this was a mere suggestion by the way, and was not intended to lay down any general rule. Nevertheless, the analogy is an apposite one, and we think that excuse for any longer delay than that should be made manifest by the special circumstances of the case.

Of course, in view of the amendments referred to herein and following the rule of law set forth in the above cited cases, it would seem with respect to such applications and to patents granted thereon that an application for reissue, unless made manifest by the special circumstances of the case, would have to be made within one year after the date of the patent.

It appears clear to us (and as far as our research and information goes it is a case of first impression) that because of the proviso contained in sec. 2, supra, applications filed prior to the effective date of the act and patents issuing thereon, regardless of their date, are to be governed by the law in effect prior to the effective date of the amendments.

While sec. 2, supra, is clear and in our opinion does not require extrinsic aid in its construction, it may be stated that an examination of the legislative history confirms our view in that respect. A report accompanying H. R. 6872 made by Mr. Kramer of the Committee on Patents of the House of Representatives, Report No. 961, 76th Congress, 1st Session, contains the following:

> TIME OF TAKING EFFECT
>
> • • • • • • •
>
> The proposal will apply only to applications for patent filed after the law takes effect, and to patents granted on such applications; it will not apply to patents granted before it comes into effect, nor to applications filed before that date and patents granted on such applications.

Senator Lucas of the Senate Committee on Patents made a report in identical words on the same act, Calendar No. 916, Report No. 876, 76th Congress, 1st Session.

While it is quite true that there is nothing in the amended statutes concerning applications for reissue, it should likewise be noted that in the same statutes prior to amendment there was nothing concerning reissue.

Section 4916 of the Revised Statutes (U. S. C., title 35, sec. 64) is the statutory authority under which reissue patents may be granted. That section is the same now as it was prior to the effective date of the act, August 5, 1940. If under the statutes prior to that time it was an established principle of law, as laid down by the Supreme Court, that the time of public use, or sale, or publication for a period of two years is applicable as a bar to the filing of a reissue application in the absence of special circumstances, surely, in view of the proviso of sec. 2, it is the law now with respect to all applications filed prior to the effective date of said amendments and to patents granted thereon. We can not see why an application for the reissue of a patent, such as is before us, should be excluded from the advantages flowing from the law governing applications filed before the effective date of the act of 1939, supra, by reason of the fact that reissue was not sought until subsequent to that date.

The Board in its decision made reference to the case of *Ryder et al.* v. *Coe*, 64 USPQ 365, decided by the U. S. District Court, District of Columbia, on February 15, 1945, and stated that although the facts herein are not identical with those in that case, it may be concluded as a matter of law that after the expiration of one year from the grant of a patent all the tests of "special circumstances" are to be made with respect to the reissue application with broadened claims as had been formerly applied after two years. The Solicitor in his brief contends that the Ryder case, supra, is directly in point here in that it involved an application for the reissue of a patent granted after the effective date of the act on an application filed prior thereto. There as here the time elapsing between the issue of the patent and the filing of the reissue application was about the same and the court found that the critical period to be applied there was one year rather than two. It is stated by the Solicitor that counsel for the plaintiff in his trial brief made the following statement:

> As stated in the amendment to section 4886 R. S. Congress specifically provided that applications for patents filed prior to the time this act takes effect (August 5, 1940) and all patents granted on such applications, are to be governed by the statutes in force at the time of the approval of this act as if such statutes had not been amended, and in the present case the Ryder application resulting in Patent No. 2,215,254 was filed May 2, 1936.

However, we find that the above quotation seemingly was not relied upon by the plaintiff and apparently there was no explanation of nor argument on the applicability of the proviso clause of sec. 2, supra. The issue there for determination was whether "special circumstances" had been shown excusing delay which the Patent Office regarded as being unreasonable. On that issue, and that issue alone, the court ruled against the plaintiff. We are of opinion, therefore, that the Ryder case, supra, is not applicable to the facts and circumstances here.

For the reasons herein stated, the decision of the Board of Appeals is reversed.

REVERSED.

BLAND, *J.*, sat during the argument of this case, but resigned before the opinion was prepared.

PATENT SUITS

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,427,771, G. M. Ball, Parachute vent; 1,427,772, same, Fabric structure for parachute and aerostats and method of constructing same; 1,511,154, same, Parachute; 1,554,192, same, Parachute pack; 1,560,366, same, Parachute harness, filed Sept. 25, 1945, D. C., W. D. N. Y., Doc. 2586, *G. M. Ball* v. *Irving Airchute Co., Inc.* Stipulation and order of discontinuance Jan. 8, 1948.

1,427,772. (See 1,427,771.) 1,511,154. (See 1,427,771.)

1,554,192. (See 1,427,771.) 1,560,366. (See 1,427,771.)

1,790,611, M. Vitoux, Knitting needle; 1,811,524, same, Needle for repairing knitted articles; 1,871,099, same, Needle-holding handle; 1,897,452, same, Machine for operating relooping tools, D. C. N. J., Doc. 10122, *American Vitos Co., Inc.*, v. *F. Trichese et al.* (Dismissed for failure to proceed Mar. 16, 1948.)

1,811,524. (See 1,790,611.) 1,871,099. (See 1,790,611.)

1,892,426, 1,894,032, 1,919,690, R. L. Evans, Method of and means for permanently waving hair; 2,051,063, F. M. Winkel, Hair waving unit; 2,196,201, Evans and McDonough, Heat indicator; 2,151,692, same, Means for waving hair, filed May 19, 1941, D. C., N. D. Ill., E. Div., Doc. 2977, *Sales Affiliates, Inc.*, v. *National Mineral Co.*

1,894,032. (See 1,892,426.) 1,897,452. (See 1,790,611.)

1,919,690. (See 1,892,426.)

1,996,143, W. E. Callison, Amusement device, D. C., N. D. Ill., E. Div., Doc. 47c1229, *W. E. Callison* v. *D. Gottlieb & Co.* Complaint and counterclaim dismissed with prejudice Mar. 16, 1948.

1,996,634, V. G. Vaughan, Water heater control system, filed Mar. 11, 1948, D. C., N. D. Calif., S. Div., Doc. 27951-H, *Westinghouse Electric Corp.* v. *Addison Furniture Co.*

2,051,063. (See 1,892,426.) 2,151,692. (See 1,892,426.)

2,179,655, R. W. Cutler, Drive belt for textile spindles, filed Mar. 10, 1948, D. C. R. I., Doc. 863, *Cutler Textiles, Inc.*, v. *Hope Webbing Co.*

2,196,201. (See 1,892,426.)

2,197,615, D. J. Kellman, Ornamental articles and method of making same; 2,248,572, same, Apparatus for making ornamental articles; 2,414,378, same, Decorative ornament, filed Mar. 10, 1948, D. C. R. I., Doc. 862, *D. J. Kellman* v. *Miller Electric Co.*

2,200,349, B. Walker, Venetian blind, filed Mar. 12, 1948, D. C., N. D. Calif., S. Div., Doc. 27,956-R, *Sunset Venetian Co. et al.* v. *B. Walker.*

2,248,572. (See 2,197,615.)

2,256,803, E. Hauser, Antenna system for a radio receiving set, filed Mar. 1, 1948, D. C., S. D. N. Y., Doc. 45/102, *E. Hauser* v. *Freed Radio Corp.* Stipulation of discontinuance (notice Mar. 15, 1948).

2,278,074, G. F. Hauf, Flexible pipe joint, D. C., N. D. Ill., E. Div., Doc. 46c1486, *Chicago Metal Mfg. Co.* v. *National Metal Fabricators et al.* Cause dismissed with prejudice Mar. 12, 1948.

2,414,378. (See 2,197,615.)

Re. 19,694, W. Ernst, Hydraulic motor control means, D. C., W. D. N. Y., Doc. 676, *The Hydraulic Press Mfg. Co.* v. *E. W. Bliss Co. et al.* Order dismissing action with prejudice Jan. 19, 1948.

Re. 20,586, Ponting & Kilwer, Elevator bucket, D. C., N. D. Ill., E. Div., Doc. 47c1748, *B. I. Weller Co.* v. *Screw Conveyor Corp.* Cause dismissed on stipulation Mar. 8, 1948.

Des. 109,640, F. C. Kimmel, Electric broiler, D. C., W. D. N. Y., Doc. 2815, *Rochester Kimmel Co.* v. *Sibley, Lindsey & Curr Co.* Order dismissing case without prejudice for lack of prosecution Nov. 12, 1947.

Des. 147,040, A. E. Frontier, Table lamp; Des. 148,905, R. O. Bextel, Combination lamp and potted plant bowl, counterclaim filed Mar. 15, 1948, D. C., N. D. Ill., E. Div., Doc. 47c1610, *Advance Lamp Co.* v. *Lambex Specialties Lamp Mfg. Co. et al.*

Des. 147,368, M. B. Levoy, Spectacle frame, filed Mar. 10, 1948, D. C. N. J., Doc. 11137, *M. B. Levoy* v. *Sun Glass Industries, Inc.* Doc. 11138, *M. B. Levoy* v. *Fashion-Zyl Co., Inc.*

Des. 148,126, P. Bardach, Jewelry clasp, filed Mar. 12, 1948, D. C. R. I., Doc. 864, *Turiet & Bardach* v. *Jean-Art Co., Inc.*

Des. 148,905. (See Des. 147,040.)

T. M. 344,122, The Barbasol Co., Paste-like preparation for shaving, D. C., N. D. Ill., E. Div., Doc. 44c537, *The Barbasol Co.* v. *Eaton Laboratories.* Consent judgment enjoining defendant from infringing Mar. 12, 1948.

NOTICES

Disclaimers

1,938,548.—*Herbert E. Tautz*, Milwaukee, Wis. MACHINE TABLE EXTENSION. Patent dated Dec. 5, 1933. Disclaimer filed Mar. 18, 1948, by the assignee, *Rockwell Manufacturing Company.*

Hereby enters this disclaimer to claim 8 in said specification.

2,145,577.—*Jean A. H. Barkeij*, Altadena, Calif. COMBUSTION CHAMBER IN CYLINDER HEADS OF INTERNAL COMBUSTION ENGINES. Patent dated Jan. 31, 1939. Disclaimer filed Jan. 26, 1948, by the inventor.

Hereby enters disclaimer to the third object, mentioned in lines 7 to 10, page 1, column 2.

Further enters disclaimer to—9 that in the larger chamber—in lines 44–45, same column, and to—in chamber 6—in lines 14–15, page 2, column 1, and to—various objects are shown in various—in line 27, page 1, column 2, and to—but they all—in lines 28–29, same column.

Further limits the scope of claims 1, 2, 3 by disclaimer to non-simultaneous firing—in view of the disclaimed fifth object of the first disclaimer and the application thereof on drawings, description, and claims and in view of the lines 48 to 52, page 2, column 1, of description.

And he further limits the interval of non-simultaneous firing to the range of 2° to 12° crankshaft rotation.

And further limits the scope of the claims 1 and 2 for so far as concerns the location of the second sparkplug to a position closer to the edge of the inlet valve than to the edge of the exhaust valve on account of the diametrically opposite position of the second sparkplug with respect to the first sparkplug as defined in said claims, and further to a position in an auxiliary chamber as shown in Fig. 1a.

And further limits the scope of the claim 3 for so far as concerns the second sparkplug to a position closer to the edge of the inlet valve than to the edge of the exhaust valve, and limits the words—similarly situated—solely to a position in another auxiliary chamber as shown in Fig. 1a, and not to a position of the second sparkplug also closer to the exhaust valve than to the inlet valve as was claimed in the disclaimed claim 4, which referred to claim 3, and therefore limited to claim 3 to such a position.

And further limits the sequence of the non-simultaneous firing of the two sparkplugs to a sequence described in the description, in which the ignition is initiated in the hottest part of the chamber where the exhaust valve is located.

2,173,081.—*Jean A. H. Barkeij*, Altadena, Calif. INTERNAL COMBUSTION ENGINE. Patent dated Sept. 12, 1939. Disclaimer filed Jan. 26, 1948, by the inventor.

Hereby limits the firing interval of the spark ignition types in this patent to a firing interval between 2° and 12° or 15° crankshaft rotation, called—substantially simultaneous firing—in the description lines 68, column 2, page 6, to line 14, column 1, page 7 ending with the words, —may be fired substantially simultaneously—, that is an interval of 2° to 12° or 15° crankshaft rotation, in the claims of this patent. That means he does not limit the interval for other types described.

Hereby limits the scope of all the claims herein as far as the spark-ignition type is concerned, ---------- and the location of the second spark-ignition-means is concerned, firing substantially later on in general with an interval, to a position in an auxiliary chamber as clearly shown by numeral 6a in Fig. 1 and 41 in Fig. 3, and without limiting the location of the fuel-injection means for the combined spark-ignition-fuel-injection types, or the double-fuel-injection types.

The expression—substantially ahead—in the claims is limited to between 2° and 12° or 15° crankshaft rotation for spark ignition types and this interval may be also called—substantially simultaneously—if preferred, without referring this expression to page 1, column 1, hereof in relation to the engines of Saives and Werner, but referring to lines 9 to 15 on page 7, column 1 using the same expression, which refers to the present engines.

2,191,746.—*Jean A. H. Barkeij*, Altadena, Calif. COMBUSTION CHAMBER IN CYLINDER HEADS OF INTERNAL COMBUSTION ENGINES. Patent dated Feb. 27, 1940. Disclaimer filed Feb. 26, 1948, by the inventor.

Hereby enters disclaimer to page 2, column 1, —9 in the larger chamber—, lines 24–25, page 2, column 1, in lines 66–67, to —in chamber 6—, in line 4 same column to —various objects are shown in various—, and to —but they all— in lines 5–6 same column.

Hereby limits the scope of claims 1, 2, 3 to non-simultaneous firing in view of the prior disclaimers and in view of description in lines 28 to 33, page 2, column 2, and further limits the interval of non-simultaneous firing to the range of 2° to 12° crankshaft rotation, and preferably to the approximate center thereof which is about 6°.

And further limits the scope of claim 1 for so far as concerns the position of the second sparkplug, to a position closer to the edge of the inlet valve than to the edge of the exhaust valve on account of the diametrically opposite position of the second sparkplug with respect to the first sparkplug, which is closer to the edge of the exhaust valve.

And further limits the scope of claim 3 for so far as concerns the second sparkplug to a position closer to the edge of the inlet valve than to the edge of the exhaust valve, and limits the words—similarly situated—solely to a position in another auxiliary chamber communicating with the main chamber as shown in Fig. 1a, and not to a position also closer to the edge of the exhaust valve than to the edge of the inlet valve, as was claimed and subsequently disclaimed in claim 4, which limited claim 3 to such a position only and originally.

And further limits the sequence of the non-simultaneous firing to the sequence described in the description, in which the ignition is initiated in the hottest part of the chamber, where the exhaust valve is located.

2,300,416.—*Bror J. Grondal*, Watertown, and *Harry Morley Wylde*, Swampscott, Mass. SOAP AND PROCESS FOR MAKING SAME. Patent dated Nov. 3, 1942. Disclaimer filed Mar. 9, 1948, by the assignee, *Lever Brothers Company.*

Hereby enters this disclaimer of claims 2, 3, 4, 5, and 6 of said specification and that part of claim 1 thereof directed to cocoanut oil and palm kernel oil.

2,332,523.—*Elwood Norden*, Pelham, and *Arthur R. Weckel*, Freeport, N. Y. GROUND TRACK TRACER AND LANDING RECORDER. Patent dated Oct. 26, 1943. Disclaimer filed Mar. 18, 1948, by the assignee, *The Sperry Corporation.*

Hereby enters this disclaimer to claims 8, 9, 10, 11, 12, 13, and 14 of said patent.

2,413,185.—*William A. La Lande, Jr.*, Upper Darby, Pa. REMOVAL OF VOLATILE METAL HALIDES FROM FLUIDS. Patent dated Dec. 24, 1946. Disclaimer filed Mar. 24, 1948, by the assignee, *Porocel Corporation.*

Hereby enters this disclaimer to claims 3, 4, 7, 8, 11, and 12 of said patent.

Important Information

In ordering manuscript copies much time will be saved if the order states specifically what is desired, viz:

Application as originally filed. (Petition, specification, oath, and drawings, as received.) Application as amended. (Petition, specification, oath, and drawings with amendments entered.)

Application as allowed. (Petition, specification, oath, and drawings as passed by the Examiner for issue.)

Original application. (Facsimile petition, specification, oath, and drawings at present time.)

Specification as originally filed. (As received in Office.)

Specification as amended. (With amendments entered.)

Specification as allowed. (As passed by the Examiner for issue.)

Original specification. (Facsimile at present time.)

File-wrapper. (File-wrapper only.)

File-wrapper and contents. (File-wrapper, contents of record, including photoprints of any tracings or of prints within file-wrapper. In patented cases, printed copy of the specification and drawings of the patent is furnished.)

File-wrapper contents, and drawings. (File-wrapper and all of the contents of record, including photoprints of any tracings, exhibits, or prints within the file-wrapper. In pending cases, photoprints of the pending drawings only, omitting any canceled. If patented, copy of the specification and drawings of the patent being furnished, photoprints are not made of the original drawings unless specially ordered. If canceled drawings are wanted, they must also be specially ordered.)

Assignment. (Give the liber and page of the record as well as the name of the inventor.)

Printed publications in possession of the Office. (Give title and date of publication, also page and exact portion to be copied.)

Orders for copies of any other records not mentioned above must state specifically the exact paper to be copied.

Rule 72

RULE 72. After the completion of the application the Office will not return the specification for any purpose whatever. If applicants have not preserved copies of the paper which they wish to amend, the Office will furnish them on the usual terms.

The drawing may be withdrawn only for such corrections as cannot be made by the Office; but a drawing cannot be withdrawn unless a photographic copy has been filed and accepted by the Examiner as a part of the application. Permissible changes in the construction shown in any drawing may be made only by the Office and after an approved photographic copy has been filed. Sketches filed to show proposed changes in construction must be in permanent ink. (See Rule 30.) Substitute drawings will not be admitted in any case unless required by the Office.

Notice Regarding Payment of Fees

All fees must be paid in advance. Payment of money required for Office fees *must* be made in specie, Treasury notes, national-bank notes, post-office money orders, or certified checks. Money orders and checks must be made payable to the "Commissioner of Patents." Money sent by mail to the Patent Office will be at the risk of the sender. (See Rule 194.)

Certified checks, bank drafts, express and foreign money orders must be immediately negotiable in this country and for the full amount of the fee required by the Patent Office. No allowance can be made by this Office for any charge for their collection or exchange. Postage stamps will not be accepted. Failure to comply with the above instructions will cause delay.

Use of Patented Drawing in a Reissue

Upon receipt of an application for reissue and a request for the transfer of the drawings, from the original patent to the reissue application, applicant should be informed that a copy of the original patent or photoprints will be ordered and used as a drawing for purposes of examination and that if the reissue application is later allowed, a formal transfer of the drawings from the original patent to the reissue application will be made at the time of allowance.

Printed Copies of Trade-Marks

A printed copy of the drawing and statement of any registered trade-mark can be obtained for ten cents.

Drawings

RULE 38

38. When there are drawings, the description will refer to the different views by figures and to the different parts by letters or numerals (preferably the latter).

RULE 52—EXTRACT

(f) The different views should be consecutively numbered. Letters and figures of reference must be carefully formed. They should, if possible, measure at least one-eighth of an inch in height, so that they may bear reduction to one twenty-fourth of an inch; and they may be much larger when there is sufficient room. They must be so placed in the closed and complex parts of drawings as not to interfere with a thorough comprehension of the same, and therefore should rarely cross or mingle with the lines. When necessarily grouped around a certain part, they should be placed at a little distance, where there is available space, and connected by short lines with the parts to which they refer and by short broken lines when the number or letters refer to parts shown in dotted lines. They should not be placed upon shaded surfaces, and when it is difficult to avoid this, a blank space must be left in the shading where the letter occurs, so that it shall appear perfectly distinct and separate from the work. If the same part of an invention appears in more than one view of the drawing it must always be represented by the same character, and the same character must never be used to designate different parts.

It is suggested that numerals or letters be used without exponents.

Applicant's Address

The requirement of Rule 33, that the post-office address of the applicant must be stated in the petition, means that the applicant must give the post-office address at which he customarily receives his mail.

The rule was made in order that the Office in necessary cases might correspond directly with the applicant and not through his attorney. The address of the attorney with instructions to send communications to the applicant in his care will not be accepted as a compliance with this rule.

Photostat Copies

In ordering photostat copies of United States and foreign patents, when only the number of the patent is given, the whole patent, comprising specification and drawing, will be furnished, unless the order specifically states that the "specification only" or "drawing only" is required. Care should be taken in making out orders for foreign patents to give the year of the patent, as in old French and British patents the same number may appear in different years.

Cross-References in Cases Relating to Same Subject

RULE 43. When an applicant files two or more applications relating to the same subject matter of invention, all showing but only one claiming the same thing, the applications not claiming it must contain references to the application claiming it.

Amendment Filed by an Attorney Not of Record

When an amendment is filed, signed by an attorney whose power is not of record, he, as well as the applicant, should be notified that the amendment cannot be entered.

When the Examiner's letter is of such a character that the six months for amendment runs from the date of a previous action, a statement to that effect should be made at the end of the letter and the date from which the six months runs given.

Amendments to Amendments

RULE 74. When an amendatory clause is amended, it must be wholly rewritten, so that no interlineation or erasure shall appear in the clause, as finally amended, when the application is passed to issue. If the number or nature of the amendments shall render it otherwise difficult to consider the case or to arrange the papers for printing or copying, the Examiner or Commissioner may require the entire specification to be rewritten.

REGISTER OF PATENTS AVAILABLE FOR LICENSING OR SALE

(The "Groups" appearing after the patent abstracts are based on the Standard Industrial Classification Manual, Vol. I, Manufacturing Industries, Executive Office of the President, Bureau of the Budget)

Pat. 2,434,855. PROCESS OF COATING METAL ARTICLES. Patented Jan. 20, 1948. A plating composition in dry powder form for metal objects which produces a coating having the appearance and wearing qualities of good nickel plating applied by ordinary methods. Metal objects to be plated are rubbed with a wet rag sprinkled with the powder. Several layers may be built up and a high brilliancy obtained by further polishing with a wheel or rouge. Various compositions are given in which ferrous chloride, stannous chloride, powdered metallic zinc, potassium bitartrate, ammonium chloride, sodium chloride, nickel sulphate, copper sulphate, and nickel ammonium sulphate are the ingredients. The composition will keep for several months and may be packed in jars or airtight bags. (Owner) Jose L. Teran Kosterlitzky, Apartado 674, Guadalajara, Mexico. Group 34—72. Reg. No. 9,497.

Pat. 2,002,291. CONNECTER ELEMENT. Patented May 21, 1935. This patent shows a connector element which may be constructed as a plug or plug receptacle. As a plug, the device has a hollow head and a clamping portion, both of insulating material, which are threadedly fitted together. L-shaped blades are held between the two parts, the blades having an opening and slot at the inner end which receive the lead wires. The use of binding screws is eliminated and the plug may be assembled without the use of tools. The construction of the plug receptacle is somewhat similar. (Owner) C. D. Wood Electric Co., Inc., 70—17 83rd St., Glendale, Long Island, N. Y. Group 36—11. Reg. No. 9,498.

Pat. 2,433,664. FUEL PUMP. Patented Dec. 30, 1947. Fuel pump has a sectional cylindrical fuel reservoir with a plurality of parallel pumping cylinders formed on the lowermost portion of the reservoir at right angles thereto. The pistons are connected to plungers which are actuated by cam taps on a cam shaft. A hollow cylindrical rotary valve fitting snugly inside reservoir is provided with a plurality of ports, each adapted to register with a group of spaced ports in each cylinder. The valve may be manually adjusted to regulate the amount of fuel delivered into the cylinders to control engine speed. Hand-controlled pawls are provided for selectively holding the pistons in forward inoperative position to render any one or more pumping cylinders inactive. Each pawl is adapted to engage and disengage a collar below a spring surrounding each plunger. (Owner) George Hantjopoulos. Address correspondence to Victor J. Evans & Co., Merlin Bldg., 1503 21st St., N. W., Washington 6, D. C. Group 35—19. Reg. No. 9,499.

Pat. 2,429,879. WOOD-TURNING LATHE CLAMP. Patented Oct. 28, 1947. Clamp consists of a pair of adjacent plates connected for independent coaxial rotation. Radiating arms on one plate are pivotally connected at their outer ends to a like number of radiating arms pivoted to the other plate. Hook-shaped rim-engaging clamps are carried by the united ends of the arms. Provision is made for maintaining the plates in any one of a desired plurality of rotary relationships. With this clamp, partly finished bowls or the like may be reversed and a bead formed on the underside. (Owner) Valentine Gwatkin, 123 Humboldt Ave., St. Vital, Manitoba, Canada. Group 35—69. Reg. No. 9,500.

Pat. 2,433,159. COPYHOLDER FOR HOLDING BOOKS OR SHEETS. Patented Dec. 23, 1947. Copyholder may be used to support single sheets, books, manuscripts, or the like in proper position in back of a typewriter for copying. Line guides are provided to facilitate copying. Adjustment for proper line spacing may be made when holder is initially set. During copying, a key located adjacent typewriter keyboard is depressed to effect upward line by line movement of the sheet. A book is set for copying by placing it on a supporting platform in open position with the pages held flat by a yieldable clamping bar. A book line guide is then adjusted to underlie first line to be copied. By shifting a clutch the same key is used during copying to effect downward line by line movement of the book line guide. Shifting a lever adjacent the key reverses the actuating mechanism so that reverse movement to either the rollers or book line guide is effected when the same key is depressed. (Owner) Luis Alberto Villafuerte Rozas. Address correspondence to Victor J. Evans & Co., Merlin Bldg., 1503 21st St., N. W., Washington 6, D. C. Group 35—72. Reg. No. 9,501.

The following eight patents are owned by Thomas J. Hoy, 839 South 13th St., Newark 8, N. J.

Pat. 2,243,863. POPPET VALVE. Patented June 3, 1941. Groups 33—66; 35—11; 37—11—12. Reg. No. 9,502.

Pat. 2,243,864. CYLINDER CASTING OR CYLINDER BLOCK FOR STEAM ENGINES AND THE LIKE. Patented June 3, 1941. Groups 33—66; 35—11; 37—11—12. Reg. No. 9,503.

These two patents show double seating poppet valve construction having inlet and exhaust poppet valve cages with double seats. Cylinder construction for locomotive steam engines or the like is also shown. Positive steam-tight seatings are assured regardless of distortions caused by temperature changes, etc. The cages and poppet valve are each constructed with inner resilient valve seats. Individual restraining rings limit upward movement of these seats. The poppet valve (as shown in Patent 2,243,863) has its inner seat resiliently connected (in a steam-tight manner by resilient bellows) to a ring-like projection of an adapter, permitting removal of valve and adapter as a unit from steam chest. The cages are likewise connected to the surrounding cylinder by resilient metallic bellows and detachable retaining rings, permitting removal of cages and bellows as a unit. The valves and cages may be adapted for use with conventional structures.

Pat. 2,243,865. POWER REVERSE GEAR FOR STEAM LOCOMOTIVES AND THE LIKE. Patented June 3, 1941. In this patent two or more sets of valve gear reversing mechanisms are coordinated by means of a variable ratio transmission actuated through a single manual control in locomotive cab. The transmission includes a threaded shaft connected by a propeller shaft to a reversible motor

in cab, an elongated sliding cam-nut threaded on the shaft, a cam roller engaging cam, and a fulcrumed lever having three arms. One arm carries the cam roller and another arm is connected to a steam or air actuated piston. The third arm is connected by linkage comprising an arm and rod to one reversing shaft, and the cam-nut is likewise connected to another reversing shaft. The lever maintains the cam roller in contact with the profile of the cam-nut at all times regardless of wear, thus eliminating lost motion. Groups 35—11; 37—11—12. Reg. No. 9,504.

Pat. 2,303,642. PRESSURE SEALED COUPLING. Patented Dec. 1, 1942. Light, leak-proof, flexible coupling (or joint) for lines conveying gases or fluids under high pressure is sealed against leakage by line pressure. A ball member extending inside a socket is engaged on opposite sides of its center by a pair of spaced gaskets. The outer gasket is held in place, retaining the ball in the socket, by an adjustable ferrule cap threaded on the outer end of the socket. A resilient metallic bellows is pre-loaded to exert force on the inner gasket to seal the joint. Line pressure tends to expand the bellows, causing it to exert increased pressure upon the inner gasket. Thus the greater the pressure, the more effective the seal. The space between the gaskets may be filled with a lubricant. Modifications shown. Groups 35—66—69; 37—22. Reg. No. 9,505.

Pat. 2,375,992. TIRE CONSTRUCTION. Patented May 15, 1945. Vehicle tire may be formed with resilient metallic side walls connected to spaced inner and outer annular metallic members. An annular sheet of rubber is provided with a tread surface and secured around the outer member. The inner member is designed to fit the rim of a wheel. Each side wall comprises a series of leaves in superimposed spaced relation with contacting edges connected in a fluid-tight manner to form a plurality of integral flexible hinges. The ends of the innermost and outermost leaves of each side wall are welded to the inner and outer annular members to form a fluid-tight chamber. Modifications shown. Groups 30—11; 38—31. Reg. No. 9,506.

Pat. 2,381,541. RESILIENT VALVE HEAD. Patented Aug. 7, 1945. Resilient valve head construction for internal combustion engines, steam engines, and the like, designed to obviate the necessity of providing tappet clearance and to automatically compensate for wear on the valve-actuating cam. The valve head is resilient and comparatively thick. It comprises a disc formed of flexible corrugated material with a rigid valve seating ring welded to the periphery of the disc. The valve may be used with structures having either a rigid or resilient seat. The resilient seat may comprise a rigid ring on a bellows-like mounting. A modification shows a double seating valve having a flexible head and a smaller rigid head adapted to cooperate with structures having a flexible valve seat and a rigid valve seat. Other modifications shown. Group 35—11—19—66—69. Reg. No. 9,507.

Pat. 2,427,456. JOINT. Patented Sept. 16, 1947. Leak-proof, flexible joint (or coupling) for use in lines conveying hot gases or fluids under high pressure is sealed by line pressure. A semi-spherical ball portion and a socket portion of the joint cooperate to form relatively movable nested bearing surfaces to lend flexibility to the joint. A continuous fluid-tight passage is formed through the center of the joint so that hot gases or fluids cannot contact the nested bearing surfaces. A tubular resilient metallic bellows (which forms a major portion of the fluid-tight passage) is pre-loaded to exert pressure against a gasket-retaining ring designed to force a gasket into sealing engagement with the outer surface of the ring and the inner surface of the ball member. Line pressure tends to expand the bellows, causing it to exert increased force against the ring and gasket. A chamber surrounding the bellows may be filled with a lubricant. A modification is shown. Groups 35—11—66—69; 37—22. Reg. No. 9,508.

Pat. 2,433,319. JOURNAL LUBRICATING DEVICE. Patented Dec. 23, 1947. Designed to maintain constant and even lubrication of locomotive journals at all times. The apparatus, which includes a cellar box adapted to contain a lubricant, may be provided with a pair of lubricating rollers. A concaved plate above the rollers for engaging a journal is recessed at the center to permit a peripheral portion of journal to project through recess for frictional engagement with the rollers. The curved sides of the concave plate engage opposite sides of the journal. The rollers and concaved plate are urged into contact with the journal at all times by resilient side and end members. Lubricant from a pump may be supplied to one side of journal through one side of the concaved plate with excess falling into reservoir surrounding rollers. The rollers pick up lubricant from reservoir and transmit it to the journal. Excess lubricant is then wiped from journal by the other side of the concaved plate. In place of the rollers absorbent waste material may be employed. Modifications shown. Group 37—11—12. Reg. No. 9,509.

Pat. 2,213,841. HACKSAW BLADE MOUNTING. Patented Sept. 3, 1940. Attachment for conventional hacksaw frames provides for adjustment and replacement of a blade without removing the attachment from frame. The attachment includes a threaded sleeve keyed to one end of the frame against rotation while permitting longitudinal movement of the sleeve in the frame. A rod to which end of hacksaw blade is attached is rotatably and longitudinally mounted within the sleeve. Ratchet teeth on a nut on the outer end of the rod and the end of the sleeve (held in engagement by a spring) permit angular adjustment of the blade when the sleeve is loose, but prevent rotation when blade is taut. Modifications shown. (Owner) Charles Hubeck, Swiss Farm, Hackettstown, N. J. Group 33—54. Reg. No. 9,510.

Pat. 2,433,336. MANUALLY OPERATED OVERRUNNING CLUTCH. Patented Dec. 30, 1947. (Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757.) One-way clutch is particularly useful for installation on a drive shaft for association with a pulley to drive additional machinery by means of an endless belt. The clutch consists of a collar, a sleeve concentrically surrounding the collar, and a pawl carried by the sleeve in an annular space between collar and sleeve. A rocking finger integral with pawl is provided for manually snapping the pawl into and out of engagement with a notch in the collar for effecting driving engagement and disengagement between collar and sleeve. The pawl is releasably held in either engaged or disengaged position by a single flexible blade which has one end connected to the sleeve and the other end connected to the free end of the pawl. (Owner) Madel A. Bordelon, 508 Frank Alley, Abbeville, La. Group 35—66. Reg. No. 9,511.

Pat. 2,434,161. ELECTRICAL CONTROL FOR MULTIPLE HEATING UNITS IN TUBES. Patented Jan. 6, 1948. The life of this electronic tube is prolonged by the provision of several heating units or filaments and a switching mechanism which automatically changes a heating unit when one is broken or burned out. The switching mechanism is held under tension or released by the action of a bimetallic spring, automatically or manually controlled. A circuit arrangement which may be employed with the tube includes a small lamp bulb that glows when operation of the filament has been disrupted. (Owner) John H. Homrighous, 1029 Wenonah Ave., Oak Park, Ill. Group 36—61. Reg. No. 9,512.

Pat. 2,434,698. TIME DIVISION MULTIPLEX TELEPHONE SYSTEM. Patented Jan. 20, 1948. Several telephone messages may be transmitted simultaneously over a pair of conductors by providing a different carrier wave for each

message, or two different messages may be transmitted over a trunk line by reducing the period of time for equal portions of different messages and transmitting the portions by 24 volt power and 48 volt power in rotation. The sound signals for the two messages are separated into equal portions and the duration for each portion reduced by about one-half. The transmission and reception of different messages in all telephone offices is synchronized by control signals developed by a master generator in one office and transmitted over trunk lines to all other offices in the system. (Owner) John H. Homrighous, 1029 Wenonah Ave., Oak Park, Ill. Group 36—62. Reg. No. 9,513.

Pat. 2,434,697. TIME DIVISION MULTIPLEX TELEPHONE SYSTEM. Patented Jan. 20, 1948. This patent provides a two-way trunk line telephone system for party lines in which two messages are transmitted simultaneously without overlapping. Each message is allotted an alternate period of time, the second conversation being transmitted during the period intervening between the first and second messages. The line from subscriber station to central office has a source of high and low potential direct current varied by a relay. The relay has a movable armature under control of an electromagnet which acts to select different portions of the signals that represent messages. The magnet, when energized, starts the relay, the circuit being closed by a pair of contact springs, one of which is actuated to engage the other by slight movement of the armature. The springs are released by a ratchet upon full movement of the armature to open the circuit. (Owner) Charles H. Homrighous, 1029 Wenonah Ave., Oak Park, Ill. Group 36—62. Reg. No. 9,514.

Pat. 2,435,337. LAMINATED INSOLE FOR SHOES. Patented Feb. 3, 1948. Cushion inner sole includes a flexible upper section which may be reversed at the discretion of the wearer to provide warmth in winter and cooling effect in summer. This upper section, formed of three bonded fabric plies of different materials, is detachably tied by cords to a comparatively thick base ply of soft rubber. (Owner) Alva Billingsley, P. O. Box 442, Lamesa, Tex. Groups 30—41; 32—41. Reg. No. 9,515.

Pat. 2,291,837. ELECTRIC CONNECTOR PLUG. Patented Aug. 4, 1942. Sectionally constructed plug has a lower rectangular block in which a pocket is formed to receive a thin upper section. The upper section has a heart-shaped portion on the sides of which a pair of arcuate springs with a central protuberance are seated. Two L-shaped prongs fit the corners of the pocket and extend through slots in the block. The prongs are held in place by a serrated portion which meshes with corrugations of a pair of right-angled detents fixed to the bottom of the block. The protuberance of the springs fits a recess in each of the prongs to make contact. (Owner) Timothy J. Sheehan, 45 Meisel Ave., Springfield, N. J. Group 36—11. Reg. No. 9,516.

Pat. 1,963,438. METHOD AND APPARATUS FOR PRODUCING FILM FOR PROJECTING STEREOSCOPIC MOTION PICTURES. Patented June 19, 1934. A stereoscopic effect is produced in motion pictures by recording alternate and adjacent slices or sections of right and left eye views. The arrangement further provides a series of vertical and translucent or opaque gratings or bars disposed in front of the screen on which the picture is projected. Those seated before the screen see the projected picture in stereoscopic relief in that each eye sees only the view intended for it. Standard size film is used, and special viewing glasses and other devices are unnecessary. (Owner) Elmer Greensfelder. Address correspondence to R. E. Meech, 626 Arch St., Meadville, Pa. Group 39—12. Reg. No. 9,517.

Pat. 2,039,406. METHOD OF AND APPARATUS FOR OPERATING INTELLIGENCE SYSTEMS. Patented May 5, 1936. This electrically or manually operated apparatus enables the blind to read ordinary newspapers, books, or handwritten material. Enlarged letters and words in actual outline are reproduced on a second page in raised dots that may be read with the fingertips. The page to be read is scanned by a narrow beam of light received by an opposed light-sensitive cell associated with an amplifier or relay. A magnetic switch, controlled by the amplifier, operates a punching mechanism that moves in direct relationship with the scanning unit. The punching mechanism includes a small hammer which strikes a thin metal or cardboard sheet to record a raised dot or perforation. The switch is closed when "black" type is scanned, remaining open for "white" portions of the page. Mechanism similar to a typewriter carriage is adapted to move the scanning and punching units back and forth across the page. (Owner) Elmer Greensfelder. Address correspondence to R. E. Meech, 626 Arch St., Meadville, Pa. Group 36—92. Reg. No. 9,518.

Pat. 2,430,514. ELECTRIC PLUG GUIDE PLATE. Patented Nov. 11, 1947. A guide is formed between the double female sockets of an electric plug cover plate by a pair of ribs. The first rib is vertical and generally triangular in shape with its lower end merged with a smoothly rounded horizontal projecting second rib. The ribs define guide recesses adjacent the socket, to aid in locating socket openings in dark or not easily accessible places. (Owner) Edward H. Knausz, 72 Locust Ave., White Horse, Trenton 10, N. J. Group 36—11. Reg. No. 9,519.

TRADE-MARKS

OFFICIAL GAZETTE, APRIL 20, 1948

[VOL. 609. No. 3]

ACT OF 1905

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication. As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Marks published for opposition under the act of 1946 follow the 1905 publications.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 515,812. ACRYVIN CORPORATION OF AMERICA, Long Island, N. Y. Filed Jan. 16, 1947.

ACRYVIN

FOR SYRUPS OR SOLUTIONS OF POLYMERIZABLE SYNTHETIC RESINS SOLD AS SUCH FOR THE PURPOSE OF FABRICATING VARIOUS ARTICLES, INCLUDING CASTINGS, COATINGS, ADHESIVES AND THE LIKE.

Claims use since Nov. 18, 1946.

Ser. No. 522,175. THE RELDA TRADING COMPANY, INC., New York, N. Y. Filed May 9, 1947.



FOR FINISHED LEATHERS IN THE PIECE—NAMELY, UPPER LEATHER, CALF SKINS, SIDE LEATHER, SUEDE LEATHER, PATENT LEATHER, GLACED KID, SUEDE KID AND SOLE LEATHER.

Claims use since 1912.

CLASS 2

RECEPTACLES

Ser. No. 519,028. POLORON PRODUCTS, INC., New Rochelle, N. Y. Filed Mar. 14, 1947.

POLROCK

FOR METAL LINERS FOR INSULATED PICNIC JUGS.

Claims use since Jan. 2, 1947.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 500,108. F. O. MERZ & CO., Philadelphia, Pa. Filed Apr. 12, 1946.

Merzfold

FOR POCKETBOOKS, PORTFOLIOS, BILLFOLDS, WALLETS, PURSES, COIN PURSES, PASS CASES, AND LEATHER CARD CASES.

Claims use since October 1943.

Ser. No. 521,116. JOSEPH C. DAVIO, Agawam, Mass. Filed Apr. 22, 1947.

PHANTOM-FOLD

The word "Fold" is disclaimed apart from the mark.

FOR PERSONAL LEATHER GOODS — NAMELY, BILLFOLDS, WALLETS, KEY CASES, AND POCKET SECRETARY'S.

Claims use since Mar. 20, 1947.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 484,274. NORMAN J. PHELPS, Palatine, Ill. Filed June 7, 1945.

TROUSSEAU

FOR TOILET SOAP AND LAUNDRY SOAP.

Claims use since May 10, 1942.

Ser. No. 486,628. PHILLIPS CHEMICAL COMPANY, Chicago, Ill. Filed Aug. 2, 1945.

SWIRT

FOR CLEANING COMPOUND FOR CLEANING METALS.
Claims use since Oct. 14, 1944.

Ser. No. 512,183. RAE W. LEWIS, doing business as Bryte Spot Products, Bloomingdale, Mich. Filed Nov. 7, 1946.

BRYTE SPOT

FOR WASHING COMPOUND.
Claims use since Oct. 19, 1946.

Ser. No. 517,679. WETALENE LABORATORIES, INC., Columbus, Ohio. Filed Feb. 17, 1947.



The terms "It Is Tested," "Laboratories, Inc.," and "Columbus, Ohio" are disclaimed. The lining in the drawing represents the color red and two shades of blue.
FOR POWDERED CLEANSER—NAMELY, A SOAPLESS CLEANING AGENT IN A GRANULATED POWDER FORM.
Claims use since Feb. 19, 1935.

Ser. No. 518,241. JOHN N. MCMATH COMPANY, doing business as Lloyd-Sargent Co., New Rochelle, N. Y. Filed Feb. 27, 1947.

PUNCH & JUDY

FOR SOAP AND SOAP POWDERS FOR HANDS AND FACE.
Claims use since July 13, 1945.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 491,664. WILLIAM C. MCCUSKER, Los Angeles, Calif., assignor to Kip Corporation, Ltd., Los Angeles, Calif., a corporation of Nevada. Filed Nov. 15, 1945.

SUN SKIP

Applicant disclaims the word "Sun."
FOR LIQUID FOR PROTECTING THE SKIN FROM SUNBURN.
Claims use since Sept. 25, 1945.

Ser. No. 496,771: ERONEL INDUSTRIES, Los Angeles, Calif. Filed Feb. 18, 1946.

CHEMOSIZE

FOR RESINOUS TEXTILE SIZING COMPOSITION.
Claims use since Nov. 19, 1945.

Ser. No. 503,299. MICHAEL KROPP, doing business as "Tanners Corner Barber Shop," South River, N. J. Filed June 5, 1946.

It's R-OUN!

FOR DANDRUFF, HAIR, AND SCALP LOTIONS.
Claims use since Aug. 24, 1943.

Ser. No. 510,006. J. BERLAGE CO., INC., New York, N. Y. Filed Oct. 1, 1946.



FOR METHYL BROMIDE FOR USE AS A FUMIGANT AND INSECTICIDE.
Claims use since December 1945.

Ser. No. 513,520. T. J. MILLISACK, doing business as The Milli-Seal Company, Denver, Colo. Filed Nov. 30, 1946.



The words "Antiseptic," "Bandage," "Seal," and "Calmative" are disclaimed apart from the mark. The drawing is lined for the colors red and green.
FOR ANTISEPTIC MEDICINAL BANDAGES.
Claims use since Sept. 5, 1946.

Ser. No. 515,656. R. F. CHARBACH CO., Chicago, Ill. Filed Jan. 13, 1947.

SWEET-N-ICE

The word "Sweet" is disclaimed.
FOR REFRIGERATOR DEODORANTS.
Claims use since Nov. 20, 1946.

Ser. No. 515,698. BERTHA H. COHEN, Stelton, N. J. Filed Jan. 14, 1947.

la-DOR-u

FOR COLD CREAM, HAND CREAM, FACE CREAM, VANISHING CREAM, EMOLLIENT CREAM, AND SUNPROOF BALM.
Claims use since May 27, 1946.

Ser. No. 516,396. CIBA PHARMACEUTICAL PRODUCTS, INC., Summit, N. J. Filed Jan. 27, 1947.

PROGESTRADIOL

FOR PREPARATION FOR USE IN SEX HORMONE THERAPY.
Claims use since Oct. 2, 1946.

Ser. No. 516,956. COLUMBIA RIBBON & CARBON MANUFACTURING COMPANY, INC., Glen Cove, N. Y. Filed Feb. 5, 1947.

ERA-FIX

The mark consists of the word "Era-Fix."
FOR INK ERADICATOR.
Claims use since July 26, 1946.

Ser. No. 518,547. IRENE MCKNIGHT, New York, N. Y. Filed Mar. 5, 1947.

Clo-Scent

"Scent" is disclaimed apart from the mark.
FOR PERFUME AND SACHET POWDER.
Claims use since May 1946.

Ser. No. 518,700. SHAWNEE PRODUCTS COMPANY, Fort Lauderdale, Fla. Filed Mar. 7, 1947.

Shawnee

FOR SUNTAN OIL.
Claims use since June 6, 1946.

Ser. No. 518,701. SHAWNEE PRODUCTS COMPANY, Fort Lauderdale, Fla. Filed Mar. 7, 1947.



The drawing is lined for the colors red, yellow, and brown and the portrait appearing in the drawing is fanciful. The outline of the label is disclaimed and the words "Tanoil" and "For the tawny glow of a Shawnee Indian" are disclaimed apart from the mark.
FOR SUNTAN OIL.
Claims use since June 6, 1946.

Ser. No. 520,056. RIANT PRODUCTS CO., Long Island City, N. Y. Filed Apr. 2, 1947.

Riant

FOR NAIL LACQUERS, LIP STICKS, AND FACE POWDER.
Claims use since Mar. 15, 1947.

Ser. No. 521,947. PORTE MANUFACTURING CO. INC., doing business as Compass Manufacturing Co., Brooklyn, N. Y. Filed May 6, 1947.

Compass

FOR BRAKE FLUIDS USED IN THE SERVICING OF AUTOMOBILES.
Claims use since Jan. 1, 1945.

Ser. No. 523,437. WEST DISINFECTING COMPANY, Long Island City, N. Y. Filed June 2, 1947.

GRAINOSECT

FOR INSECTICIDE.
Claims use since December 1930.

Ser. No. 523,955. FIRST TEXAS CHEMICAL MFG. CO., Dallas, Tex. Filed June 11, 1947.

DI-AZO-MUL

Applicant disclaims use of "Di-Azo" apart from the trade-mark as shown.
FOR EMULSION OF SULFADIAZINE, INTENDED FOR ORAL ADMINISTRATION, AND WHICH CAN BE USED IN ALMOST ANY CASE WHERE SULFADIAZINE IS INDICATED.
Claims use since November 1945.

CLASS 8

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS

Ser. No. 496,370. COLIBRI LIGHTERS LIMITED, London, England. Filed Feb. 11, 1946.

COLIBRI

FOR ASH TRAYS, CIGAR AND CIGARETTE CASES AND BOXES, COMBINATION CIGARETTE CASES AND LIGHTERS, ALL OF BASE METAL, SMOKER'S PIPES, TOBACCO POUCHES, SMOKER'S PIPE CLEANERS, CIGAR CUTTERS, AND CIGARETTE HOLDERS.
Claims use since July 1933.

CLASS 12

CONSTRUCTION MATERIALS

Ser. No. 477,123. PLYWOODS-PLASTICS CORPORATION, Hampton, S. C. Filed Dec. 1, 1944.

RESOPLY

FOR COMPOSITION CONSTRUCTION BOARD CONSISTING OF LAMINATIONS OF PHENOLIC RESIN BONDED VENEER OR WOOD PANELS.
Claims use since October 1941.

Ser. No. 503,511. CARROLL B. GRANT, Dallas, Tex. Filed June 8, 1946.

Breezeway

FOR WOOD AWNINGS.
Claims use since May 20, 1946.

Ser. No. 503,512. CARROLL B. GRANT, Dallas, Tex. Filed June 8, 1946.



The drawing is lined for shading only.
FOR WOOD AWNINGS.
Claims use since May 20, 1946.

Ser. No. 503,513. CARROLL B. GRANT, Dallas, Tex. Filed June 8, 1946.



The drawing is lined for shading and not color.
FOR WOOD AWNINGS.
Claims use since May 20, 1946.

Ser. No. 504,799. STANDARD FUEL ENGINEERING COMPANY, Detroit, Mich. Filed June 28, 1946.

ZERO
ACE

FOR FIRE BRICK.
Claims use since Jan. 1, 1945.

Ser. No. 525,057. THE ASSOCIATED PORTLAND CEMENT MANUFACTURERS, LIMITED, London, England. Filed June 28, 1947.

SNOWCEM

FOR PREPARATIONS IN POWDER FORM CONSISTING PRINCIPALLY OF CEMENT FOR USE IN BUILDING OR DECORATION.
Claims use since August 1939.

CLASS 15

OILS AND GREASES

Ser. No. 508,996. THE HANCOCK OIL COMPANY OF CALIFORNIA, Long Beach, Calif. Filed Sept. 13, 1946.

FIVE POINT

Applicant is the owner of Reg. Nos. 303,970 and 303,973.
FOR LUBRICATING OILS AND GREASES.
Claims use since Aug. 18, 1937.

Ser. No. 508,997. THE HANCOCK OIL COMPANY OF CALIFORNIA, Long Beach, Calif. Filed Sept. 13, 1946.

Hi-BALL

FOR HEAVY DUTY AND DIESEL ENGINE OILS AND LUBRICATING GREASES.
Claims use since July 15, 1939.

Ser. No. 520,016. COASTAL OIL COMPANY, Newark, N. J. Filed Apr. 2, 1947.



The lining on the drawing represents the color red. The words "Oil Company" are disclaimed.
FOR FUEL OIL AND BUNKER OIL, FOR HEATING, BURNING AND INTERNAL COMBUSTION, AND FOR BOTH DOMESTIC AND INDUSTRIAL USE.
Claims use since Oct. 3, 1938.

Ser. No. 525,082. CHRIS P. HOEFER, doing business as J-D-D Lubricants Co., Sioux City, Iowa. Filed June 28, 1947.

J-D-D

The lining on the drawing designates the color green.
FOR GASOLINE AND TRACTOR FUELS, LUBRICATING GREASES, LUBRICATING OILS.
Claims use since Mar. 1, 1935.

Ser. No. 525,133. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed June 28, 1947.

INDOCYL

Applicant is the owner of Reg. Nos. 213,586, 213,587, 432,401, 430,251, and 436,150.
FOR LUBRICATING OIL.
Claims use since June 6, 1946.

Ser. No. 525,134. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed June 28, 1947.

INDOIL

FOR LUBRICATING OILS.
Claims use since Jan. 9, 1940.

Ser. No. 525,135. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed June 28, 1947.

INDOLUBE

Applicant is the owner of Reg. Nos. 213,586, 213,587, 432,401, 430,251, and 436,150.
FOR LUBRICATING OILS.
Claims use since Feb. 28, 1946.

Ser. No. 525,136. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed June 28, 1947.

INDOSOLVENT

FOR NAPHTHA.
Claims use since Apr. 8, 1946.

Ser. No. 525,137. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed June 28, 1947.

INDOVIS

Applicant is the owner of Reg. Nos. 213,586, 213,587, 432,401, 430,251, and 436,150.
FOR LUBRICATING OILS.
Claims use since Apr. 25, 1944.

CLASS 17

TOBACCO PRODUCTS

Ser. No. 525,355. P. LORILLARD COMPANY, New York, N. Y. Filed July 1, 1947.

BLUE RINGS

FOR LITTLE CIGARS.
Claims use since July 1897.

Ser. No. 525,617. P. LORILLARD COMPANY, New York, N. Y. Filed July 2, 1947.

BROTHERHOOD

FOR SMOKING TOBACCO.
Claims use since June 20, 1947.

Ser. No. 525,632. P. LORILLARD COMPANY, New York, N. Y. Filed July 2, 1947.



The drawing is lined for the colors red and green.
FOR CIGARS.
Claims use since 1881.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 513,221. STEWART-WARNER CORPORATION, Chicago, Ill. Filed Nov. 25, 1946.

"Strobo-Sonic Tone"

Applicant disclaims the exclusive use of the words "Sonic Tone" apart from the mark.
FOR RADIO RECEIVERS.
Claims use since Oct. 21, 1945.

Ser. No. 516,497. GROVER M. NIE, doing business as The Majestic Company, Huntington, Ind. Filed Jan. 28, 1947.



FOR ELECTRIC BROILER, COMPRISING A VERTICAL HEATING ELEMENT IN WHICH BROILING IS DONE ON EITHER SIDE.
Claims use since 1936.

Ser. No. 524,350. ROUSSELLE CORPORATION, Los Angeles, Calif. Filed June 17, 1947.



The word "Drain" is disclaimed apart from the mark.
FOR ELECTRICALLY OPERATED GARBAGE GRINDERS, FOR APPLICATION TO THE DRAIN OUTLET OF A KITCHEN SINK.
Claims use since Feb. 14, 1947.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 487,775. ZADEK FELDSTEIN CO., INC., New York, N. Y. Filed Aug. 30, 1945.

KLIK-KLAK

FOR TOY RATTLES, TEETHING TOYS, DOLLS, TOY CHAINS, TOY NECKLACES AND TOY HOOP ELEMENTS HOLDING BEADS.
Claims use since December 1936.

Ser. No. 506,126. RANGER STEEL PRODUCTS CORPORATION, Brooklyn, N. Y. Filed July 23, 1946.



The representation of the male figure on horseback forming a feature of the mark is fanciful.
FOR MECHANICAL TOYS—NAMELY, MINIATURE BOWLING ALLEYS INCLUDING PINS AND MARBLES, SPARKLER WHEELS, MINIATURE BASKETBALL GAMES AND BALLS THEREFOR, MINIATURE MECHANICAL TRAINS AND PARTS THEREFOR.
Claims use since Jan. 1, 1946.

Ser. No. 506,479. JOHN SCARNE, Fairview, N. J. Filed July 29, 1946.

Follow the Arrow

FOR GAMES CONSISTING OF A BOARD WITH MOVABLE PIECES, GAME BOARDS AND GAME EQUIPMENT CONSISTING OF NUMBERED PIECES FOR USE ON A GAME BOARD.
Claims use since June 1, 1945.

Ser. No. 509,866. ALAN E. MURRAY, Wilmington, Del. Filed Sept. 27, 1946.

Space

FOR ROLLER SKATES AND ICE SKATES.
Claims use since Aug. 26, 1946.

Ser. No. 513,752. THEODORE J. MENTEN, doing business as Famous Model Co., Baldwin, N. Y. Filed Dec. 5, 1946.

FAMOCO

FOR MINIATURE TOY ELECTRIC MOTORS FOR USE IN TOY LOCOMOTIVES FOR MODEL RAILROADS.
Claims use since Mar. 1, 1946.

Ser. No. 514,883. STEPHEN BISHOP, Waban, Mass. Filed Dec. 27, 1946.

ROCKY - BOAT

Applicant disclaims the word "Boat" apart from the mark.
FOR EDUCATIONAL AND AMUSEMENT DEVICE IN THE FORM OF A ROCKING TOY REVERSIBLE TO ESTABLISH A SET OF STEPS.
Claims use since Sept. 20, 1946.

Ser. No. 518,510. ANIMAL TRAP COMPANY OF AMERICA, Lititz, Pa. Filed Mar. 5, 1947. Under section 5b of the act of 1905 as amended in 1920.

Newhouse

FOR BAIT FOR PREDATORY AND/OR FUR BEARING ANIMALS.
Claims use since Jan. 23, 1947.

CLASS 23

CULTERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 486,961. LEWIS-SHEPARD PRODUCTS INC., Watertown, Mass. Filed Aug. 9, 1945.



FOR MATERIALS-HANDLING EQUIPMENT ACTUATED HORIZONTALLY OR FOR LIFTING PURPOSES MANUALLY OR BY OR WITH THE AID OF MOUNTED POWER UNITS (INCLUDING MECHANICAL OR HYDRAULIC EQUIPMENT, GASOLINE ENGINES, ELECTRIC MOTORS, OR COMBINATION GASOLINE ENGINE-ELECTRIC GENERATOR UNITS)—NAMELY, LIFT TRUCKS, LIFTING DOLLIES, LIFTING FORK TRUCKS, LIFTING FORK AND TILT TRUCKS, LIFTING INDUSTRIAL POWER TRUCKS, LIFTERS, STACKERS, PORTABLE ELEVATORS AND DUMBWAITERS, PORTABLE CRANES, AUXILIARY CRANES, HOISTS, PILING MACHINES, AND TIRING MACHINES—TOGETHER WITH ACCESSORIES THERETO AND PARTS THEREFOR—NAMELY, CHAIN CONTROLS, TURNTABLES, CANTILEVER JACKS, WINCHES, HIGH-SPEED DRIVES, HINGES FOR HIGH-STACKING MACHINES, LADDERS FOR PERMANENT ATTACHMENT TO HIGH-STACKING MACHINES, HYDRAULIC RELEASES, SPRING BALANCE CYLINDERS, BROKEN CABLE SAFETY DEVICES, ROLLERS, CASTERS, FRAME SPLICES, CABLE CONTROL FLOOR STOPS, PLATFORM RETAINING BARS FOR STACKING MACHINES, DETACHABLE SKIDS, BARREL ROLLS, REMOVABLE ROLLERS, ROLLER PLATFORMS.
Claims use since June 1, 1944.

Ser. No. 498,927. PIONEER GEN-E-MOTOR CORPORATION, Chicago, Ill. Filed Mar. 25, 1946.

PINCOR

FOR POWER LAWN MOWERS, HAND LAWN MOWERS, AND GARDEN TRACTORS, AND PARTS THEREOF.
Claims use since Sept. 27, 1945.

Ser. No. 498,928. PIONEER GEN-E-MOTOR CORPORATION, Chicago, Ill. Filed Mar. 25, 1946.



The linings on the drawing are for the purpose of showing that the background is orange or yellow and the square is blue. The picture of the human being shown on the drawing is fanciful.
FOR LAWN MOWERS, HAND LAWN MOWERS, AND GARDEN TRACTORS, AND PARTS THEREOF.
Claims use since Sept. 27, 1945.

Ser. No. 502,759. MANNA MERCHANDISE CO., New York, N. Y. Filed May 25, 1946.



The representation of the northern hemisphere is disclaimed.
FOR KITCHEN KNIVES AND FORKS, POULTRY SHEARS, AND POCKET KNIVES MADE OF BASE METAL.
Claims use since Apr. 1, 1946.

Ser. No. 503,266. SPEEDO MANUFACTURING CO. INC., New York, N. Y. Filed June 4, 1946.



FOR FLEXIBLE, SHAFT OPERATED RADIAL DRILLS, GRINDERS AND ROUTERS, AND HANDPIECES THEREFOR, AND FLEXIBLE SHAFT OPERATED RECIPROCATING HAMMERS, FILES, SAWS, AND CHISELS AND HAND PIECES THEREFOR.
Claims use since May 20, 1946.

Ser. No. 504,591. ALEXANDER PERRON WETHERBEE, Paris, Tex. Filed June 25, 1946.

AUTOQUIP

FOR CARBURETORS.
Claims use since March 1923.

Ser. No. 510,223. G. H. WOOD & COMPANY LIMITED, Toronto, Ontario, Canada. Filed Oct. 3, 1946.

SPRAYLETS

FOR UNFILLED NON-THERAPEUTIC ATOMIZERS AND SPRAYERS FOR DIFFUSION OF INSECTICIDES AND DEODORANTS.
Claims use since Dec. 17, 1945.

Ser. No. 515,573. LYNN PRODUCTS CO., Chicago, Ill. Filed Jan. 10, 1947.

LYN-A-LINE

FOR PUNCHES, SCREW DRIVERS, AND MANUALLY USED MECHANICS' AND AUTOMOBILE BODY REPAIR TOOLS.
Claims use since Nov. 1, 1946.

Ser. No. 515,652. LOUISE C. BETTNER, Seattle, Wash. Filed Jan. 13, 1947.

-Salabörd-

FOR CHOPPING BOARDS.
Claims use since Nov. 13, 1946.

Ser. No. 516,233. VACO PRODUCTS COMPANY, Chicago, Ill. Filed Jan. 23, 1947.

OROPLASTIQUE

FOR SCREW DRIVERS, NUT DRIVERS, NUT SPINNERS, AWLS, COUNTERSINKS, CLAMPS, CHISELS, DRILLS, HACKSAWS, HAMMERS, REAMERS, RATCHETS, SOCKETS, AND WRENCHES.
Claims use since Sept. 30, 1946.

Ser. No. 524,437. AMERICAN OPTICAL COMPANY, Southbridge, Mass. Filed June 19, 1947.

AO

FOR OPTICAL LENS MACHINE TOOLS—NAMELY, LENS DRILLS, LENS CUTTERS, EDGING MACHINES, SURFACING MACHINES, LAP TRUING MACHINES, AND PARTS FOR THE AFORESAID MACHINES.
Claims use since February 1929.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 513,697. THREE DIMENSION COMPANY, INC., Chicago, Ill. Filed Dec. 4, 1946.



The words "Three Dimension Company Chicago, Illinois U. S. A." are disclaimed.
FOR PROJECTORS FOR TRANSPARENT STILL PICTURE SLIDES AND FILMS, TRANSPARENCY BOXES FOR VIEWING STILL PICTURE FILMS, LANTERN SLIDES AND PICTURE FILMS.
Claims use since Jan. 10, 1944.

Ser. No. 521,082. MODERN CONTROLS CORPORATION, Detroit, Mich. Filed Apr. 21, 1947.

TIME-SAVER

FOR ELECTRIC THERMOSTATIC REMOTE CONTROL FOR GAS WATER HEATERS.
Claims use since Jan. 30, 1940.

CLASS 27

HOROLOGICAL INSTRUMENTS

Ser. No. 516,950. BRAC, S. A., Soleure, Switzerland. Filed Feb. 5, 1947.

EXPERT

FOR WATCHES AND PARTS THEREOF.
Claims use since Mar. 2, 1946.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Ser. No. 514,534. HUGHES BRUSHES, INC., New York, N. Y., assignor to Tek Hughes, Inc., a corporation of New York. Filed Dec. 19, 1946.

MINI-KIT

The word "Kit" per se is disclaimed.
FOR BRUSH SET CONSISTING OF A HAIR BRUSH, CLOTHES BRUSH, AND COMB, ALL IN A CASE.
Claims use since June 15, 1946.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 520,160. CHARLES B. GOODSTEIN, doing business as C. B. G. Development Co., New Rochelle, N. Y. Filed Apr. 4, 1947.

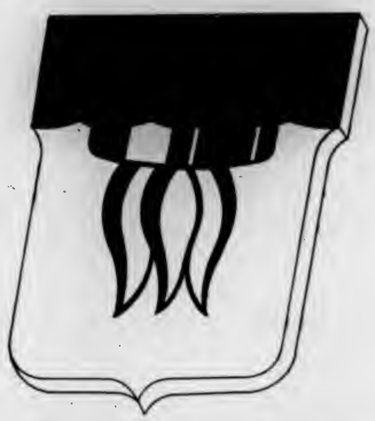
dura-easel

Applicant disclaims "Easel" apart from the mark.
FOR ARTIST'S EASEL.
Claims use since Feb. 11, 1947.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 476,084. SUBMERGED COMBUSTION COMPANY OF AMERICA, INC., Hammond, Ind. Filed Nov. 3, 1944.



FOR BURNERS FOR DIRECT COMBUSTION OF FUEL BENEATH A LIQUID LEVEL AND CONTROL APPARATUS FOR OPERATING SAID BURNERS, AND PARTS THEREOF.
Claims use since Oct. 2, 1944.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 517,172. SULCO SALES CORPORATION, New York, N. Y. Filed Feb. 7, 1947.



Applicant's mark consists in the letters A-I and the words "Automotive Industrial" superimposed upon the outline of the map of the United States. Exclusive use of the words "Automotive Industrial" and the representation of the outline of the map of the United States are disclaimed.
FOR BRAKE LININGS, CLUTCH FACINGS, FAN BELTS, AND RADIATOR HOSE.
Claims use since Jan. 17, 1947.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Ser. No. 514,583. AERO NEEDLE COMPANY, Chicago, Ill. Filed Dec. 20, 1946.

"111"

FOR PHONOGRAPH NEEDLES.
Claims use since Sept. 13, 1943.

CLASS 37

PAPER AND STATIONERY

Ser. No. 523,632. WARD PAPER COMPANY, Merrill, Wis. Filed June 5, 1947.

Indian Lakes

FOR BOND PAPER.
Claims use since Apr. 15, 1947.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 502,743. JOHN FREDERICK COMPANY, Chicago, Ill. Filed May 25, 1946.



CALENDAR FASHIONS

The word "Calendar" is disclaimed from the other features of the mark.
FOR CALENDARS.
Claims use since Apr. 15, 1943.

Ser. No. 508,965. BILFRED ENTERPRISES, Los Angeles, Calif. Filed Sept. 13, 1946.

Juvenile Trends

FOR PERIODICAL PUBLISHED AT INTERVALS.
Claims use since June 15, 1946.

CLASS 39

CLOTHING

Ser. No. 488,322. GREENSPOON CLOTHING CO., INC., St. Louis, Mo., now by change of name The Greenspoon Company. Filed Sept. 12, 1945.

STYLECREST



FOR WOMEN'S COATS AND SPORT COATS.
Claims use since Sept. 1, 1939.

Ser. No. 499,988. BELMONT SHIRT COMPANY, New York, N. Y. Filed Apr. 11, 1946.

Bel-Champ

FOR MEN'S SHIRTS, SPORT SHIRTS, SHORTS, PAJAMAS, HOSIERY, NECKTIES, SUITS, AND JACKETS.
Claims use since May 4, 1946.

Ser. No. 505,467. CONSOLIDATED MILLINERY COMPANY, Chicago, Ill. Filed May 27, 1946.

Consello

FOR LADIES' AND CHILDREN'S HATS.
Claims use since May 1, 1914.

Ser. No. 510,230. THE B. F. GOODRICH COMPANY, Akron, Ohio. Filed Oct. 4, 1946.

Koroseal

FOR IMPERVIOUS CLOTHING—NAMELY, RAINCOATS, RAIN HATS, APRONS, SHOES AND BOOTS, AND SHOE SOLES.
Claims use since 1937.

Ser. No. 510,433. H. & L. CLOTHING CO., INC., New York, N. Y. Filed Oct. 8, 1946.

Le HOF

FOR MEN'S SUITS, JACKETS, AND SLACKS.
Claims use since July 22, 1946.

Ser. No. 511,697. GERALD F. MILLER, doing business as Clock-Wise Fashions, Dallas, Tex. Filed Oct. 29, 1946.



The word "Style" and the notation "Just loves to be washed" are disclaimed.
FOR DRESSES, PLAY SUITS, OUTER SKIRTS, SLACKS, BEACH COATS AND PEDAL PUSHERS, FOR GIRLS, MISSES, AND JUNIORS.
Claims use since Sept. 15, 1946.

Ser. No. 512,103. BELLE FROCKS, INC., New York, N. Y. Filed Nov. 6, 1946.

Bonnie Belle

FOR INFANTS', CHILDREN'S, AND GIRLS' DRESSES, JUMPERS, SUITS, JACKETS, SKIRTS, BLOUSES, SLACKS, SHORTS, PLAYSUITS, JERKEN SETS, SLACK SETS, AND SHIRTS.
Claims use since Mar. 21, 1945.

Ser. No. 514,030. GODFRIED UNDERWEAR CO., INC., New York, N. Y. Filed Dec. 11, 1946.

Aperitif

FOR LADIES' SLIPS, NIGHTGOWNS, PETTICOATS, NEGLIGEES, PANTIES, LADIES' PAJAMAS, BED-JACKETS, AND HOSPITAL GOWNS.
Claims use since October 1942.

Ser. No. 514,775. PORTIS STYLE INDUSTRIES, INC., Chicago, Ill. Filed Dec. 24, 1946.



No claim is made to the use of the word "Cap" nor to the expression "Cool as a Breeze."
FOR HATS AND CAPS FOR MEN AND BOYS.
Claims use since Feb. 1, 1924.

Ser. No. 517,486. JUANITA S. JORGENSEN, San Francisco, Calif. Filed Feb. 14, 1947.

Juanita Jorgensen

The name "Juanita Jorgensen" is a facsimile of applicant's signature superimposed on two enlarged "J's," positioned substantially midway of the given name and surname.
FOR WOMEN'S GARMENTS—NAMELY, BLOUSES, LINGERIE, COMPRISING BRASSIÈRES, UNDERVESTS, UNDER-PANTS, SLIPS AND NIGHT-DRESSES, AND NOVELTY SCARFS.
Claims use since Jan. 27, 1947.

Ser. No. 517,986. GARAY & CO., INC., New York, N. Y. Filed Feb. 24, 1947.

Garastraw

FOR APPAREL BELTS.
Claims use since Dec. 4, 1945.

Ser. No. 519,546. SHOECRAFT, INC., New York, N. Y. Filed Mar. 25, 1947.



The words "The Shoe" are disclaimed apart from the mark shown in the drawing.
FOR SHOES.
Claims use since Mar. 18, 1947.

Ser. No. 522,989. BENJAMIN L. CUSTER, doing business as B. L. Custer Co., Marietta, Ga. Filed May 24, 1947.

"Dolsox"

FOR HOSIERY FOR INFANTS AND CHILDREN.
Claims use since May 12, 1947.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Ser. No. 519,808. GANTNER & MATTERN COMPANY, San Francisco, Calif. Filed Mar. 29, 1947.

gantron

FOR FLUORESCENT FABRICS OF SILK AND SYNTHETIC FIBERS IN COMBINATION OR ALONE, AND IN COMBINATION WITH COTTON AND/OR WOOL, THE SILK OR SYNTHETIC FIBERS BEING TREATED TO MAKE THEM FLUORESCENT, SOLD BY THE YARD AND BY WEIGHT.
Claims use since Feb. 24, 1947.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 520,466. PITTSBURGH ELECTRICAL AND MACHINE WORKS, Pittsburgh, Pa. Filed Apr. 10, 1947.

◂HYDROAIR▸

FOR THERAPY TANKS FOR FOOT BATHS IN WHICH THE WATER IS CIRCULATED WITH GREAT TURBULENCE BY MAKING USE OF THE INJECTION PRINCIPLE, INCLUDING A MOTOR DRIVEN PUMP AND A CONTROL PANEL.
Claims use since Nov. 30, 1944.

Ser. No. 521,802. STANLEY E. NOYES, doing business as Dental Perfection Company, Los Angeles, Calif. Filed May 3, 1947.



The drawing is lined for shading only.
FOR DENTAL PLASTIC IMPRESSION MATERIALS.
Claims use since September 1945.

Ser. No. 523,249. E & J MANUFACTURING CO., Glendale, Calif. Filed May 29, 1947.

E & J

FOR RESUSCITATORS, OXYGENATORS, AND CASES ESPECIALLY DESIGNED AND ADAPTED TO SHIP AND CARRY SAID RESUSCITATORS AND OXYGENATORS.
Claims use on resuscitators since Oct. 15, 1929; on oxygenators since June 26, 1939; on cases since Oct. 15, 1929, for cases designed and adapted to resuscitators; and since June 26, 1939, on cases designed and adapted for oxygenators.

Ser. No. 523,725. PLASTISHIELD, INC., Minneapolis, Minn. Filed June 6, 1947.

PLASTISHIELD

FOR NURSING MOTHERS' BREAST SHIELDS.
Claims use since Jan. 31, 1947.

CLASS 46

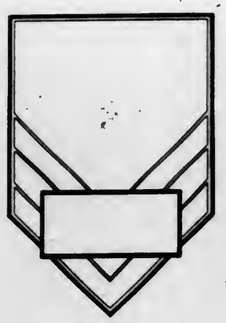
FOODS AND INGREDIENTS OF FOODS

Ser. No. 491,903. F. B. WASHBURN CANDY CORPORATION, Brockton, Mass. Filed Nov. 19, 1945.

Dandy Dan

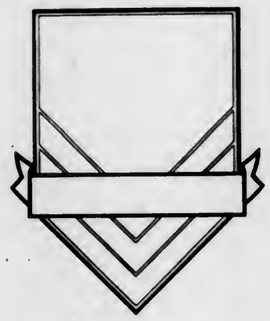
No claim is made to the word "Dandy" apart from the mark as shown.
FOR CANDY.
Claims use since September 1936.

Ser. No. 505,557. CENTRAL SOYA COMPANY, INC., Fort Wayne, Ind. Filed July 13, 1946.



Applicant is the owner of Reg. Nos. 323,074 and 323,726.
FOR LIVESTOCK AND POULTRY FEEDS AND FEED CONCENTRATES CONSISTING OF SOY BEAN MATERIAL, FORTIFIED WITH FISH MEAL, CONDENSED FISH SOLUBLES AND RIBOFLAVIN SUPPLEMENT.
Claims use since Jan. 2, 1935.

Ser. No. 505,558. CENTRAL SOYA COMPANY, INC., Fort Wayne, Ind. Filed July 13, 1946.



FOR SOY BEAN FLOUR, LECITHIN FOR FOOD PURPOSES, TOASTED EXPANDED SOY BEAN MATERIAL, SOY GRITS, SOY ALBUMEN, PROTEIN WHIPPING MATERIAL FOR INCORPORATION IN FRAPPES, NOUGATS, CAKE, AND THE LIKE.
Claims use since Oct. 2, 1942.

Ser. No. 506,141. C. A. SWANSON & SONS, Omaha, Nebr. Filed July 23, 1946.

Strut

FOR CANNED FOODS FOR ANIMALS—VIZ., DOGS, MINKS, AND FOXES.
Claims use since Nov. 26, 1945.

Ser. No. 506,142. C. A. SWANSON & SONS, Omaha, Nebr. Filed July 23, 1946.



FOR CANNED DOG FOOD.
Claims use since Nov. 26, 1945.

Ser. No. 507,145. RITTER-PRICE COMPANY, Stockton, Calif. Filed Aug. 9, 1946.

Cutie



The picture shown is that of Lois Price, a minor daughter of T. R. Price, a copartner of the applicant.
FOR FRESH CELERY, LETTUCE, AND CANTALOUPES.
Claims use since Feb. 15, 1946.

Ser. No. 508,273. DAVIS-CLEAVER PRODUCE COMPANY, Quincy, Ill. Filed Aug. 30, 1946.

Prairie Blossom

FOR DRESSED EVISCERATED POULTRY.
Claims use since May 21, 1946.

ACT OF 1946

The following trade-marks are published in compliance with section 12(a) of the Trade-Mark Act of 1946. Notice of opposition under section 13 may be filed within thirty days of this publication. See Rules 20.1 to 20.5.
As provided by section 31 of said act, a fee of twenty-five dollars must accompany each notice of opposition.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 529,036. J. GREENEBAUM TANNING CO., Chicago, Ill. Filed July 21, 1947.

BARKROM

Applicant claims ownership of registration No. 218,506.
FOR FULL-GRAINED AND BUFFED SOLE LEATHER.
Claims use since May 15, 1925.

Ser. No. 529,037. J. GREENEBAUM TANNING CO., Chicago, Ill. Filed July 21, 1947.

VEGELEEN

FOR LEATHER IN THE PIECE—NAMELY, CATTLE HIDE UPPER LEATHER.
Claims use since Jan. 15, 1940.

Ser. No. 529,038. J. GREENEBAUM TANNING CO., Chicago, Ill. Filed July 21, 1947.

SPORTO

FOR LEATHER IN THE PIECE—NAMELY, CATTLE HIDE UPPER LEATHER.
Claims use since Feb. 10, 1926.

CLASS 2

RECEPTACLES

Ser. No. 506,761. MARCALUS MANUFACTURING CO., INC., East Paterson, N. J. Filed Sept. 15, 1947.

MARCAL

FOR PAPER SANDWICH BAGS.
Claims use since August 1945.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 534,926. PYRAMID LEATHER GOODS CO., INC., New York, N. Y. Filed Sept. 18, 1947.

CLASSMATE

FOR MISSES' AND CHILDREN'S HANDBAGS OF LEATHER, FABRIC, PLASTIC MATERIALS, AND COMBINATIONS THEREOF.
Claims use since July 1, 1931.

Ser. No. 535,768. SWANK, INC., Attleboro, Mass. Filed Sept. 25, 1947.

Aristogram

FOR WALLETS OR BILLFOLDS.
Claims use since January 1946.

Ser. No. 536,140. SEARS ROEBUCK AND CO., Chicago, Ill. Filed Sept. 29, 1947.

Pilgrim

FOR MEN'S BILLFOLDS, COIN PURSES, MONEY BELTS, AND KEY CASES.
Claims use since July 15, 1946.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 527,678. THE HEWITT SOAP COMPANY, INC., Dayton, Ohio. Filed July 5, 1947.

Pine Buds

The word "Pine" is disclaimed apart from the mark.
Applicant claims ownership of registration No. 393,868.
FOR SUDSING CLEANER, CLEANSER, AND DETERGENT.
Claims use since Jan. 1, 1937.

Ser. No. 528,679. ARMOUR AND COMPANY, Chicago, Ill. Filed July 16, 1947.

HANDY HOME

FOR COATED ABRASIVE PRODUCTS HAVING A FLEXIBLE BACKING WITH AN ABRASIVE SECURED TO THE BACKING BY AN ADHESIVE.
Claims use since 1930.

Ser. No. 529,767. HOSPITAL LIQUIDS, INC., Chicago, Ill. Filed July 28, 1947.

COAGUSOL

FOR CHEMICAL PREPARATION FOR CLEANING AND REMOVING STAINS FROM SURGICAL INSTRUMENTS.
Claims use since June 23, 1947.

Ser. No. 531,631. U. S. SANITARY SPECIALTIES CORPORATION, Chicago, Ill. Filed Aug. 16, 1947. Under section 2f of the act of 1946.

Kocosope

FOR LIQUID TOILET SOAP.
Claims use since 1925.

Ser. No. 531,638. ADCO, INC., Sedalia, Mo. Filed Aug. 18, 1947.

VD

FOR PREPARATION FOR REMOVING SPOTS FROM GARMENTS AND FABRICS.
Claims use since 1932.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 506,961. RONSON ART METAL WORKS, INC., Newark, N. J. Filed July 9, 1947.

RONSONOL

FOR LIGHTER FLUID FOR USE IN CIGAR LIGHTERS AND THE LIKE.
Claims use since 1928.

Ser. No. 526,514. DRY AIR PRODUCTS CORP., Orlando, Fla. Filed July 5, 1947.

DESICAP

FOR SILICA GEL IN CAPSULE FORM.
Claims use since Dec. 28, 1946.

Ser. No. 528,513. SCHOONMAKER LABORATORIES, INC., Caldwell, N. J. Filed July 12, 1947.

ZYL

Applicant claims ownership of registration No. 193,636.
FOR LUBRICATING OINTMENT FOR TREATMENT OF THE NASAL PASSAGES.
Claims use since July 31, 1924.

Ser. No. 531,791. GRIFFIN CHEMICAL COMPANY, San Francisco, Calif. Filed Aug. 19, 1947.

TIREX

FOR MIXTURES OF PETROLEUM ALKYL SULPHONATES AND POLYHYDRIC ALCOHOLS USEFUL AS EMULSIFIERS AND WETTING AGENTS.
Claims use since Apr. 11, 1947.

Ser. No. 531,793. GRIFFIN CHEMICAL COMPANY, San Francisco, Calif. Filed Aug. 19, 1947.

TIREM

FOR POLYHYDRIC ALCOHOL-FATTY ACID ESTERS IN LIQUID FORM USEFUL AS EMULSIFIERS AND WETTING AGENTS.
Claims use since July 11, 1946.

Ser. No. 531,975. ALLAN ALEXANDER, doing business as Allan Alexander Co., New York, N. Y. Filed Aug. 21, 1947.

YARABA

FOR HAIR PASTE FOR DRESSING HUMAN HAIR.
Claims use since July 7, 1947.

Ser. No. 532,037. M. J. LEWENSTEIN, doing business as Ac-Re Chemical Co., New York, N. Y. Filed Aug. 21, 1947.

AC-RE

FOR REAGENT FOR ACETONE IN URINE AND OTHER AQUEOUS LIQUIDS.
Claims use since June 15, 1947.

Ser. No. 532,377. STAUFFER CHEMICAL COMPANY, San Francisco, Calif. Filed Aug. 25, 1947.

ALFA

Applicant claims ownership of registration No. 165,497.
FOR SULPHUR.
Claims use since Dec. 31, 1921.

Ser. No. 532,406. F. W. HAMPSHIRE AND COMPANY, LTD., Sunnydale, Derby, England. Filed Aug. 16, 1947.

ZUBES

Applicant claims ownership of registration No. 487,265.
FOR COUGH DROPS AND COUGH MIXTURE.
Claims use since Jan. 24, 1928.

Ser. No. 532,901. ARMOUR AND COMPANY, Chicago, Ill. Filed Aug. 30, 1947.

STORK

Applicant claims ownership of registrations Nos. 40,024, 88,531, and 50,800.
FOR TOILET POWDERS AND BABY OIL.
Claims use since July 15, 1902.

Ser. No. 533,205. DR. SALSBURY LABORATORIES, Charles City, Iowa. Filed Sept. 3, 1947. Under section 2f of the act of 1946.

Dr. SALSBURY'S

Applicant claims ownership of registrations Nos. 420,354, 351,900, etc.
FOR ANTHELMINTICS, ANTIGENS, BACTERINS, CONDITIONERS, DISINFECTANTS, FUMIGANTS, HERBICIDES, INHALANTS, INSECTICIDES, OINTMENTS, RODENTICIDES, TONICS, VACCINES, AND PREPARATIONS FOR IRRIGATING AND WASHING EARS AND EXTERNAL MEMBRANES, FOR PREVENTING CANNIBALISM, FOR PREVENTING COCCIDIOSIS, AND FOR STIMULATING GROWTH, FOR TREATING POULTRY AND DOMESTIC ANIMALS AND FARM LIVESTOCK.
Claims use since 1924.

Ser. No. 534,311. DAVID ANTHONY MOLINARI, San Francisco, Calif. Filed Sept. 12, 1947.

SWEET DREAMS

FOR PERFUME, TOILET WATER, COLOGNE, COLD CREAM, AND LIPSTICK.
Claims use since May 1941.

Ser. No. 534,509. CAL-PRO LABORATORIES INC., Los Angeles, Calif. Filed Sept. 15, 1947.

Cal-Pro

FOR SCIENTIFICALLY COMPOUNDED PREPARATION FOR RELIEF OF HYPERACIDITY, ULCERATIONS, ABRASIONS, INDIGESTION, GASTRITIS, AND UP-SET STOMACH.
Claims use since February 1944.

Ser. No. 534,579. F. HOWARD WESTCOTT, doing business as The Nullo Company, New York, N. Y. Filed Sept. 15, 1947.

-NULLO-

FOR INGESTIBLE TABLETS HAVING THE PROPERTY, WHEN TAKEN INTERNALLY, OF ELIMINATING PERSONAL BODY ODORS.
Claims use since July 7, 1947.

Ser. No. 534,639. KRESS & OWEN COMPANY, New York, N. Y. Filed Sept. 16, 1947.

GLYCO-THYMOLINE

Applicant claims ownership of registrations Nos. 20,665, 38,081, 45,169, 241,934, and 369,803.
FOR ALKALINE, DEODORIZING AND NON-IRRITATING SOLUTION FOR APPLICATION TO SKIN AND MUCOUS MEMBRANES.
Claims use since Dec. 1, 1891.

Ser. No. 535,310. LADY ESTHER, LTD., Chicago, Ill. Filed Sept. 23, 1947.

ADULTS ONLY

FOR LIPSTICK AND LIP COLORING MATERIAL.
Claims use since Sept. 15, 1947.

Ser. No. 535,345. OD PEACOCK SULTAN COMPANY, St. Louis, Mo. Filed Sept. 23, 1947.

Thi-amino

No claims is made to the word "Amino" apart from the mark. Applicant claims ownership of registration No. 377,557.
FOR LIQUID VITAMIN PREPARATION FOR LOSS OF APPETITE AND FATIGABILITY.
Claims use since Aug. 24, 1939.

Ser. No. 540,051. THE DOW CHEMICAL COMPANY, Midland, Mich. Filed Nov. 4, 1947.

C·66

FOR AROMATIC CHEMICAL USEFUL AS A PERFUME BASE.
Claims use since Mar. 17, 1947.

Ser. No. 540,052. THE DOW CHEMICAL COMPANY, Midland, Mich. Filed Nov. 4, 1947.

C·64

FOR AROMATIC CHEMICAL USEFUL AS A PERFUME.
Claims use since May 10, 1946.

Ser. No. 540,813. HOOD CHEMICAL CO., INC., Pittsburgh, Pa. Filed Nov. 12, 1947.

Hoodchlor

FOR CALCIUM HYPOCHLORITE IN DRY POWDER FORM.
Claims use since June 1, 1941.

Ser. No. 540,865. PARFUMS SCHIAPARELLI, INC., New York, N. Y. Filed Nov. 12, 1947.

Sotto Voce

FOR PERFUMES.
Claims use since Oct. 31, 1947.

Ser. No. 542,303. FOOD MACHINERY CORPORATION, San Jose, Calif. Filed Nov. 25, 1947.

LIQUI-MIST

FOR INSECTICIDES.
Claims use since Sept. 24, 1947.

Ser. No. 542,371. THOMPSON-HAYWARD CHEMICAL COMPANY, Kansas City, Mo. Filed Nov. 25, 1947.

TOXICHLOR

FOR INSECTICIDES.
Claims use since July 15, 1947.

Ser. No. 542,603. LES PARFUMS DE DANA, INC., New York, N. Y. Filed Nov. 28, 1947.

BIS

FOR TOILET PREPARATIONS, PERFUMERY, AND COSMETICS—NAMELY, PERFUME, TOILET WATERS, LIPSTICKS, FACE POWDERS, TOILET CREAMS, AND ROUGE.
Claims use since Nov. 21, 1947.

Ser. No. 542,751. ENDO PRODUCTS INC., Richmond Hill, N. Y. Filed Nov. 29, 1947.

CELOTOL

FOR MEDICINE FOR HYPOCHROMIC ANEMIA.
Claims use since Nov. 1, 1947.

Ser. No. 543,035. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa. Filed Sept. 23, 1947.

GC

Applicant claims ownership of registration No. 307,397.
FOR SILICATE OF SODA, EITHER ANHYDROUS, HYDRATED, OR IN SOLUTION.
Claims use since Apr. 12, 1933.

Ser. No. 543,037. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa. Filed Sept. 23, 1947.

SS-C

Applicant claims ownership of registration No. 307,399.
FOR SILICATE OF SODA, EITHER ANHYDROUS, HYDRATED, OR IN SOLUTION.
Claims use since Jan. 1, 1932.

CLASS 7
CORDAGE

Ser. No. 534,771. JOHN H. GRAHAM & CO., INC., New York, N. Y. Filed Sept. 17, 1947.

BISON

FOR CLOTHES LINE.
Claims use since Mar. 26, 1940.

CLASS 11
INKS AND INKING MATERIALS

Ser. No. 535,976. MARKEM MACHINE COMPANY, Keene, N. H. Filed Sept. 27, 1947.

MARKEM

FOR PRINTERS' INK.
Claims use since June 15, 1921.

CLASS 12
CONSTRUCTION MATERIALS

Ser. No. 500,726. AMERICAN CRUCIBLE COMPANY, Shelton, Conn. Filed Sept. 25, 1947.

STARRLUM

FOR REFRACTORIES WHICH IN USE ARE SUBJECTED TO HIGH TEMPERATURES AND WHICH MAY FORM OR BE INCORPORATED IN OR USED IN CONNECTION WITH HEATING CHAMBERS AND FURNACES, AND CONTAINING ALUMINUM OXIDE AS AN ESSENTIAL INGREDIENT.
Claims use since Jan. 15, 1946.

Ser. No. 500,727. AMERICAN CRUCIBLE COMPANY, Shelton, Conn. Filed Sept. 25, 1947.

STARRMAG

FOR REFRACTORIES WHICH IN USE ARE SUBJECTED TO HIGH TEMPERATURES AND WHICH MAY FORM OR BE INCORPORATED IN OR USED IN CONNECTION WITH HEATING CHAMBERS AND FURNACES, AND CONTAINING MAGNESIUM OXIDE AS AN ESSENTIAL INGREDIENT.
Claims use since Sept. 14, 1945.

Ser. No. 531,222. LEWIS ASPHALT ENGINEERING CORPORATION, New York, N. Y., and Clark, N. J. Filed Aug. 13, 1947.

KARNAK

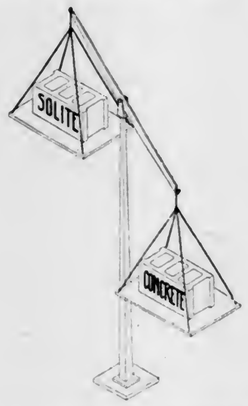
FOR EMULSIFIED ASPHALT WITH FIBRE FOR ROOF COATING.
Claims use since May 26, 1920.

Ser. No. 532,905. BIRD & SON, INC., East Walpole, Mass. Filed Aug. 30, 1947. Under section 2f of the act of 1946.

LOCK-BUTT

FOR ASPHALT SHINGLES.
Claims use since June 1, 1924.

Ser. No. 533,066. SOUTHERN LIGHTWEIGHT AGGREGATE CORP., Norfolk, Va. Filed Sept. 2, 1947.



No claim is made to the word "Concrete" and the representation of the concrete block.
FOR LIGHTWEIGHT CONCRETE AGGREGATE.
Claims use since Aug. 28, 1947.

Ser. No. 535,909. UNITED CO-OPERATIVES, INC., Alliance, Ohio. Filed Sept. 26, 1947.

UNICO
ALLIANCE

FOR ASPHALT-IMPREGNATED SHEET ROOFING SOLD IN ROLL FORM.
Claims use since May 1, 1947.

CLASS 14
METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 527,739. THE AMERICAN ROLLING MILL COMPANY, Middletown, Ohio. Filed July 5, 1947.

GT 45

FOR ALLOY STEEL AND CORROSION-RESISTING ALLOY STEEL IN THE FORM OF INGOTS, CASTINGS AND FORGINGS AND IN WROUGHT FORMS SUCH AS BILLETS, BARS, RODS, WIRE, AND THE LIKE.
Claims use since June 1, 1945.

CLASS 17
TOBACCO PRODUCTS

Ser. No. 536,917. P. LORILLARD COMPANY, New York, N. Y. Filed Oct. 6, 1947.

MECHANIC'S DELIGHT

FOR SMOKING AND CHEWING TOBACCO.
Claims use since 1899.

Ser. No. 536,918. P. LORILLARD COMPANY, New York, N. Y. Filed Oct. 6, 1947.

OMEGA

FOR CHEWING AND SMOKING TOBACCO.
Claims use since 1883.

Ser. No. 536,920. P. LORILLARD COMPANY, New York, N. Y. Filed Oct. 6, 1947.

RIPPLE

FOR SMOKING TOBACCO.
Claims use since 1899.

Ser. No. 536,922. P. LORILLARD COMPANY, New York, N. Y. Filed Oct. 6, 1947.

UNION LEADER

FOR CHEWING AND SMOKING TOBACCO.
Claims use since 1897.

CLASS 21
ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 505,723. AMERICAN THERMO APPLIANCE COMPANY, Milwaukee, Wis. Filed Aug. 19, 1947.



The vertical lining of the drawing indicates the color red.
FOR ELECTRIC SADIRONS.
Claims use since June 14, 1946.

Ser. No. 514,288. PHOTOSWITCH INCORPORATED, Cambridge, Mass. Filed Aug. 11, 1947.



Applicant claims ownership of registration No. 393,141.
FOR ELECTRICAL SIGNAL AMPLIFYING AND/OR RELAYING APPARATUS OPERATED BY PHENOMENA DETECTED PHOTOELECTRICALLY OR BY MEANS OF OTHER VARIABLE IMPEDANCE DEVICES SUCH AS ELECTRICAL PROBE ELEMENTS IN CONTACT WITH OR DISPOSED TO COME INTO CONTACT WITH AN AGENCY TO BE CONTROLLED, ELECTRICAL PROBE ELEMENTS AND SIMILAR APPARATUS FOR USE WITH SUCH RELAYING AND/OR SIGNAL AMPLIFYING APPARATUS, AND ELECTRICALLY OPERATED ILLUMINATION SOURCES FOR USE WITH SAID SIGNAL AMPLIFYING AND/OR RELAYING APPARATUS WHEN PHOTOELECTRICALLY OPERATED, THE FOREGOING APPARATUS BEING USED FOR CONTROLLING THE CONDITION OF A CONTROLLED CIRCUIT IN ACCORDANCE WITH THE CONDITION OF A DETECTED PHENOMENON AFFECTING THE DETECTING MEANS; ELECTRICAL TIME METERING DEVICES FOR PROVIDING AN ELECTRICAL SIGNAL OR SIGNALS OF A PREDETERMINED TIME DURATION OR DURATIONS SINGLY OR IN A PREDETERMINED SEQUENCE IN RESPONSE TO A CHANGE IN THE CONDITION OF THE INPUT CIRCUIT THEREOF, SAID TIME METERING DEVICES BEING INTENDED FOR USE ALONE OR IN COOPERATION WITH SAID FOREGOING RELAYING AND/OR AMPLIFYING APPARATUS; AND ELECTRICAL EQUIPMENT HOUSINGS AND PARTS AND ACCESSORIES FOR THE FOREGOING APPARATUS AND DEVICES.
Claims use since Sept. 18, 1946.

Ser. No. 517,807. WEBSTER-CHICAGO CORPORATION, Chicago, Ill. Filed Aug. 13, 1947.



Applicant claims ownership of registration No. 422,175.
FOR ELECTRICALLY OPERATED PHONOGRAPHS.
Claims use since Dec. 3, 1946.

Ser. No. 526,647. APPLETON ELECTRIC COMPANY, Chicago, Ill. Filed July 5, 1947.

UNILETS

Applicant claims ownership of registration No. 69,532.
FOR ELECTRICAL APPARATUS—NAMELY, JUNCTION AND SPLICING BOXES, FUSE AND SWITCH BOXES, PLUG RECEPTACLES, CIRCUIT BREAKERS AND MOTOR STARTERS, PANEL BOARDS, SEALING FITTINGS WHICH ARE CONNECTIONS BETWEEN CONDUITS TO EFFECT LOCAL SEALS ABOUT CABLES RUNNING THROUGH THE CONDUITS, FIXTURE HANGERS, AND LIGHTING FIXTURES.
Claims use since January 1908.

Ser. No. 527,518. JENSEN MANUFACTURING COMPANY, Chicago, Ill. Filed July 5, 1947. Under section 2f of the act of 1946.

Jensen

Applicant claims ownership of registrations Nos. 333,281, 333,887, and 426,072.
FOR ELECTRICAL APPARATUS—NAMELY, LOUD SPEAKERS OF BOTH DIRECT RADIATOR AND HORN TYPES, SOUND REPRODUCERS COMPRISING DIRECT RADIATOR LOUD SPEAKERS AND ENCLOSURES THEREFOR, LOUD SPEAKER SYSTEMS HAVING A PLURALITY OF LOUD SPEAKER UNITS WITH OR WITHOUT APPARATUS CONTAINING FREQUENCY DIVIDING NETWORKS; TRANSFORMERS; ELECTRONIC POWER SUPPLY UNITS; VOLUME AND LEVEL CONTROL APPARATUS; ACCESSORIES FOR LOUD SPEAKERS INCLUDING SUPPORTING AND TILTING MECHANISMS; AND PARTS FOR SUCH ELECTRICAL APPARATUS.
Claims use since 1928.

Ser. No. 530,615. BELDEN MANUFACTURING COMPANY, Chicago, Ill. Filed Aug. 6, 1947. Under section 2f of the act of 1946.

Belden

Applicant claims ownership of registration No. 420,949.
FOR ELECTRICAL WIRES, CABLES, AND CORDAGE, ELECTRICAL TERMINALS AND CONNECTORS, STRAIN RELIEFS, I. E., ANCHORING ELEMENTS FOR RELIEVING THE CONDUCTORS OR TERMINALS OF ELECTRICAL CORDS FROM TENSILE STRESSES TO WHICH THE CORDS MAY BE SUBJECTED; SWITCH PLATES, DISTRIBUTOR AND SPARK PLUG GUARDS, ELECTRIC CURRENT SUPPLY CORD SETS WITH OR WITHOUT CONNECTORS FOR CARRYING CURRENT FROM A DISTRIBUTION SOURCE TO AN APPLIANCE OR MACHINE, ASSEMBLIES WITH OR WITHOUT CONNECTORS USED FOR DISTRIBUTING ELECTRIC CURRENT WITHIN AN APPLIANCE OR MACHINE.
Claims use since November 1902.

Ser. No. 530,647. KISCO COMPANY, INC., St. Louis, Mo. Filed Aug. 6, 1947.

KISCO

FOR DEFLECTOR TYPE AIR CIRCULATORS EMPLOYING ELECTRICALLY DRIVEN FANS, INCLUDING FLOOR MODELS, DESK MODELS AND VERTICAL OR COLUMN TYPE CIRCULATORS, AND CEILING CIRCULATORS.
Claims use since Jan. 16, 1937.

Ser. No. 532,737. THE MAGNAVOX COMPANY, Fort Wayne, Ind. Filed Aug. 28, 1947.

Contemporary

FOR RADIO RECEIVING SETS AND RADIO PHONOGRAPH COMBINATION SETS, INCLUDING CABINETS THEREFOR.
Claims use since July 1940.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 526,687. ILLINOIS IRON & BOLT CO., Carpentersville, Ill. Filed July 5, 1947.

BADGER

Applicant claims ownership of registration No. 96,888.
FOR JACK-SCREWS.
Claims use since July 15, 1937.

Ser. No. 526,689. ILLINOIS IRON & BOLT CO., Carpentersville, Ill. Filed July 5, 1947.

VULCAN

Applicant claims ownership of registration No. 85,252.
FOR JACK-SCREWS.
Claims use since July 15, 1937.

Ser. No. 526,813. THE TANGLEFOOT COMPANY, Grand Rapids, Mich. Filed July 5, 1947.

INDUSPRAYOR

FOR ELECTRIC AIR COMPRESSOR SPRAYER.
Claims use since May 5, 1947.

CLASS 24

LAUNDRY APPLIANCES AND MACHINES

Ser. No. 505,192. FORSTER MANUFACTURING CO., INC., Strong, Maine. Filed July 5, 1947.

IDEAL

Applicant claims ownership of registration No. 35,326.
FOR CLOTHES-PINS.
Claims use since Oct. 1, 1936.

Ser. No. 530,378. THE J. R. CLARK COMPANY, Minneapolis, Minn. Filed Aug. 4, 1947.

LOW BOY

The word "Low" is disclaimed apart from the mark shown.
FOR CLOTHES DRYING RACKS.
Claims use since January 1925.

CLASS 25

LOCKS AND SAFES

Ser. No. 537,042. INDEPENDENT LOCK COMPANY, Fitchburg, Mass. Filed Oct. 7, 1947.

ILCO

Applicant claims ownership of registration No. 159,382.
FOR LOCKS AND KEYS.
Claims use since Jan. 1, 1921.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 496,767. C. G. CONN LTD., Elkhart, Ind. Filed July 11, 1947.

Stroboconn

FOR STROBOSCOPIC APPARATUS FOR MEASURING THE FREQUENCIES OF SOUNDS.
Claims use since Feb. 1, 1946.

Ser. No. 506,925. THE GARRETT CORPORATION (AIRSEARCH MANUFACTURING COMPANY DIVISION), Los Angeles, Calif. Filed July 5, 1947.

AIRESEARCH

FOR AUTOMATIC CONTROLLING VALVE UNITS FOR REGULATING AIR PRESSURE IN COMPARTMENTS OF AIRCRAFT, SAID VALVE BEING CONTROLLED IN ACCORDANCE WITH THE DIFFERENTIAL BETWEEN COMPARTMENT PRESSURE AND PRESSURE IN A CONTROL CHAMBER.
Claims use since July 11, 1941.

Ser. No. 526,690. THE TECHNICON CO., New York, N. Y. Filed July 5, 1947.

AUTOTECHNICON

Applicant claims ownership of registration No. 407,208.
FOR AUTOMATIC IMMERSION APPARATUS USED IN THE PREPARATION OF HISTOLOGICAL SPECIMENS.
Claims use since July 1939.

Ser. No. 527,321. JOSEPH A. LOEWINSOHN, Atlanta, Ga. Filed July 5, 1947.

SHIRT-O-GRAF

The word "Shirt" is disclaimed when used apart from the rest of the mark.
FOR MEASURING TAPE FOR DETERMINING SLEEVE LENGTHS AND COLLAR SIZES OF SHIRTS.
Claims use since June 24, 1947.

CLASS 27

HOROLOGICAL INSTRUMENTS

Ser. No. 534,905. L. & C. MAYERS CO., INC., New York, N. Y. Filed Sept. 18, 1947.

LYCEUM

Applicant claims ownership of registrations Nos. 252,672 and 252,527.
FOR WATCHES AND PARTS THEREOF.
Claims use since Feb. 1, 1928.

Ser. No. 535,949. THE WILLIAM L. GILBERT CLOCK CORPORATION, Winsted, Conn. Filed Sept. 27, 1947. Under section 2f of the act of 1946.

Gilbert
1807

Applicant claims ownership of registration No. 231,561.
FOR CLOCKS.
Claims use since Aug. 11, 1926.

Ser. No. 535,951. THE WILLIAM L. GILBERT CLOCK CORPORATION, Winsted, Conn. Filed Sept. 27, 1947. Under section 2f of the act of 1946.

Gilbert

Applicant claims ownership of registration No. 221,976.
FOR CLOCKS.
Claims use since Jan. 1, 1896.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Ser. No. 533,353. NATIONAL SILVER COMPANY, New York, N. Y. Filed Sept. 4, 1947.

BROADMOOR

FOR STERLING SILVER AND SILVER PLATED FLATWARE, HOLLOW WARE, AND TABLEWARE.
Claims use since July 28, 1947.

Ser. No. 534,046. NATIONAL SILVER COMPANY, New York, N. Y. Filed Sept. 10, 1947.

Southern Belle

FOR STERLING SILVER AND SILVER-PLATED FLATWARE—NAMELY, KNIVES, FORKS, SPOONS, SUGAR SHELLS, AND GRAVY LADLES.
Claims use since January 1933.

Ser. No. 534,081. BLANCARD & CO., INC., New York, N. Y. Filed Sept. 11, 1947.

LOHENGRIN

Applicant claims ownership of registration No. 214,411.
FOR FINGER RINGS.
Claims use since Sept. 1, 1925.

Ser. No. 534,253. THE EASTERLING COMPANY, Chicago, Ill. Filed Sept. 12, 1947.

Rosemary

FOR STERLING SILVER FLATWARE AND HOLLOW WARE.
Claims use since March 1945.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 527,170. DUKE MANUFACTURING CO., St. Louis, Mo. Filed July 5, 1947.

Duke

Applicant claims ownership of registrations Nos. 274,575, 275,715, and 369,025.
FOR PASTRY COUNTERS, BAKERS' TABLES, SETUP TABLES WITH TRAY RACKS, PLATE-STORAGE CABINETS, KITCHEN CABINETS, BACK BARS, PASTRY CASES, CAFETERIA COUNTERS, FOUNTAIN COUNTERS, GALVANIZED TOP TABLES, STEEL-TOP TABLES, WOOD-TOP TABLES, TABLES WITH DRAWERS, TABLES WITH SHELVING, TABLES WITH CLOSED CABINET BASE, METAL SHELVING, WALL CABINETS, STORAGE CABINETS, CENTER BARS, STOOLS FOR RESTAURANT OR BAR USE, LUNCH COUNTERS, DELICATESSEN COUNTERS, AND SERVICE COUNTERS.
Claims use since Sept. 9, 1925.

Ser. No. 530,269. THE VINCENT-MCCALL COMPANY, Kenosha, Wis. Filed Aug. 1, 1947.

Silhouette

FOR MATTRESSES AND BOXSPRINGS.
Claims use since June 9, 1947.

Ser. No. 531,582. ERO MANUFACTURING COMPANY, Chicago, Ill. Filed Aug. 16, 1947.

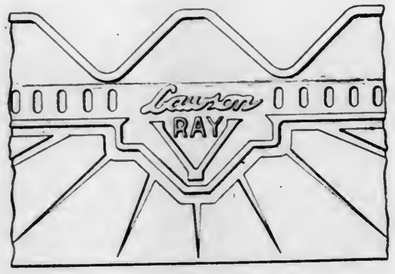
Relaxon

Applicant claims ownership of registration No. 429,184.
FOR HASSOCKS.
Claims use since August 1938.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Ser. No. 520,130. UNITED STATES STOVE COMPANY, South Pittsburg, Tenn. Filed Aug. 11, 1947. Under section 2f of the act of 1946.



Applicant claims ownership of registration No. 389,575.
FOR GAS TYPE RADIANT HEATERS.
Claims use since June 1935.

Ser. No. 531,776. CRIBBEN AND SEXTON COMPANY, Chicago, Ill. Filed Aug. 19, 1947.

Universal

Applicant claims ownership of registration No. 363,261.
FOR STOVES, RANGES, AND HOT-AIR FURNACES OF THE TYPES HEATED BY COAL, WOOD, AND GAS, AND PARTS OF SUCH STOVES, RANGES, AND HOT-AIR FURNACES.
Claims use since July 15, 1947.

Ser. No. 532,216. GENERAL WATER HEATER CORPORATION, Los Angeles, Calif. Filed Aug. 23, 1947.

Captain

FOR GAS HEATED HOT-WATER STORAGE SYSTEMS AND APPLIANCES.
Claims use since June 6, 1928.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 532,389. CHICAGO BELTING COMPANY, Chicago, Ill. Filed Aug. 1, 1947. Under section 2f of the act of 1946.

YARNMAKER

Applicant claims ownership of registration No. 218,343.
FOR LEATHER BELTING.
Claims use since July 27, 1925.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Ser. No. 513,940. ROYAL PLASTICS CORPORATION, assignee of King Record Co., Cincinnati, Ohio. Filed July 29, 1947.

QUEEN

FOR GROOVED PHONOGRAPH RECORDS.
Claims use since Nov. 1, 1946.

CLASS 37

PAPER AND STATIONERY

Ser. No. 439,297. W. A. SHEAFFER PEN COMPANY, Fort Madison, Iowa. Filed July 5, 1947. Under section 2f of the act of 1946.

Fineline

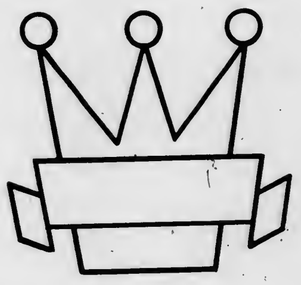
FOR MECHANICAL PENCILS, PARTS THEREOF AND LEADS THEREFOR.
Claims use since Aug. 19, 1938.

Ser. No. 531,275. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio. Filed Aug. 13, 1947.



Applicant claims ownership of registration No. 71,057.
FOR PAPER TABLETS.
Claims use since Mar. 24, 1897.

Ser. No. 531,697. THE MONARCH MARKING SYSTEM COMPANY, Dayton, Ohio. Filed Aug. 18, 1947.



FOR PRICE TAGS AND TICKETS.
Claims use since Oct. 20, 1941.

Ser. No. 531,807. KIMBERLY-CLARK CORPORATION, Neenah, Wis. Filed Aug. 19, 1947.

Hifect

Applicant claims ownership of registration No. 309,338.
FOR BOOK PAPER.
Claims use since Aug. 4, 1947.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 532,964. LAWRENCE J. STEINBUGLER, Brooklyn, N. Y. Filed Aug. 30, 1947.

SYLLABLEGRAM

FOR WORD-FORMING PUZZLE PUBLICATIONS FOR USE IN NEWSPAPERS, BOOKS, AND PERIODICALS; AND IN THE FORM OF INDIVIDUAL PUZZLE SHEETS.
Claims use since July 14, 1947.

Ser. No. 537,887. GARTNER AND BENDER, INC., Chicago, Ill. Filed Oct. 15, 1947.

MIRROTONE

FOR GREETING CARDS.
Claims use since July 7, 1947.

Ser. No. 539,039. GENERAL FEATURES CORPORATION, New York, N. Y. Filed Oct. 25, 1947.

Just Between Us

FOR NEWSPAPER COLUMN.
Claims use since January 1947.

CLASS 39

CLOTHING

Ser. No. 518,403. ALBERT HOCHBERG CO., INC., New York, N. Y. Filed Oct. 18, 1947.

The Austinaire

FOR LADIES', MISSES', AND GIRLS' DRESSES, BLOUSES, AND JACKETS.
Claims use since Feb. 1, 1946.

Ser. No. 526,542. SAN LOO, INC., St. Louis, Mo. Filed July 5, 1947.

San Loo

FOR WOMEN'S AND MISSES' SHOES OF LEATHER, FABRIC, AND COMBINATIONS THEREOF; BELTS OF THE APPAREL TYPE AND HATS.
Claims use since Apr. 21, 1947.

Ser. No. 526,768. SCHULTZ-ROSKY-BLOCK CO., Chicago, Ill. Filed July 5, 1947. Under section 2f of the act of 1946.

Sarby

FOR MEN'S AND BOYS' JACKETS, SWEATERS, BEACH AND LOUNGING ROBES, UNDERWEAR, HOSIERY, PAJAMAS, NIGHTSHIRTS, MUFFLERS, AND SWIM TRUNKS.
Claims use since March 1940.

Ser. No. 526,946. DURHAM HOSIERY MILLS, Durham, N. C. Filed July 5, 1947. Under section 2f of the act of 1946.

VENETIAN

Applicant claims ownership of registration No. 185,946.
FOR HOSIERY.
Claims use since Mar. 27, 1923.

Ser. No. 526,947. DURHAM HOSIERY MILLS, Durham, N. C. Filed July 5, 1947. Under section 2f of the act of 1946.

DURABLE

DURHAM

Applicant claims ownership of registration No. 147,845.
FOR HOSIERY.
Claims use since Nov. 1, 1917.

Ser. No. 527,380. PIONEER SUSPENDER COMPANY, Philadelphia, Pa. Filed July 5, 1947.

"BRETELLES" "LaFayette"

No claim is made to the term "Bretelles." Applicant claims ownership of registration No. 318,259.
FOR MEN'S SUSPENDERS.
Claims use since Feb. 19, 1934.

Ser. No. 528,743. SE-LING HOSIERY, INCORPORATED, Philadelphia, Pa. Filed July 16, 1947.

Killarney

Applicant claims ownership of registration No. 280,337.
FOR HOSIERY.
Claims use since July 30, 1929.

Ser. No. 530,254. PROGRESSIVE COAT CO., New York, N. Y. Filed Aug. 1, 1947.

Regal Manor

FOR MEN'S AND BOYS' SUITS, TOPCOATS, OVERCOATS, SPORTCOATS, SLACKS, JACKETS, TROUSERS, AND OUTER SHIRTS.
Claims use since July 21, 1947.

Ser. No. 530,278. AMCO SPORTS DISTRIBUTORS, St. Louis, Mo. Filed Aug. 2, 1947.

AMSPORT

FOR MEN'S AND WOMEN'S SPORT APPAREL—NAMELY, SWEAT-SHIRTS, SWEAT PANTS, BASKET BALL AND GYM PANTS AND SHIRTS, TENNIS SHORTS, ATHLETIC SOCKS, BASE BALL UNIFORMS, FOOT BALL UNIFORMS, AND SWIMMING SUITS.
Claims use since Dec. 1, 1946.

Ser. No. 531,366. POWELL & CAMPBELL, INC., New York, N. Y. Filed Aug. 14, 1947.

SHOE KING

Applicant disclaims the generic word "Shoe" separately from the mark shown.
FOR BOOTS, SHOES, SLIPPERS, SANDALS, AND RUBBERS MADE OF LEATHER, RUBBER, CANVAS AND FABRIC, AND COMBINATIONS THEREOF, FOR MEN, WOMEN, CHILDREN, INFANTS, AND BABIES.
Claims use since June 1, 1905.

Ser. No. 531,495. MEIER & FRANK CO., INC., doing business as Meier & Frank Co., Portland, Oreg. Filed Aug. 15, 1947.

Claybrooke

Applicant claims ownership of registration No. 231,095.
FOR MEN'S AND BOYS' SUITS AND OVERCOATS; OUTER SHIRTS, UNDERSHIRTS, SHORTS, SOCKS, HATS, PAJAMAS, AND SHOES MADE OF LEATHER, FABRIC, RUBBER, PLASTIC, AND COMBINATIONS THEREOF.
Claims use since Aug. 1, 1925.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 536,465. TIP-TOP PRODUCTS COMPANY, Omaha, Nebr. Filed Oct. 1, 1947.

Tip-Top

Applicant claims ownership of registration No. 335,323.
FOR NON-ELECTRIC HAIR CURLERS, WAVE CLIPS, AND BACHELOR BUTTONS.
Claims use since Aug. 5, 1934, on hair curlers; since Mar. 1, 1946, on wave clips; and since June 1, 1946, on bachelor buttons.

CLASS 43

THREAD AND YARN

Ser. No. 535,464. BELDING HEMINWAY COMPANY, New York, N. Y., assignor to Belding Heminway Company, Inc., New York, N. Y., a corporation of Delaware. Filed Sept. 24, 1947.

NYMO

FOR THREADS USED FOR SEWING, KNITTING, AND WEAVING.
Claims use since Feb. 13, 1946.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 512,579. CORALITE DENTAL PRODUCTS COMPANY, Chicago, Ill. Filed July 12, 1947.

Alginu

FOR DENTAL IMPRESSION MATERIALS OF ALGINATE COMPOSITION, USED IN TAKING INTRA-ORAL IMPRESSIONS OF THE HUMAN MOUTH.
Claims use since Oct. 21, 1946.

Ser. No. 526,836. E. A. MYERS & SONS, Mount Lebanon and Pittsburgh, Pa. Filed July 5, 1947.

PERMO-MAGNETIC

The word "Magnetic" is disclaimed apart from the mark.
FOR ELECTRICALLY OPERABLE HEARING AID PROVIDED WITH A MAGNETIC MICROPHONE AND A MAGNETIC RECEIVER.
Claims use since Dec. 28, 1946.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 510,345. RAYTHEON MANUFACTURING COMPANY, Newton, Mass. Filed Sept. 6, 1947.

RADADOG

FOR FRANKFORT SANDWICHES.
Claims use since Oct. 4, 1946.

Ser. No. 510,346. RAYTHEON MANUFACTURING COMPANY, Newton, Mass. Filed Sept. 6, 1947.

RADACAKE

FOR PREPARED CAKE MIX.
Claims use since Oct. 4, 1946.

Ser. No. 510,347. RAYTHEON MANUFACTURING COMPANY, Newton, Mass. Filed Sept. 6, 1947.

RADABURG

FOR BUNS CONTAINING HAMBURG PATTIES.
Claims use since Oct. 4, 1946.

Ser. No. 510,349. RAYTHEON MANUFACTURING COMPANY, Newton, Mass. Filed Sept. 6, 1947.

RADALOAF

FOR PREPARED MUFFIN MIX.
Claims use since Oct. 4, 1946.

Ser. No. 510,351. RAYTHEON MANUFACTURING COMPANY, Newton, Mass. Filed Sept. 6, 1947.

RADAMIX

FOR PREPARED GINGERBREAD MIX.
Claims use since Oct. 4, 1946.

Ser. No. 510,352. RAYTHEON MANUFACTURING COMPANY, Newton, Mass. Filed Sept. 6, 1947.

RADAFLOUR

FOR WHOLE WHEAT FLOUR.
Claims use since Oct. 4, 1946.

Ser. No. 510,353. RAYTHEON MANUFACTURING COMPANY, Newton, Mass. Filed Sept. 6, 1947.

RADABUN

FOR SANDWICHES.
Claims use since Oct. 4, 1946.

Ser. No. 512,569. BEAN SPROUT GROWERS ASSOCIATION, INC., Duluth, Minn. Assignor to Jeno F. Paulucci Duluth, Minn. Filed July 5, 1947.



The drawing is lined to represent the colors gray and pink, and the picture of the male character is fanciful. Applicant claims ownership of registration No. 422,687.
FOR CANNED BEAN SPROUTS, CHOP SUEY OR CHOW MEIN VEGETABLES, BEAN SPROUTS WITH SLICED MUSHROOMS AND PIMENTOS, CHOW MEIN NOODLES, SOYA SAUCE, CHOW MEIN CHICKEN STYLE, CHOP SUEY BEEF STYLE, MEATLESS BEEF STYLE CHOP SUEY, AND VEGETABLE CHOW MEIN WITH GRAVY.
Claims use since Jan. 1, 1946.

Ser. No. 526,749. CHURCH & DWIGHT CO., INC., New York, N. Y. Filed July 5, 1947.



The trade-mark consists of an annular band, colored gilt. Applicant claims ownership of registrations Nos. 55,665, 59,574, 59,817, 60,407, 258,596, 258,598, 258,621, 258,622, 360,880, 360,881, etc.
FOR BAKING POWDER FOR USE AS AN INGREDIENT IN THE PREPARATION OF FOODS.
Claims use since 1869.

Ser. No. 528,462. GORDON, WOLF, COWEN CO., INC., New York, N. Y. Filed July 12, 1947.

HALVAHNET

Applicant claims ownership of registration No. 124,096.
FOR HALVAH CANDY.
Claims use since Feb. 1, 1918.

Ser. No. 531,690. THOMAS J. LIPTON, INC., Hoboken, N. J. Filed Aug. 18, 1947.



The mark consists of a portrait of the late Sir Thomas J. Lipton. Applicant claims ownership of registrations Nos. 396,143, 396,144, 396,145, and 396,146.
FOR TEA.
Claims use since May 1932.

Ser. No. 531,691. THOMAS J. LIPTON, INC., Hoboken, N. J. Filed Aug. 18, 1947.

Thomas J. Lipton

The mark consists of a facsimile of the signature of the late Sir Thomas J. Lipton. Applicant claims ownership of registrations Nos. 396,143, 396,144, 396,145, and 396,146.
FOR TEA.
Claims use since 1893.

Ser. No. 532,161. POINT ADAMS PACKING CO., Hammond, Oreg. Filed Aug. 22, 1947.

Dress Parade

FOR CANNED SALMON.
Claims use since Apr. 23, 1942.

Ser. No. 533,895. THE HOUGHLAND PACKING CO., INC., Franklin, Ind. Filed Sept. 9, 1947.

GARDEN QUEEN

Applicant claims ownership of registration No. 223,755.
FOR CANNED VEGETABLES.
Claims use since July 17, 1926.

Ser. No. 542,020. FILICE & PERRELLI CANNING COMPANY, INC., Richmond, Calif. Filed Nov. 22, 1947.

YOSEMITE

Applicant claims ownership of registration Nos. 182,348 and 410,977.
FOR CANNED FRUITS AND CANNED VEGETABLES.
Claims use since 1902.

CLASS 55

SERVICES

Ser. No. 526,581. NATIONAL INDUSTRIAL LAUNDRIES, Newark, N. J. Filed July 5, 1947.

National Industrial Laundries

"Industrial Laundries" is disclaimed apart from the mark.
FOR LAUNDRY SERVICES.
Claims use since Jan. 1, 1946.

TRADE-MARK REGISTRATIONS GRANTED

ACT OF 1905

APRIL 20, 1948

438,371. PAINTS (READY MIXED OR LIQUID, PASTE FORM, AND DRY), PAINT ENAMELS, JAPANS, AND VARNISHES. PAINT MERCHANDISING COUNCIL, Chicago, Ill.
Filed August 10, 1943. Serial No. 462,649. PUBLISHED APRIL 4, 1944. Class 16.

438,372. METER FOR MEASURING AND INDICATING THE FLOW OF FLUIDS. SELAS CORPORATION OF AMERICA, Philadelphia, Pa.
Filed August 14, 1944. Serial No. 473,261. PUBLISHED APRIL 8, 1947. Class 26.

438,373. INDICATORS WHICH ARE ADAPTED TO CHANGE COLOR WHEN SUBJECTED TO A PREDETERMINED TIME-TEMPERATURE EXPOSURE. ASEPTIC-THERMO INDICATOR CO., Los Angeles, Calif.
Filed September 23, 1944. Serial No. 474,522. PUBLISHED JANUARY 20, 1948. Class 26.

438,374. INDICATORS WHICH ARE ADAPTED TO CHANGE COLOR WHEN SUBJECTED TO A PREDETERMINED TIME-TEMPERATURE EXPOSURE. ASEPTIC-THERMO INDICATOR CO., Los Angeles, Calif.
Filed September 23, 1944. Serial No. 474,523. PUBLISHED JANUARY 20, 1948. Class 26.

438,375. CLUTCHES OTHER THAN FOR USE IN CONNECTION WITH AUTOMOBILE DRIVE TRANSMISSIONS. THE MASTER ELECTRIC COMPANY, Dayton, Ohio.
Filed April 11, 1945. Serial No. 482,003. PUBLISHED JANUARY 20, 1948. Class 23.

438,376. PAINTS—NAMELY, ANTI-FOULING PAINTS AND PIGMENTS FOR ANTI-FOULING PAINTS, AND ASPHALTIC AND BITUMINOUS PAINTS. H. H. ROBERTSON COMPANY, Pittsburgh, Pa.
Filed May 9, 1945. Serial No. 483,152. PUBLISHED JANUARY 13, 1948. Class 16.

438,377. READY-MIXED PAINTS AND VARNISHES. COMMONWEALTH VARNISH CO., Chicago, Ill.
Filed May 12, 1945. Serial No. 483,259. PUBLISHED JANUARY 13, 1948. Class 16.

438,378. CALCULATING DEVICES—NAMELY, SLIDE RULES. EUGENE DIETZGEN CO., Chicago, Ill.
Filed May 26, 1945. Serial No. 483,810. PUBLISHED JANUARY 20, 1948. Class 26.

438,379. CALCULATING DEVICES—NAMELY, SLIDE RULES. EUGENE DIETZGEN CO., Chicago, Ill.
Filed June 23, 1945. Serial No. 484,945. PUBLISHED JANUARY 20, 1948. Class 26.

438,380. MEN'S SHOES OF LEATHER, RUBBER, FABRIC, OR COMBINATIONS THEREOF. COMMONWEALTH SHOE AND LEATHER COMPANY, Whitman, Mass.
Filed July 26, 1945. Serial No. 486,291. PUBLISHED JANUARY 20, 1948. Class 39.

438,381. FRESH TOMATOES. MYLES L. GREENE, doing business as Myles L. Greene & Co., Fort Lauderdale, Fla.
Filed September 17, 1945. Serial No. 488,586. PUBLISHED JANUARY 13, 1948. Class 46.

438,382. BOOTS AND SHOES COMPOSED OF RUBBER OR RUBBER AND FABRIC. UNITED STATES RUBBER COMPANY, New York, N. Y.
Filed September 17, 1945. Serial No. 488,628. PUBLISHED JANUARY 20, 1948. Class 39.

438,383. MISSES' AND GROWING GIRLS' SHOES MADE FROM LEATHER AND COMBINATIONS OF LEATHER AND FABRIC. ENDICOTT JOHNSON CORPORATION, Endicott, N. Y.
Filed October 8, 1945. Serial No. 489,574. PUBLISHED JANUARY 20, 1948. Class 39.

438,384. MOTORCYCLES. JOHN N. GLADDEN, Glendale, Calif.
Filed October 22, 1945. Serial No. 490,303. PUBLISHED JANUARY 21, 1947. Class 19.

438,385. ELECTRICALLY ACTUATED COUNTING APPARATUS ESPECIALLY ADAPTED FOR USE IN CONNECTION WITH MULLING MACHINES FOR TIMING BATCH MULLING, SIGNALLING THE END OF THE MULLING PERIOD, AND COUNTING THE MULLED BATCHES. HAROLD K. LEEDY, doing business as Controlamix Co., Milwaukee, Wis.
Filed December 22, 1945. Serial No. 493,786. PUBLISHED JANUARY 20, 1948. Class 26.

438,386. SMOKERS' ARTICLES—NAMELY, TOBACCO POUCHES, CIGAR CASES AND CIGARETTE CASES NOT OF PRECIOUS METAL, CIGAR AND CIGARETTE HOLDERS, NOT OF PRECIOUS METAL. FRAN-STEF MFG. CO., New York, N. Y.
Filed January 4, 1946. Serial No. 494,268. PUBLISHED JANUARY 27, 1948. Class 8.

438,387. TROUSERS, BREECHES, SLACKS, VESTS, COATS, SHIRTS, AND CAPS FOR MEN, WOMEN, AND CHILDREN. MARSHALL CLOTHING MANUFACTURING COMPANY, Butler, Ind.
Filed January 24, 1946. Serial No. 495,316. PUBLISHED JANUARY 13, 1948. Class 39.

438,388. WATERPROOF BABY PANTS. IRVING H. BENEDICT, doing business as Novo Process Co., New York, N. Y.
Filed March 2, 1946. Serial No. 497,524. PUBLISHED JANUARY 13, 1948. Class 39.

438,389. BOOTS AND SHOES MADE OF LEATHER, FABRIC, OR COMBINATIONS THEREOF. THE H. C. GODMAN COMPANY, Columbus, Ohio.
Filed March 20, 1946. Serial No. 498,625. PUBLISHED JANUARY 20, 1948. Class 39.

438,390. MEN'S HOSE. ROBBINS & NAUMBURG CO., New York, N. Y.
Filed March 29, 1946. Serial No. 499,283. PUBLISHED JANUARY 13, 1948. Class 39.

438,391. HAND OPERATED, LIQUID CHEMICAL FIRE EXTINGUISHERS. BOKA SALES CORPORATION, New York, N. Y., now by change of name Boka Manufacturing Corp.
Filed April 10, 1946. Serial No. 499,940. PUBLISHED JANUARY 27, 1948. Class 23.

438,392. ENAMEL PAINTS, LACQUER PAINTS, AND PRIMER PAINTS. THE ARCO COMPANY, Cleveland, Ohio.
Filed May 8, 1946. Serial No. 501,623. PUBLISHED MAY 13, 1947. Class 16.

438,393. LADIES' AND GIRLS' SHOES MADE OF LEATHER AND FABRIC. ABRAM'S HARDWEAR SHOES, Philadelphia, Pa.
Filed May 10, 1946. Serial No. 501,805. PUBLISHED JANUARY 13, 1948. Class 39.

438,394. MEN'S AND BOYS' SHOES MADE OF LEATHER AND FABRIC. ABRAM'S HARDWEAR SHOES, Philadelphia, Pa.
Filed May 10, 1946. Serial No. 501,806. PUBLISHED JANUARY 13, 1948. Class 39.

438,395. SELF-MEASURING GASOLINE PUMPS. WILLIAM M. WILSON'S SONS, INC., Lansdale, Pa.
Filed June 5, 1946. Serial No. 503,336. PUBLISHED JANUARY 20, 1948. Class 26.

438,396. METALLIC OR NON-METALLIC PIPE FOR WATER, STEAM, OIL, GAS, AIR, SEWERAGE, VAPOR, CHEMICALS, LIQUIDS, AND ALL OTHER METALLIC OR NON-METALLIC PIPE FOR DOMESTIC, MANUFACTURING AND INDUSTRIAL PURPOSES, ETC. UNITED ASSOCIATION OF JOURNEYMEN PLUMBERS AND STEAMFITTERS OF THE UNITED STATES AND CANADA, Washington, D. C.
Filed June 7, 1946. Under the act of February 20, 1905, as amended June 10, 1938. Serial No. 503,486. PUBLISHED JANUARY 20, 1948. Class 13.

438,397. INDOOR GOLF GAME. JEAN HAYEM, Montlucon, France.
Filed July 17, 1946. Serial No. 505,751. PUBLISHED JANUARY 6, 1948. Class 22.

438,398. NON-ALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS. ROBERT LAMONT, doing business as Red Rock Beverage Co., Altoona, Pa.
Filed July 17, 1946. Serial No. 505,755. PUBLISHED FEBRUARY 10, 1948. Class 45.

438,399. SHOWER CURTAINS. HOUSE BEAUTIFUL CURTAINS, INC., New York, N. Y.
Filed July 18, 1946. Serial No. 505,830. PUBLISHED JANUARY 27, 1948. Class 13.

438,400. LADIES' SUITS, DRESSES, BLOUSES, SPORT JACKETS, OUTER SKIRTS, SLACKS, AND OUTER SHIRTS. FABRICS OF UNITED KINGDOM, LIMITED, New York, N. Y.
Filed August 12, 1946. Serial No. 507,247. PUBLISHED JANUARY 20, 1948. Class 39.

438,401. HOSIERY. WEST CREEK HOSIERY CO., Tuckerton, N. J.
Filed August 14, 1946. Serial No. 507,448. PUBLISHED JANUARY 13, 1948. Class 39.

438,402. STEEL RULES. CONSOLIDATED RAZOR BLADE CO., INC., doing business as Steel Tape Co. of America, Jersey City, N. J.
Filed August 20, 1946. Serial No. 507,672. PUBLISHED JANUARY 20, 1948. Class 26.

438,403. STEEL RULES. CONSOLIDATED RAZOR BLADE CO., INC., doing business as Steel Tape Co. of America, Jersey City, N. J.
Filed August 20, 1946. Serial No. 507,673. PUBLISHED JANUARY 20, 1948. Class 26.

438,404. SHOES MADE OF LEATHER, FABRIC AND COMBINATIONS THEREOF. GENERAL SHOE CORPORATION, Nashville, Tenn.
Filed August 30, 1946. Serial No. 508,281. PUBLISHED JANUARY 20, 1948. Class 39.

438,405. RUBBERIZED LIQUID LACQUER. WORTH LACQUER AND CHEMICAL COMPANY, Long Island City, N. Y., assignor to Worth Lacquer and Chemical Company, Inc., New York, N. Y.
Filed August 30, 1946. Serial No. 508,350. PUBLISHED JANUARY 13, 1948. Class 16.

438,406. CHILDREN'S PLAY GARMENTS—NAMELY, OVERALLS, SUN SUITS, SHIRTS, AND PINAFORES. THE JETMORE CO., Olathe, Kans.
Filed September 9, 1946. Serial No. 508,734. PUBLISHED JANUARY 13, 1948. Class 39.

438,407. STOP VALVES AND COMBINATION STOP AND DRAIN VALVES. HAYS MANUFACTURING COMPANY, Erie, Pa.
Filed September 18, 1946. Serial No. 509,274. PUBLISHED JANUARY 27, 1948. Class 13.

438,408. CHILDREN'S GARMENTS—NAMELY, DRESSES, PINAFORES, BLOUSES, AND SUNSUITS. BOW AGE, INC., New York, N. Y.
Filed September 21, 1946. Serial No. 509,498. PUBLISHED JANUARY 13, 1948. Class 39.

438,409. SHOES MADE OF LEATHER AND FABRIC. YANKEE SHOEMAKERS, INC., Newmarket, N. H.
Filed September 21, 1946. Serial No. 509,550. PUBLISHED JANUARY 20, 1948. Class 39.

438,410. FRY PANS. CARL RENDLER, Los Angeles, Calif.
Filed September 23, 1946. Serial No. 509,601. PUBLISHED JANUARY 27, 1948. Class 13.

438,411. SCRATCH AND MAR REMOVER FOR FURNITURE, NEW OR OLD. TIDY HOUSE PRODUCTS COMPANY, Des Moines, Iowa.
Filed September 26, 1946. Serial No. 509,798. PUBLISHED JANUARY 13, 1948. Class 16.

438,412. THERMISTOR DEVICES—NAMELY, ELECTRICALLY OPERATED THERMO BEADS WHICH CHANGE THEIR RESISTANCE WITH CHANGES IN TEMPERATURE, AND ARE USED AS AN ARM OF A WHEATSTONE BRIDGE CIRCUIT FOR CONTROLLING AND MEASURING AMBIENT TEMPERATURE VARIATIONS IN CONNECTION WITH THE TESTING OF RADAR AND RADIO EQUIPMENT, ETC. ELECTRA VOICE CORPORATION, Chicago, Ill.
Filed September 27, 1946. Serial No. 509,835. PUBLISHED JANUARY 20, 1948. Class 26.

438,413. UNIT ASSEMBLIES OF CUT-OUT LEATHER OR FELT PIECES AND LACINGS FOR MAKING UP INTO A CAP, SOLD IN PACKAGED FORM. CHARLES R. BROOKS, doing business as Brookscraft Industries, Knoxville, Tenn.
Filed October 3, 1946. Serial No. 510,158. PUBLISHED JANUARY 13, 1948. Class 39.

438,414. CAMERAS, PROJECTORS, AND VIEWERS USED FOR TAKING, PROJECTING, AND VIEWING THREE DIMENSIONAL PICTURES. GOLDE MANUFACTURING COMPANY, Chicago, Ill.
Filed October 5, 1946. Serial No. 510,316. PUBLISHED JANUARY 20, 1948. Class 26.

438,415. ELECTRIC FLOOR POLISHER. BURKAW ELECTRIC CO., New York, N. Y., assignor to Floor-O-Matic Inc., New York, N. Y.
Filed October 8, 1946. Serial No. 510,421. PUBLISHED JANUARY 27, 1948. Class 21.

438,416. MEN'S, WOMEN'S, AND CHILDREN'S HOSIERY AND KNIT UNDERWEAR. SIMON WOLFF, doing business as Simon Wolff & Co., New York, N. Y.
Filed October 25, 1946. Serial No. 511,526. PUBLISHED JANUARY 13, 1948. Class 39.

438,417. BUS BAR ELECTRICAL DISTRIBUTION SYSTEM APPARATUS—NAMELY, BUS BARS, CONNECTORS, INSULATORS AND HOUSINGS FOR BUS BARS, ETC. THE TRUMBULL ELECTRIC MANUFACTURING CO., Plainville, Conn.
Filed October 29, 1946. Serial No. 511,706. PUBLISHED JANUARY 20, 1948. Class 21.

438,418. MISSES' AND JUNIOR MISSES' COATS AND SUITS. JOE & TED FUNK INC., New York, N. Y.
Filed November 1, 1946. Serial No. 511,869. PUBLISHED JANUARY 13, 1948. Class 39.

438,419. LEATHER SHOES. CHARLES W. DEAN, Middleboro, Mass.
Filed November 5, 1946. Serial No. 512,054. PUBLISHED JANUARY 20, 1948. Class 39.

438,420. PHOTOGRAPHIC PRINTING MASKS. FREDERICK D. FISHER, Elmhurst, N. Y.
Filed November 8, 1946. Serial No. 512,248. PUBLISHED JANUARY 20, 1948. Class 26.

438,421. WORKMEN'S LEATHER SHOES AND LEATHER BOOTS. KARL L. KRAUSE, doing business as Buffalo Shoe Mfg. Co., Seattle, Wash.
Filed November 8, 1946. Serial No. 512,267. PUBLISHED JANUARY 27, 1948. Class 39.

438,422. TOY KITES. SANDY LANO, Chicago, Ill.
Filed November 8, 1946. Serial No. 512,268. PUBLISHED DECEMBER 2, 1947. Class 22.

438,423. ELECTRIC CIGARETTE VENDING MACHINES. MARIO CARUSO, Newark, N. J., assignor to C-8 Laboratories, Newark, N. J.
Filed November 9, 1946. Serial No. 512,320. PUBLISHED JANUARY 20, 1948. Class 23.

438,424. PHOTOGRAPHIC APPARATUS, COMPRISING CAMERAS, ETC. ALOS A. G., Zurich, Switzerland.
Filed November 12, 1946. Serial No. 512,360. PUBLISHED JANUARY 20, 1948. Class 26.

438,425. WOMEN'S, MISSES', AND CHILDREN'S OUTER CLOTHING AND UNDERGARMENTS—NAMELY, COATS, SUITS, DRESSES, FUR COATS, FUR SCARFS, FUR MUFFS, EVENING WRAPS, ETC. SPECIALTY STORES ASSOCIATION INC., New York, N. Y.
Filed November 22, 1946. Under the act of February 20, 1905, as amended June 10, 1938. Serial No. 513,073. PUBLISHED JANUARY 27, 1948. Class 39.

438,426. MEN'S HATS. HAT CORPORATION OF AMERICA, Norwalk, Conn.
Filed November 23, 1946. Serial No. 513,110. PUBLISHED JANUARY 13, 1948. Class 39.

438,427. NAPHTHAS FOR USE AS SOLVENTS OR THINNERS IN PAINTS, VARNISHES, AND PAINTERS' MATERIALS WHICH ARE SOLUBLE IN LIQUID HYDROCARBONS. PHILLIPS PETROLEUM COMPANY, Bartlesville, Okla.
Filed November 25, 1946. Serial No. 513,203. PUBLISHED SEPTEMBER 16, 1947. Class 16.

438,428. COTTON, SILK, AND ARTIFICIAL-SILK APRONS AND DRESSES. TABIN-PICKER & COMPANY, Chicago, Ill.
Filed November 29, 1946. Serial No. 513,477. PUBLISHED JANUARY 6, 1948. Class 39.

438,429. HAND CARTS FOR CARRYING SMALL PARCELS. SHOPPER-ETTE & SPECIALTIES, INC., Detroit, Mich.
Filed December 4, 1946. Serial No. 513,691. PUBLISHED JANUARY 6, 1948. Class 19.

438,430. GLASS CUTTERS, GLASS CUTTER WHEELS, PUTTY KNIVES, WOOD SCRAPERS, AND WALL SCRAPERS. GLAZIERS' TOOL MFG. CORP., Chicago, Ill.
Filed December 6, 1946. Serial No. 513,821. PUBLISHED JANUARY 20, 1948. Class 23.

438,431. CANNED COMPLETE VEGETABLE CHOW MEIN DINNER. BEAN SPROUT GROWERS ASSOCIATION, INC., Duluth, Minn., assignor to Jeno F. Paulucci, Duluth, Minn.
Filed December 7, 1946. Serial No. 513,872. PUBLISHED SEPTEMBER 30, 1947. Class 46.

438,432. SENSITIZED PHOTOCOPYING PAPERS. THE HALOID COMPANY, Rochester, N. Y.
Filed December 11, 1946. Serial No. 514,034. PUBLISHED JANUARY 20, 1948. Class 26.

438,433. INSTRUMENT FOR ELECTROPLATING USE FOR CONVERTING ALTERNATING CURRENT INTO DIRECT CURRENT AT HIGH AMPERAGE AND LOW VOLTAGE. HERBERT LEWIS, doing business as Lewis Electrical Manufacturing Company, New York, N. Y.
Filed December 28, 1946. Serial No. 514,963. PUBLISHED JANUARY 20, 1948. Class 21.

438,434. MEN'S, WOMEN'S, AND CHILDREN'S SPORT JACKETS, SLACKS, SKIRTS, SHIRTS, BLOUSES, SHORTS, COATS, AND SWEATERS. COHN-GOLDWATER MANUFACTURING COMPANY, Los Angeles, Calif.
Filed January 2, 1947. Serial No. 515,158. PUBLISHED JANUARY 20, 1948. Class 39.

438,435. SWEATERS. ANCINIE SPORTWEAR, INC., Brooklyn, N. Y.
Filed January 6, 1947. Serial No. 515,287. PUBLISHED JANUARY 13, 1948. Class 39.

438,436. CANNED FRUIT. D. & D. FOODS COMPANY, Wenatchee, Wash.
Filed January 11, 1947. Serial No. 515,610. PUBLISHED JANUARY 20, 1948. Class 46.

438,437. CAN OPENERS. JOSEPH A. CAHIL, doing business as Cahil Manufacturing Company, New York, N. Y.
Filed January 31, 1947. Serial No. 516,665. PUBLISHED JANUARY 20, 1948. Class 23.

438,438. LADIES' SHOES MADE OF LEATHER AND FABRIC, AND COMBINATIONS OF THESE MATERIALS. MERCURY FOOTWEAR, INC., Pittston, Pa.
Filed February 1, 1947. Serial No. 516,780. PUBLISHED JANUARY 20, 1948. Class 39.

438,439. PAJAMAS. BLOSSOM PRODUCTS CORPORATION, Allentown, Pa.
Filed February 5, 1947. Serial No. 516,948. PUBLISHED JANUARY 13, 1948. Class 39.

438,440. LADIES' UNDERWEAR, BLOUSES, HOSIERY, PLAYSUITS, AND DRESSES. INGRID OF HOLLYWOOD, Hollywood, Calif.
Filed February 11, 1947. Serial No. 517,306. PUBLISHED JANUARY 20, 1948. Class 39.

438,441. MEN'S, WOMEN'S, CHILDREN'S WEARING APPAREL—NAMELY, SLACKS, SHIRTS, OVERALLS, SUITS, OVERCOATS. JACK WINTER INC., Milwaukee, Wis.
Filed February 12, 1947. Serial No. 517,393. PUBLISHED JANUARY 13, 1948. Class 39.

438,442. PHOTOGRAPHIC CAMERAS. FEDERAL MANUFACTURING AND ENGINEERING CORP., Brooklyn, N. Y.
Filed February 15, 1947. Serial No. 517,567. PUBLISHED JANUARY 20, 1948. Class 26.

438,443. HEATING AND DRYING OVENS FOR HEATING AND DRYING GRANULAR MATERIAL AND THE LIKE AND INCORPORATING INFRARED LAMPS AS A SOURCE OF HEAT AND RADIANT ENERGY AND A VIBRATING TRAY ACROSS WHICH THE MATERIAL MAY BE PASSED. WILLIAM J. MISKELLA, doing business as The Miskella Infra-Red Company, Cleveland, Ohio.
Filed February 15, 1947. Serial No. 517,581. PUBLISHED JANUARY 20, 1948. Class 21.

438,444. PISTONS. AUTOPRODUCTS CORPORATION, Chicago, Ill.
Filed February 27, 1947. Serial No. 518,192. PUBLISHED JANUARY 20, 1948. Class 23.

438,445. PISTONS. AUTOPRODUCTS CORPORATION, Chicago, Ill.
Filed February 27, 1947. Serial No. 518,193. PUBLISHED JANUARY 20, 1948. Class 23.

438,446. ASH TRAYS. FITZPATRICK INDUSTRIES, INC., East Palestine, Ohio.
Filed March 6, 1947. Serial No. 518,594. PUBLISHED JANUARY 27, 1948. Class 8.

438,447. BOYS', GIRLS', MEN'S, WOMEN'S, AND TODDLER'S, DUNGAREES AND OVERALLS. BILT-RITE MFG. CO. INC., Bayonne, N. J.
Filed March 20, 1947. Serial No. 519,313. PUBLISHED JANUARY 27, 1948. Class 39.

438,448. LADIES' SLIPS. LAROS TEXTILES COMPANY, Bethlehem, Pa.
Filed March 21, 1947. Serial No. 519,400. PUBLISHED JANUARY 20, 1948. Class 39.

438,449. LADIES' SHOES. SAM H. SULLIVAN, Laredo, Tex.
Filed March 21, 1947. Serial No. 519,423. PUBLISHED JANUARY 20, 1948. Class 39.

438,450. LADIES' OUTERWEAR—NAMELY, COATS, SUITS, JACKETS, GOWNS, SKIRTS, SLACKS, BLOUSES, DRESSES, AND FROCKS. J. N. CLARKE LIMITED, Dublin, Eire.
Filed April 7, 1947. Serial No. 520,265. PUBLISHED JANUARY 20, 1948. Class 39.

438,451. HOSIERY AND SOCKS. ETABLISSEMENTS BOILEAU, Paris, France.
Filed April 17, 1947. Serial No. 520,866. PUBLISHED JANUARY 13, 1948. Class 39.

438,452. MEN'S, WOMEN'S AND CHILDREN'S SWEATERS, JACKETS AND SKI SUITS, AND WOMEN'S AND GIRLS' SKIRTS AND TOP COATS. MYRTLE KNITTING MILLS, INC., Unionville, Conn.
Filed April 23, 1947. Serial No. 521,202. PUBLISHED JANUARY 20, 1948. Class 39.

438,453. SHRINKPROOF COAT FRONTS. DELFINER BROTHERS, INC., Philadelphia, Pa.
Filed April 30, 1947. Serial No. 521,569. PUBLISHED JANUARY 13, 1948. Class 39.

438,454. POWER DRIVEN LAWN MOWERS. WILLIAM N. MILLAR, doing business as Millar Brothers Mfg. Co., Detroit, Mich.
Filed April 30, 1947. Serial No. 521,588. PUBLISHED JANUARY 20, 1948. Class 23.

438,455. PAINTS (READY-MIXED, SEMI-PASTE, OR DRY), ETC. THE SHERWIN-WILLIAMS COMPANY, Cleveland, Ohio.
Filed April 30, 1947. Serial No. 521,616. PUBLISHED JANUARY 27, 1948. Class 16.

438,456. BRASSIÈRES, SLIPS, FOUNDATION GARMENTS, AND CORSETS. ERNA BIRMAN, doing business as La Marquise Company, Brookline, Mass.
Filed May 5, 1947. Serial No. 521,851. PUBLISHED JANUARY 27, 1948. Class 39.

438,457. MEN'S JACKETS, ROBES, SWEATERS, RAINCOATS, NECKTIES AND SCARVES, PAJAMAS, DRESS SHIRTS, SPORT SHIRTS, SLACK SUITS, AND SLACKS. THE INTERSTATE DRY GOODS SYNDICATE INCORPORATED, Huntington, W. Va.
Filed May 7, 1947. Serial No. 522,018. PUBLISHED JANUARY 20, 1948. Class 39.

438,458. FIREPLACE TOOL SETS COMPRISING A POKER, SHOVEL AND TONGS, AND A SUPPORTING STAND FOR SUCH TOOLS. CHATTANOOGA IMPLEMENT & MANUFACTURING COMPANY, Chattanooga, Tenn.
Filed May 8, 1947. Serial No. 522,063. PUBLISHED JANUARY 20, 1948. Class 23.

438,459. SLIPPERS MADE IN PART OF LAMB'S WOOL. COMFORT SLIPPER CORPORATION, Fitchburg, Mass.
Filed May 8, 1947. Serial No. 522,115. PUBLISHED JANUARY 20, 1948. Class 39.

438,460. INSECTICIDE SPRAYER. EDCO CORPORATION, Brooklyn, N. Y.
Filed May 9, 1947. Serial No. 522,154. PUBLISHED JANUARY 27, 1948. Class 23.

438,461. CURTAIN ROD BRACKETS. HARLEY E. HUGGINS, Vancouver, Wash.
Filed May 12, 1947. Serial No. 522,240. PUBLISHED JANUARY 27, 1948. Class 13.

438,462. METAL LATHES. THE R. K. LE BLOND MACHINE TOOL CO., Cincinnati, Ohio.
Filed May 15, 1947. Serial No. 522,415. PUBLISHED JANUARY 20, 1948. Class 23.

438,463. METAL LATHES. THE R. K. LE BLOND MACHINE TOOL CO., Cincinnati, Ohio.
Filed May 15, 1947. Serial No. 522,449. PUBLISHED JANUARY 20, 1948. Class 23.

438,464. GIRDLES AND CORSETS. MARCUS & WIESEN, INC., New York, N. Y.
Filed May 17, 1947. Serial No. 522,585. PUBLISHED JANUARY 20, 1948. Class 39.

438,465. DOUGHNUT AND BAKERY GOODS MANUFACTURING EQUIPMENT—NAMELY, DOUGHNUT FRYING MACHINES, DOUGHNUT TURNING MACHINES, PROOFING CABINETS, GLAZING MACHINES, ICING MACHINES AND PARTS AND ACCESSORIES THEREFOR. VIRGIL E. ACKLES, doing business as Bakery Patents Manufacturing Co., Los Angeles, Calif.
Filed May 23, 1947. Serial No. 522,893. PUBLISHED JANUARY 27, 1948. Class 23.

438,466. WASH BOARDS. BINSWANGER-HENKIN INDUSTRIES, Memphis, Tenn.
Filed May 26, 1947. Serial No. 523,067. PUBLISHED JANUARY 27, 1948. Class 24.

438,467. SHOES, MADE OF LEATHER, FABRIC, RUBBER AND/OR ANY COMBINATIONS THEREOF. AIR-CRAFT SHOE CO., INC., Auburn, Maine.
Filed May 29, 1947. Serial No. 523,231. PUBLISHED JANUARY 13, 1948. Class 39.

438,468. INTERNAL COMBUSTION ENGINES AND POWER TRANSMISSIONS FOR MOVING AUTOMOTIVE TRUCKS. MARMON-HERRINGTON COMPANY, INC., Indianapolis, Ind.
Filed May 31, 1947. Serial No. 523,320. PUBLISHED JANUARY 20, 1948. Class 23.

438,469. HOUSEHOLD GLOVES MADE OF RUBBER. THE SEAMLESS RUBBER COMPANY, New Haven, Conn.
Filed June 3, 1947. Serial No. 523,481. PUBLISHED JANUARY 20, 1948. Class 39.

438,470. LADIES', MEN'S AND CHILDREN'S GLOVES OF LEATHER, FABRIC, AND COMBINATIONS THEREOF. LOUIS MEYERS & SON, INC., New York, N. Y.
Filed June 5, 1947. Serial No. 523,598. PUBLISHED JANUARY 20, 1948. Class 39.

438,471. FINISHES IN THE NATURE OF WATER-RESISTANT, ABRASION-RESISTANT COATINGS PARTICULARLY ADAPTED FOR USE ON LEATHER AND ARTIFICIAL LEATHER. ROHM & HAAS COMPANY, Philadelphia, Pa.
Filed June 5, 1947. Serial No. 523,618. PUBLISHED NOVEMBER 25, 1947. Class 16.

438,472. LIQUID POLISH FOR PIANOS, FURNITURE, AND FINE WOOD. SNO-FLAKE PRODUCTS CO., Detroit, Mich.
Filed June 6, 1947. Serial No. 523,713. PUBLISHED NOVEMBER 25, 1947. Class 16.

438,473. METAL-WORKING AND WOOD-WORKING HAND TOOLS—NAMELY, HAMMERS AND SCRIBERS. WALTER H. MYERS, Chalfont, Pa.
Filed June 10, 1947. Serial No. 523,920. PUBLISHED JANUARY 20, 1948. Class 23.

438,474. MATERNITY SUSPENDER GARTERS. LARRY POLACK, INC., New York, N. Y.
Filed June 11, 1947. Serial No. 524,017. PUBLISHED JANUARY 20, 1948. Class 39.

438,475. HATS FOR MEN AND HATS FOR WOMEN. HAT CORPORATION OF AMERICA, Norwalk, Conn.
Filed June 14, 1947. Serial No. 524,186. PUBLISHED JANUARY 20, 1948. Class 39.

438,476. HATS FOR MEN AND HATS FOR WOMEN. HAT CORPORATION OF AMERICA, Norwalk, Conn.
Filed June 14, 1947. Serial No. 524,187. PUBLISHED JANUARY 20, 1948. Class 39.

438,477. KITCHEN KNIVES MADE OF BASE METAL AND/OR PLASTIC. ANTHONY GUERRA, Hackensack, N. J.
Filed June 19, 1947. Serial No. 524,457. PUBLISHED JANUARY 20, 1948. Class 23.

438,478. ICING MACHINES USED IN CONNECTION WITH BAKERY PRODUCTS, I. E., TO APPLY ICING TO CAKES AND COOKIES. BASIC FOODS SALES CORP., New York, N. Y.
Filed June 20, 1947. Serial No. 524,518. PUBLISHED JANUARY 20, 1948. Class 23.

438,479. SKIRTS. MAJESTIC SPECIALTIES, INC., Cleveland, Ohio, and New York, N. Y.
Filed June 20, 1947. Serial No. 524,547. PUBLISHED JANUARY 20, 1948. Class 39.

438,480. MECHANICAL PEELING MACHINES. PEELEX, INC., New York, N. Y.
Filed June 21, 1947. Serial No. 524,618. PUBLISHED JANUARY 20, 1948. Class 23.

438,481. OUTER SHIRTS, SWEATERS, AND SWIM TRUNKS. THE B. V. D. CORPORATION, New York, N. Y.
Filed June 27, 1947. Serial No. 524,943. PUBLISHED JANUARY 20, 1948. Class 39.

438,482. NECKTIES. BOTANY MILLS, INC., Passaic, N. J.
Filed June 25, 1947. Serial No. 524,763. PUBLISHED JANUARY 20, 1948. Class 39.

438,483. READY MIXED PAINTS, PAINT ENAMELS, VARNISHES, AND LACQUERS. THE J. E. HARRIS COMPANY, Wooster, Ohio.
Filed July 2, 1947. Serial No. 525,592. PUBLISHED JANUARY 13, 1948. Class 16.

438,484. LADIES' NIGHT GOWNS, NEGLIGEES, AND SLIPS. HOOD BROS., New York, N. Y.
Filed July 3, 1947. Serial No. 525,847. PUBLISHED JANUARY 20, 1948. Class 39.

438,485. DISPENSING TOOLS—NAMELY, SPOONS, LADLES, AND DIPPERS, NOT OF PRECIOUS METAL, ADAPTED FOR GATHERING, SEVERING, AND SERVING PORTIONS OF SOLID AND SEMI-SOLID EDIBLE MATERIALS. KELLY-WHEATON COMPANY, Toledo, Ohio.
Filed July 4, 1947. Serial No. 526,246. PUBLISHED JANUARY 20, 1948. Class 23.

438,486. DISPENSING TOOLS—NAMELY, SPOONS, LADLES, AND DIPPERS, NOT OF PRECIOUS METAL, ADAPTED FOR GATHERING, AND SERVING PORTIONS OF SOLID AND SEMI-SOLID EDIBLE MATERIALS. KELLY-WHEATON COMPANY, Toledo, Ohio.
Filed July 4, 1947. Serial No. 526,247. PUBLISHED JANUARY 20, 1948. Class 23.

ACT OF 1920

These registrations are not subject to opposition.

438,487. (CLASS 12. CONSTRUCTION MATERIALS.) AMERICAN WEATHER WINDOWS, INC., Youngstown, Ohio.
Filed Jan. 4, 1946. Serial No. 494,251.



The drawing is lined for the color green.
FOR SUPPLEMENTAL WINDOW SASH.
Claims use since Oct. 1, 1943.

438,488. (CLASS 39. CLOTHING.) BRUMBEAU CLOTHES, INC., Norfolk, Va. Filed January 22, 1946. Serial No. 495,164.

Finn, Ltd.

FOR NECKTIES.
Claims use since Dec. 1, 1945.

438,489. (CLASS 27. HOROLOGICAL INSTRUMENTS.) VERIFINE WATCH SUPPLY CO., New York, N. Y. Filed Feb. 1, 1946. Serial No. 495,846.

Verifine

The shield, on which appears the letter V, has three inclined spaced bands each composed of short, parallel horizontal lines.
FOR WATCHES AND WATCH PARTS.
Claims use since Sept. 14, 1937.

438,490. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) WALTER FREDERICK WARREN, doing business as Warren Engineering Co., Los Angeles, Calif. Filed Apr. 24, 1946. Serial No. 500,849.

GUIDE-FREE

FOR FISHING RODS.
Claims use since Mar. 1, 1946.

438,491. (CLASS 12. CONSTRUCTION MATERIALS.) ROCK-TRED CORPORATION, Chicago, Ill. Filed Aug. 23, 1946. Serial No. 507,939.

SEEP-SEAL

FOR POWDERED MATERIAL TO BE MIXED INTO A PLASTER-LIKE CONSISTENCY FOR SEALING MASONRY.
Claims use since Oct. 31, 1944.

438,492. (CLASS 39. CLOTHING.) EMILY LEITHOLD, doing business as Custom Maid Brassiere Co., Philadelphia, Pa. Filed Aug. 28, 1946. Serial No. 508,169.

Custom Maid

FOR BRASSIÈRES, BRA-SLIPS AND GIRDLES.
Claims use since February 1935.

438,493. (CLASS 39. CLOTHING.) JOHN SULLIVAN, Norfolk, Va. Filed Jan. 11, 1947. Serial No. 515,639.

KREASE HOLDERS

FOR MEN'S AND BOYS' SLACKS, SPORT COATS, SUITS AND TROUSERS.
Claims use since August 1944.

438,494. (CLASS 39. CLOTHING.) THE SELBY SHOE COMPANY, Portsmouth, Ohio. Filed May 6, 1947. Serial No. 521,983.

Tru-Fit

FOR SHOES MADE FROM LEATHER, FABRIC, RUBBER OR COMBINATIONS OF THESE MATERIALS.
Claims use since Dec. 3, 1946.

ACT OF 1946, PRINCIPAL REGISTER

500,105. BOND, ENVELOPE, AND BOOK PAPER, AND POST CARD BRISTOL BOARD. THE CHAMPION PAPER AND FIBRE COMPANY, Hamilton, Ohio.
Filed July 5, 1947. Serial No. 527,306. PUBLISHED JANUARY 27, 1948. Class 37.

500,106. PIGMENTED SEALER AND PRIMER WHITE PAINT READY FOR USE. MINNESOTA LINSEED OIL PAINT CO., Minneapolis, Minn.
Filed July 5, 1947. Serial No. 527,957. PUBLISHED JANUARY 13, 1948. Class 16.

500,107. UNDER COAT, FUME PROOF, EGGSHELL, FLAT WHITE AND GLOSS INTERIOR WALL FINISH PAINTS READY FOR USE. MINNESOTA LINSEED OIL PAINT CO., Minneapolis, Minn.
Filed July 5, 1947. Serial No. 527,958. PUBLISHED JANUARY 13, 1948. Class 16.

500,108. WASH FROCKS, SLACKS, AND PAJAMAS FOR WOMEN, MISSES, AND GIRLS. R. & M. KAUFFMAN, INC., Aurora, Ill.
Filed July 10, 1947. Serial No. 528,285. PUBLISHED JANUARY 13, 1948. Class 39.

500,109. MEN'S, WOMEN'S, MISSES', AND CHILDREN'S GLOVES AND MITTENS MADE OF LEATHER OR FABRIC, OR ANY COMBINATIONS THEREOF. ARIS GLOVES, INC., New York, N. Y.
Filed July 11, 1947. Serial No. 528,326. PUBLISHED JANUARY 20, 1948. Class 39.

500,110. PAINT BRUSH CLEANER. SCHALK CHEMICAL COMPANY, Los Angeles, Calif.
Filed July 14, 1947. Serial No. 528,587. PUBLISHED JANUARY 13, 1948. Class 16.

500,111. MEN'S AND BOYS' HATS AND CAPS. FUNK BROS. HAT & CAP CO., St. Louis, Mo.
Filed July 26, 1947. Serial No. 529,624. PUBLISHED JANUARY 13, 1948. Class 39.

500,112. INFANT'S UNDERGARMENTS. THE WILLIAM CARTER COMPANY, Needham Heights, Mass.
Filed July 30, 1947. Serial No. 529,961. PUBLISHED JANUARY 13, 1948. Class 39.

500,113. LADIES' COATS. PETITE MISS CO., New York, N. Y.
Filed August 6, 1947. Serial No. 530,678. PUBLISHED JANUARY 20, 1948. Class 39.

500,114. PAINTS, ENAMELS, AND VARNISHES. BOATRIGHT PAINT & VARNISH WORKS, INC., Atlanta, Ga.
Filed August 7, 1947. Serial No. 530,713. PUBLISHED JANUARY 13, 1948. Class 16.

500,115. LADIES' DRESSES. CAMAC & WEINER, New York, N. Y.
Filed August 8, 1947. Serial No. 530,805. PUBLISHED JANUARY 20, 1948. Class 39.

500,116. WOMEN'S OUTER APPAREL—NAMELY, COATS, DRESSES, AND SUITS. JESS HERBERT, INC., New York, N. Y.
Filed August 12, 1947. Serial No. 531,123. PUBLISHED JANUARY 20, 1948. Class 39.

ACT OF 1946, SUPPLEMENTAL REGISTER

These registrations are not subject to opposition.

500,117. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE MIAMI PRODUCTS & CHEMICAL CO., doing business as Softi-Suds Company, Dayton, Ohio. Filed July 14, 1947. Serial No. 493,205.

SOFTI-SUDS

FOR CLEANING COMPOSITION FOR GENERAL CLEANING PURPOSES.
Claims use since Nov. 11, 1943.

500,118. (CLASS 12. CONSTRUCTION MATERIALS.) WALTER E. MORGAN, Columbus, Ohio. Filed Aug. 7, 1947. Serial No. 507,922.

MOR-MERIT BRAND

FOR STRUCTURAL LUMBER WHICH HAS BEEN PREPARED AT THE MILLS FOR HOME CONSTRUCTION.
Claims use since Apr. 1, 1946.

500,119. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) L. F. BIRDSONG, SR., Hattiesburg, Miss. Filed Sept. 5, 1947. Serial No. 517,695.

-Birdsong's Application-

FOR PREPARATION FOR THE TREATMENT OF DISEASES OF THE SKIN.
Claims use since Jan. 1, 1944.

500,120. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ANATOLE ROBBINS, INC., Los Angeles, Calif. Filed Oct. 15, 1947. Serial No. 524,720.

Woodfield

FOR COLOGNE.
Claims use since June 17, 1946.

500,121. (CLASS 12. CONSTRUCTION MATERIALS.) A. P. GREEN FIRE BRICK COMPANY, Mexico, Mo. Filed Aug. 1, 1947. Serial No. 530,194.

QUIK-PACH

FOR FIRE BRICK, FIRE-BRICK IN PLASTIC FORM FOR PATCHING AND REPAIR PURPOSES AND FOR MAKING OF MONOLITHIC WALLS AND LININGS.
Claims use since Aug. 26, 1922.

500,122. (CLASS 12. CONSTRUCTION MATERIALS.) LEWIS MANUFACTURING CO., Bay City, Mich. Filed Aug. 6, 1947. Serial No. 530,648.

LEWIS HOMES

FOR READY CUT HOUSES MADE UP OF LUMBER CUT TO SIZE AND SHAPE IN THE MILL.
Claims use since Jan. 1, 1920.

TRADE-MARK REGISTRATIONS RENEWED

31,498. "BARTON & GUESTIER" ETC. AND DESIGN. Registered May 3, 1898. Barton & Guestier, Bordeaux, France. Re-renewed May 3, 1948, to Barton & Guestier, Ltd., New York, N. Y., a corporation of New York. WINES. Class 47.

64,184. REPRESENTATION OF A BOVINE HEAD ENCLOSED IN CIRCULAR OUTLINE. Registered July 30, 1907. The Aberdeen Combworks Company, Limited, Aberdeen, Scotland, a British joint stock company. Renewed July 30, 1947. TORTOISE-SHELL AND HORN COMBS. Class 40.

64,781. REPRESENTATIONS OF A PYRAMID, HEAD OF SPHINX, STAR AND CRESCENT IN CIRCULAR OUTLINE. Registered Aug. 20, 1907. Freeburg Milling Co., Freeburg, Ill., a corporation of Illinois. Re-renewed Aug. 20, 1947. WHEAT-FLOUR. Class 46.

66,403. "BAKER'S PURE FLAVORING EXTRACT" ETC. AND DESIGN. Registered Nov. 26, 1907. Baker Extract Company, Portland, Maine, and Springfield, Mass. Re-renewed Nov. 26, 1947, to Baker Extract Company, Springfield, Mass., a corporation of Massachusetts. FLAVORING EXTRACTS. Class 46.

67,612. BUFFALO. Registered Feb. 11, 1908. Corn Products Manufacturing Company, Chicago, Ill. Re-renewed Feb. 11, 1948, to Corn Products Refining Company, New York, N. Y., a corporation of New Jersey. STOCK FOOD. Class 46.

67,613. REPRESENTATION OF A BUFFALO. Registered Feb. 11, 1908. Corn Products Manufacturing Company, Chicago, Ill. Re-renewed Feb. 11, 1948, to Corn Products Refining Company, New York, N. Y., a corporation of New Jersey. STOCK FOOD. Class 46.

68,118. TEETHINA. Registered Mar. 10, 1908. Mary Gardner, executrix of Charles J. Moffett, St. Louis, Mo. Re-renewed Mar. 10, 1948, to C. J. Moffett Medicine Company, Columbus, Ga., a partnership. TEETHING-POWDERS. Class 6.

68,229. SHIELD DESIGN IMPOSED ON RECTANGULAR OUTLINE LINED FOR RED AND BLUE. Registered Mar. 17, 1908. The J. K. Armsby Company, Chicago, Ill., and San Francisco, Calif. Re-renewed Mar. 17, 1948, to California Packing Corporation, San Francisco, Calif., a corporation of New York. DRIED FRUITS, (APPLES, APRICOTS, CHERRIES, NECTARINES, PEACHES, PEARS, PLUMS, PRUNES, AND RAISINS). Class 46.

68,243. SHIELD DESIGN IMPOSED ON RECTANGULAR OUTLINE LINED FOR RED AND BLUE. Registered Mar. 17, 1908. The J. K. Armsby Company, Chicago, Ill., and San Francisco, Calif. Re-renewed Mar. 17, 1948, to California Packing Corporation, San Francisco, Calif., a corporation of New York. DRIED FRUITS (APPLES, APRICOTS, CHERRIES, NECTARINES, PEACHES, PEARS, PLUMS, PRUNES, AND RAISINS). Class 46.

68,408. "RED CORD" AND REPRESENTATION OF A CORD LINED FOR RED. Registered Apr. 7, 1908. The J. K. Armsby Company, Chicago, Ill., and San Francisco, Calif. Re-renewed Apr. 7, 1948, to California Packing Corporation, San Francisco, Calif., a corporation of New York. DRIED FRUITS—NAMELY, APPLES, APRICOTS, CHERRIES, NECTARINES, PEACHES, PEARS, PLUMS, PRUNES, AND RAISINS. Class 46.

68,502. MARLBORO. Registered Apr. 14, 1908. Philip Morris & Co. Ltd. Re-renewed Apr. 14, 1948, to Philip Morris & Co. Ltd. Incorporated, New York, N. Y., a corporation of Virginia. CIGARETTES. Class 17.

68,630. GOLDEN POPPY. Registered Apr. 21, 1908. Armsby Preserving Co. Re-renewed Apr. 21, 1948, to California Packing Corporation, San Francisco, Calif., a corporation of New York. CANNED FRUITS—NAMELY, APPLES, APRICOTS, BLACKBERRIES, CHERRIES, RASPBERRIES, STRAWBERRIES, GRAPES, NECTARINES, PEACHES, PEARS, PLUMS, AND LOGANBERRIES. Class 46.

68,632. "GOLDEN POPPY" AND DRAWING. Registered Apr. 21, 1908. Armsby Preserving Co. Re-renewed Apr. 21, 1948, to California Packing Corporation, San Francisco, Calif., a corporation of New York. CANNED FRUITS—NAMELY, APPLES, APRICOTS, BLACKBERRIES, CHERRIES, RASPBERRIES, STRAWBERRIES, GRAPES, NECTARINES, PEACHES, PEARS, PLUMS, AND LOGANBERRIES. Class 46.

69,037. "GOLDEN KEY" AND REPRESENTATION OF KEY. Registered May 19, 1908. The Great Atlantic and Pacific Tea Company. Re-renewed May 19, 1948, to The Great American Tea Company, New York, N. Y., a corporation of New York. TEAS. Class 46.

69,323. 999. Registered June 2, 1908. Sweet, Orr & Co., New York, Newburgh, and Wappingers Falls, N. Y., Joliet, Ill., and Brooklyn, N. Y. Re-renewed June 2, 1948, to Sweet-Orr & Co., Inc., Wappingers Falls, N. Y., a corporation of New York. OVERALLS. Class 39.

140,539. COLUMBIA. Registered Mar. 15, 1921. National Carbon Company, Inc., New York, N. Y., a corporation of New York. Renewed Jan. 5, 1948 (Supplemental Register). ELETRIC BATTERIES, PRIMARY AND SECONDARY, AND PARTS FOR SAME; BATTERY CASES AND HOLDERS, AND OTHER NAMED ARTICLES. Class 21.

145,013. WESSON. Registered July 19, 1921. The Southern Cotton Oil Company, Jersey City and Bayonne, N. J., New York, N. Y., Gretna, La., Savannah, Ga., and Chicago, Ill. Renewed Jan. 5, 1948 (Supplemental Register), to The Southern Cotton Oil Company, New Orleans, La., a corporation of New Jersey. PREPARED FATTY OLEAGINOUS OR UNCTUOUS FOOD SUBSTANCES. Class 46.

146,291. REPRESENTATION OF A TOWER, ETC. Registered Sept. 6, 1921. Manufacture Metallurgique De Tournus, Tournus, France, a corporation organized under the laws of the Republic of France. Renewed Sept. 6, 1941 (as provided by P. L. 517, July 17, 1946). METALLIC KITCHEN AND COOKING UTENSILS, COMPRISING COFFEE-POTS, TEAPOTS, COOKING-BOILERS, AND OTHER NAMED SUCH ITEMS. Class 13.

148,582. MACKINTOSH. Registered Nov. 15, 1921. S. S. Hepworth Company, New York, N. Y. Renewed Jan. 5, 1948 (Supplemental Register), to Hepworth Machine Company, Inc., Long Island City, N. Y., a corporation of New York. CENTRIFUGAL DRIERS, CENTRIFUGAL FILTERS, AND CENTRIFUGAL SEPARATORS, AND UNLOADERS, CONVEYERS, ELEVATORS, AND MIXERS THEREFOR. Class 23.

161,905. "SINGER SEWING MOTORS" ETC. ENCLOSED IN LARGE S COLORED RED. Registered Nov. 21, 1922. The Singer Manufacturing Company, New York, N. Y. Renewed Jan. 5, 1948 (Supplemental Register), to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey. ELECTRIC MOTORS FOR SEWING MACHINES AND CONTROLLERS THEREFOR. Class 21.

187,332. CELOTEX INSULATING LUMBER. Registered July 29, 1924. The Celotex Company. Renewed Jan. 5, 1948 (Supplemental Register), to The Celotex Corporation, Chicago, Ill., a corporation of Delaware. WALL BOARDS AND SIMILAR BUILDING MATERIALS. Class 12.

201,462. AMPLUM. Registered July 28, 1925. Naamlooze Vennootschap Nederlandsche Kunstzijdefabriek. Renewed July 28, 1945 (as provided by P. L. 517, July 17, 1946), to Algemeene Kunstzijde Unie, N. V., Arnhem, Netherlands, a corporation organized under the laws of the Kingdom of the Netherlands. THREADS AND YARNS OF ARTIFICIAL SILK, COTTON, MERCERIZED COTTON, LINEN, WOOL, ARTIFICIAL WOOL, STAPLE FIBERS, SILK, AND MIXED FIBERS. Class 43.

207,268. KELLOGG'S CORN FLAKES. Registered Dec. 22, 1925. Kellogg Company, Battle Creek, Mich., a corporation of Delaware. Renewed Jan. 5, 1948 (Supplemental Register). CEREAL BREAKFAST FOODS. Class 46.

224,736. "DR. RASUREL FLANELLE A MAILLES" ETC. Registered Mar. 1, 1927. Neyron & Cie, Lyon, France, a French Corporation (Société Anonyme). Renewed Mar. 1, 1947 (as provided by P. L. 517, July 17, 1946). TEXTILE FABRIC GLOVES, UNDERWEAR OF ALL KINDS MADE OF KNITTED OR TEXTILE FABRIC, DRESS SHIRTS, NIGHT SHIRTS AND OTHER NAMED ARTICLES OF CLOTHING. Class 39.

227,919. TIP-TOP AND DIAMOND SHAPED DESIGN COLORED BLUE. Registered May 17, 1927. Henry C. Thompson, Hartford, Conn., assignor to The Thompson Specialties, Inc. Renewed May 17, 1947, to Thompson Chemical Company, Pawtucket, R. I., a copartnership. MATERIALS FOR PREVENTING FREEZING OF THE WATER IN AUTOMOBILE RADIATORS—NAMELY, ALCOHOL, ALCOHOL COMPOUNDS, FREEZEPROOF MIXTURES. Class 6.

228,311. "TIP-TOP" AND DIAMOND SHAPED DESIGN COLORED BLUE AND YELLOW. Registered May 31, 1927. Henry C. Thompson, Hartford, Conn., assignor to The Thompson Specialties, Inc. Renewed May 31, 1947, to Thompson Chemical Company, Pawtucket, R. I., a copartnership. AUTOMOBILE POLISHES—NAMELY, WAX POLISH FOR AUTOMOBILES AND POLISHES FOR AUTOMOBILE BODIES. Class 16.

228,320. "EQUITY" AND DESIGN. Registered May 31, 1927. Hickman & Coward. Renewed May 31, 1947, to Hickman, Coward and Wattles, Inc., Buffalo, N. Y., a corporation of New York. BUTTER AND EGGS. Class 46.

231,070. "AUX CAPUCINES" AND DESIGN. Registered Aug. 9, 1927. Chaussures Bally Société Anonyme de Fabrication, Schoenenwerd, Switzerland, a corporation organized under the laws of Switzerland. Renewed Aug. 9, 1947. BOOTS, SHOES, SANDALS, MOCCASINS, AND BATH SLIPPERS MADE OF LEATHER, RUBBER, FABRIC, OR COMBINATIONS THEREOF. Class 39.

231,624. "PERFECTION" ETC. AND CIRCULAR DESIGN. Registered Aug. 23, 1927. Perfection Gear Company, Chicago, Ill. Renewed Aug. 23, 1947, to Perfection Gear Company, Harvey, Ill., a corporation of Illinois. CHAINS FOR USE ON MOTOR FRONT ENDS, MOTOR DRIVES, AND POWER TRANSMISSIONS OF ALL DESCRIPTIONS. Class 13.

232,096. ALPHADEN. Registered Aug. 30, 1927. Charles A. Meyer, doing business as The Alphaden Company. Renewed Aug. 30, 1947, to The Alphaden Company, Chicago, Ill., a corporation of Illinois. MEDICINAL PREPARATION, PARTICULARLY FOR REMINERALIZATION OF TOOTH AND BONE STRUCTURE. Class 6.

232,098. OK. Registered Aug. 30, 1927. O'Keefe's Beverages, Limited. Renewed Aug. 30, 1947, to Orange Crush Limited, Toronto, Ontario, Canada, a corporation organized under the laws of the Province of Ontario, Canada. NONALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, ALSO GINGER ALE, CREAM SODA, AND TABLE WATER. Class 45.

232,197. "BALLY" AND HEAVY UNDERLINE. Registered Sept. 6, 1927. Chaussures Bally Société Anonyme De Fabrication, Schoenenwerd, Switzerland, a corporation organized under the laws of Switzerland. Renewed Sept. 6, 1947. BOOTS, SHOES, SANDALS, MOCCASINS, AND BATH SLIPPERS, MADE OF LEATHER, RUBBER, FABRIC, OR COMBINATIONS THEREOF. Class 39.

232,896. "KOLDICE" AND RECTANGULAR OUTLINE. Registered Sept. 20, 1927. Kane Furniture Company, Renewed Sept. 20, 1947, to Kane's Incorporated, Boston, Mass., a corporation of Massachusetts. REFRIGERATORS. Class 31.

233,366. FABRITECTURAL. Registered Sept. 27, 1927. Oscar A. Turner. Renewed Sept. 27, 1947, to Oscar A. Turner, doing business as Fabritecture Studio, Chicago, Ill. TEXTILE DOILIES AND SCARFS FOR FURNITURE. Class 42.

234,809. "LIGHTNIN'!" AND DESIGN. Registered Nov. 8, 1927. Rufus W. Scott Company. Renewed Nov. 8, 1947, to Bacon-Scott Company, Inc., New York, N. Y., a corporation of Delaware. HOSIERY. Class 39.

234,831. ELKONITE. Registered Nov. 8, 1927. Elkon Works, Inc., Weehawken, N. J. Renewed Nov. 8, 1947, to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware. METAL ALLOYS, COMPOUND METALS, AND TUNGSTEN-CONTAINING METALLURGICAL PRODUCTS FOR USE IN BEARINGS, AND OTHER NAMED METALS, AND METAL CASTINGS AND FORGINGS. Class 14.

235,004. MT. KONOCTI. Registered Nov. 8, 1927. Mt. Konocti Fruit Exchange, doing business as Lake County Fruit Exchange. Renewed Nov. 8, 1947, to Lake County Fruit Exchange, Kelseyville, Calif., a corporation of California. FRESH DECIDUOUS FRUITS—NAMELY, PEARS. Class 46.

235,008. EN EL VERANO. Registered Nov. 8, 1927. Chas. A. Stevens & Bros. Renewed Nov. 8, 1947, to Chas. A. Stevens & Co., Chicago, Ill., a corporation of Illinois. PERFUMES. Class 6.

235,066. "RENAULT" ENCLOSED BY DIAMOND-SHAPED DESIGN. Registered Nov. 8, 1927. Société Anonyme Des Usines Renault. Renewed Nov. 8, 1947, to Regie Nationale Des Usines Renault, Billancourt, France, an organization constituted under the laws of the Republic of France. INTERNAL COMBUSTION OR EXPLOSION MOTORS AND PARTS THEREOF AND AGRICULTURAL TRACTORS, AND OTHER NAMED CUTLERY, MACHINERY, AND TOOL ARTICLES. Class 23.

235,178. JACK O'LEATHER ETC. AND RECTANGULAR OUTLINE. Registered Nov. 15, 1927. J. J. Preis & Company. Renewed Nov. 15, 1947, to I., L., & R. Michaels Inc., New York, N. Y., a corporation of New York. YOUNG MEN'S AND STUDENTS' SUITS CONSISTING OF COATS, VESTS, TROUSERS, AND KNICKERBOCKERS MADE FROM ALL-WOOL CLOTH. Class 39.

235,313. 4 SEASONS. Registered Nov. 15, 1927. Rufus W. Scott Company. Renewed Nov. 15, 1947, to Bacon-Scott Company, Inc., New York, N. Y., a corporation of Delaware. HOSIERY. Class 39.

235,847. "ANDREAS MORELLI" ETC. AND FANCIFUL DESIGN. Registered Nov. 29, 1927. Henry Stadlmair Co., Inc. Renewed Nov. 29, 1947, to Harry Stadlmair, New York, N. Y. VIOLINS, VIOLAS, VIOLONCELLOS, AND DOUBLE BASSES. Class 36.

236,075. KOSMOS. Registered Dec. 6, 1927. The Aldrich Pump Company, Allentown, Pa., a corporation of Pennsylvania. Renewed Dec. 6, 1947. PORCELAIN PUMP PLUNGERS. Class 23.

236,145. EXALTONE. Registered Dec. 6, 1927. M. Naef & Co. Renewed Dec. 6, 1947, to Firmenich & Co., successeurs de la Société Anonyme M. Naef & Cie, Geneva, Switzerland, a corporation organized under the laws of the Confederation of Switzerland. ARTIFICIAL AND SYNTHETIC PERFUMES AND ESSENTIAL OILS. Class 6.

236,146. CEDAROME. Registered Dec. 6, 1927. M. Naef & Co. Renewed Dec. 6, 1947, to Firmenich & Co., successeurs de la Société Anonyme M. Naef & Cie., Geneva, Switzerland, a corporation organized under the laws of the Confederation of Switzerland. ARTIFICIAL AND SYNTHETIC PERFUMES AND ESSENTIAL OILS FOR THE PRODUCTION OF PERFUMES. Class 6.

236,240. "MAGNOLYS". Registered Dec. 6, 1927. M. Naef & Co. Renewed Dec. 6, 1947, to Firmenich & Co., successeurs de la Société Anonyme M. Naef & Cie., Geneva, Switzerland, a corporation organized under the laws of the Confederation of Switzerland. ARTIFICIAL AND SYNTHETICAL PERFUMES AND ESSENTIAL OILS FOR THE PRODUCTION OF PERFUMES. Class 6.

236,347. "CORSAIR". Registered Dec. 13, 1927. Rufus W. Scott Company. Renewed Dec. 13, 1947, to Bacon-Scott Company, Inc., New York, N. Y., a corporation of Delaware. HOSIERY. Class 39.

236,392. REJA. Registered Dec. 13, 1927. Forstmann & Huffmann Company. Renewed Dec. 13, 1947, to Forstmann Woolen Co., Passaic, N. J., a corporation of New Jersey. WOOLEN PIECE GOODS. Class 42.

236,393. FERRA. Registered Dec. 13, 1927. Forstmann & Huffmann Company. Renewed Dec. 13, 1947, to Forstmann Woolen Co., Passaic, N. J., a corporation of New Jersey. WOOLEN PIECE GOODS. Class 42.

236,398. ASPOGEN. Registered Dec. 13, 1927. The Norwich Pharmacal Company, Norwich, N. Y., a corporation of New York. Renewed Dec. 13, 1947. VAGINAL DOUCHE POWDER. Class 6.

236,467. BUCCANEER. Registered Dec. 13, 1927. Rufus W. Scott Company. Renewed Dec. 13, 1947, to Bacon-Scott Company, Inc., New York, N. Y., a corporation of Delaware. HOSIERY. Class 39.

236,475. KEYHOLD. Registered Dec. 13, 1927. Schumacher Wall Board Corporation, Wilmington, Del., Seattle, Wash., and Los Angeles, Calif. Renewed Dec. 13, 1947, to The Paraffine Companies, Inc., San Francisco, Calif., a corporation of Delaware. PLASTER BOARD. Class 12.

236,583. LULLABY. Registered Dec. 13, 1927. Mandel & Cohen, New York, N. Y. Renewed Dec. 13, 1947, to Isidor H. Cohen, Brooklyn, N. Y. KNITTED UNDERWEAR FOR WOMEN AND CHILDREN—NAMELY, HOSIERY, VESTS, DRAWERS, UNION SUITS, BRASSIÈRES, GIRDLES, AND COMBINATIONS OF CHEMISE. Class 39.

236,725. "MASTERSHINE" AND DESIGN. Registered Dec. 20, 1927. Walter L. Clemens, Milwaukee, Wis. Renewed Dec. 20, 1947. POLISH FOR AUTOMOBILES, FURNITURE, AND THE LIKE. Class 16.

236,736. DUCK THE SUN. Registered Dec. 20, 1927. Sara A. Schmitt, doing business as Shenango Valley Awning Company, Sharpsville, Pa. Renewed Dec. 20, 1947, to Sara A. Schmitt, doing business as Shenango Valley Awning Company, Hadley, Pa. AWNINGS, TENTS, AND TARPAULINS. Class 50.

236,795. "PRESTO" AND DESIGN. Registered Dec. 20, 1927. Presto Products Co., New York, N. Y. Renewed Dec. 20, 1947, to Presto Electric Co., Union City, N. J., a partnership. ATTACHMENT PLUGS, ELECTRIC SADIRON ELEMENTS, RADIANT HEATING COILS, RESISTANCE WIRES, ELECTRIC SIGN FLASHERS, AND EXTENSION CORDS. Class 21.

236,898. SPICK AND SPAN. Registered Dec. 27, 1927. Mandel & Cohen. Renewed Dec. 27, 1947, to Max Mandel, New York, N. Y. KNITTED UNDERWEAR FOR WOMEN AND CHILDREN—NAMELY, HOSIERY, VESTS, DRAWERS, UNION SUITS, BRASSIÈRES, GIRDLES, AND COMBINATIONS OF CHEMISE. Class 39.

237,491. "TULIP" AND DESIGN. Registered Jan. 10, 1928. M. Augenblick & Bro. Inc. Renewed Jan. 10, 1948, to M. Augenblick & Bro., Inc., Newark, N. J., a corporation of New York. BUTTER. Class 46.

237,589. LUZSINGER. Registered Jan. 10, 1928. The Singer Manufacturing Company, Elizabeth, N. J., and New York, N. Y. Renewed Jan. 10, 1948, to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey. ELECTRIC-LIGHTING ATTACHMENTS AND PARTS THEREOF FOR SEWING MACHINES. Class 21.

237,981. LONE STAR. Registered Jan. 24, 1928. Maury-Cole Company. Renewed Jan. 24, 1948, to Canova Food, Incorporated, Memphis, Tenn., a corporation of Tennessee. COFFEE. Class 46.

238,656. "BETTY MILLER" AND DRAWING LINED WITH BLUE BACKGROUND. Registered Feb. 14, 1928. Hoover Hosiery Company, Concord, N. C., a corporation of North Carolina. Renewed Feb. 14, 1948. HOSIERY. Class 39.

238,672. NORMALIZER. Registered Feb. 14, 1928. Jabez Burns & Sons, Inc., New York, N. Y., a corporation of New York. Renewed Feb. 14, 1948. MACHINES FOR GRINDING, CRACKING, AND OTHERWISE TREATING COFFEE AND CHAFF. Class 23.

239,791. RED AND WHITE BAND DESIGN. Registered Mar. 13, 1928. Carnation Milk Products Company, Oconomowoc, Wis., Chicago, Ill., and Seattle, Wash. Renewed Mar. 13, 1948, to Carnation Company, Milwaukee, Wis., a corporation of Delaware. EVAPORATED MILK AND CONDENSED MILK. Class 46.

239,928. FELTCOVAN. Registered Mar. 13, 1928. Felton Chemical Company, Inc., Brooklyn, N. Y., a corporation of New York. Renewed Mar. 13, 1948. NATURAL VANILLA, ARTIFICIAL VANILLA, AND COMPOUNDS OF THE SAME FOR FOOD-FLAVORING PURPOSES. Class 46.

240,150. RED CAMEL. Registered Mar. 20, 1928. Joseph L. Budreau, doing business as J. L. Budreau & Co., Savannah, Ga. Renewed Mar. 20, 1948, to J. L. Budreau & Company, Presque Isle, Maine, a corporation of Maine. FRESH VEGETABLES. Class 46.

240,774. "RENAULT" ENCLOSED BY DIAMOND-SHAPED DESIGN. Registered Apr. 10, 1928. Société Anonyme des Usines Renault. Renewed Apr. 10, 1948, to Regie Nationale Des Usines Renault, Billancourt, France, an organization constituted under the laws of the Republic of France. AUTOMOBILES AND CONSTRUCTIVE PARTS THEREOF, AND AEROPLANES AND CONSTRUCTIVE PARTS THEREOF. Class 19.

240,825. SILVERICE. Registered Apr. 10, 1928. William Shield Glennan, Lochhaven, Norfolk, Va. Renewed Apr. 10, 1948, to Silverice, Inc., New York, N. Y., a corporation of New York. REFRIGERATING DEVICE CONSISTING OF A CLOSED CONTAINER WITHIN WHICH IS A CONGEALABLE SUBSTANCE WHICH AFTER THE CONGEALABLE SUBSTANCE HAS BEEN FROZEN IS USED FOR CHILLING PURPOSES. Class 31.

241,494. "GRAY'S SYRUP OF RED SPRUCE GUM" ETC. AND DRAWING. Registered May 1, 1928. Ferdinand T. Hopkins, doing business as D. Watson & Co., New York, N. Y. Renewed May 1, 1948. COUGH REMEDIES. Class 6.

241,733. LADY WINDERMERE. Registered May 8, 1928. Rice-Stix Dry Goods Company, St. Louis, Mo., a corporation of Missouri. Renewed May 8, 1948. WOMEN'S, MISSES', AND CHILDREN'S DRESSES. Class 39.

241,792. TUMBOILER. Registered May 8, 1928. The Hart & Hegeman Mfg. Co. Renewed May 8, 1948, to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn., a corporation of Connecticut. ELECTRIC SWITCHES. Class 21.

242,319. CADDIE. Registered Mar. 22, 1928. Charles Treat Paine. Renewed Mar. 22, 1948, to Redlands Orange Growers Association, Redlands, Calif., a corporation of California. FRESH CITRUS FRUITS—NAMELY, ORANGES. Class 46.

242,536. CANOGA. Registered May 29, 1928. Canoga Citrus Association, Owensmouth, Calif. Renewed May 29, 1948, to Canoga Citrus Association, Canoga Park, Calif., a corporation of California. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. Class 46.

242,629. "IRON CLAD" ETC. AND DESIGN. Registered May 29, 1928. Cooper, Wells & Co., St. Joseph, Mich., a corporation of Michigan. Renewed May 29, 1948. HOSIERY. Class 39.

242,637. AQUAROME. Registered May 29, 1928. Felton Chemical Company, Inc., Brooklyn, N. Y., a corporation of New York. Renewed May 29, 1948. ALDEHYDES SUITABLE FOR PERFUMING PURPOSES, ALCOHOLS SUITABLE FOR PERFUMING PURPOSES, AND OTHER NAMED TOILETRY ARTICLES. Class 6.

242,638. COLOROME. Registered May 29, 1928. Felton Chemical Company, Inc., Brooklyn, N. Y., a corporation of New York. Renewed May 29, 1948. ALDEHYDES SUITABLE FOR PERFUMING PURPOSES, ALCOHOLS SUITABLE FOR PERFUMING PURPOSES, AND OTHER NAMED TOILETRY ARTICLES. Class 6.

242,758. E C O. Registered June 5, 1928. Service Station Equipment Company, Bryan, Ohio. Renewed June 5, 1948, to John Wood Manufacturing Company, Inc., Philadelphia, Pa., a corporation of Delaware. PRESSURE GAUGES. Class 26.

242,759. E C O. Registered June 5, 1928. Service Station Equipment Company, Bryan, Ohio. Renewed June 5, 1948, to John Wood Manufacturing Company, Inc., Philadelphia, Pa., a corporation of Delaware. AIR COMPRESSORS. Class 23.

242,794. BIG BERTHA. Registered June 5, 1928. Bennett Pumps Corporation, Muskegon, Mich. Renewed June 5, 1948, to John Wood Manufacturing Company, Inc., Philadelphia, Pa., a corporation of Delaware. COMBINED LIQUID TANKS AND MEASURING DISPENSING PUMPS. Class 26.

242,801. E C O. Registered June 5, 1928. Service Station Equipment Company, Bryan, Ohio. Renewed June 5, 1948, to John Wood Manufacturing Company, Inc., Philadelphia, Pa., a corporation of Delaware. REELS FOR HOSE PIPES WHICH AUTOMATICALLY GIVE OFF THE HOSE PIPES UNDER PULL AND TAKE UP THE SLACK ON THE PIPES AUTOMATICALLY WHEN THE HOSE PIPES ARE RELEASED. Class 23.

242,891. MONOGRAM A G M. Registered June 5, 1928. Aluminum Goods Manufacturing Co., Manitowoc, Wis., a corporation of New Jersey. Renewed June 5, 1948. ELECTRIC PERCOLATORS FOR DOMESTIC USE. Class 21.

TRADE-MARK REGISTRATIONS CANCELED

217,875. REPRESENTATION OF TWO CORNUCOPIAS. Registered Sept. 14, 1926. Ceslos E. La Pointe, Loma Linda, Calif. IMITATION COFFEE. Class 46. Canceled Mar. 26, 1948.

261,791. I WITHIN A CIRCLE. Registered Sept. 24, 1929. Independent Oil and Gas Company, Tulsa, Okla. KEROSENE, GASOLINE, FURNACE OIL, HEATING OIL, ETC. Class 15. Canceled Mar. 26, 1948.

265,820. TAILWIND AVIATION GAS AND DESIGN. Registered Jan. 7, 1930. Independent Oil and Gas Company, Tulsa, Okla. GASOLINE AND LUBRICATING OILS. Class 15. Canceled Mar. 26, 1948.

317,188. LORD FAIRFAX AND REPRESENTATION OF A MAN'S HEAD. Registered Sept. 18, 1934. Lord Fairfax Corporation of Maryland, Baltimore, Md. WHISKEY, BRANDY, GIN, RUM, AND ALCOHOLIC CORDIALS. Class 49. Canceled Mar. 26, 1948.

360,011. TRIBIKE. Registered Sept. 6, 1938. Edward J. Hughes, Mineola, N. Y. CHILDREN'S VELOCIPEDE. Class 22. Canceled Mar. 26, 1948.

374,576. SUPER K AND DESIGN. Registered Jan. 16, 1940. Mid-West Coolers, Inc., St. Louis, Mo. FLUID-COOLING APPARATUS. Class 31. Canceled Mar. 15, 1948.

377,672. U CLIP BOW AND DESIGN. Registered May 7, 1940. Lawrence Kramer, New York, N. Y. NECKWEAR AND MORE PARTICULARLY, BOW TIES. Class 39. Canceled Mar. 26, 1948.

384,789. SNO-MIST. Registered Feb. 4, 1941. The Phillips & Benjamin Company, Waterbury, Conn. DEODORANT. Class 6. Canceled Mar. 26, 1948.

413,652. QUICKWAY P. C. P. Registered May 1, 1945. Pacific Citrus Products Co., Fullerton, Calif. PREPARATION FROM FRESH CITRUS FRUITS FOR USE AS A SUBSTITUTE FOR LEMON JUICE FOR FLAVORING BEVERAGES. Class 45. Canceled Mar. 26, 1948.

421,137. MERRIMAID. Registered May 21, 1946. National Toilet Company, Paris, Tenn. PREPARATIONS FOR FLAVORING SOFT DRINKS. Class 45. Canceled Mar. 15, 1948.

425,918. DOBSON AND DESIGN. Registered Dec. 3, 1946. Dobson Hosiery Mills, Pulaski, Va. HOSIERY FOR INFANTS. Class 39. Canceled Mar. 15, 1948.

427,046. SWEET BLACK. Registered Jan. 21, 1947. John B. Knight, Sr., Tampa, Fla. HAIR DRESSING, ESPECIALLY USED BY COLORED PEOPLE WITH GRAY HAIR, ETC. Class 6. Canceled Mar. 26, 1948.

428,423. MR. TWISTER AND DESIGN. Registered Mar. 25, 1947. Harold Krasner, Belleville, N. J. PRETZELS. Class 46. Canceled Mar. 26, 1948.

TRADE-MARK REGISTRATIONS AMENDED, SURRENDERED, DISCLAIMED, CORRECTED, ETC.

203,766. INDIAN POND. Registered Sept. 22, 1925. Pike Manufacturing Company, Pike, N. H. SCYTHESTONES, WHETSTONES, AND ABRASIVE SHARPENING STONES. Class 4. Corrected as follows: In the renewal certificate, line 2, for "a corporation of New Hampshire" read *a corporation of Massachusetts.*

231,957. NAPPETTE. Registered Aug. 30, 1927. The Owl Drug Co. Renewed to The Owl Drug Co., Los Angeles, Calif. SANITARY NAPKINS. Class 44. Corrected as follows: In the renewal certificate, line 2, State of incorporation, for "California" read *Nevada.*

289,843. MA BROWN AND FANCIFUL FIGURE. Registered Dec. 8, 1931. Squire Dingee Company, Chicago, Ill. FRUIT BUTTERS. Class 46. The drawing of said registration is hereby amended to appear as follows:



Ma Brown

406,220. I. W. HARPER. Registered Mar. 14, 1944. Bernheim Distilling Company, Louisville, Ky. WHISKEY. Class 49. Corrected as follows: In the statement, column 1, line 13, for "gears" read *years*; and in the statement, column 1, lines 16 to 18, for "Applicant is the owner of certificates of registration, No. 55,232, renewed August 7, 1926, and No. 48,571, dated Jan. 2, 1906, renewed." read *Applicant is the owner of Certificate of Registration No. 48,571, dated January 2, 1906, renewed.*

TRADE-MARK REGISTRATIONS REPUBLISHED

The following marks registered under the act of 1905, or the act of 1881, are published under the provisions of section 12(c) of the Trade-Mark Act of 1946. These registrations are not subject to opposition but are subject to cancellation under section 14 of the act of 1946.

CLASS 2

RECEPTACLES

Reg. No. 218,867. Registered Oct. 5, 1926. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

UNITPAK

FOR CORRUGATED PASTEBOARD BOXES.
Claims use since about Apr. 1, 1926.

Reg. No. 330,130. Registered Nov. 19, 1935. THE CHATFIELD & WOODS SACK COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.



The words "Cincinnati O" are disclaimed.
FOR PAPER SACKS.
Claims use since on or about August 1929.

Reg. No. 429,911. Registered May 20, 1947. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

VISIBAG

FOR OPEN-MESH BAGS.
Claims use since Nov. 26, 1946.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Reg. No. 385,499. Registered Mar. 4, 1941. HARTMANN TRUNK COMPANY, Racine, Wis. Republished by Hartmann Company, Racine, Wis., a corporation of Wisconsin.

ROX-HIDE

No claim is made to the word "Hide" apart from the term "Rox."
FOR SUITCASES, TRUNKS, LUGGAGE CARRIERS, HAT BOXES FOR LUGGAGE PURPOSES, AND WARDROBE HAND LUGGAGE.
Claims use since Sept. 26, 1940.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Reg. No. 78,069. Registered May 31, 1910. THE J. P. DAVIES COMPANY, Dayton, Ohio. Republished by The Davies-Young Soap Company, Dayton, Ohio, a corporation of Ohio.



FOR SOAP.
Claims use since September 1908.

Reg. No. 117,383. Registered July 3, 1917. UNITED STATES SILICA CO., Chicago, Ill. Republished by Ottawa Silica Company, Ottawa, Ill., a corporation of Delaware.

FLINT SHOT

FOR SAND-BLAST SAND.
Claims use since about Apr. 1, 1916.

Reg. No. 181,114. Registered Mar. 11, 1924. S. C. JOHNSON & SON, Racine, Wis. Republished by S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin.

JOHNSON'S

FOR VALVE-GRINDING COMPOUND.
Claims use since July 1919.

Reg. No. 225,092. Registered Mar. 8, 1927. DIVERSEY MANUFACTURING COMPANY, Chicago, Ill. Republished by The Diversey Corporation, Chicago, Ill., a corporation of Illinois.

DIVERSOL

FOR CLEANSER OR DETERGENT GENERALLY USED IN SOLID FORM FOR CLEANING RECEPTACLES AND CONTAINERS.
Claims use since Oct. 12, 1926.

Reg. No. 234,222. Registered Oct. 18, 1927. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

Selox

FOR WASHING POWDER.
Claims use since Apr. 25, 1927.

Reg. No. 237,099. Registered Jan. 3, 1928. U. S. SANITARY SPECIALTIES CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

PHOREX

FOR GENERAL CLEANING OR WASHING COMPOUND.
Claims use since Jan. 6, 1927.

Reg. No. 239,440. Registered Mar. 6, 1928. PERKINS SOAP COMPANY, Springfield, Mass., a corporation of Massachusetts. Republished by registrant.

J. B.

FOR SOAP.
Claims use since Feb. 14, 1903.

Reg. No. 308,468. Registered Dec. 5, 1933. BENNETT GLASS & PAINT COMPANY, Salt Lake City, Utah. Republished by Bennett's, Salt Lake City, Utah, a corporation of Utah.



FOR WALL PAPER CLEANSER, SOAPS AND GENERAL HOUSEHOLD CLEANSING AND POLISHING PREPARATION AND SCRUBBING COMPOUND.
Claims use since Feb. 1, 1933.

Reg. No. 390,320. Registered Sept. 16, 1941. THE HEWITT SOAP COMPANY, INC., Dayton, Ohio, a corporation of Ohio. Republished by registrant.

SPRING BOUQUET

FOR TOILET SOAP.
Claims use since January 1940.

Reg. No. 406,277. Registered Mar. 21, 1944. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

DISHEZE

FOR COMPOUND FOR CLEANING, STERILIZING, AND POLISHING DISHES, GLASSWARE, POTS, PANS, KETTLES, AND SILVERWARE.
Claims use since Feb. 1, 1933.

Reg. No. 406,278. Registered Mar. 21, 1944. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

LUSTRIN

FOR CLEANING AND POLISHING COMPOUND FOR GLASS.
Claims use since Jan. 1, 1927.

Reg. No. 412,305. Registered Feb. 27, 1945. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

ACCO

FOR TOILET SOAP.
Claims use since December 1916.

Reg. No. 423,251. Registered Aug. 27, 1946. WOLLENSAK OPTICAL COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

Wocote

FOR LENS CLEANING FLUID.
Claims use since Sept. 12, 1945.

Reg. No. 430,422. Registered June 10, 1947. PUREX CORPORATION, LTD., South Gate, Calif., a corporation of California. Republished by registrant.

TREND

FOR POWDERED CLEANSER FOR GENERAL HOUSEHOLD USE AND ALSO CERTAIN COMMERCIAL USES, SUCH AS IN LAUNDRIES AND IN THE CLEANING OF DAIRY EQUIPMENT.
Claims use since Oct. 18, 1946.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Reg. No. 84,730. Registered Jan. 2, 1912. AUGUST E. DRUCKER, San Francisco, Calif. Republished by August E. Drucker Co., San Francisco, Calif., a corporation of California.

REVELATION

FOR TOOTH POWDER.
Claims use since Jan. 1, 1906.

Reg. No. 126,952. Registered Oct. 14, 1919. S. PFEIFFER MFG. CO., St. Louis, Mo., a corporation of Missouri. Republished by registrant.



FOR MEDICINAL PREPARATION FOR THE RELIEF OF DISEASES AND DISORDERS OF THE KIDNEYS AND LIVER.
Claims use since 1876.

Reg. No. 139,868. Registered Feb. 22, 1921. S. PFEIFFER MFG. CO., St. Louis, Mo., a corporation of Missouri. Republished by registrant.

CRAP SHOOTERS

FOR MEDICINAL PREPARATION FOR THE RELIEF OF DISEASES AND DISORDERS OF THE LIVER.
Claims use since Sept. 2, 1916.

Reg. No. 200,442. Registered June 30, 1925. MORTIMER W. SARGEANT, East Orange, N. J. Republished by Sargeant Acnoid Pharmaceutical Co., Inc., East Orange, N. J., a corporation of New Jersey.

PALMOL HANDROPS

FOR HAND LOTION.
Claims use since May 10, 1923.

Reg. No. 215,869. Registered July 27, 1926. INTERNATIONAL FILTER CO., Chicago, Ill. Republished by Infilco Incorporated, Chicago, Ill., a corporation of Delaware.

Crystalite

FOR WATER-SOFTENING MATERIALS.
Claims use since about June 1, 1924.

Reg. No. 230,506. Registered July 26, 1927. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

CALOGREEN

FOR CALOGREEN, A MERCURIAL SALT KNOWN AS MERCUROUS CHLORIDE, EMPLOYED FOR THE CONTROL OF BROWN PATCH ON PUTTING GREENS AND FINE LAWNS.
Claims use since Feb. 1, 1927.

Reg. No. 240,415. Registered Mar. 27, 1928. U. S. SANITARY SPECIALTIES CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

NOX-KWIK

FOR INSECTICIDES.
Claims use since June 14, 1927.

Reg. No. 251,292. Registered Jan. 1, 1929. CLOROX CHEMICAL CORPORATION, Oakland, Calif. Republished by Clorox Chemical Co., Oakland, Calif., a corporation of Delaware.

CLOROX

FOR BLEACHING, CLEANSING, ANTISEPTIC, AND GERMICIDAL COMPOUNDS.
Claims use since July 15, 1914.

Reg. No. 255,739. Registered Apr. 30, 1929. THE MADAM C. J. WALKER MANUFACTURING COMPANY, INC., Indianapolis, Ind., a corporation of Indiana. Republished by registrant.



The words "Egyptian Brown" are disclaimed.
FOR FACE POWDER.
Claims use since June 1, 1927.

Reg. No. 255,740. Registered Apr. 30, 1929. THE MADAM C. J. WALKER MANUFACTURING COMPANY, INC., Indianapolis, Ind., a corporation of Indiana. Republished by registrant.



The words "For Men," "Pomade," and "Mme. C. J. Walker's" are disclaimed.
FOR POMADE.
Claims use since Mar. 1, 1928.

Reg. No. 311,439. Registered Mar. 20, 1934. E. DALTROFF & CIE., doing business as Parfumerie Caron, Paris, France, assignor to Caron Corporation, New York, N. Y., a corporation of New York. Republished by Caron Corporation, New York, N. Y., a corporation of New York.

FLEURS DE ROCAILLE

FOR PERFUMES, LOTIONS FOR THE SKIN AND HAIR.
Claims use since June 16, 1933.

Reg. No. 314,984. Registered July 17, 1934. SARGEANT ACNOID PHARMACEUTICAL CO., INC., East Orange, N. J., a corporation of New Jersey. Republished by registrant.

GWENOID

FOR SKIN SALVES, SKIN OINTMENTS, SKIN LOTIONS, SKIN CREAMS, AND POWDERS FOR THE SKIN.
Claims use since Jan. 14, 1934.

Reg. No. 316,763. Registered Sept. 4, 1934. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

FORMKOLENE

FOR GERMICIDE, DEODORANT, AND DISINFECTANT.
Claims use since Jan. 14, 1925.

Reg. No. 327,233. Registered Aug. 20, 1935. PARKER RUST PROOF COMPANY, Detroit, Mich., a corporation of Michigan. Republished by registrant.

SPRA Bonderite

The word "Spra" is disclaimed.
FOR CHEMICAL RUST PREVENTING COMPOUND.
Claims use since Mar. 22, 1935.

Reg. No. 336,375. Registered July 7, 1936. FRED FEAR & CO., Brooklyn, N. Y., a corporation of New York. Republished by registrant.

EASTER BUNNY

FOR DYES—NAMELY, EASTER-EGG DYES.
Claims use since Dec. 23, 1935.

Reg. No. 350,662. Registered Oct. 5, 1937. PARKER RUST PROOF COMPANY, Detroit, Mich., a corporation of Michigan. Republished by registrant.

BONDERITE Z

FOR CHEMICAL RUST-PREVENTING COMPOUNDS.
Claims use since Sept. 15, 1936.

Reg. No. 353,439. Registered Jan. 11, 1938. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

THERMOX

FOR SOOT DESTROYER AND FUEL SAVER.
Claims use since Jan. 2, 1936.

Reg. No. 365,390. Registered Mar. [illegible]9. PARKER RUST PROOF COMPANY, Detroit, Mich., a corporation of Michigan. Republished by registrant.

PARCOLITE

FOR CHEMICALS FOR USE IN OBTAINING ON METALLIC SURFACES CORROSION-RESISTANT PAINT-HOLDING COATINGS.
Claims use since Sept. 21, 1938.

Reg. No. 369,746. Registered Aug. 1, 1939. THE EDWAL LABORATORIES, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.

ORTHAZITE

FOR CHEMICALS AND MIXTURES OF CHEMICALS FOR USE IN PHOTOGRAPHIC DEVELOPING PROCESSES, PARTICULARLY MIXTURES OF CHEMICALS FOR IMPARTING MODIFIED TONES TO PHOTOGRAPHIC PRINTS.
Claims use since Mar. 6, 1939.

Reg. No. 370,624. Registered Aug. 29, 1939. PARKER RUST PROOF COMPANY, Detroit, Mich., a corporation of Michigan. Republished by registrant.

STEELBOND

FOR CHEMICALS FOR TREATING STEEL SURFACES TO OBTAIN THEREON CORROSION RESISTANT PAINT HOLDING COATINGS.
Claims use since Apr. 20, 1939.

Reg. No. 375,454. Registered Feb. 20, 1940. SATISH C. GHOSE, Chicago, Ill. Republished by registrant.

BIRTHDAY PERFUME

The word "Perfume" is disclaimed.
FOR PERFUME.
Claims use since May 15, 1939.

Reg. No. 377,477. Registered May 7, 1940. DR. PETER FAHRNEY & SONS CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.



All the wording is disclaimed except "Dra. Petra," "Dr. Peter's," "Dra. Piotra," "Magolo," "1780," "P. Fahrney, M. D." and "Dr. Peter Fahrney & Sons Co."

FOR A PREPARATION FOR ACUTE, RELAXED AND DISTURBED CONDITIONS OF THE STOMACH AND BOWELS.

Claims use since July 27, 1939.

Reg. No. 380,283. Registered Aug. 20, 1940. FRED FEAR & Co., Brooklyn, N. Y., a corporation of New York. Republished by registrant.

PRESTO

FOR COLORING FOR EASTER EGGS.

Claims use since September 1933.

Reg. No. 389,815. Registered Aug. 19, 1941. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

drene

Supreme

FOR SHAMPOO.

Claims use since Feb. 21, 1941.

Reg. No. 390,154. Registered Sept. 9, 1941. CAMPANA SALES COMPANY, Batavia, Ill., a corporation of Delaware. Republished by registrant.

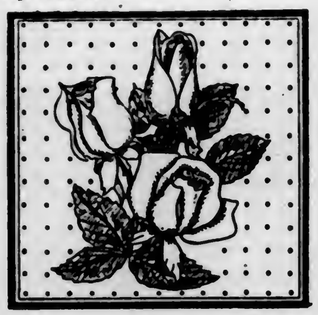
Old South Perfumers

The word "Perfumers" is disclaimed.

FOR BATH POWDERS, BATH CRYSTALS, TALCUM POWDERS, SACHETS, LOTIONS FOR THE SKIN, AND PERFUMERY.

Claims use since July 9, 1940.

Reg. No. 401,470. Registered May 18, 1943. FLOWER FOODS, INC., Maywood, Ill., a corporation of Illinois. Republished by registrant.



FOR A COMPOSITION CONTAINING CHEMICAL INGREDIENTS FOR STRENGTHENING, STERILIZING, FEEDING, AND PROMOTING THE DEVELOPMENT OF CUT PLANTS AND ADAPTED TO BE ADDED TO WATER IN WHICH THE PLANTS ARE IMMERSED.

Claims use since Feb. 1, 1939.

Reg. No. 401,781. Registered June 8, 1943. MEDICAL CHEMICALS, INC., Baltimore, Md., a corporation of Maryland. Republished by registrant.

ISO-PARINOL

FOR GERMICIDAL AND FUNGICIDAL PREPARATIONS.

Claims use since Mar. 15, 1942.

Reg. No. 404,401. Registered Nov. 23, 1943. RID-SLUDGE, INCORPORATED, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

RID-SLUDGE

The word "Sludge" is disclaimed.

FOR SOLUTION FOR REMOVING SLUDGE DEPOSITS FROM HEATING AND COOLING SYSTEMS, PIPES, CONDUITS, AND THE LIKE.

Claims use since in November 1941.

Reg. No. 404,725. Registered Dec. 21, 1943. MATHILDE MCGILLICUDDY, Minneapolis, Minn. Republished by registrant.

SISABO

FOR EXPECTORANT AND SEDATIVE PREPARATION FOR COUGHS DUE TO COMMON COLD.

Claims use since May 2, 1925.

Reg. No. 406,279. Registered Mar. 21, 1944. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

PERFUMO

FOR SPRAY DEODORANT AND DISINFECTANT.

Claims use since Feb. 1, 1927.

Reg. No. 410,695. Registered Dec. 12, 1944. THE EDWAL LABORATORIES, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.

THIAMATE

FOR PHOTOGRAPHIC FIXING AGENTS.

Claims use since on or about May 15, 1943.

Reg. No. 417,211. Registered Oct. 16, 1945. DOROTHY A. LONG, Amenia, N. Y. Republished by registrant.

DAWNWOOD FARM
F. NO. 3

The word "Farm" is disclaimed.

FOR VETERINARY PREPARATIONS—NAMELY, A PREPARATION FOR TREATMENT OF SKIN TROUBLES, ERUPTIONS AND SORES ON COWS, DOGS AND OTHER ANIMALS.

Claims use since Mar. 7, 1945.

CLASS 9

EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES

Reg. No. 68,557. Registered Apr. 14, 1908. THE POTTS POWDER COMPANY, Reynolds, Pa., and New York, N. Y. Republished by Atlas Powder Company, Wilmington, Del., a corporation of Delaware.

COALITE

FOR NITROGLYCERIN DYNAMITE.

Claims use since July 1, 1907.

CLASS 11

INKS AND INKING MATERIALS

Reg. No. 387,507. Registered May 20, 1941. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

BULLET

FOR CARBON PAPERS AND TYPEWRITER RIBBONS.

Claims use since Apr. 11, 1928.

Reg. No. 392,901. Registered Jan. 20, 1942. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

NUMERICAL

FOR CARBON PAPERS AND TYPEWRITER RIBBONS.

Claims use since Apr. 29, 1936.

Reg. No. 394,561. Registered Apr. 14, 1942. STANDARD MANIFOLD COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

REPEAT-O-PAK

The word "Pak" is disclaimed.

FOR PACKS OF CARBON PAPER.

Claims use since Nov. 8, 1940.

Reg. No. 397,995. Registered Oct. 6, 1942. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

WAY BILL

FOR CARBON PAPERS AND TYPEWRITER RIBBONS.

Claims use since Jan. 1, 1925.

Reg. No. 398,475. Registered Nov. 3, 1942. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

TROPICAL BRAND

The word "Brand" is disclaimed.

FOR CARBON PAPERS AND TYPEWRITER RIBBONS.

Claims use since May 28, 1937.

CLASS 12

CONSTRUCTION MATERIALS

Reg. No. 233,050. Registered Sept. 20, 1927. THE WOODVILLE LIME PRODUCTS COMPANY, Toledo, Ohio, a corporation of Ohio. Republished by registrant.

BLUE BOY

FOR LIME.

Claims use since Dec. 31, 1926.

Reg. No. 388,071. Registered June 10, 1941. SEAMAN PAPER COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

KWILKO

FOR KAPOK BATTING FOR SOUND-DEADENING AND THERMAL INSULATION.

Claims use since May 8, 1939.

Reg. No. 412,093. Registered Feb. 20, 1945. WALTER MAGUIRE COMPANY, INC., New York, N. Y., a corporation of New York. Republished by registrant.

EMERI-CRETE

The word "Emeri" is disclaimed.

FOR PRE-MIXED CEMENT FOR PATCHING CONCRETE.

Claims use since Aug. 17, 1943.

CLASS 13
HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Reg. No. 90,585. Registered Mar. 4, 1913. THE M. B. SCHENCK COMPANY, Meriden, Conn. Republished by The Bassick Company, Bridgeport, Conn., a corporation of Connecticut.

STEEL GEM

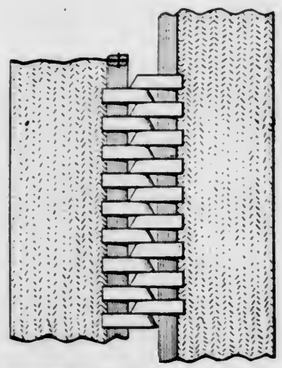
The word "Steel" is disclaimed.
FOR CASTERS.
Claims use since Nov. 1, 1897.

Reg. No. 154,226. Registered Apr. 11, 1922. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.

Bassick

FOR CASTERS, METAL DRAWER PULLS AND KNOBS, KEYHOLE ESCUTCHEONS, TOILET SCREWS, COAT AND HAT HOOKS, SOCKETS FOR END OF TABLE AND CHAIR LEGS, NAME PLATES FOR FILES, AND METAL FURNITURE TRIMMINGS.
Claims use since May 13, 1921.

Reg. No. 232,898. Registered Sept. 20, 1927. HOOKLESS FASTENER COMPANY, Meadville, Pa. Republished by Talon, Inc., Meadville, Pa., a corporation of Pennsylvania.



The representation of the goods is disclaimed.
FOR SEPARABLE FASTENER STRINGERS AND SEPARABLE FASTENERS.
Claims use since Feb. 26, 1927.

Reg. No. 234,746. Registered Nov. 1, 1927. HOOKLESS FASTENER COMPANY, Meadville, Pa. Republished by Talon, Inc., Meadville, Pa., a corporation of Pennsylvania.



FOR SEPARABLE FASTENERS ESPECIALLY OF THE SLIDER-CONTROLLED TYPE.
Claims use since Feb. 22, 1927.

Reg. No. 240,590. Registered Apr. 3, 1928. THE BASSICK COMPANY, Bridgeport, Conn., a corporation of Connecticut. Republished by registrant.

Atlasite

FOR SLIDES AND WHEELS FOR FURNITURE CASTERS.
Claims use since Sept. 1, 1927.

Reg. No. 243,359. Registered June 19, 1928. THE GENERAL INDUSTRIES COMPANY, Elyria, Ohio, a corporation of Ohio. Republished by registrant.

PERMO

FOR MOLDED ARTICLES OF PLASTIC COMPOSITION—NAMELY, CASTER WHEELS, HANDLES FOR VALVES, AND KNOBS.
Claims use since Sept. 30, 1926.

Reg. No. 274,575. Registered Sept. 2, 1930. DUKE MANUFACTURING CO., St. Louis, Mo., a corporation of Missouri. Republished by registrant.

Duke

FOR CEREAL COOKERS, PORTABLE HOT-WATER FOOD WARMERS, STEAM TABLES, PORTABLE HOT-WATER SERVICE-PLATE WARMERS, PORTABLE HOT-WATER ROLL WARMERS, URN STANDS, COFFEE URNS, COMPARTMENT STEAMERS, FLOOR PANS, BAINS-MARIE, SINKS, METALPROOF BOXES AND INSULATED PANS, WATER-COOLER FOUNTAINS AND WATER STATION FOUNTAINS.
Claims use since Sept. 9, 1925.

Reg. No. 279,629. Registered Jan. 20, 1931. CLAUDE A. LEWIS, Houston, Tex. Republished by Amity Leather Products Co., West Bend, Wis., a corporation of Wisconsin.

KEEKADDY

FOR POCKET-BASE-METAL KEY HOLDERS.
Claims use since Aug. 15, 1930.

Reg. No. 295,483. Registered July 5, 1932. THE WAGNER MANUFACTURING COMPANY, Sidney, Ohio., a corporation of Ohio. Republished by registrant.

SIZZLING

FOR BASE METAL STEAK PLATTER.
Claims use since Feb. 4, 1932.

Reg. No. 305,163. Registered Aug. 8, 1933. WEST BEND ALUMINUM CO., West Bend, Wis., a corporation of Wisconsin. Republished by registrant.

FUTURA

FOR BASE METAL COOKING HOLLOW WARE.
Claims use since Nov. 5, 1930.

Reg. No. 305,164. Registered Aug. 8, 1933. WEST BEND ALUMINUM CO., West Bend, Wis., a corporation of Wisconsin. Republished by registrant.

DRIPETTE

FOR COFFEE MAKING PERCOLATORS.
Claims use since Nov. 13, 1930.

Reg. No. 341,566. Registered Dec. 15, 1936. THE WAGNER MANUFACTURING COMPANY, Sidney, Ohio, a corporation of Ohio. Republished by registrant.

Magnalite

FOR BASE METAL COOKING HOLLOW WARE.
Claims use since Nov. 8, 1934.

Reg. No. 381,511. Registered Sept. 24, 1940. TALON, INC., Meadville, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR SLIDE FASTENERS.
Claims use since about April 1930.

Reg. No. 402,467. Registered July 27, 1943. AUTOMATIC PRODUCTS COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

TRAP-IT

FOR STRAINERS USED IN LIQUID SYSTEMS SUCH AS REFRIGERATION AND WATER SYSTEMS.
Claims use since Jan. 25, 1940.

Reg. No. 429,695. Registered May 13, 1947. ARTHUR R. ADAMS, Glendale, Calif. Republished by Adams Rite Manufacturing Company, Glendale, Calif., a corporation of California.



FOR METAL FASTENERS, FAUCETS, VALVES, AND DRAIN VALVES.
Claims use since Mar. 20, 1946.

Reg. No. 429,701. Registered May 13, 1947. W. N. MATTHEWS CORPORATION, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

UNIGUY

FOR CLAMPS FOR WIRES.
Claims use since February 1946.

CLASS 14
METALS AND METAL CASTINGS AND FORGINGS

Reg. No. 75,084. Registered Aug. 31, 1909. ILLINOIS IRON & BOLT CO., Carpentersville, Ill., a corporation of Illinois. Republished by registrant.



FOR ANVILS.
Claims use since 1878.

Reg. No. 235,975. Registered Nov. 29, 1927. KLOSTER STEEL CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

CHIZ-ALLOY

The word "Alloy" is disclaimed.
FOR TOOL STEEL.
Claims use since May 1, 1927.

Reg. No. 310,330. Registered Feb. 20, 1934. ILLINOIS IRON & BOLT CO., Carpentersville, Ill., a corporation of Illinois. Republished by registrant.

SOUTHERN CRESENT

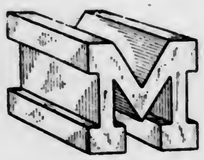
FOR ANVILS.
Claims use since May 1908.

Reg. No. 363,830. Registered Jan. 10, 1939. PARKER RUST PROOF COMPANY, Detroit, Mich., a corporation of Michigan. Republished by registrant.

STEEL GRIP

FOR STEEL SHEETS WHICH HAVE BEEN CHEMICALLY TREATED TO OBTAIN UPON THE SURFACES THEREOF CORROSION RESISTANT PAINT HOLDING COATINGS.
Claims use since June 28, 1938.

Reg. No. 405,481. Registered Feb. 1, 1944. MILWAUKEE DIE CASTING CO., Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.



FOR PRESSURE DYE CASTINGS OF ALUMINUM BASE ALLOYS, ZINC BASE ALLOYS, AND LEAD BASE ALLOYS IN THE FORM OF COMPLETED PARTS FOR ARTICLES OF MANUFACTURE BUT REQUIRING SUBSEQUENT TRIMMING AND/OR MACHINING.
Claims use since on or about June 4, 1943.

Reg. No. 411,286. Registered Jan. 9, 1945. HARNISCHFEGER CORPORATION, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

P & H

FOR METALLIC WELDING ELECTRODES.
Claims use since Aug. 26, 1939.

Reg. No. 411,385. Registered Jan. 16, 1945. NATIONAL METAL SPECIALTIES CO., Springfield, Mass., a corporation of Massachusetts. Republished by registrant.

NATIONAL -METAL-

The word "Metal" is disclaimed.
FOR METAL STAMPINGS OF SHEET SEMI-FABRICATED METAL IN THE FORM OF METAL PARTS FOR ARTICLES OF COMMERCE.
Claims use since May 6, 1944.

Reg. No. 414,788. Registered June 26, 1945. COAST METALS, INC., Canton, Ohio, a corporation of Delaware. Republished by registrant.

COAST METALS

The word "Metals" is disclaimed.
FOR HARD-FACING WELDING RODS AND HARD CASTINGS.
Claims use since 1936.

Reg. No. 417,623. Registered Nov. 6, 1945. HEPPENSTALL COMPANY, Pittsburgh, Pa., a corporation of Pennsylvania. Republished by registrant.

SILVERTEM

FOR STEEL FORGINGS.
Claims use since Jan. 16, 1945.

Reg. No. 424,315. Registered Oct. 1, 1946. RUSTLESS IRON & STEEL CORPORATION, Baltimore, Md., assignor to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio. Republished by The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio.



FOR ALLOY STEEL AND CORROSION RESISTING ALLOY STEEL IN THE FORM OF INGOTS, CASTINGS, AND FORGINGS, AND IN WROUGHT FORMS SUCH AS BILLETS, BARS, RODS, WIRE AND THE LIKE.
Claims use since November 1943.

CLASS 15
OILS AND GREASES

Reg. No. 90,390. Registered Feb. 18, 1913. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

ROXITE

FOR MINERAL WAX.
Claims use since January 1905.

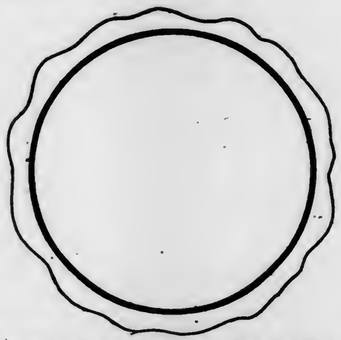
Reg. No. 91,430. Registered Apr. 29, 1913. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

SPERMATINE

FOR MINERAL WAX.
Claims use since October 1903.

CLASS 16
PAINTS AND PAINTERS' MATERIALS

Reg. No. 206,205. Registered Nov. 24, 1925. BENNETT GLASS & PAINT COMPANY, Salt Lake City, Utah. Republished by Bennett's, Salt Lake City, Utah, a corporation of Utah.



FOR DRY, PASTE, AND READY-MIXED PAINTS, VARNISHES, AND ENAMELS INCLUDING PAINT, VARNISH, AND ENAMEL SPECIALTIES, PRODUCTS MANUFACTURED TO MEET PECULIAR CONDITIONS.
Claims use since June 1, 1923.

Reg. No. 206,312. Registered Nov. 24, 1925. BENNETT GLASS & PAINT COMPANY, Salt Lake City, Utah. Republished by Bennett's, Salt Lake City, Utah, a corporation of Utah.

Property Life Insurance

FOR DRY, PASTE, AND READY-MIXED PAINTS, VARNISHES, AND ENAMELS INCLUDING PAINT, VARNISH, AND ENAMEL SPECIALTIES, PRODUCTS MANUFACTURED TO MEET PECULIAR CONDITIONS.
Claims use since June 1, 1923.

Reg. No. 224,358. Registered Feb. 22, 1927. S. C. JOHNSON & SON, Racine, Wis. Republished by S. C. Johnson & Son, Inc., Racine Wis., a corporation of Wisconsin.

JOHNSON'S

FOR VARNISH.
Claims use since Jan. 1, 1895.

Reg. No. 247,965. Registered Oct. 9, 1928. S. C. JOHNSON & SON, Racine, Wis. Republished by S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin.

JOHNSON'S

FOR LACQUERS.
Claims use since about Mar. 6, 1924.

Reg. No. 301,015. Registered Feb. 14, 1933. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

MISTO

FOR FLOOR DRESSING.
Claims use since Sept. 1, 1923.

Reg. No. 306,793. Registered Sept. 26, 1933. BENNETT GLASS & PAINT COMPANY, Salt Lake City, Utah. Republished by Bennett's, Salt Lake City, Utah, a corporation of Utah.



FOR SELF-POLISHING FLOOR WAX AND PASTE FLOOR WAX.
Claims use since Oct. 1, 1932.

Reg. No. 374,700. Registered Jan. 23, 1940. MINNESOTA LINSEED OIL PAINT COMPANY, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

MASTER GUILD

FOR PAINTS OF ALL KINDS, IN LIQUID AND PASTE FORM, AND VARNISHES.
Claims use since March 1933.

Reg. No. 405,181. Registered Jan. 11, 1944. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

CELLOPHOR

FOR QUICK-DRYING, PENETRATING, TRANSPARENT, HARDENING SEAL FOR CONCRETE AND TERRAZZO FLOORS.
Claims use since July 1, 1930.

Reg. No. 406,918. Registered May 9, 1944. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

MISTOSEAL

FOR PENETRATING FLOOR VARNISH CONTAINING GUMS, RESINS, AND OILS.
Claims use since Aug. 1, 1934.

Reg. No. 411,032. Registered Jan. 2, 1945. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

ACCO

FOR LIQUID FLOOR WAX SAPONIFIED WITH WATER AND POWDERED FLOOR WAX.
Claims use since December 1916.

Reg. No. 425,715. Registered Dec. 3, 1946. HARRY H. ROHLOFF, Los Angeles, Calif. Republished by registrant.

KEMIKO

FOR CHEMICAL STAINS FOR COLORING CONCRETE AND OIL AND WAX DRESSING FOR CONCRETE, BRICK, TILE AND LIKE SURFACES.
Claims use since Mar. 1, 1939.

CLASS 19

VEHICLES

Reg. No. 127,289. Registered Nov. 4, 1919. MEAD CYCLE COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Ranger

FOR BICYCLES.
Claims use since early 1896.

Reg. No. 127,290. Registered Nov. 4, 1919. MEAD CYCLE COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Pathfinder

FOR BICYCLES.
Claims use since spring of 1916.

Reg. No. 135,162. Registered Sept. 21, 1920. WESTERN WHEELED SCRAPER COMPANY, Aurora, Ill. Republished by Austin-Western Company, Aurora, Ill., a corporation of Illinois.

Western

FOR DUMP CARS, SPREADER CARS, FLAT CARS, AND DUMP WAGONS.
Claims use since Apr. 14, 1891.

Reg. No. 373,314. Registered Dec. 5, 1939. LOCKHEED AIRCRAFT CORPORATION, Burbank, Calif., a corporation of California. Republished by registrant.

LOCKHEED

FOR AIRPLANES AND STRUCTURAL PARTS THEREFOR, NOT IN OTHER CLASSES.
Claims use since July 1927.

Reg. No. 404,084. Registered Nov. 2, 1943. THE BUDA COMPANY, Harvey, Ill., a corporation of Illinois. Republished by registrant.

BUDA

FOR VEHICLES—NAMELY, RAILWAY MOTOR CARS FOR PASSENGERS, INSPECTION AND SECTION GANG PURPOSES, VELOCIPEDES, PUSH OR TRAILER CARS, HAND CARS, WHEELS, AXLES AND BEARINGS; INDUSTRIAL SHOP MOTOR TRUCKS; AND STRUCTURAL PARTS FOR SUCH VEHICLES.
Claims use since 1881.

CLASS 20

LINOLEUM AND OILED CLOTH

Reg. No. 392,035. Registered Dec. 2, 1941. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant.

LINOSET

FOR PREFABRICATED, DECORATIVE ELEMENTS OF LINOLEUM AND SIMILAR HARD SURFACE FLOOR COVERINGS.
Claims use since on or about May 23, 1929.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Reg. No. 227,213. Registered May 3, 1927. S. C. JOHNSON & SON, Racine, Wis. Republished by S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin.

JOHNSON'S

FOR ELECTRIC FLOOR-POLISHING MACHINES.
Claims use since Dec. 17, 1924, or before.

Reg. No. 241,892. Registered May 8, 1928. AMERICAN METAL PRODUCTS CORPORATION, San Francisco, Calif. Republished by Universal Match Corporation, St. Louis, Mo., a corporation of Delaware.

presalite

FOR AUTOMATIC ELECTRICAL LIGHTERS AND DISPENSERS FOR CIGARS, CIGARETTES, AND THE LIKE, NOT INCLUDING ELECTRIC STORAGE BATTERIES.
Claims use since Jan. 1, 1927.

Reg. No. 252,646. Registered Feb. 12, 1929. HENRY L. CROWLEY & COMPANY, INC., East Orange, N. J., a corporation of New Jersey. Republished by registrant, present location West Orange, N. J.

CROLITE

FOR CERAMIC ELECTRIC INSULATING COMPOUND.
Claims use since Apr. 6, 1928.

Reg. No. 302,936. Registered May 2, 1933. REYNOLDS ELECTRIC CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

NEONIMATER

FOR ELECTRICAL FLASHERS AND FLASHER CONTROLS.
Claims use since May 10, 1932.

Reg. No. 314,225. Registered June 19, 1934. REYNOLDS ELECTRIC CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

Reco

FOR ELECTRIC ADVERTISING SIGNS OF THE GASEOUS GLOW TYPE, AND PARTS THEREOF CONSISTING IN FLASHER UNITS, TIMERS, BRUSHES, COLOR HOODS, AND HOOD SOCKETS; ELECTRICALLY-CONTROLLED INTERMITTENT SIGNAL LIGHT SYSTEMS AND EQUIPMENT FOR STREET AND RAILWAY TRAFFIC, CIRCUIT CONTROLS THEREFOR AND PARTS THEREOF; AND ELECTRIC LAMPS FOR ILLUMINATING PAINTED SIGNS, BULLETINS, POSTER BOARDS, AND THE LIKE.
Claims use since May 15, 1901.

Reg. No. 329,344. Registered Oct. 29, 1935. WEST BEND ALUMINUM CO., West Bend, Wis., a corporation of Wisconsin. Republished by registrant.

Speedmaster

FOR ELECTRIC TEA KETTLES.
Claims use since Jan. 15, 1935.

Reg. No. 343,020. Registered Feb. 9, 1937. THE BELL SOUND SYSTEMS, INC., Columbus, Ohio, a corporation of Ohio. Republished by registrant.

BELfone

FOR AUDIO AND ELECTRIC AMPLIFIERS, MICROPHONES, LOUD SPEAKERS, AND SELECTOR SWITCHES.
Claims use since May 20, 1936.

Reg. No. 373,180. Registered Nov. 28, 1939. REYNOLDS ELECTRIC COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

RADI-AIRE

FOR ELECTRIC FANS.
Claims use since June 7, 1939.

Reg. No. 396,924. Registered Aug. 11, 1942. VICTOR INSULATORS, INC., Victor, N. Y., a corporation of New York. Republished by registrant.

V

FOR WET PROCESS PORCELAIN HIGH TENSION ELECTRIC INSULATORS, HAVING RATINGS FROM A MINIMUM OF 4 KILOVOLTS TO MAXIMUM POSSIBLE VOLTAGES, WET FLASHOVER FROM A MINIMUM OF 12 KILOVOLTS TO THE MAXIMUM POSSIBLE WET FLASHOVER VOLTAGES, AND DRY FLASHOVER FROM A MINIMUM OF 23 KILOVOLTS TO THE MAXIMUM POSSIBLE DRY FLASHOVER VOLTAGES.
Claims use since Aug. 25, 1941.

Reg. No. 405,685. Registered Feb. 15, 1944. ERIE RESISTOR CORPORATION, Erie, Pa., a corporation of Pennsylvania. Republished by registrant.

HI-K CERAMICON

The word "Hi-K" is disclaimed.
FOR HIGH DIELECTRIC CERAMIC CONDENSERS.
Claims use since Apr. 21, 1943.

Reg. No. 405,700. Registered Feb. 15, 1944. BURGESS BATTERY COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant, present location Freeport, Ill.

vibro-tool

The word "Tool" is disclaimed.
FOR PORTABLE ELECTRIC ENGRAVING AND CUTTING IMPLEMENT.
Claims use since July 1941.

Reg. No. 409,384. Registered Oct. 3, 1944. WICO ELECTRIC COMPANY, West Springfield, Mass., a corporation of Massachusetts. Republished by registrant.

BANTAMAG

FOR MAGNETOS.
Claims use since May 12, 1944.

Reg. No. 417,711. Registered Nov. 13, 1945. THE OHIO CRANKSHAFT COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TOCCOTRON

FOR INDUCTIVE AND DIELECTRIC HEATING APPARATUS IN WHICH CURRENT FOR HARDENING, ANNEALING, BRAZING, HEATING FOR FORGING, MELTING AND DRYING ARTICLES, AND PARTS OF ARTICLES IS DERIVED FROM ELECTRONIC TUBES, THE TUBES COMPRISING A PART OF THE APPARATUS.
Claims use since about Oct. 15, 1944.

Reg. No. 424,467. Registered Oct. 8, 1946. RICHARD H. TURK, doing business as International Electric Fence Co., Chicago, Ill. Republished by International Electric Co., Chicago, Ill., a corporation of Illinois.

International

FOR ELECTRIC FENCES.
Claims use since Jan. 1, 1938.

Reg. No. 430,384. Registered June 10, 1947. HERSHEY MFG. CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

Vitabrush

FOR ELECTRICALLY OPERATED HAIR BRUSHES.
Claims use since November 1940.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Reg. No. 73,218. Registered Mar. 30, 1909. THE HORTON MANUFACTURING COMPANY, Bristol, Conn., a corporation of Connecticut. Republished by registrant.

LUCKIE.

FOR FISHING-RODS.
Claims use since Sept. 1, 1908.

Reg. No. 239,599. Registered Mar. 6, 1928. BROWN & BIGELOW, St. Paul, Minn., a corporation of Minnesota. Republished by registrant.

Remembrance

FOR PLAYING CARDS.
Claims use since on or about Sept. 1, 1927.

Reg. No. 269,965. Registered Apr. 22, 1930. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

SUPER SPEED

FOR GAME-TABLE CUSHIONS.
Claims use since Nov. 27, 1925.

Reg. No. 298,096. Registered Oct. 11, 1932. THE HORTON MANUFACTURING COMPANY, Bristol, Conn., a corporation of Connecticut. Republished by registrant.

BLACK WONDER

FOR FISHING LINES.
Claims use since 1906.

Reg. No. 300,432. Registered Jan. 17, 1933. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.



The representation of the pin and the groove around the centre of the pin, are disclaimed. The drawing is lined for the color red.
FOR BOWLING PINS PARTICULARLY THE TYPE KNOWN AS CANDLE PINS.
Claims use since Dec. 1, 1930.

Reg. No. 314,586. Registered July 3, 1934. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

RED CROWN

FOR BOWLING PINS.
Claims use since June 1, 1933.

Reg. No. 422,557. Registered July 30, 1946. SCANDIA TOYS, Los Angeles, Calif., a co-partnership. Republished by registrant, present location, Glendale 1, Calif.



The word "Toys" is disclaimed.
FOR WOODEN TOYS—NAMELY, TOY BOXES ON WHEELS, TOY WAGONS, HOBBY HORSES, STICK HORSES, SWEDISH PEASANT TABLES, SWEDISH PEASANT CHAIRS, SWEDISH DOLL SULKIES, TELL TIME CLOCKS, SWEDISH STOOLS, WHEELBARROWS, ROCKING HORSES, PONY CARS, SAND WAGONS WITH TOOLS, CHILD'S ELECTRIC PHONOGRAPHS, DUMP CARS WITH TOOLS, SWEDISH ROCKING HORSES, NEST OF WAGONS, STICK HORSES WITH WAGONS, SAND PAILS WITH TOOLS, CRADLES, CALIFORNIA TABLES, CALIFORNIA CHAIRS, CHILDREN'S DESKS AND CHAIRS TO MATCH, CHILDREN'S BOOKCASES, BLACKBOARDS, RING TOSSING SETS, AND TOY BANJOS.
Claims use since Apr. 26, 1945.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Reg. No. 123,559. Registered Nov. 19, 1918. CHAMPION SPARK PLUG COMPANY, Toledo, Ohio, a corporation of Delaware. Republished by registrant.

CHAMPION

FOR MECHANICAL SPARK-PLUG CLEANERS.
Claims use since January 1916.

Reg. No. 197,704. Registered Apr. 21, 1925. VERONA TOOL WORKS, Pittsburgh, Pa. Republished by Woodings-Verona Tool Works, Verona, Pa., a corporation of Pennsylvania.

No. 1A

FOR RAILWAY-TRACK JACKS AND JACKS FOR GENERAL LIFTING PURPOSES.
Claims use since December 1921.

Reg. No. 231,354. Registered Aug. 16, 1927. LINCOLN STEEL & FORGE COMPANY, St. Louis, Mo. Republished by Lincoln Engineering Company, St. Louis, Mo., a corporation of Missouri, by change of name.

LUBRIGUN

FOR PORTABLE LUBRICATING APPARATUS.
Claims use since Nov. 9, 1925.

Reg. No. 236,037. Registered Nov. 29, 1927. FOSTER PUMP WORKS, Brooklyn, N. Y., a corporation of New Jersey. Republished by registrant.

EXCELSIOR

FOR ROTARY PUMPS.
Claims use since 1865.

Reg. No. 289,548. Registered Dec. 1, 1931. MILLER PRINTING MACHINERY CO., Pittsburgh, Pa., a corporation of Pennsylvania. Republished by registrant.



The words "Pittsburgh, U. S. A. Pioneer Builders High-Speed Automatic Printing Machinery" are disclaimed.

FOR PRINTERS' MACHINERY—NAMELY, PRINTING PRESSES, FEEDING MECHANISM FOR PRINTING PRESSES, AND MACHINES FOR CUTTING, TRIMMING, AND OTHERWISE TREATING TYPE SLUGS.

Claims use since September 1928.

Reg. No. 308,478. Registered Dec. 5, 1933. REYNOLDS ELECTRIC CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

Reco

FOR FOOD MIXERS, MEAT GRINDERS, VEGETABLE PEELERS AND JUICE EXTRACTORS.

Claims use since Dec. 14, 1915.

Reg. No. 369,574. Registered Aug. 1, 1939. ALFA MACHINE COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

ALFA

FOR HAND OPERATED CUTTERS OR POWER OPERATED CUTTING MACHINES FOR CUTTING TEXTILES, UPHOLSTERING MATERIALS, INSULATING MATERIALS, PAPER, SHEET IRON, LEATHER, IMPREGNATED MATERIALS, RUBBER, COATED MATERIALS, FIBROUS MATERIALS, FELTS, CELLULOSE MATERIALS, PLASTIC MATERIALS, SYNTHETIC MATERIALS, AND SIMILAR MATERIALS AND COMBINATIONS THEREOF; SPECIAL MACHINES FOR CUTTING SHEETS, WEBS, TEXTILES, AND SIMILAR MATERIAL; POWER CLUTCHES AND SHEET FEEDING MECHANISM FOR USE WITH CUTTING MACHINES AND FOR GENERAL APPLICATION AND PARTS THEREOF.

Claims use since Dec. 11, 1923.

Reg. No. 370,912. Registered Sept. 12, 1939. EMSCO DERRICK & EQUIPMENT COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.

EMSCO

FOR CROWN BLOCKS, TRAVELING BLOCKS, SWIVELS, ROTARY MACHINES, SLUSH PUMPS, ROTARY CHAINS, WELL PULLING MACHINES, PUMPING UNITS, DRILL STEMS, DRILL COLLARS, DRAWWORKS, REVERSE GEARS, ROTARY DRILLING RIGS, AND DERRICKS.

Claims use since Nov. 30, 1925.

Reg. No. 371,146. Registered Sept. 19, 1939. INTERNATIONAL FILTER CO., Chicago, Ill. Republished by Infilco Incorporated, Chicago, Ill., a corporation of Delaware.

ACCELATOR

FOR LIQUID TREATING APPARATUS AND EQUIPMENT IN PARTICULAR, APPARATUS AND EQUIPMENT FOR CLARIFYING TURBID LIQUIDS, FOR REMOVING HARDNESS FROM WATER, FOR REMOVING DISSOLVED AND COLLOIDAL SUBSTANCES FROM WATER, SEWAGE AND LIQUIDS IN GENERAL, FOR STABILIZING BRINES AND SOLUTIONS IN GENERAL WITH RESPECT TO SUBSTANCES DISSOLVED THEREIN, AND FOR CHEMICALLY TREATING WATER SUPPLIES AND WATER WASTES OF MUNICIPALITIES, INSTITUTIONS AND INDUSTRIAL PLANTS.

Claims use since January 1939.

Reg. No. 371,393. Registered Sept. 26, 1939. BENDIX-WESTINGHOUSE AUTOMOTIVE AIR BRAKE COMPANY, Pittsburgh, Pa., a corporation of Delaware. Republished by registrant.

BW

FOR AIR COMPRESSORS AND PARTS THEREOF.

Claims use since July 27, 1938.

Reg. No. 375,745. Registered Feb. 27, 1940. THERMO CUBER COMPANY, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.

THERMO CUBER

The word "Cuber" is disclaimed.

FOR CUTTING MACHINES.

Claims use since Aug. 26, 1939.

Reg. No. 382,225. Registered Oct. 22, 1940. BENDIX AVIATION CORPORATION, South Bend, Ind., a corporation of Delaware. Republished by registrant.

BK

FOR POWER ACTUATORS FOR BRAKE MECHANISMS; GEARSHIFTING MECHANISM; POWER CLUTCH CONTROL MECHANISMS; POWER STEERING MECHANISM FOR LAND AND WATER VEHICLES; AND VACUUM SERVO MOTOR SYSTEMS FOR CONTROL AND ACTUATION MECHANISM.

Claims use since June 29, 1925.

Reg. No. 397,466. Registered Sept. 8, 1942. FOSTER MACHINE COMPANY, Westfield, Mass., a corporation of Massachusetts. Republished by registrant.

TENSIOMATIC

FOR YARN WINDING MACHINERY.

Claims use since Oct. 7, 1941.

Reg. No. 397,476. Registered Sept. 8, 1942. EMSCO DERRICK & EQUIPMENT COMPANY, Los Angeles, Calif., a corporation of California. Republished by registrant.



FOR STEEL DERRICKS AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.

Claims use since Apr. 1, 1928.

Reg. No. 413,261. Registered Apr. 17, 1945. FELT AND TARRANT MANUFACTURING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Comptometer

FOR PEG-BOARD, SAID PEG-BOARD BEING A BOARD WITH PROJECTING PEGS UPON WHICH VARIOUS PEG STRIP FORMS ARE MOUNTED FOR EASY ANALYSIS OF INDIVIDUAL ITEMS ON THE PLURALITY OF STRIPS.

Claims use since April 1930.

Reg. No. 421,489. Registered June 4, 1946. THE DUFF-NORTON MANUFACTURING COMPANY, Pittsburgh, Pa., a corporation of Pennsylvania. Republished by registrant

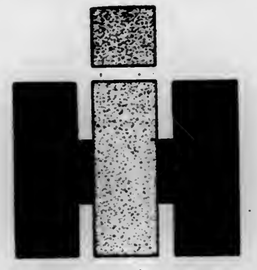
DUFF-NORTON

The word "Duff" is disclaimed.

FOR LIFTING JACKS.

Claims use since July 1, 1930.

Reg. No. 421,730. Registered June 18, 1946. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill., a corporation of New Jersey. Republished by registrant.



FOR FARM MACHINERY—NAMELY, MANURE LOADERS, CORN PICKERS, AND OTHER ITEMS LISTED IN THE REGISTRATION.

Claims use since on or about Aug. 9, 1944.

Reg. No. 423,437. Registered Sept. 3, 1946. LINCOLN ENGINEERING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

LUBRO-VAN

The word "Van" is disclaimed.

FOR UNITARY PORTABLE AUTOMOTIVE SERVICING APPARATUS COMPRISING LUBRICANT AND AIR TANKS, PUMPS, ENGINES FOR THE PUMPS, COMPRESSORS, LUBRICANT AND AIR CONDUITS, REELS, METERS, LIGHTING PLANT AND AUXILIARIES THEREFOR SOLD AS A UNIT UNDER THE MARK.

Claims use since Aug. 17, 1944.

CLASS 24

LAUNDRY APPLIANCES AND MACHINES

Reg. No. 396,963. Registered Aug. 11, 1942. AMERICAN MACHINE AND METALS, INC., New York, N. Y., a corporation of Delaware. Republished by registrant, present location East Moline, Ill.

Analytical

FOR LAUNDRY MACHINES FOR WASHING WITH WATER OR SOLVENTS TOGETHER WITH REGULATING AND AUTOMATIC CONTROL DEVICES FOR USE THEREWITH; ALSO CENTRIFUGAL EXTRACTORS FOR REMOVING THE SURPLUS LIQUID.
Claims use since Dec. 3, 1941.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Reg. No. 322,133. Registered Feb. 26, 1935. HILLS BROS., San Francisco, Calif. Republished by Hills Bros. Coffee, Inc., San Francisco, Calif., a corporation of California.

COFFEE  GUIDE

FOR COFFEE MEASURE.
Claims use since June 22, 1934.

Reg. No. 322,477. Registered Mar. 5, 1935. AGFA ANSCO CORPORATION, Binghamton, N. Y. Republished by General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware.

ISO PAN

FOR SENSITIZED PHOTOGRAPHIC FILM.
Claims use since Oct. 18, 1934.

Reg. No. 325,305. Registered June 18, 1935. INTERNATIONAL FILTER COMPANY, Chicago, Ill. Republished by Infilco Incorporated, Chicago, Ill., a corporation of Delaware.

INFILCO

FOR CHEMICAL FEEDERS, HYDRAULIC CONTROL TABLES, LIQUID FLOW CONTROLLERS, LIQUID FLOW INDICATORS, FLUID GAUGES, HYDRAULIC LEVEL CONTROLLERS, CHEMICAL PROPORTIONERS, LIQUID SAMPLING TABLES, SEWAGE METERS, VENTURI TYPE METERS AND VENTURI TUBES.
Claims use since March 1931.

Reg. No. 372,236. Registered Oct. 24, 1939. THE HALOID COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

HALO

FOR LIGHT SENSITIVE PAPER.
Claims use since Mar. 8, 1939.

Reg. No. 374,107. Registered Jan. 2, 1940. S. F. BOWSER & COMPANY, INCORPORATED, Fort Wayne, Ind. Republished by Bowser, Inc., Fort Wayne, Ind., a corporation of Indiana.

REELWAY

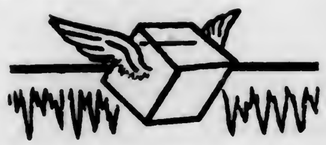
FOR LIQUID MEASURING AND DISPENSING APPARATUS EQUIPPED WITH HOSE STORAGE DEVICES.
Claims use since Feb. 22, 1939.

Reg. No. 374,811. Registered Jan. 23, 1940. THE HALOID COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

TRANSALOID

FOR LIGHT SENSITIVE PAPER.
Claims use since Mar. 15, 1939.

Reg. No. 374,818. Registered Jan. 23, 1940. THERMO CUBER COMPANY, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.



FOR ICE CUTTING MACHINES.
Claims use since Aug. 26, 1939.

Reg. No. 385,671. Registered Mar. 11, 1941. GENERAL ANILINE & FILM CORPORATION, New York, N. Y., a corporation of Delaware. Republished by registrant.

BROVIRA

FOR LIGHT-SENSITIVE PHOTOGRAPHIC MATERIAL, PARTICULARLY PHOTOGRAPHIC PAPER.
Claims use since June 1, 1931.

Reg. No. 391,034. Registered Oct. 21, 1941. SPAULDING-MOSS COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.

SEMCO

FOR SENSITIZED DIRECT POSITIVE PAPER AND CLOTH, SENSITIZED BLUE PRINT PAPER AND CLOTH, SENSITIZED VAN DYKE PAPER AND CLOTH; MECHANICAL DRAWING AND ARTISTS' MATERIALS—NAMELY, DRAWING INSTRUMENTS, DRAWING BOARDS, SLIDE RULES, MEASURING RULES, MEASURING TAPES, LETTERING INSTRUMENTS, TRIANGLES, T-SQUARES, MACHINES FOR BLUE PRINTING, MACHINES FOR DIRECT POSITIVE PRINTING, DRAWING TABLES, DRAFTING FURNITURE, SURVEYING INSTRUMENTS, PLUMB BOBS AND SURVEYING FIELD BOOKS.
Claims use since October 1928 for sensitized blue print paper and cloth and sensitized Van Dyke paper and cloth; and other dates for the other items.

Reg. No. 401,467. Registered May 18, 1943. WOLLENSAK OPTICAL COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

Rapax

FOR PHOTOGRAPHIC SHUTTERS.
Claims use since July 1, 1942.

Reg. No. 413,582. Registered May 1, 1945. FELT AND TARRANT MANUFACTURING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Comptometer

FOR DUST COVERS FOR USE ON CALCULATING MACHINES.
Claims use since March 1909.

Reg. No. 422,617. Registered Aug. 6, 1946. NATURAL VISION EQUIPMENT CORPORATION, New York, N. Y. Republished by Albert W. Mahone, Chicago, Ill.

NATURAL VISION

FOR CAMERAS, MOTION PICTURE CAMERAS, SENSITIZED PHOTOGRAPHIC FILMS, OPTICAL REDUCTION PRINTERS, AND MOTION PICTURE PROJECTING APPARATUS.
Claims use since Dec. 15, 1935.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Reg. No. 415,634. Registered Aug. 14, 1945. M. A. MEAD & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Boulevard

FOR RINGS WITH STONES, RING MOUNTINGS FOR STONES, PLAIN RINGS IN GOLD, PLATINUM, PALLADIUM, AND OTHER PRECIOUS METALS AND ON WATCH ATTACHMENTS IN THE NATURE OF BRACELETS AND LEATHER STRAPS ORNAMENTED WITH PRECIOUS OR SEMI-PRECIOUS METAL.
Claims use since on or about May 15, 1942.

Reg. No. 428,249. Registered Mar. 18, 1947. TAUNTON PEARL WORKS, Taunton, Mass., assignor to Pioneer Suspender Company, Philadelphia, Pa., a corporation of Pennsylvania. Republished by Pioneer Suspender Company, Philadelphia, Pa., a corporation of Pennsylvania.

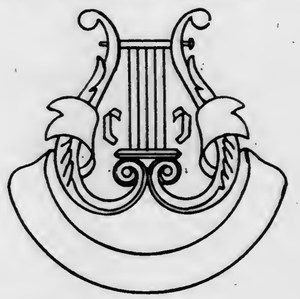
PIONEER

FOR CUFF LINKS, VEST BUTTONS, SHIRT STUDS, DRESS SETS, KEY CHAINS, MONEY CLIPS, WALDEMAR CHAINS, LAPEL CHAINS AND BELT CHAINS, ALL MADE OF PRECIOUS OR SEMI-PRECIOUS METAL.
Claims use since Nov. 1, 1921.

CLASS 30

CROCKERY, EARTHENWARE, AND PORCELAIN

Reg. No. 396,787. Registered Aug. 4, 1942. CASTLETON CHINA INCORPORATED, New York, N. Y., a corporation of New York. Republished by registrant.



FOR CERAMIC TABLE-WARE.
Claims use since Sept. 6, 1940.

Reg. No. 410,670. Registered Dec. 12, 1944. VICTOR INSULATORS, INC., Victor, N. Y., a corporation of New York. Republished by registrant.

VICTOR

FOR CERAMIC TABLE AND COOKING WARE.
Claims use since Dec. 14, 1943.

CLASS 31

FILTERS AND REFRIGERATORS

Reg. No. 404,735. Registered Dec. 21, 1943. AUTOMATIC PRODUCTS COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

TRAP IT

FOR FILTERS USED IN LIQUID SYSTEMS.
Claims use since Jan. 25, 1940.

Reg. No. 409,094. Registered Sept. 12, 1944. SPARKLER MFG. Co., Mundelein, Ill., a corporation of Illinois. Republished by registrant.

SPA

FOR DOMESTIC WATER FILTERS.
Claims use since January 1930.

CLASS 32

FURNITURE AND UPHOLSTERY

Reg. No. 244,517. Registered June 24, 1928. COLUMBIAN ENAMELING & STAMPING CO., Terre Haute, Ind. Republished by Columbian Enameling & Stamping Co., Inc., Terre Haute, Ind., a corporation of Indiana.

Porcelite

FOR BATHROOM AND KITCHEN STOOLS.
Claims use since July 3, 1926.

Reg. No. 412,714. Registered Mar. 20, 1945. MAY-STERN & COMPANY, Pittsburgh, Pa., a corporation of Pennsylvania. Republished by registrant.

"LINEAGE"

FOR BEDROOM FURNITURE—NAMELY, BEDS, DRESSERS, CHIFFONIERS, AND VANITIES.
Claims use since Oct. 21, 1944.

Reg. No. 430,008. Registered June 3, 1947. LITTLE ROCK RESTAURANT SUPPLY COMPANY, Little Rock, Ark., a firm. Republished by registrant.

Tablette

FOR UNIT COMBINATION DINING TABLE AND CHAIRS.
Claims use since May 20, 1946.

CLASS 33

GLASSWARE

Reg. No. 336,004. Registered June 23, 1936. THE FEDERAL GLASS COMPANY, Columbus, Ohio, a corporation of Ohio. Republished by registrant.



The words, "Edge," "Look for the Protected Edge," "Columbus, Ohio," and the representations of the glass tumblers are disclaimed.
FOR GLASS TUMBLERS AND GLASS STEMWARE.
Claims use since Nov. 22, 1935.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Reg. No. 66,489. Registered Dec. 3, 1907. JACKES-EVANS MANUFACTURING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

EASY LOCK

FOR STOVE PIPES.
Claims use since October 1891.

Reg. No. 280,590. Registered Feb. 24, 1931. PHILLIPS & BUTTORFF MANUFACTURING COMPANY, Nashville, Tenn., a corporation of Tennessee. Republished by registrant.

ENTERPRISE

FOR GAS RANGES, GAS COOKERS, GAS HOT PLATES, GAS CIRCULATING HEATERS OR FURNACES, AND GAS RADIANT HEATERS.
Claims use since January 1929.

Reg. No. 284,829. Registered July 7, 1931. SPENCER THERMOSTAT COMPANY, Cambridge, Mass., a corporation of Massachusetts. Republished by registrant.

KLIXON

FOR KITS FOR CONVERTING A HOT-WATER HEATER TO A HEAT-STORAGE SYSTEM, GAS BURNERS, AND SAFETY PILOTS.
Claims use since Sept. 23, 1930, on kits; since July 21, 1927, on gas burners and safety pilots.

Reg. No. 372,710. Registered Nov. 14, 1939. THE WILLIAMSON HEATER COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

FLO-WARM

FOR AIR CONDITIONING UNITS.
Claims use since on or about Aug. 19, 1936.

Reg. No. 379,743. Registered July 23, 1940. THE INSTITUTE OF BOILER & RADIATOR MANUFACTURERS, New York, N. Y., a voluntary unincorporated association of New York. Republished by registrant.

I=B=R

FOR STEAM AND HOT WATER BOILERS AND RADIATORS.
Claims use since Dec. 1, 1939.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Reg. No. 237,989. Registered Jan. 24, 1928. MARATHON RUBBER COMPANY, INC., Akron, Ohio. Republished by The Goodyear Tire & Rubber Company, Akron, Ohio, a corporation of Ohio.

EQUITY

FOR VEHICLE TIRES AND TUBES COMPOSED WHOLLY OR IN PART OF RUBBER.
Claims use since Aug. 6, 1927.

Reg. No. 294,665. Registered June 7, 1932. THE BUCKEYE RELINER PRODUCING CO., Lima, Ohio, a corporation of Ohio. Republished by registrant.

DOZIT

FOR TIRE REPAIR DEVICES, INCLUDING TIRE RELINERS, TUBE PATCHING, BEVELED PATCHES, SELF-VULCANIZING PATCHES, NAIL HOLE PATCHES, BLOW OUT PATCHES, GUM COVERED PATCHES, SKIVED BOOTS, LACE BOOTS, CUSHION GUM, CAMELBACK, TIRE SHOES, PLUG GUM.
Claims use since July 1, 1930.

Reg. No. 376,940. Registered Apr. 9, 1940. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant.

ACCOPAC

FOR GASKETS, WASHERS, AND PACKING OF CORK OR CORK COMPOSITION AND FOR CORK OR CORK COMPOSITION IN THE SHEET ESPECIALLY ADAPTED FOR PACKING.
Claims use since Aug. 9, 1934.

Reg. No. 379,531. Registered July 16, 1940. WILKENING MANUFACTURING COMPANY, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

POWER PAK

FOR PISTON RINGS AND PISTON RING EXPANDERS.
Claims use since October 1938.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Reg. No. 425,404. Registered Nov. 19, 1946. LOUIS BROMBERG, Brooklyn, N. Y. Republished by registrant.

MirrAconsole

FOR PIANOS.
Claims use since June 22, 1944.

CLASS 37

PAPER AND STATIONERY

Reg. No. 115,102. Registered Jan. 23, 1917. MUNISING PAPER COMPANY, Munising, Mich. Republished by The Munising Paper Company, Chicago, Ill., a corporation of Ohio.



The word "Munising" is disclaimed.
FOR BOND-PAPER AND WAXING-PAPER.
Claims use since May 12, 1916.

Reg. No. 239,400. Registered Mar. 6, 1928. SENGBUSCH SELF-CLOSING INKSTAND COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

Dipaday

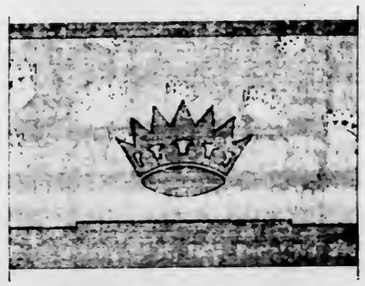
FOR WRITING PENS.
Claims use since May 10, 1927.

Reg. No. 254,779. Registered Apr. 2, 1929. JACKSON C. E. GLASS, doing business as Glass Safes Agency, Oakland, Calif. Republished by Silklin Paper Corporation, San Francisco, Calif., a corporation of California.

SILK

FOR TOILET PAPER.
Claims use since June 15, 1917.

Reg. No. 312,636. Registered May 1, 1934. CROWN WILLAMETTE PAPER COMPANY, San Francisco, Calif. Republished by Crown Zellerbach Corporation, also doing business as Crown Willamette Paper Company, San Francisco, Calif., a corporation of Nevada.



FOR FOURDRINIER TISSUE, MANILA TISSUE, SULPHITE TISSUE, AND ALL OTHER GOODS NAMED IN THE REGISTRATION.
Claims use since January 1931.

Reg. No. 334,021. Registered Apr. 14, 1936. FRED MAGUIRE, San Francisco, Calif., assignor, by mesne assignments, to the Glass Sales Agency, Incorporated, San Francisco, Calif., a corporation of California. Republished by Silklin Paper Corporation, San Francisco, Calif., a corporation of California.

Silklin

FOR TOILET TISSUE.
Claims use since Aug. 16, 1932.

Reg. No. 393,460. Registered Feb. 17, 1942. ZELLERBACH PAPER COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.



FOR WAX TREATED WRAPPING PAPER.
Claims use since Mar. 4, 1941.

Reg. No. 420,591. Registered Apr. 23, 1946. PETER J. SCHWEITZER, INC., New York, N. Y., a corporation of New York. Republished by registrant.

STRATO

FOR WRITING PAPER.
Claims use since February 1938.

Reg. No. 423,018. Registered Aug. 20, 1946. SILKLIN PAPER CORPORATION, San Francisco, Calif., a corporation of California. Republished by registrant.

Snowtex

FOR TOILET TISSUE.
Claims use since Oct. 8, 1945.

CLASS 38

PRINTS AND PUBLICATIONS

Reg. No. 320,955. Registered Jan. 15, 1935. THE UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C., a corporation of Delaware. Republished by registrant.

TOMORROW

FOR SECTIONS OF PERIODICAL PUBLICATIONS.
Claims use since Dec. 11, 1933.

Reg. No. 320,961. Registered Jan. 15, 1935. THE BUREAU OF NATIONAL AFFAIRS, INCORPORATED, Washington, D. C. Republished by The Bureau of National Affairs, Inc., Washington, D. C., a corporation of Delaware.

CURRENT LAW

FOR SECTIONS OF PERIODICAL PUBLICATIONS.
Claims use since May 26, 1930.

Reg. No. 320,962. Registered Jan. 15, 1935. THE BUREAU OF NATIONAL AFFAIRS, INCORPORATED, Washington, D. C. Republished by The Bureau of National Affairs, Inc., Washington, D. C., a corporation of Delaware.

The United States Law Week

FOR PERIODICAL PUBLICATIONS.
Claims use since Sept. 5, 1933.

Reg. No. 320,963. Registered Jan. 15, 1935. THE BUREAU OF NATIONAL AFFAIRS, INCORPORATED, Washington, D. C. Republished by The Bureau of National Affairs, Inc., Washington, D. C., a corporation of Delaware.

THE UNITED STATES PATENTS QUARTERLY

FOR PERIODICAL PUBLICATIONS.
Claims use since July 1, 1929.

Reg. No. 323,650. Registered Apr. 23, 1935. UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C., a corporation of Delaware. Republished by registrant.

March of the News

FOR SECTIONS OF PERIODICAL PUBLICATIONS.
Claims use since Dec. 17, 1934.

Reg. No. 352,279. Registered Nov. 23, 1937. THE BUREAU OF NATIONAL AFFAIRS, INCORPORATED, Washington, D. C. Republished by The Bureau of National Affairs, Inc., Washington, D. C., a corporation of Delaware.

PATENT, TRADE MARK AND COPYRIGHT WEEKLY REPORTS

FOR PERIODICAL PUBLICATIONS.
Claims use since July 3, 1937.

Reg. No. 360,819. Registered Sept. 27, 1938. THE BUREAU OF NATIONAL AFFAIRS, INCORPORATED, Washington, D. C. Republished by The Bureau of National Affairs, Inc., Washington, D. C., a corporation of Delaware.

LABOR RELATIONS REPORTER

FOR PERIODICAL PUBLICATIONS.
Claims use since Apr. 18, 1938.

Reg. No. 388,035. Registered June 10, 1941. CLIMAX MOLYBDENUM COMPANY, New York, N. Y., a corporation of Delaware. Republished by registrant.



The word "Molybdenum" is disclaimed.
FOR BOOKS, PAMPHLETS, AND CIRCULARS.
Claims use since 1919.

Reg. No. 388,059. Registered June 10, 1941. DONALD CHARLES HAYMAN, Uniontown, Pa. Republished by registrant.

The JUNIOR REPORTER - CLUB -

FOR NEWSPAPER COLUMN.
Claims use since July 8, 1940.

Reg. No. 389,927. Registered Aug. 26, 1941. SPAULDING-MOSS COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.

SEMCO

FOR BLUE PRINTS, VAN DYKE PRINTS, DIRECT POSITIVE PRINTS, PHOTOSTAT PRINTS, MAGNIGRAPH PRINTS, TRACING CLOTH PRINTS, PHOTOGRAPHIC PRINTS, PLANOGRAPHIC PRINTS, PHOTOLITHOGRAPHIC PRINTS AND LITHOPRINTS.
Claims use since Apr. 8, 1941, for lithoprints; and since October 1928 for all the other items listed in the registration.

Reg. No. 398,591. Registered Nov. 10, 1942. DUANE HOWARD DOANE, doing business as Doane Agricultural Service, St. Louis, Mo. Republished by Doane Agricultural Service, Inc., St. Louis, Mo., a corporation of Missouri.

D. A. S. AGRICULTURAL DIGEST

The words "Agricultural Digest" are disclaimed.
FOR PUBLICATION OF CURRENT ANALYSIS AND PERMANENT REFERENCE DATA THAT TREATS ALL ASPECTS OF AGRICULTURE AND ITS EFFECT ON BUSINESS AND INVESTMENTS, PUBLISHED FROM TIME TO TIME.
Claims use since July 1938.

Reg. No. 411,245. Registered Jan. 9, 1945. CHOCOLATE PRODUCTS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

MOO

FOR PUBLICATION ISSUED PERIODICALLY CONTAINING COMICS AND OTHER MATERIAL OF INTEREST TO BOYS AND GIRLS.
Claims use since January 1940.

Reg. No. 418,797. Registered Jan. 8, 1946. GEORGE W. STIMPSON, Washington, D. C. Republished by registrant.

INFORMATION ROUNDUP

The word "Information" is disclaimed.
FOR SECTIONS OF PERIODICAL PUBLICATIONS.
Claims use since May 1945.

CLASS 39

CLOTHING

Reg. No. 60,573. Registered Feb. 12, 1907. THE STEIN BLOCH CO., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

The Stein Bloch Co.
Wholesale Tailors

FOR MEN'S, YOUTHS', AND CHILDREN'S COATS, OVERCOATS, VESTS AND TROUSERS.
Claims use since Dec. 10, 1887.

Reg. No. 276,391. Registered Oct. 21, 1930. LEVI STRAUSS & COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.

20th Century

FOR MEN'S AND BOYS' LEATHER BELTS, JUMPER SHIRTS, BLOUSE SHIRTS, DRESS SHIRTS, NEGLIGEE SHIRTS, WORK SHIRTS, PANTS, PAJAMAS, NIGHT SHIRTS, KNITTED AND TEXTILE UNDERWEAR.
Claims use since Dec. 1, 1926.

Reg. No. 282,365. Registered Apr. 21, 1931. FASHION PARK ASSOCIATES, INC., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

PAR-SLAK

FOR COATS, VESTS, PANTS, AND OVERCOATS FOR MEN AND BOYS.
Claims use since about Oct. 1, 1930.

Reg. No. 285,901. Registered Aug. 11, 1931. FASHION PARK ASSOCIATES, INC., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

Stein Bloch
Tailors

FOR SWEATERS, HATS, CAPS, NECKTIES; DRESS, NEGLIGEE, AND UNDERSHIRTS OF KNITTED AND TEXTILE FABRIC; STOCKINGS, SOCKS; BOOTS AND SHOES OF LEATHER, RUBBER, AND FABRIC, AND COMBINATIONS THEREOF; UNDERWEAR OF KNITTED AND TEXTILE FABRIC; PAJAMAS, NIGHTSHIRTS, BATH ROBES, SMOKING JACKETS, AND HOUSE GOWNS FOR MEN AND BOYS.
Claims use since on or about Mar. 6, 1930.

Reg. No. 286,284. Registered Aug. 25, 1931. FASHION PARK ASSOCIATES, INC., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

PARGORA

FOR COATS, VESTS, PANTS, AND OVERCOATS FOR MEN AND BOYS.
Claims use since about July 1, 1930.

Reg. No. 286,544. Registered Sept. 1, 1931. FASHION PARK ASSOCIATES, INC., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

ANGORRAN

FOR COATS, VESTS, PANTS, AND OVERCOATS FOR MEN AND BOYS.
Claims use since about Mar. 15, 1931.

Reg. No. 286,842. Registered Sept. 8, 1931. FASHION PARK ASSOCIATES, INC., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

ALPINE DOWNS

FOR COATS, VESTS, PANTS, AND OVERCOATS FOR MEN AND BOYS.
Claims use since about July 1, 1930.

Reg. No. 286,843. Registered Sept. 8, 1931. FASHION PARK ASSOCIATES, INC., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

Kal-Kashan

FOR COATS, VESTS, PANTS, AND OVERCOATS FOR MEN AND BOYS.
Claims use since about Apr. 1, 1930.

Reg. No. 288,624. Registered Nov. 3, 1931. FASHION PARK ASSOCIATES, INC., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

PARKTOWN

FOR COATS, VESTS, PANTS, AND OVERCOATS FOR MEN AND BOYS.
Claims use since about Apr. 20, 1931.

Reg. No. 303,524. Registered May 30, 1933. DUMARI TEXTILE CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

FAIRYSPUN

FOR WOMEN'S AND MISSES' PARTY FROCKS, DRESSING GOWNS, WRAPPERS, NEGLIGEES, KIMONOS, WAISTS, SCARFS.
Claims use since Nov. 5, 1932.

Reg. No. 304,549. Registered July 11, 1933. E. P. REED & COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

Collegebred

FOR SHOES MADE OF LEATHER, FABRIC, OR RUBBER, OR COMBINATIONS THEREOF.
Claims use since Nov. 15, 1932.

Reg. No. 321,689. Registered Feb. 12, 1935. FASHION PARK MANUFACTURING CORPORATION, Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

HARDSPUN

The word "Hardspun" is disclaimed.
FOR COATS, VESTS, PANTS, AND OVERCOATS FOR MEN AND BOYS.
Claims use since about Jan. 1, 1927.

Reg. No. 340,333. Registered Nov. 3, 1936. THE HAWK & BUCK CO., Fort Worth, Tex., a corporation of Texas. Republished by registrant.

Dubl-Proof

FOR WORK CLOTHES FOR MEN, WOMEN, AND CHILDREN—NAMELY, PANTS, SHIRTS, AND OVERALLS, AND PLAY SUITS FOR MEN, WOMEN, AND CHILDREN.
Claims use since May 18, 1936.

Reg. No. 352,001. Registered Nov. 16, 1937. JACK SCHWARTZ, Los Angeles, Calif. Republished by registrant.

"Pacific"

FOR HANDKERCHIEFS.
Claims use since Apr. 5, 1934.

Reg. No. 353,232. Registered Dec. 28, 1937. G. W. EADE AND COMPANY, Aurora, Ill. Republished by Colonial Frocks, Inc., Aurora, Ill., a corporation of Illinois.

COLONIAL
Silver Seal

FOR WOMEN'S DRESSES.
Claims use since Jan. 1, 1937.

Reg. No. 404,273. Registered Nov. 16, 1943. SULLOWAY HOSIERY MILLS, Franklin, N. H., a corporation of New Hampshire. Republished by registrant.

Lady
FRANKLIN

FOR HOSIERY.
Claims use since May 1, 1943.

Reg. No. 408,067. Registered July 18, 1944. DUMARI TEXTILE CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

Episode

FOR WOMEN'S AND MISSES' WEARING APPAREL—NAMELY DRESSES, NIGHTGOWNS, WAISTS AND NEGLIGEES.
Claims use since June 1943.

CLASS 40

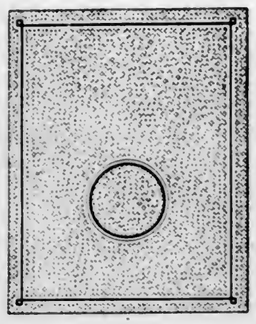
FANCY GOODS, FURNISHINGS, AND NOTIONS

Reg. No. 236,582. Registered Dec. 13, 1927. THE WILSON FASTENER COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

WILSNAP

FOR HAIRPINS MADE OF NONPRECIOUS METAL.
Claims use since Mar. 11, 1927.

Reg. No. 351,916. Registered Nov. 16, 1937. THE WILSON FASTENER COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.



The drawing is lined for orange, the full black lines for black, and the full white lines for the color white.

FOR SNAP FASTENERS FOR GARMENTS, DRESSES, AND WEARING APPAREL GENERALLY.

Claims use since about June 28, 1916.

Reg. No. 386,255. Registered Apr. 1, 1941. THOMAS TAYLOR & SONS, INC., Hudson, Mass., a corporation of Massachusetts. Republished by registrant.

TAYLASTIX

FOR ELASTIC SHOE LACES.

Claims use since April 1934.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Reg. No. 306,291. Registered Sept. 12, 1933. ABBOTT WORSTED MILLS, INCORPORATED, Wilton, N. H., a corporation of New Hampshire. Republished by registrant.



FOR PIECE GOODS OF WORSTED, WOOLEN, COTTON, AND SILK.

Claims use since March 1933.

Reg. No. 306,401. Registered Sept. 19, 1933. DUMARI TEXTILE CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

POWDER PUFF

FOR FABRICS IN THE PIECE MADE OF COTTON, RAYON, SILK, WOOL, AND/OR COMBINATIONS OF THE SAME, POWDER PUFFS NOT BEING MADE FROM THE MATERIALS SOLD UNDER THIS TRADE-MARK.

Claims use since Aug. 3, 1926.

Reg. No. 309,608. Registered Jan. 23, 1934. WM. A. ROTHHOLZ CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

WARCORIZED

FOR LINEN AND COTTON PIECE GOODS THAT HAVE BEEN SHRUNK AND FINISHED.

Claims use since Aug. 24, 1933.

Reg. No. 316,289. Registered Aug. 21, 1934. NATHANIEL COHEN, Newark, N. J., and Bronx, N. Y. Republished by Protexacar, Newark, N. J., a firm.

PROTEXACAR

FOR CLOTH COVERS OF RECTANGULAR SHAPE WITH TIE STRINGS FOR THE PROTECTION OF THE SEATS, FENDERS, DOORS, AND COWLS OF AUTOMOBILES WHILE WORK IS BEING DONE ON THE MACHINES.

Claims use since Aug. 16, 1932.

Reg. No. 395,830. Registered June 16, 1942. DUMARI TEXTILE CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

YIPPI

FOR RAYON FABRIC IN THE PIECE.

Claims use since July 15, 1937.

Reg. No. 403,961. Registered Oct. 26, 1943. THE WOOLEN CORPORATION OF AMERICA, New York, N. Y., a corporation of New York. Republished by registrant.



FOR WOOLENS, WORSTED, AND COTTON FABRICS IN THE PIECE.

Claims use since Apr. 25, 1927.

Reg. No. 404,927. Registered Dec. 28, 1943. DUMARI TEXTILE CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

Episode

FOR COTTON, LINEN AND RAYON FABRICS IN THE PIECE.

Claims use since June 15, 1943.

Reg. No. 408,814. Registered Aug. 29, 1944. BRAND & OPPENHEIMER, INC., New York, N. Y. Republished by registrant.

BANDO

FOR FABRICS AND PIECE GOODS OF RAYON, WOOL AND COTTON AND OF VARIOUS MIXTURES AND BLENDS THEREOF.

Claims use since Jan. 1, 1938.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Reg. No. 350,406. Registered Sept. 28, 1937. ROBERT JEROME LINDQUIST, Los Angeles, Calif. Republished by registrant.

CHRONOWAVE

FOR ELECTRIC GENERATING THERAPEUTIC APPARATUS.

Claims use since Dec. 20, 1936.

Reg. No. 416,416. Registered Sept. 11, 1945. EUGENE, LTD., Brooklyn, N. Y., a corporation of New York. Republished by registrant.

radar

FOR ELECTRIC HAIR DRIERS, PERMANENT HAIR WAVING MACHINES AND ACCESSORIES—NAMELY, PERMANENT WAVING HAIR CURLERS, CLAMPS, SMOOTHING PINS AND PADS.

Claims use since Jan. 26, 1945.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Reg. No. 364,823. Registered Feb. 14, 1939. CHICAGO DISTILLED WATER & BEVERAGE COMPANY, Chicago, Ill. Republished by Dad's Root Beer Company, Chicago, Ill., a corporation of Illinois.



The words "Old Fashioned" are disclaimed.

FOR ROOT BEER.

Claims use since February 1937.

Reg. No. 382,879. Registered Nov. 12, 1940. BLUE ANCHOR BEVERAGE COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES, SOLD AS SOFT DRINKS AND SIRUPS AND EXTRACTS FOR MAKING THE SAME.

Claims use since May 1, 1940.

Reg. No. 395,214. Registered May 19, 1942. TOURLAINE FOOD PRODUCTS, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.

SUNBURST

FOR MALTLESS NONALCOHOLIC BEVERAGES SOLD AS SOFT DRINKS, SUCH AS ORANGE DRINKS, PINEAPPLE DRINKS, AND FRUIT BEVERAGES.

Claims use since June 10, 1934.

Reg. No. 396,991. Registered Aug. 11, 1942. CHOCOLATE PRODUCTS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

VITAMIX

FOR SYRUPS, EXTRACTS, AND CONCENTRATES FOR MAKING CHOCOLATE BEVERAGES.

Claims use since Jan. 5, 1932.

Reg. No. 399,605. Registered Jan. 19, 1943. CHICAGO DISTILLED WATER & BEVERAGE CO., INC., Chicago, Ill. Republished by Dad's Root Beer Company, Chicago, Ill., a corporation of Illinois.



The words "Old Fashioned Draft Root Beer" are disclaimed.
FOR NON-ALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES, SOLD AS SOFT DRINKS, AND SYRUPS, EXTRACTS, AND CONCENTRATES FOR MAKING THE SAME.
Claims use since February 1937.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Reg. No. 68,658. Registered Apr. 21, 1908. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.



FOR SARDINES, SPRATS, ANCHOVIES, HERRINGS, MACKEREL AND FISH BALLS.
Claims use since 1887.

Reg. No. 73,116. Registered Mar. 16, 1909. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

Carmen

FOR SPANISH SALTED SARDINES, MACARONI, SPAGHETTI, VERMICILLI, SPANISH CHORIZOS, SAUSAGES, ORANGE MARMALADE, COTTON SEED OIL INTENDED FOR USE AS FOOD, SPANISH TOMATOES, PRESERVED SPANISH PEACHES, SPANISH OLIVE OIL, AND SPANISH PRESERVED PEPPERS.
Claims use since 1903.

Reg. No. 73,225. Registered Mar. 30, 1909. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

Le Dandy

FOR MACARONI, SPAGHETTI, VERMICELLI, AND IMPORTED SARDINES.
Claims use since 1906.

Reg. No. 73,285. Registered Apr. 6, 1909. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

Marianne

FOR MACARONI, SPAGHETTI, VERMICELLI, OLIVE OIL, MARASCHINO CHERRIES, FRENCH CHICKEN LIVER, COTTON SEED OIL, AND BAR-LE-DUC JELLIES, IMPORTED CHEESE AND IMPORTED SARDINES.
Claims use since 1903.

Reg. No. 73,385. Registered Apr. 13, 1909. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

SAPCO

FOR OLIVE OIL, COTTON SEED OIL, INTENDED FOR USE AS A FOOD, PRESERVED FIGS, CANNED ASPARAGUS, CANNED PEACHES, MACARONI, SPAGHETTI, VERMICELLI, SPICED FISH, SALTED FISH, PRESERVED BEANS IN CANS AND JARS, IMPORTED PEAS IN CANS AND JARS, ITALIAN PRESERVED VEGETABLES IN CANS AND JARS AND TOMATO SAUCE.
Claims use since 1893.

Reg. No. 94,956. Registered Jan. 13, 1914. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

"KING GEORGE" BRAND

The word "Brand" is disclaimed.
FOR CANNED VEGETABLES, CANNED FRUITS AND CANNED FISH.
Claims use since February 1913.

Reg. No. 95,236. Registered Feb. 3, 1914. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

"BOUQUET" BRAND

The word "Brand" is disclaimed.
FOR CANNED FISH.
Claims use since February 1913.

Reg. No. 96,207. Registered Apr. 7, 1914. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

MANOLA

FOR PRESERVED FISH, CANNED FISH, CANNED FRUITS, CANNED VEGETABLES, OLIVE OIL, AND PEPPERS.
Claims use since 1910.

Reg. No. 102,001. Registered Jan. 19, 1915. WM. WRIGLEY JR. COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

DOUBLEMINT

The word "Mint" is disclaimed.
FOR CHEWING-GUM.
Claims use since July 28, 1914.

Reg. No. 105,032. Registered June 29, 1915. WM. WRIGLEY JR. COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

JUICY FRUIT

FOR CHEWING GUM.
Claims use since on or about Jan. 1, 1894.

Reg. No. 117,906. Registered Aug. 7, 1917. WM. WRIGLEY JR. COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

JUICY FRUIT

FOR CHEWING GUM.
Claims use since Sept. 10, 1914.

Reg. No. 127,623. Registered Nov. 18, 1919. JACOBS CANDY COMPANY, LTD., New Orleans, La. Republished by Jacobs Candy Corporation, New Orleans, La., a corporation of Louisiana.

REVELATION

FOR CANDY.
Claims use since Feb. 15, 1919.

Reg. No. 127,751. Registered Dec. 2, 1919. JACOBS CANDY COMPANY, LTD., New Orleans, La. Republished by Jacobs Candy Corporation, New Orleans, La., a corporation of Louisiana.

FLORABELLA

FOR CANDY.
Claims use since Feb. 1, 1919.

Reg. No. 139,556. Registered Feb. 8, 1921. JACOBS CANDY COMPANY, LTD., New Orleans, La. Republished by Jacobs Candy Corporation, New Orleans, La., a corporation of Louisiana.

Memory

FOR CANDY.
Claims use since July 1, 1919.

Reg. No. 146,597. Registered Sept. 13, 1921. THE RANNEY-DAVIS MERCANTILE COMPANY, Arkansas City, Kans., a corporation of Kansas. Republished by registrant.



The words "Santa Fe Brand" are disclaimed.
FOR CANNED FRUITS AND VEGETABLES, PORK AND BEANS, CORN, HOMINY; FRUIT JELLIES, PRESERVES AND BUTTERS; CANNED FISH, OYSTERS AND SOUPS; PACKAGED OATS, WHEAT AND RICE; SALTED PEANUTS, PEANUT-BUTTER, MACARONI, SPAGHETTI, VERMICELLI, NOODLES, CANNED MILK, MINCE MEAT, CANE SUGAR SYRUP, SORGHUM, CANDIES, VANILLA AND LEMON FLAVORING EXTRACTS, SPICES, VINEGAR, HORSERADISH, PEPPER, MUSTARD, PICKLES, TEA AND COFFEE.
Claims use since Apr. 1, 1916.

Reg. No. 196,893. Registered Mar. 31, 1925. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

RC
GOBBO

FOR EDIBLE OILS—NAMELY, OLIVE OIL.
Claims use since Feb. 1, 1924.

Reg. No. 198,666. Registered May 26, 1925. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.



FOR CANNED FISH, SPECIFICALLY SARDINES IN OIL.
Claims use since December 1904.

Reg. No. 249,359. Registered Nov. 13, 1928. PRATT-LOW PRESERVING COMPANY, Santa Clara, Calif., a corporation of California. Republished by registrant.

PRATTLOW

FOR CANNED FRUITS AND CANNED VEGETABLES, AND APRICOT BUTTER.
Claims use since Jan. 1, 1923.

Reg. No. 267,677. Registered Feb. 25, 1930. P. F. PETERSEN BAKING COMPANY, Omaha, Nebr., a corporation of Nebraska. Republished by registrant.

PETER PAN

FOR CAKE AND SWEET ROLLS.
Claims use since April 1925.

Reg. No. 276,541. Registered Oct. 21, 1930. MOTHER'S GRANDMA COOKIE COMPANY, Seattle, Wash. Republished by Grandma Baking Company, Inc., Seattle, Wash., a corporation of Washington.

"For GOODNESS sake"

The word "Goodness" is disclaimed.
FOR PASTRY SPECIALTIES, CAKES AND COOKIES, AND ICE CREAM WAFERS, AND SUGAR COOKIES.
Claims use since Nov. 5, 1929.

Reg. No. 280,860. Registered Mar. 3, 1931. FRED FEAR & CO., Brooklyn, N. Y., a corporation of New York. Republished by registrant.

NEW ENGLAND

FOR FLAKED FISH AND TABLE SYRUPS.
Claims use since 1890.

Reg. No. 292,708. Registered Mar. 22, 1932. MAYFLOWER MILLS, Fort Wayne, Ind., a corporation of Indiana. Republished by registrant.



FOR WHEAT FLOUR, PHOSPHATED FLOUR, AND SELF-RISING FLOUR.
Claims use since February 1926.

Reg. No. 295,766. Registered July 12, 1932. MAYFLOWER MILLS, Fort Wayne, Ind., a corporation of Indiana. Republished by registrant.



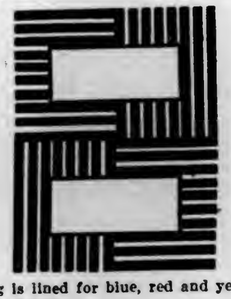
FOR WHEAT FLOUR, SELF-RISING FLOUR, AND PHOSPHATED FLOUR.
Claims use since Mar. 15, 1925.

Reg. No. 320,772. Registered Jan. 8, 1935. THE ZERO-PACK COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

ZEROPAK

FOR FRESH FROZEN FRUIT—NAMELY, APPLES, PEACHES, CHERRIES, AND STRAWBERRIES.
Claims use since Oct. 16, 1933.

Reg. No. 361,585. Registered Oct. 25, 1938. CHARLESTON MILLING COMPANY, Charleston, W. Va., a corporation of West Virginia. Republished by registrant.



The drawing is lined for blue, red and yellow.
FOR DAIRY FEED.
Claims use since on or about November 1936.

Reg. No. 366,519. Registered Apr. 18, 1939. CHARLESTON MILLING COMPANY, Charleston, W. W. Va., a corporation of West Virginia. Republished by registrant.



The drawing is lined for red, green and blue.
FOR CORN MEAL.
Claims use since on or about November 1936.

Reg. No. 371,120. Registered Sept. 19, 1939. WM. WRIGLEY JR. COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

SPEAR

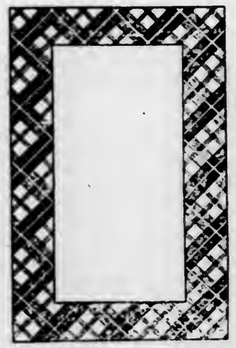
FOR CHEWING GUM.
Claims use since Jan. 8, 1938.

Reg. No. 384,562. Registered Jan. 21, 1941. CHARLESTON MILLING COMPANY, Charleston, W. Va., a corporation of West Virginia. Republished by registrant.

44

FOR WHEAT FLOUR.
Claims use since January 1938.

Reg. No. 389,268. Registered July 29, 1941. CHARLESTON MILLING COMPANY, Charleston, W. Va., a corporation of West Virginia. Republished by registrant.



FOR WHEAT FLOUR.
Claims use since December 1940.

Reg. No. 390,623. Registered Sept. 30, 1941. CHARLESTON MILLING COMPANY, Charleston, W. Va., a corporation of West Virginia. Republished by registrant.



In the drawing, the solid black areas represent blue and the broad white lines represent red, the remaining diagonal and criss-cross lining has a white background.
FOR WHEAT FLOUR CONTAINING VITAMIN AND IRON INGREDIENTS.
Claims use since on or about Mar. 7, 1941.

Reg. No. 390,867. Registered Oct. 7, 1941. HORLICK'S MALTED MILK CORPORATION, Racine, Wis. Republished by Horlick's Corporation, Racine, Wis., a corporation of Delaware.



FOR MALTED MILK.
Claims use since May 10, 1923.

Reg. No. 391,047. Registered Oct. 21, 1941. STANDARD MILLING COMPANY, New York, N. Y. Republished by Standard Milling Company, Chicago, Ill., a corporation of Illinois.

FINETEX

FOR WHEAT FLOUR.
Claims use since Dec. 29, 1933.

Reg. No. 392,181. Registered Dec. 16, 1941. UNITED PURE FOOD CO., New York, N. Y., a corporation of New York. Republished by registrant.

TOP FLIGHT

FOR CANNED VEGETABLES, DRIED VEGETABLES, PICKLED VEGETABLES, CANNED FISH, CANNED SHELL FISH, DRIED FISH, CHEESE, COCOA, TEA, VINEGAR, VEGETABLE SALAD OIL, OLIVE OIL, OLIVES, SPICE, ANCHOVY PASTE, SPAGHETTI SAUCE AND ANTIPASTO.
Claims use since Nov. 6, 1940.

Reg. No. 396,528. Registered July 21, 1942. CHOCOLATE PRODUCTS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

MILKPLUS

FOR VITAMIN FORTIFIED MILK.
Claims use since Mar. 15, 1941.

Reg. No. 401,127. Registered Apr. 27, 1943. NORTHERN COLD STORAGE & WAREHOUSE Co., Duluth, Minn., a corporation of Minnesota. Republished by registrant.

NORTHERN
BROWN BEAR
NORTHERN EGG PRODUCERS
DULUTH - MINN.

The words "Northern Egg Producers," "Northern," and "Duluth, Minn." are disclaimed.
FOR EGGS.
Claims use since July 1, 1938.

Reg. No. 401,128. Registered Apr. 27, 1943. NORTHERN COLD STORAGE & WAREHOUSE Co., Duluth, Minn., a corporation of Minnesota. Republished by registrant.

NORTHERN
WHITE BEAR
NORTHERN EGG PRODUCERS
DULUTH - MINN.

The words "Northern Egg Producers," "Northern," and "Duluth—Minn." are disclaimed. The drawing is lined for purple.
FOR EGGS.
Claims use since July 1, 1938.

Reg. No. 413,099. Registered Apr. 10, 1945. GOLDEN NUGGET SWEETS LTD., San Francisco, Calif., assignor to Golden Nugget Sweets Ltd., San Francisco, Calif., a limited partnership of California. Republished by Golden Nugget Sweets Ltd., San Francisco, Calif., a limited partnership.

GOLDEN NUGGET

FOR CANDY.
Claims use since September 1920 on fudge; since January 1929 on Nougat; since May 1930 on caramels; since February 1940 on chocolate coated bars.

Reg. No. 416,903. Registered Oct. 2, 1945. DOROTHY A. LONO, Amenia, N. Y. Republished by registrant.

DAWNWOOD FARMS

The word "Farms" is disclaimed.
FOR FLUID MILK.
Claims use since Mar. 7, 1943.

Reg. No. 417,437. Registered Oct. 30, 1945. CONTINENTAL COFFEE COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

CONTINENTAL
COFFEE
MALTED
MILK
CONTINENTAL COFFEE COMPANY

The words "Coffee Company" and the words, "Coffee Malted Milk" are disclaimed.
FOR COFFEE MALTED MILK IN POWDERED FORM.
Claims use since March 1915.

Reg. No. 425,786. Registered Dec. 3, 1946. STANDARD MILLING COMPANY, New York, N. Y., assignor to Standard Milling Company, Chicago, Ill. Republished by Standard Milling Company, Chicago, Ill., a corporation of Illinois.

NOVIA

FOR WHEAT FLOUR.
Claims use since Nov. 21, 1945.

Reg. No. 429,171. Registered Apr. 22, 1947. DAVID MICHAEL & Co., Philadelphia, Pa. Republished by David Michael and Company Incorporated, Philadelphia, Pa., a corporation of Pennsylvania.

AMERICA'S FLAVORITE

The word "America's" is disclaimed.
FOR FLAVORING FOR FOODS—NAMELY, POWDERED VANILLA PRODUCTS FOR INCORPORATION IN ICE CREAM OR THE LIKE.
Claims use since 1926.

CLASS 47

WINES

Reg. No. 427,562. Registered Feb. 11, 1947. URBANA WINE COMPANY, Hammondsport, N. Y., a corporation of New York. Republished by registrant.



The drawing is lined for gold color.
FOR WINES.
Claims use since Apr. 24, 1946.

CLASS 48

MALT BEVERAGES AND LIQUORS

Reg. No. 68,447. Registered Apr. 7, 1908. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

SVENSK OL

33

FOR MALT PREPARATION FOR MAKING A BEVERAGE.
Claims use since 1894.

Reg. No. 381,507. Registered Sept. 24, 1940. MINNEAPOLIS BREWING COMPANY, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

GRAIN BELT

The lining indicates the colors red and gold.
FOR BEER.
Claims use since Dec. 23, 1895.

Reg. No. 389,557. Registered Aug. 12, 1941. LA CROSSE BREWERIES, INC., La Crosse, Wis., a corporation of Wisconsin. Republished by registrant.



FOR BEER.
Claims use since Sept. 1, 1938.

Reg. No. 389,979. Registered Sept. 2, 1941. MINNEAPOLIS BREWING COMPANY, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

GRAIN BELT

FOR BEER.
Claims use since Dec. 23, 1895.

Reg. No. 396,860. Registered Aug. 4, 1942. PILSEN BREWING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



The drawing is lined for the colors blue and gold. The word "Pilsen" is disclaimed.
FOR BEER.
Claims use since Jan. 30, 1942.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Reg. No. 346,868. Registered June 8, 1937. UECKER EQUIPMENT COMPANY, Wauwatosa, Wis. Republished by Safway Steel Products, Inc., Milwaukee, Wis., a corporation of Wisconsin.

SAFWAY

FOR LADDERS AND SCAFFOLD EQUIPMENT.
Claims use since June 1, 1935.

Reg. No. 381,402. Registered Sept. 24, 1940. ARVEY CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

R-V-LITE

FOR TRANSPARENT SCREEN MATERIAL FORMED OF LAMINATED MESH CLOTH AND CELLULOSE ACETATE FILM.
Claims use since Jan. 13, 1940.

Reg. No. 429,149. Registered Apr. 22, 1947. WILLIAM A. SAMPSEL, Los Angeles, Calif. Republished by registrant.

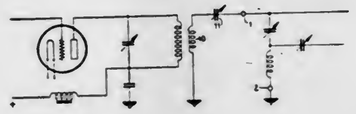
VIS-A-MOUNT

The word "Mount" is disclaimed.
FOR TRANSPARENT MOUNTINGS FOR MINERAL, BIOLOGICAL, AND PATHOLOGICAL SUBJECTS.
Claims use since Dec. 19, 1945.

REISSUES

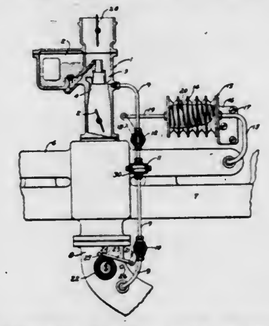
APRIL 20, 1948

22,993
MATCHING NETWORK
Andrew Alford, Cambridge, Mass., assignor to Mackay Radio and Telegraph Company, New York, N. Y., a corporation of Delaware
Original No. 2,165,086, dated July 4, 1939, Serial No. 111,643, November 19, 1936. Renewed December 21, 1938. Application for reissue March 19, 1945, Serial No. 583,401
13 Claims. (Cl. 178—44)



1. An electrical network adapted to insure that currents traversing the two conductors of a two wire transmission line are of substantially equal magnitude and opposite phase comprising three reactances, two of which are of the same sign and the third of which is of the opposite sign, one of said three reactances being connected in series in one of said two wires, another in shunt to said two wires, and the third between one of said two wires and ground.

22,994
ANTIDETONATING DEVICE
George M. Bicknell, St. Louis, Mo., assignor to Carter Carburetor Corporation, St. Louis, Mo., a corporation of Delaware
Original No. 2,317,582, dated April 27, 1943, Serial No. 429,605, February 5, 1942. Application for reissue April 24, 1944, Serial No. 532,527
13 Claims. (Cl. 123—119)



1. The method of controlling combustion pressure in the combustion chamber of an internal combustion engine operating on a combustible mixture of liquid fuel and air which comprises diluting the mixture with exhaust gases of the engine, and varying the degree of such dilution in accordance with both the temperature of the engine and the suction in the intake manifold.

PLANT PATENTS

GRANTED APRIL 20, 1948

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

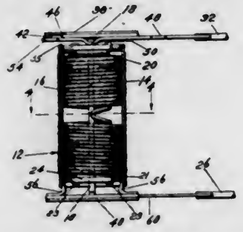
796
SANSEVIERIA PLANT
Gustav E. Bantel, St. Louis, Mo., assignor to Frank L. Sieloff, St. Louis, Mo.
Application July 24, 1946, Serial No. 685,978
1 Claim. (Cl. 47—59)

A new and distinct variety of sansevieria plant, substantially as shown and described, characterized particularly by its stiffly erect ensiform leaves, marked with alternating longitudinal stripes of white and green.

PATENTS

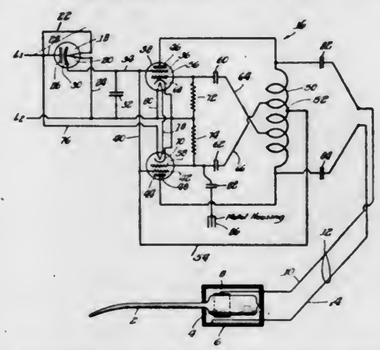
GRANTED APRIL 20, 1948

2,439,786
ELECTRON DISCHARGE DEVICE
Homer G. Anderson, Waban, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application November 7, 1944, Serial No. 562,334
2 Claims. (Cl. 250—27.5)



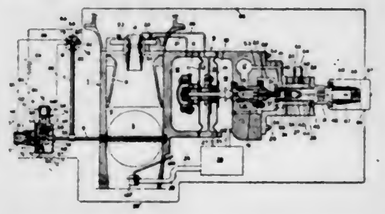
1. An electron discharge device comprising an envelope containing a cathode, an anode adjacent said cathode, a shield between each end of said cathode and said envelope, a heater wire within said cathode, a lead-in conductor, electrically conductive supporting means connected to said lead-in conductor and to a plurality of points of one on said shields to support the latter, and to one end of said heater wire, the other end of said heater wire being connected to said cathode, a second lead-in conductor, and electrically conductive supporting means for the other shield connected to said second lead-in conductor and to a plurality of points on said other shield, said other shield being electrically connected to said cathode.

2,439,787
ULTRAVIOLET RAY GENERATOR
Carl E. Atkins, Elgin, Ill., assignor to Sun-Kraft, Inc., Chicago, Ill., a corporation of Delaware
Application February 5, 1945, Serial No. 576,303
6 Claims. (Cl. 128—395)



1. An ultra-violet ray generator comprising an electrodeless vapor discharge tube, a metal band about a portion of said tube, an insulating member encircling said band but in spaced relation thereto, a wire connected to said band and extending from said member and a second wire entering said member and secured to the inner surface thereof, and means for supplying high frequency energy to said wires.

2,439,788
METHOD AND APPARATUS FOR OPTIMUM ECONOMY OPERATION OF INTERNAL-COMBUSTION ENGINES
Allen S. Atkinson, Haddonfield, N. J.
Application May 31, 1945, Serial No. 596,939
17 Claims. (Cl. 123—119)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



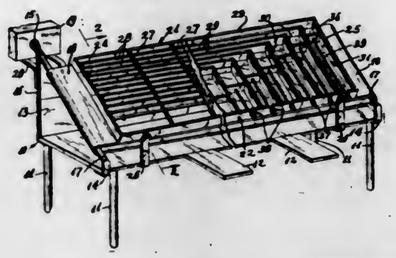
1. In the method of operating an internal combustion engine at optimum economy conditions for any given power condition, the steps which comprise establishing a condition of constant fuel flow to the engine, and then adjusting the ratio of the air-fuel mixture supplied to the engine to provide the maximum engine power output for the established constant rate of fuel flow thereto.

2,439,789
UPHOLSTERY SPRING EDGE CONSTRUCTION
Albert M. Bank, Jersey City, N. J.
Application April 12, 1944, Serial No. 530,609
10 Claims. (Cl. 155—179)



1. In a spring seat, a frame, a zig-zag spring mounted on said frame and a cantilever spring mounted on the zig-zag spring, said cantilever spring extending above the zig-zag spring and having a short arm and a long arm interconnected at one end, the short arm having a portion engaging beneath a pair of adjacent arms of said zig-zag spring and portions passing through a pair of adjacent loops on one side of said zig-zag spring, and the long arm having a portion engaging beneath one of the first pair of arms and the next adjacent arm of said zig-zag spring, and portions passing through a pair of loops on the opposite side of said zig-zag spring and staggered with respect to the first-mentioned pair of loops the ends of said arms being secured to the loops through which they pass.

2,439,790
MAIL SORTING MACHINE
Isidore Becker, Bronx, N. Y.
Application January 16, 1946, Serial No. 641,456
7 Claims. (Cl. 211—10)



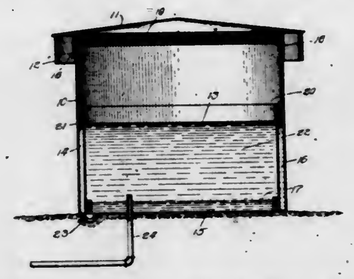
1. An automatic mail sorting machine comprising a table supported on legs and having a horizontal wall and a vertical wall, inclined shafts journalled in bearings supported on said walls at opposite ends of said table, means for rotating one of said shafts, a continuous belt extending around said shafts driving the other of said shafts from said one shaft, and a rack supported on said table in an inclined position on top of said belt, said belt underlying the entire bottom of said rack, said rack being partitioned into a plurality of longitudinal passages each terminating at one end at a juncture with a transverse passage, said transverse passages being inclined with said junctures at their tops whereby letters placed in said longitudinal passages will be conveyed therealong by said belt to said transverse passages where they will stack by gravity, and means in each of said transverse passages for supporting said letters as they stack therein.

2,439,791
PROCESS FOR FERMENTING CARBOHYDRATES TO BUTANOL AND ACETONE
Samuel C. Beesch, Philadelphia, Pa., assignor to Publicker Industries Inc., a corporation of Pennsylvania
No Drawing. Application January 13, 1945, Serial No. 572,741
4 Claims. (Cl. 195—44)

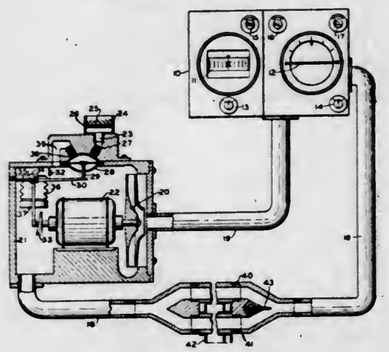
1. A process for producing organic solvents having relatively high proportions of butanol which comprises forming an aqueous mash containing a fermentable carbohydrate and containing suitable bacterial nutrients, adjusting the pH to approximately 6.0, inoculating the mash with a bacterial culture containing *Clostridium saccharo acetoperbutylicum* and incubating said inoculated mash at a temperature of about 28 to 35° C. for about 40 to 72 hours, while adding alkali from time to time to maintain the pH at approximately 5.5 to 6.5.

2,439,792
FLOATING ROOF STORAGE TANK
Harry C. Boardman, Chicago, Ill., assignor to Chicago Bridge & Iron Company, a corporation of Illinois
Application December 29, 1945, Serial No. 638,228
6 Claims. (Cl. 220—26)

1. A storage tank comprising an outer shell, a bottom therefor, a floating roof smaller than the shell and located within the shell, a flexible sealing member connecting the floating roof to said bottom to define a storage space under said floating roof, a portion of sealing liquid between the sealing member and the shell, a portion of sealing liquid in the bottom of the storage space, said portions of sealing liquid having specific gravities greater than that of the stored liquid, means connecting that portion of sealing liquid outside the sealing member with that portion at the bottom of the storage space, and filling and emptying means communicating with the storage space at a point above the greatest height of the sealing liquid in the bottom of the storage space.

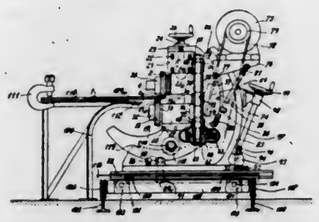


2,439,793
PRESSURE REGULATOR FOR INSTRUMENT HOUSINGS
Frederick D. Braddon, Babylon, N. Y., assignor to The Sperry Corporation, a corporation of Delaware
Application February 22, 1944, Serial No. 523,493
3 Claims. (Cl. 98—1.5)



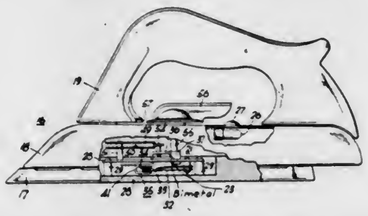
1. In a substantially closed air recirculating system, the combination of, an instrument housing in which air is utilized, a conduit through which air is supplied to the housing, a conduit through which air is exhausted from the housing, means interposed between the supply and exhaust conduits for continuously circulating the air in the system, a port to the atmosphere in one of the conduits, a valve normally closing said port, normally ineffective pumping means operable to open the valve and draw air into the system by way of the port to replenish the air lost in the system due to unintentional leakage, and pressure responsive means for rendering said pumping means effective when the pressure in one of the conduits drops below a predetermined value.

2,439,794
MACHINE FOR CUTTING AND CHAMFERING METAL SHEETS
Ettore Bugatti, Paris, France
Application October 29, 1945, Serial No. 625,338
In France November 20, 1944
8 Claims. (Cl. 164—63)



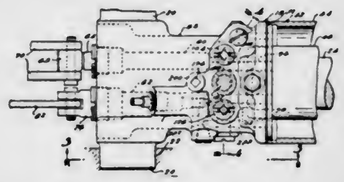
1. In a machine of the type described having a bed, the combination of a main carriage adapted to travel on said bed; means for guiding said carriage on the bed along a rectilinear path; a secondary carriage on the main carriage adapted to travel thereon; means for guiding the secondary carriage along a transverse path on said main carriage; a pair of cooperating cutting wheels; means for revolubly supporting said cutting wheels from the secondary carriage, including swiveling means whereby the cutting wheels can move bodily about an axis at right angles to the bed; and means supported from the secondary carriage to impart rotary motion to said wheels in opposite directions.

2,439,795
THERMOSTAT
Earl K. Clark, Mansfield, Ohio, assignor to Westinghouse Electric Corporation, a corporation of Pennsylvania
Application January 9, 1942, Serial No. 426,209
3 Claims. (Cl. 177—311)



1. An electrically-heated appliance comprising electrical heating means, a switch controlling energization of said heating means, means responsive to a temperature in said appliance and operating said switch to deenergize said heating means upon rise above a predetermined temperature and to energize said heating means upon fall below substantially the same predetermined temperature, adjusting means for varying the predetermined temperature or temperatures at which said temperature-responsive means operates said switch, a pilot light, a second switch comprising abutting contacts for controlling said pilot light, and a lost motion connection between said temperature-responsive means and said second switch, said lost motion connection comprising a first arm which carries one of the contacts of the first-mentioned switch and which is actuated by said temperature-responsive means and a second arm which carries one of the contacts of the second switch and which is biased in switch closing direction, said first arm being operable to move said second arm to open said second switch after a predetermined movement of said first arm in opening direction after opening said first switch, there being a lost motion between said first and second arms which is taken up during such predetermined movement, said lost motion connection being constructed and arranged so that movement of said temperature-responsive means occasioned by variation in said temperature when normally cycling at any adjustment is within the lost motion provided by such connection and said second switch is closed and so that when said temperature-responsive means moves beyond the extent of said lost motion, said second switch is opened.

2,439,796
PUMPING MECHANISM
Irwin E. Dearsley, Racine, Wis., assignor to Walker Manufacturing Company of Wisconsin, Racine, Wis., a corporation of Wisconsin
Application April 6, 1944, Serial No. 529,776
5 Claims. (Cl. 103—41)



1. In a pumping system for transferring fluid from a first space to a second space, a plurality of pump units, operating means common to said units, passage means through which fluid is drawn from said first space by said units, said passage means including a portion common to said units and portions individual thereto, valve means in each said individual portion and normally operative to prevent a reverse flow therethrough, and control means common to said valve means for controlling the effectiveness thereof, said control means being movably positioned in said common passage portion.

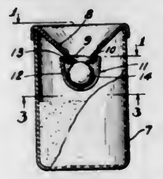
2,439,797
REDUCTION OF FOAMING IN AN AQUEOUS BATH CONTAINING FOAM-INDUCING CONSTITUENTS
Wayne L. Denman, Frederick, Md., assignor to Dearborn Chemical Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application June 28, 1944, Serial No. 542,610
17 Claims. (Cl. 252—321)

1. The method of treating an aqueous bath having present alkaline constituents inducing foaming therein comprising reducing the foaming of the bath by introducing into the same a mixture of a halogenated aliphatic amine and a hydroxy aliphatic amine, each of said amines having at least eleven carbon atoms in an alkyl radical thereof and being substantially insoluble in the aqueous bath, and showing little tendency to saponify with the ingredients of the bath.

2,439,798
MONOAZO COMPOUNDS CONTAINING A PYRAZOLONE NUCLEUS
Joseph B. Dickey and John R. Byers, Jr., Rochester, N. Y., and James G. McNally, Oak Ridge, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application January 21, 1944, Serial No. 519,192
1 Claim. (Cl. 260—163)

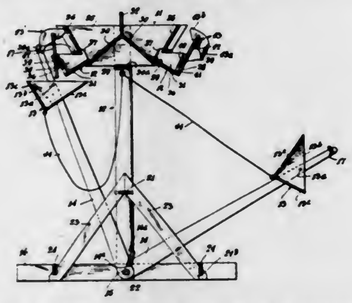
4-(4-n-butylsulfamyl-2-nitrophenylazo)-3-carbethoxy-5-pyrazolone.

2,439,799
SALT SHAKER
Theodore R. Duncan, North Hollywood, Calif.
Application April 21, 1945, Serial No. 589,494
3 Claims. (Cl. 65—57)



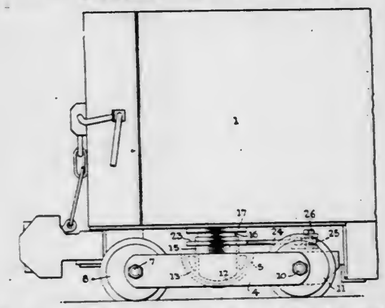
3. In a device of the kind described, a container having a hopper-shaped end portion to feed granular material into the container during the filling thereof, an approximately semicircular skeletal cage having at one side a mouth portion externally surrounding and detachably connected with the inner end of said hopper-shaped portion, and a globular retarder oscillatably contained within said cage and of a size sufficiently large in diameter to prevent it from escaping through the inner end of said hopper, said hopper portion having an external groove around its inner end and the mouth portion of said cage comprising an annular resilient portion springable into said groove to maintain the cage in its attached position.

2,439,800
SAND TOY
Oscar Fisher, Locust Valley, N. Y.
Application May 25, 1944, Serial No. 537,362
9 Claims. (Cl. 46—41)



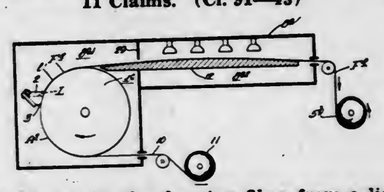
1. In a toy of the class described, a supporting base having portions adapted to establish an extended area of support with a plane surface, a pair of laterally spaced uprights extending upward from said base and supporting a sand hopper adjacent their upper ends, bracing means extending between said uprights in spaced relation to said supporting base and holding said uprights against lateral displacement with relation to said supporting base, and a pair of angularly related levers each having a length approximating the height of the hopper above said base and mounted for oscillating movement between sand loading and dumping positions about a pivot point disposed in line with said uprights beneath said hopper and closely adjacent said base.

2,439,801
RAIL VEHICLE HAVING AXLELESS TRUCKS
Henry Fort Flowers, Findlay, Ohio
Application October 25, 1944, Serial No. 560,278
9 Claims. (Cl. 105—179)



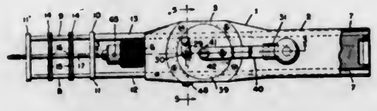
3. A rail vehicle comprising a body, opposed truck engaging members at opposite sides of said body, a wheel truck associated with each of said members including a body support mounted on the truck engaging member for oscillations about a vertical axis, a rigid wheel frame mounted on said body support for oscillations in a vertical plane, flanged wheels mounted in tandem on said wheel supporting frame, each body support having an arm projecting therefrom, and a tie bar pivotally connected at its opposite ends to the arms of opposed trucks whereby horizontal turning movements of one truck are imparted to the opposed truck.

2,439,802
APPARATUS FOR FORMING FILMS AND COATINGS
Carleton Shurtleff Francis, Jr., West Harwich, Mass.
Application January 2, 1945, Serial No. 571,048
11 Claims. (Cl. 91—43)



11. Apparatus for forming films from a liquid film-forming material, comprising a reservoir for such liquid material, said reservoir including an upwardly extending wall laterally movable relative to the rest of said reservoir; and means for moving a film receiving surface upwardly in contact with and beyond the top edge of said wall with the level of said liquid material above said top edge, said top edge being disposed adjacent said surface, the pressure of the liquid material in said reservoir moving said wall laterally toward said surface and serving to maintain said top edge in firm engagement with said surface.

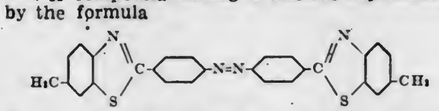
2,439,803
SURGICAL DRILL
Josef H. Giesen, United States Navy
Application January 19, 1945, Serial No. 573,616
7 Claims. (Cl. 128—310)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A surgical drill comprising a body having guide bores throughout the length thereof, a drill shaft, an operating handle, a two-speed gear train operated thereby, and means for changing the speed ratio so arranged within the body of the drill as to clear the guide bores, latch means for locking said gear train against displacement, a chuck mounted on said drill shaft having means for tightening and loosening it over a drill, screw, or pin inserted therein, said chuck being of a type which will not loosen upon reverse operation, and extensible guide means having shafts slidable in said guide bores and provided with guide plates adjustable along the shafts.

2,439,804
AZO BENZENE BENZTHIAZYLS
Norman Hulton Haddock, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Original application May 19, 1942, Serial No. 443,670. Divided and this application December 14, 1944, Serial No. 568,200. In Great Britain May 23, 1941
8 Claims. (Cl. 260—158)

1. A compound having a nucleus represented by the formula

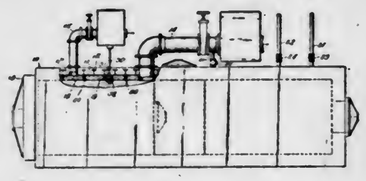


which is bis-substituted by one of the group consisting of thiocyano and alkyl xanthato groups.

2,439,805
METHOD OF ELECTROWINNING MANGANESE
Herbert R. Hanley, Rolla, Mo., and James H. Jacobs, Boulder City, Nev.
No Drawing. Application August 4, 1942, Serial No. 453,542
2 Claims. (Cl. 204—105)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In the method of electrowinning manganese wherein an electrolyte of manganese and ammonium sulphate is electrolyzed in a diaphragm cell wherein the current efficiency is greater than 50%, the improvement which is characterized by employing an anode of lead alloyed with one to three percent silver and of less surface area than the cathode; initially operating the cell at an anode current density above about 28 to about 58 amperes per square foot, and exceeding the cathode current density due to the difference in their areas while maintaining the current efficiency above 50%; initially depositing a protective film on the anode under said operating conditions for a period of about 24 hours and continuing said electrolysis under said operating conditions for a period of about two weeks to form a scale composed principally of oxides of manganese and lead at the anode and reduce the manganese deposited as oxide on the anode to less than 1% of the metal deposited on the cathode.

2,439,806
TESTING CHAMBER
Arnold H. Heineman, Chicago, Ill., assignor, by mesne assignments, to Guardite Corporation, Wilmington, Del., a corporation of Delaware
Application August 11, 1943, Serial No. 498,146
4 Claims. (Cl. 73—1)



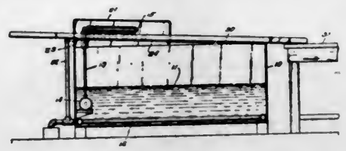
1. In a pressure chamber, a pressure shell, a layer of insulating material inside the shell, an airtight membrane inside the insulation dividing the pressure chamber into an insulation chamber and a testing chamber, means for evacuating the testing chamber and the insulation chamber to an absolute pressure near zero and for maintaining pressure in the insulation chamber at subatmospheric pressure not substantially greater than the pressure in the testing chamber, the pressure shell being of metal which substantially loses strength at the temperatures normally encountered in the testing chamber, and the membrane being of metal which does not substantially lose its strength at said temperatures.

2,439,807
TREATMENT OF ROSIN
Arthur W. Hixson, Leonia, N. J., and Ralph Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated, a corporation of Delaware, as trustee
No Drawing. Application May 14, 1941, Serial No. 393,481
16 Claims. (Cl. 260—108)

1. The process of securing a plurality of rosin fractions from resins having fractions insoluble in liquefied hydrocarbons from a solution of rosins dissolved in liquefied, normally gaseous paraffin hydrocarbons comprising warming the solution until a rosin phase appears, separating the rosin phase from the hydrocarbon phase, raising the temperature of the hydrocarbon phase until a second rosin phase appears, separating the second rosin phase from the hydrocarbon phase and repeating the cycle until substantially all the rosin has been separated from the hydrocarbon phase.

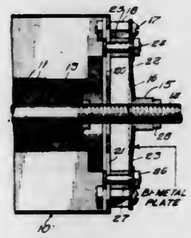
2,439,808
COATING EGGS FOR BREAKING
George F. Hodson, Chicago, Ill., assignor to Wilson & Co. Inc., a corporation of Delaware
Application March 30, 1945, Serial No. 585,706
3 Claims. (Cl. 146—221)

2. The method of treating a series of eggs which comprises applying a thin layer of a fluid thermoplastic material to the eggs, setting said material to a substantially solid state, and then substantially immediately breaking the eggs



within the areas of the coatings, said series of eggs including eggs in their natural dirty state and including eggs whose shells are broken.

2,439,809
TEMPERATURE COMPENSATION MEANS FOR FIXED REACTANCES IN TUNABLE CIRCUITS
Theodore A. Hunter, Iowa City, Iowa, assignor to Collins Radio Company, a corporation of Iowa
Application February 1, 1943, Serial No. 474,371
12 Claims. (Cl. 250—40)

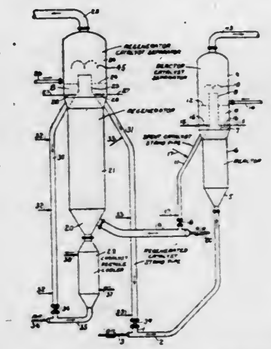


1. In radio communications equipment, apparatus of the character described, including: an impedance assembly having a movable portion; a member having at least a part movable as a function of temperature variations and connected to the movable portion of the impedance assembly for varying the impedance thereof; and means for adjusting the amount of movement of the movable part per unit of temperature variation.

2,439,810
SULFURIC ACID REACTION PRODUCT OF 2-MERCAPTO-4,6,6-TRIMETHYL THIAZINE
Jacob Eden Jansen, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
No Drawing. Application July 31, 1946, Serial No. 687,521
5 Claims. (Cl. 260—243)

1. A composition of matter selected from the class consisting of (1) the sulfuric acid reaction product of 2-mercapto-4,6,6-trimethylthiazine, said reaction product being formed by reacting 2-mercapto-4,6,6-trimethylthiazine with concentrated sulfuric acid of the concentration of 80% to oleum at a temperature of from about 20° C. to 75° C., the reaction being characterized by the evolution of a substantial amount of sulfur dioxide, heating the reaction mixture until evolution of sulfur dioxide has ceased, and separating the resulting reaction product, and (2) the metal salts of said reaction product.

2,439,811
CATALYTIC CONVERSION OF HYDROCARBONS
Joseph W. Jewell, Summit, N. J., assignor to The M. W. Kellogg Company, Jersey City, N. J., a corporation of Delaware
Application May 21, 1941, Serial No. 394,440
10 Claims. (Cl. 196—52)



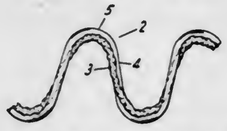
2. A process for continously effecting chemical conversions involving contacting a gas with a solid material, which comprises continually effecting the following steps—introducing the solid material in powdered condition to a conversion zone, flowing the gas upwardly through said zone at a velocity sufficiently low to maintain the powdered material in said zone in a pseudo-liquid condition characterized by the relatively high concentration of the particles therein, continually adding additional quantities of the powdered material to said pseudo-liquid dense phase at a rate adapted to maintain it and its average activity at a suitable value, withdrawing a mixture of vaporous reaction products and treated solid particles from the upper part of the conversion zone and passing the mixture into a separating zone of large cross-sectional area approximating that of the conversion zone at right angles to the direction of vapor flow and deflecting the particles out of the direct path of vapor flow through said separating zone whereby said mixture is separated into two phases, a lower dense solid particles phase and an upper phase consisting of the vaporous reaction products mixed with a relatively small quantity of solid particles, introducing an inert gas throughout said lower dense phase in amount suitable to strip treated gas entrained therewith and to maintain said phase in a flowable condition, and continuously withdrawing both said phases from the separating zone.

2,439,812
METHOD FOR MAKING PHENOL
Robert H. Krieble, Schenectady, N. Y., and William I. Denton, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
Application November 30, 1944, Serial No. 565,927
11 Claims. (Cl. 260—621)

1. In the method of making phenol wherein a reaction mixture of benzene vapor and oxygen-containing gas is passed under a pressure in excess of about 500 pounds per square inch through a reaction zone at a temperature between about 600° F. and about 950° F., said reaction zone having a metallic surface and being void of solid

catalyst, the step of incorporating in the reaction mixture an olefin-containing hydrocarbon having a "potential hydrogen donor ability" value greater than about 2.5, in an amount such that the olefin concentration of the reaction mixture is within the range of from about 0.25 per cent to about 5 per cent by volume.

2,439,813
ARTIFICIAL FILAMENT
Maurice P. Kulp, Linwood, Pa., and Wayne A. Sisson, Silverside, Del., assignors to American Viscose Corporation, Wilmington, Del., a corporation of Delaware
Application May 13, 1943, Serial No. 486,772
5 Claims. (Cl. 28—82)



1. An artificial filament having a plurality of crimps lying at random in three dimensions comprising two components of regenerated celluloses differently oriented as a result of stretching the composite filaments during spinning while in a partially regenerated condition to an extent within 5 to 15% of, but short of, the rupturing stretch, the components being joined side by side the entire length thereof by intermingled portions of the materials making up the adjoining components, each of said components having a portion of its peripheral surface disposed outside the periphery of the other component throughout the entire length of the filament, the components being formed from differing materials and having different skin thickness at said peripheral portions, said filament having a crimp retentivity as determined in water ranging from cold to boiling temperatures of about 60 to 100%, a dry strength of at least 1.5 grams per denier and a wet strength of at least 0.6 gram per denier.

2,439,814
CRIMPED ARTIFICIAL FILAMENT
Wayne A. Sisson, Silverside, Del., assignor to American Viscose Corporation, Wilmington, Del., a corporation of Delaware
Application May 13, 1943, Serial No. 486,773
6 Claims. (Cl. 28—82)



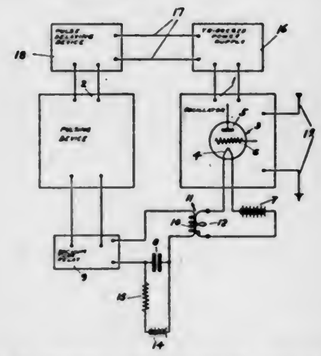
1. An artificial filaments comprising at least two components of materials joined side by side the entire length of the filament by intermingled portions of the materials making up the adjoining components, each of the components having a portion of its peripheral surface disposed outside the periphery of each other component throughout the entire length of the filament, said components being formed from differing materials and having different characteristics rendering the filament reversibly convertible by plasticization and setting thereof between an inherent crimped condition obtainable by setting in relaxed condition and a straight condition obtainable by setting under tension, said characteristics including different orientations with at least one component stretched beyond its elastic limit resulting from stretching the compostie filament after production beyond the elastic limit of at least one of its components.

2,439,815
COMPOSITE THERMOPLASTIC FIBERS
Wayne A. Sisson, Silverside, Del., assignor to American Viscose Corporation, Wilmington, Del., a corporation of Delaware
Application April 3, 1945, Serial No. 586,451
11 Claims. (Cl. 28—82)



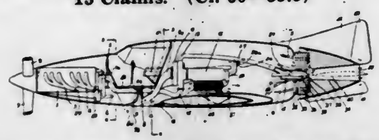
6. Artificial composite fibers which are unitary in cross-section but which comprise at least two eccentrically arranged thermoplastic components extending side-by-side the entire length of the fiber with each component having a portion of its peripheral surface outside the periphery of each other component, joined by intermingled portions of the materials making up the components, and having different temperature-responsive characteristics, the fibers being in a stretched condition in which the components are differentially strained internally sufficiently to render them reversibly convertible between a crimped condition and a potentially crimpable substantially straight condition under the influence of changes in temperature and extension, the fibers in the straight condition being crimpable in response to shrinkage of at least one of the components upon heating the fiber to a temperature above the shrinkage temperature of at least one of the components.

2,439,816
METHOD OF OPERATING ELECTRICAL SPACE DISCHARGE DEVICES
Laurence K. Marshall, Cambridge, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application September 10, 1942, Serial No. 457,803
2 Claims. (Cl. 250—27)



1. In a system for producing electrical impulses including an electrical space discharge device having a heated cathode and an anode, means for intermittently applying voltage pulses between the cathode and anode, and means for intermittently supplying pulses of heating current to said cathode to raise said cathode to a temperature of copious thermionic emission substantially in phase with said voltage pulses.

2,439,817
AIRCRAFT POWER PLANT OF JET PROPULSION TYPE
Pierre Ernest Mercier, Westport, Conn.
Application December 6, 1941, Serial No. 421,942
15 Claims. (Cl. 60—35.6)

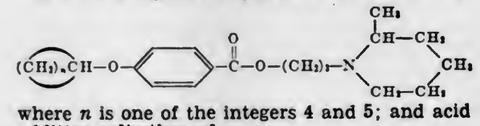


4. In a power plant for aircraft, an internal combustion engine, a rear propulsive nozzle, a supercharger for supplying compressed air to said engine and to said rear propulsive nozzle, a second internal combustion engine for driving said supercharger, said second engine being operable independently of said first mentioned engine, and connections for leading the exhaust gases from both of said engines to said rear propulsive nozzle.

15. In an aircraft, an engine, a rear propulsive nozzle, a supercharger, a connection for leading compressed air from said supercharger to said engine, a second connection for leading compressed air from said supercharger to said rear propulsive nozzle, a second engine for driving said supercharger, said second engine being operable independently of said first mentioned engine, means located forwardly of said second engine for admitting external air for cooling said second engine, means located rearwardly of said second engine for admitting external air to said rear propulsive nozzle, and means for discharging exhaust gases from at least one of said engines into said nozzle adjacent the points of discharge thereinto of the compressed air and external air, and means for confining said exhaust gas and said air in heat exchanging relation during admission of said air to and while it and said exhaust gas are being ejected through said propulsive nozzle.

2,439,818
SUBSTITUTED ESTERS OF BENZOIC ACID
Samuel M. McElvain, Madison, Wis., and Thomas P. Carney, Indianapolis, Ind.
No Drawing. Application April 27, 1946, Serial No. 665,644
5 Claims. (Cl. 260—293)

1. Novel compounds represented by the formula



where n is one of the integers 4 and 5; and acid addition salts thereof.

2,439,819
HIGH EFFICIENCY LUBRICANTS
John M. Musselman, South Euclid, Ohio, assignor to The Standard Oil Company, Cleveland, Ohio, a corporation of Ohio
No Drawing. Application October 13, 1941, Serial No. 414,783
17 Claims. (Cl. 252—32.7)

1. A compound of a heavy metal selected from the group consisting of chromium and metals below iron in the E. M. F. series and the reaction product of a sulphide of phosphorus and an oxygen-containing wax reacted at a temperature to separate a phosphorus and oxygen-containing residue.

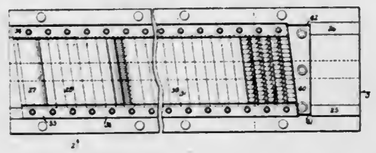
2,439,820
COMPOUND LUBRICANTS
John M. Musselman, South Euclid, Ohio, assignor to The Standard Oil Company, Cleveland, Ohio, a corporation of Ohio
No Drawing. Application October 14, 1941, Serial No. 414,977
17 Claims. (Cl. 252—32.7)

1. Compounds of a heavy metal selected from the group consisting of chromium and metals below iron in the E. M. F. series and of a metal selected from the group consisting of barium and metals having not more than four electron orbits selected from groups I, II and III of the periodic system, and the reaction product of a sulphide of phosphorus and an oxygen-containing wax reacted at a temperature to separate a phosphorus and oxygen-containing residue.

2,439,821
LUBRICANT PREPARATION
John M. Musselman, South Euclid, Ohio, assignor to The Standard Oil Company, Cleveland, Ohio, a corporation of Ohio
No Drawing. Application August 19, 1942, Serial No. 455,344
24 Claims. (Cl. 252—32.7)

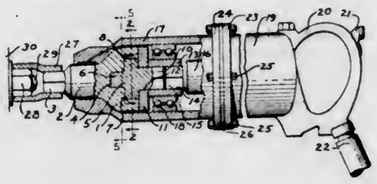
2. As a composition of matter suitable for use as a lubricant and as an addition agent to improve the characteristics of lubricating oils, a dual-reactive metal compound of the reaction product of a phosphorus sulfide and an ester wax reacted at a temperature at which most of the phosphorus of the phosphorus sulfide separates from said reaction product.

2,439,822
SAW-TOOTH SURFACE BROACH
Wilrose J. Phaneuf, Hudson, Mass., assignor to The Lapointe Machine Tool Company, Hudson, Mass., a corporation of Maine
Application November 2, 1943, Serial No. 508,758
2 Claims. (Cl. 90—33)



1. In a surface broach comprising a plate having side flanges and a continuous recessed flat cutter-supporting surface, a plurality of substantially rectangular elongated toothed cutting units each having its top face substantially at 90° to the parallel front and back faces of said unit and having its bottom face angularly disposed to form an included angle with the front face of said unit of slightly less than 90°, and means to align and position said units between said side flanges in said broach and with the bottom faces of said units seated against said continuous recessed surface of said broach and with said units thereby rearwardly inclined in accordance with said slight angle, whereby each cutting unit is relieved on its top surface.

2,439,823
IMPACT CLUTCH
Carl Wesley Porter, Alexandria, Va.
Application December 2, 1942, Serial No. 467,659
6 Claims. (Cl. 192—30.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

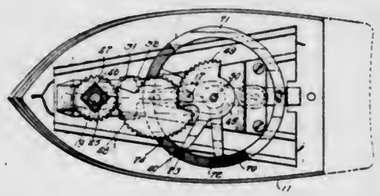


1. In a reversible variable speed power tool for turning, tightening and loosening parts; a coupling between the driving and driven members comprising a pair of aligned rotatable members attached respectively thereto and having closely adjacent opposed circumferential surfaces, there being a similar series of grooves equally spaced around the circumference of each of said surfaces, an anti-friction element for each of the grooves in one of said surfaces, the latter grooves being of a depth sufficient to contain the anti-friction elements, the other grooves being slightly less than half of such depth, said deeper grooves having sharp edges for simultaneously snapping all the elements out of their shallow grooves in cooperation with the opposed end edges thereof.

2,439,824
RESIN FROM PHENOL, FORMALDEHYDE, SATURATED AND UNSATURATED HYDROCARBONS, AND ROSIN
Fritz Rostler and Leopold Bornstein, Wilmington, Del., assignors to Wilmington Chemical Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 3, 1941, Serial No. 377,268. In Germany May 30, 1938
2 Claims. (Cl. 260—25)

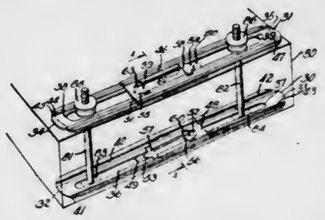
1. Method for the production of heat-hardenable synthetic resin compositions of the phenol-aldehyde type containing saturated hydrocarbons in an amount sufficient to cause cloudiness when hardened, said resin having the characteristic of being substantially free from cloudiness when hardened, comprising effecting condensation of a mixture containing formaldehyde, a phenol condensible therewith to form a heat-hardenable resin, unsaturated hydrocarbons capable of condensing therewith, a proportion of more than 4% of saturated hydrocarbons boiling in the range of 160° to 360° C. at 12 mm. Hg, and sufficient to cause substantial cloudiness when said resin is hardened, and rosin, the amount of rosin being less than 10%, said unsaturated hydrocarbons being derived from by-products of mineral oil refining of the class consisting of those obtained by neutralizing petroleum acid sludge and fractionating the organic constituents thereof under vacuum to eliminate at least the portions boiling outside the range from 160° to 360° C. at 12 mm. Hg, and those obtained as solvent extract residues in the selective solvent refining of mineral oils, said unsaturated hydrocarbons having a composition of approximately 90% carbon and 10% hydrogen.

2,439,825
ELECTRIC IRON WITH SYNCHRONOUS HEAT INDICATION
Charles H. Sparklin, Chicago, Ill., assignor to Birtman Electric Company, a corporation of Illinois
Application May 13, 1944, Serial No. 535,429
3 Claims. (Cl. 38—74)



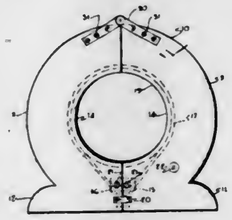
1. In an electric sadiron having a sole plate, means for heating the sole plate, a hood above the sole plate forming with the sole plate a body portion, a handle, an adjustable thermostat, an adjustable setting indicator synchronized therewith and indicating the setting of the thermostat in terms of operating conditions of the iron and a temperature indicator, the setting indicator and the temperature indicator being in substantially vertically superposed relationship whereby the setting indicator and the temperature indicator are in visual alignment.

2,439,826
LOOSE-LEAF BINDER
Harry D. Snyder, New York, N. Y., assignor, by mesne assignments, to Speed Products Company, Inc., Long Island City, N. Y., a corporation of New York
Application August 9, 1944, Serial No. 548,650
3 Claims. (Cl. 24—67)



1. In a fastener, upper and lower closely superimposed sections each having spaced rails defining a longitudinally arranged slot, means slidably guiding said sections longitudinally thereof, said rails of said upper section including alined notch means, a lug extending downwardly from said upper section and spaced from and in alinement with said notch means, said rails of said lower section including alined recess means, a lug projecting upwardly from said lower section and spaced from and in alinement with said recess means, said lug extending from said upper section adapted to be removably received in said recess means and slidably mounted on said rails of said lower section, and said lug extending from said lower section adapted to be removably received by said notch means and slidably mounted on said rails of said upper section.

2,439,827
COIL
Nathan Sterenbuch, New York, and Martin Saffer, Glendale, N. Y.
Application March 12, 1946, Serial No. 653,927
7 Claims. (Cl. 175—21)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A coil comprising a first generally circular frame, a second generally circular frame, said frames having semicircular components, hinges connecting the said components of each circular frame, a generally tubular core between said frames, said core being divided into equal parts and extending between said frames, blocks between said frames below the parts of said tubular core, a helically wound coil on said core, plugs in one of said blocks, jacks on the other of said blocks, each of the convolutions of said coil being severed, the severed ends of each of said convolutions terminating in one of said jacks and plugs, and the ends of said coil protruding through said frames.

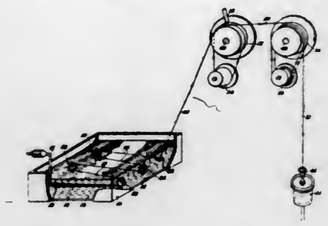
2,439,828
THIAZINE DIMER
Frank Swedish, Jr., Rothschild, Wis., assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
No Drawing. Application August 7, 1946, Serial No. 688,960
7 Claims. (Cl. 260—243)

1. The method of preparing the dimer of 2-mercapto-4,6,6-trimethylthiazine which comprises heating a thiazine selected from the class consisting of 2-mercapto-4,6,6-trimethylthiazine and 2-mercapto-4-hydroxy-4,6,6-trimethyldihydrothiazine in the presence of an aqueous solution of a dehydrating mineral acid at a temperature not in excess of 90° C., the concentration of the mineral acid being that which is equivalent to aqueous sulfuric acid containing from about 50 to about 80% sulfuric acid by weight.

5. The dimer of 2-mercapto-4,6,6-trimethylthiazine.

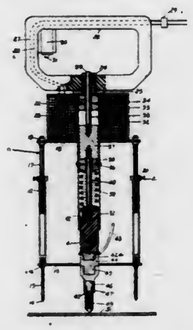
2,439,829
METHOD OF PRODUCING ARTIFICIAL YARN
Emerson A. Tippetts, Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application August 19, 1943, Serial No. 499,162
7 Claims. (Cl. 18—8)

1. In the process of stretching viscose yarn between two spaced positively driven feed wheels, the step which comprises applying a jet of hot aqueous liquid to the yarn on the first feed wheel and while the yarn is within a zone of 90° from the point it leaves said feed wheel to pass to the second feed wheel, the temperature of said aqueous liquid being such as to heat said yarn to a temperature of at least 75° C., said jet being so directed as to have a component of its velocity



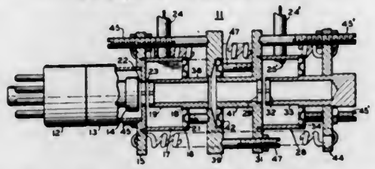
in the direction of rotation of said first feed wheel.

2,439,830
STUD-WELDING GUN
Alfonso P. Varela, New York, N. Y.
Application March 5, 1946, Serial No. 652,201
1 Claim. (Cl. 219—4)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



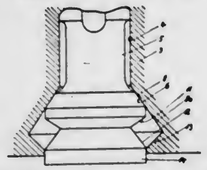
A stud-welding gun comprising a frame having a series of spaced vertical legs, a transverse member securing said legs together, each leg having an upward telescope extension, means for locking said extensions in selected position, a transverse member securing said extensions together, a solenoid coil mounted on said latter transverse member, a handle mounted on said coil, a guide tube mounted in said coil and depending toward the base of said legs, an upper stop in said tube having a central bore, a lower stop in said tube having a central bore, a solenoid armature in said tube between said stops and having its upward and downward movement limited by said stops, a signal pin on said armature extending upwardly through said upper stop and being exposed to view to indicate the position of said armature in said tube, a pin extending downwardly from said armature through said lower stop, an insulator on the lower end of said pin, a stud holder below said insulator and adjacent the base of said legs, an electrical contact between said insulator and said stud holder for conducting current through said stud holder, a compression spring between said lower stop and insulator for urging said insulator, stud holder and armature downwardly, said solenoid coil being arranged for electrical energization to reciprocate said insulator, stud holder and armature upwardly against the action of said spring.

2,439,831
HIGH-FREQUENCY APPARATUS
Sigurd F. Varian and Lloyd F. Sorg, Garden City, N. Y., assignors to The Sperry Corporation, a corporation of Delaware
Application June 28, 1944, Serial No. 542,550
14 Claims. (Cl. 315—5)



11. Electron discharge apparatus comprising a cathode, four grids successively spaced from said cathode, and adjustable means coupled to said grids for moving alternate ones of said grids with respect to the remaining ones of said grids for similarly and simultaneously varying the spacing between the grids of each pair of adjacent grids.

2,439,832
INJECTION NOZZLE FOR INTERNAL-COMBUSTION ENGINES
Willy Voit, Stuttgart, Germany; vested in the Attorney General of the United States
Application June 27, 1939, Serial No. 281,481
In Germany July 20, 1938
5 Claims. (Cl. 299—107.6)

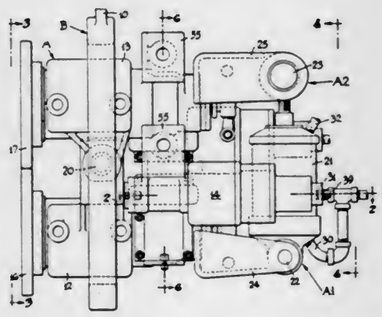


1. An injection nozzle for internal combustion engines comprising a nozzle body having a bore therein of differential width longitudinally and a needle displaceable in said body toward the exit orifice thereof for opening purposes, said bore and needle being provided with cooperating conical valve seating surfaces, said bore having a cylindrical portion, beyond its seating surface, providing the exit orifice of said nozzle body, the said needle beyond its seating surface in the body bore and in the direction of fuel injection being provided with a substantially cylindrical portion which during the first portion of the opening lift of the needle from its seat on the nozzle body remains within the complementary cylindrical portion of the nozzle body so as to prevent escape of fuel from the nozzle but which finally emerges entirely from the cylindrical portion forming the exit orifice of said nozzle body to permit flow of fuel from said orifice; said cylindrical portion of said needle having a diameter at least as great as the largest diameter of said valve seating surface of said needle and arranged to form an annular shoulder whereby fuel under pressure delivered to said bore at the commencement of the needle opening movement exerts an additional force on said needle in the opening direction thereof as long as the cylindrical portion of said needle remains in said complementary cylindrical portion of said nozzle body, said bore adjacent its seating surface having a diameter larger than the largest diameter of the valve seating surface of said needle and having a wall surface at an angle to the conical valve seating surface of the bore to deflect fuel flowing past said seating surface, said needle having a constricted portion between its seating surface and its cylindrical portion to form with said deflecting wall surface an annular channel for fuel, said constricted portion being formed to provide a conical surface which in the open position of the needle at least partly emerges from the cylindrical portion forming the exit orifice of said nozzle body whereby the flow of fuel is directed outwardly away from the axis of the needle.

2,439,833
PROCESS FOR PLUGGING WELLS
Cary R. Wagner, Utica, Ohio, assignor to Phillips Petroleum Company, a corporation of Delaware
No Drawing. Application July 3, 1945, Serial No. 603,107
2 Claims. (Cl. 166—22)

1. The process of plugging a porous formation in a well comprising the steps of introducing into the formation a sufficient amount of an aqueous solution of sodium carboxymethylcellulose and a sufficient amount of an aqueous solution of a salt selected from the group consisting of ferrous sulphate, ferric chloride, barium nitrate, stannous chloride, basic lead acetate and aluminum sulphate, to react and form a water insoluble precipitate in an amount sufficient to effectively plug said porous formation.

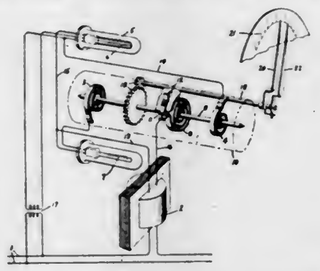
2,439,834
PORTABLE ROLLER WELDER
William A. Weightman, Philadelphia, Pa., assignor to The Budd Company, Philadelphia, Pa., a corporation of Pennsylvania
Application March 29, 1944, Serial No. 528,577
14 Claims. (Cl. 219—4)



1. A roller welder comprising spaced arms, a welding roll mounted on each arm, and separate prime movers mounted on the arms for driving each of said rolls.

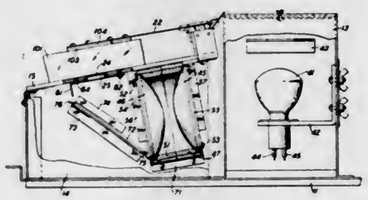
2,439,835
VOLT-AMPERE METER
Harry C. Wendt, Lynnfield, Mass., assignor to General Electric Company, a corporation of New York
Application August 21, 1946, Serial No. 692,081
4 Claims. (Cl. 171—95)

1. Apparatus for measuring the product of two quantities comprising a differential electrical measuring instrument having a pair of energizing circuits and responsive to the difference in the flow of current in said energizing circuits, means for energizing said circuits in parallel by currents the total of which is proportional to one of said quantities, a regulator in one of said energizing circuits comprising a temperature sensitive resistor heated in response to the other of said quantities for varying the relative flow of the



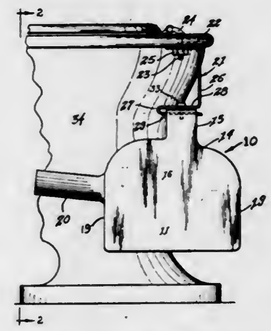
currents in the parallel energizing circuits, and a resistor contained in the other energizing circuit of the same order of resistance magnitude and temperature sensitivity as said regulator resistor for the purpose of compensating for the cold resistance of the regulator resistor and for changes in its resistance due to current flow therein and for ambient temperature changes.

2,439,836
METHOD OF AND APPARATUS FOR LOCATING THE DIRECTION OF NATURAL AXES OF QUARTZ CRYSTAL SECTIONS
Gerald W. Willard, Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application September 9, 1943, Serial No. 501,619
3 Claims. (Cl. 88—14)



1. The method of locating the direction of one of the natural axes of a quartz crystal section that has been so cut from the mother crystal that at least one of the major surfaces of the section is perpendicular to a predetermined one of the natural axes of the crystal which comprises the steps of etching one of the major surfaces of the section, directing light successively through a light diffusing element, an aperture of pin hole magnitude and the other of the major surfaces of the section to produce a figure in the quartz section of definite configuration the orientation of which is difinitely related to the direction of said one of the natural axes of the crystal section in that it is rotated a definite amount away from the direction of said one axis, observing the figure through the etched surface of the section, moving a matching guide having a plurality of straight guide lines thereon to a predetermined position coaxial with the said light diffusing element and the aperture and in contact with a surface of the quartz section, orientating the crystal section in order to align characteristic directional points of the observed figure with the guide lines provided on said matching guide, said characteristic directional points being rotated away from the direction of said one axis, moving said matching guide to a position out of contact with the surface of the quartz section and removed from the first-mentioned position, and moving a marking guide to a predetermined position in contact with a surface of the orientated section and coaxial with the light diffusing element and the aperture, said marking guide having a straight guiding edge, and utilizing said guiding edge of said marking guide and cooperating marking means to mark a line indicating the direction of the desired natural axis on the etched surface of the section, said matching guide and said marking guide being so orientated with respect to each other when in said respective predetermined positions as to compensate for said rotation of said figure with respect to the direction of said one axis, the compensation resulting in coincidence between the direction of said guiding edge and the true direction of said one axis.

2,439,837
BRUSH RECEPTACLE AND SUSPENDING BRACKET
Bertram H. Wilcox, Redwood City, Calif.
Application July 13, 1945, Serial No. 604,793
1 Claim. (Cl. 206—15.1)



A device of the character described comprising a U-shaped hanger having attaching means on its upper end and spaced integral horizontally extending parallel supporting arms on its lower end, a brush holding container including a bail handle portion slidably and adjustably disposed between said spaced parallel supporting arms, means extending through said bail handle and parallel arms for securing the same in adjusted position, and an inclined arcuate brush handle supporting trough formed on said brush holding container extending laterally therefrom.

2,439,838
FOLDABLE GARMENT HANGER
Norman L. Wingate, Albany, Ga.
Application September 13, 1946, Serial No. 696,773
2 Claims. (Cl. 223—94)

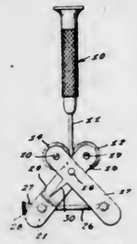
1. A foldable garment hanger of the class described comprising, a pair of arm members, one of said arm members being provided with an upwardly-extending shank part on its inner end, a hooked part on the upper end of said shank part, said shank part being substantially rectan-

gular in cross-section and provided with a channeled recess in its inner side, the inner surface of that portion of said hooked part which is adjacent said shank part being arcuately-shaped so as to provide a rounded shoulder, a lug extending upwardly from the inner end of the other of said arm members and having its lower end portion pivotally mounted within said recess, and a U-shaped lock member having a pair of spaced substantially-parallel arm parts connected at their outer ends by an integral transverse back part, the inner end portions of said arm parts being pivotally secured to said shank part so that



said lock member may be rocked upwardly and downwardly between inoperative and operative positions respectively, all adapted and arranged whereby the said other arm member may be moved on its pivot between a collapsed position with respect to the one arm member wherein the upper portion of said lug projects outwardly from the recess in the shank part and the lock member is in its inoperative position out of engagement with the outer surface of said lug wherein said lug is wholly disposed within said recess and its outer surface is impinged by said back part of the locking member.

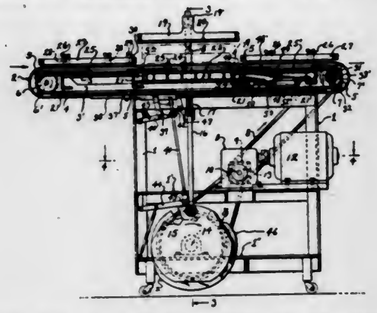
2,439,839
SCREW DRIVER CONDITIONER
George E. Brulport, Rossmoyne, Ohio
Application August 1, 1947, Serial No. 765,355
6 Claims. (Cl. 51—214)



1. A screw driver sharpener comprising a pair of transversely spaced apart cylindrical abrasive members, supporting means for said abrasive members, means carried by said supporting means for selectively adjusting the distance between said abrasive members, and means carried by said supporting means indicating the spaced apart relation of said abrasive members.

2,439,840
MACHINE FOR SLICING CHEESE OR THE LIKE IN VARIOUS SHAPES AND SIZES
Alvin F. Buroff, Columbus, Wis.
Application December 10, 1945, Serial No. 634,021
3 Claims. (Cl. 31—30)

1. A slicing machine for food products comprising a bed, a reciprocative slicing head above the bed, an endless conveyor having flights adapted to travel over the bed, a slip clutch driving means therefor, a movable stop finger projecting above the bed under control of the conveyor flights, a shiftable conveyor stop-lug, means for reversing the travel of the feed con-



veyor, and a cam for actuating the conveyor stop-lug and reversing means.

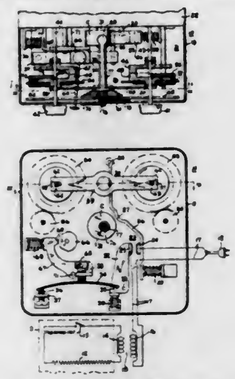
2,439,841
COUPLING FOR COAXIAL CABLES
Hans Reinhold Ferdinand Carsten, Liverpool, and Christopher Henry Monson Thorpe, Huyton, England, assignors, by mesne assignments, to British Insulated Callender's Cables Limited, London, England, a company of Great Britain
Application August 18, 1944, Serial No. 550,028
In Great Britain September 28, 1943
2 Claims. (Cl. 174—21)

1. A coupling for a coaxial conductor cable comprising two coaxial pairs of interengaging contacts, an inner pair and an outer pair, said coupling being in two parts each of which comprises two relatively fixed contacts, one of each pair, each of said pair of contacts consisting of an internally screw-threaded socket member and an externally screw-threaded plug member for screwing into said socket member, the screw threads on the members forming the inner pair of contacts being of the same hand as, but of slightly different pitch from, the screw threads on the members forming the outer pair of contacts, whereby after the respective plugs and sockets have been brought into engagement by a few turns of the one coupling part relative to the other coupling part, the contact members of each of said pairs become locked together.

2,439,842
CONTROL MECHANISM
Earl K. Clark, Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 6, 1944, Serial No. 562,070
5 Claims. (Cl. 200—139)

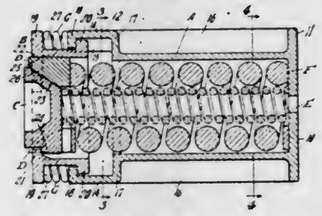
1. In control apparatus, the combination of a switch having relatively movable contacts, timing means for periodically actuating one of said contacts through a range of movement toward and away from the other contact, means responsive to the temperature of the ambient air for adjusting the other of said contacts relative said one contact into and out of said range of movement so that the ratio of the period of time the switch is closed to the period of time that it is

open is varied, inversely, with changes in the temperature of said air, means operated by said timing means for shifting said one contact relative said other contact from its active positions within said range of movement to an inactive position out of said range of movement, said con-



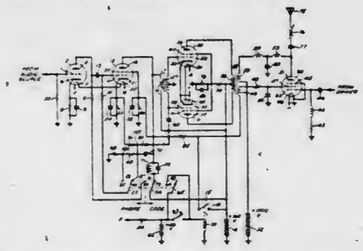
tact shifting means being effective to return said one contact from its inactive position to said active positions, and manually operable means associated with the contact shifting means for adjusting the times of the day that said contact is moved to its active and inactive positions.

2,439,843
FRICTION SHOCK ABSORBING MECHANISM FOR RAILWAY DRAFT RIGGINGS
George E. Dath, Mokena, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware
Application May 19, 1944, Serial No. 536,326
8 Claims. (Cl. 213—24)



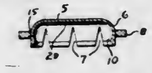
5. In a friction shock absorbing mechanism, the combination with a tubular spring cage having laterally projecting, longitudinally extending, exterior wings at opposite sides thereof, and a laterally projecting follower member at the rear end; of a friction shell having a lost motion connection with the spring cage, comprising longitudinally spaced front and rear lugs at opposite sides of said cage, and a pair of lugs projecting from opposite sides of the shell and engaged between said front and rear lugs of the cage, said shell being rotatably displaceable with respect to the cage to engage the lugs of the former between the lugs of the latter, said shell having a laterally projecting follower flange at the front end; a friction clutch slidably telescoped within the friction shell; springs within the cage yieldingly opposing inward movement of said clutch and shell; longitudinally extending coil springs exteriorly of the cage disposed above and below said wings to hold said springs against rotation about the longitudinal central axis of the mechanism, said springs bearing at their front and rear ends on the follower flange of the shell and the follower member of the cage respectively; and centering bosses on said follower flange seated within the front ends of said coil springs to lock said shell against rotation with respect to said springs and hold said shell against rotation with repect to the spring cage.

2,439,844
AMPLIFIER AND OSCILLATOR CIRCUIT
Robert J. Davis, Lutherville, Md., assignor to Bendix Aviation Corporation, New York, N. Y., a corporation of Delaware
Application October 29, 1943, Serial No. 508,177
13 Claims. (Cl. 250—17)



2. In signal responsive apparatus, an electric discharge device having input and output circuits, means for selectively feeding back energy from said output circuit to said input circuit in phase with and in phase opposition with the energy in said input circuit, said in phase feedback being of a magnitude sufficient to cause sustained oscillations in said input and output circuits, and means for peaking the response of said output circuit at a predetermined frequency when the output energy is fed back with an in phase relationship and eliminating said peaked response when the output energy is fed back in phase opposition.

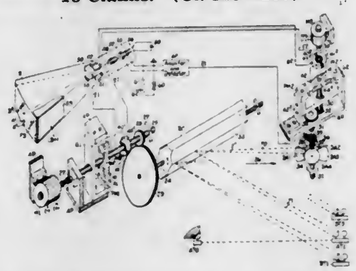
2,439,845
BOTTLE CAP
Jan de Swart, Los Angeles, Calif., assignor of one-half to C. Bland Jamison, Beverly Hills, and one-half to Arthur E. Wright, Los Angeles, Calif.
Application October 12, 1943, Serial No. 505,958
2 Claims. (Cl. 215—45)



2. A closure adapted to close a container having a mouth and an external locking bead below the mouth of the container, said closure comprising a cap having a top, a depending integral serrated skirt, a ring, and frangible connecting means between the skirt and ring to normally retain the ring integrally connected to the skirt intermediate the ends of the latter, said skirt gradually thickening in cross-section from said connecting means to its bottom end, said cap, skirt, ring and frangible connecting means being integral and formed of the same material, and said skirt, ring and frangible connecting means being constructed and arranged so that said ring may be slid downwardly on the skirt only when said frangible connecting means has been broken and so that said ring, by engaging that portion

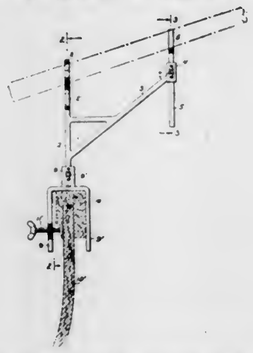
of the skirt having a gradually thickening cross-section may cause the inner surface of the bottom end portion of the skirt to engage under said locking bead of the container.

2,439,846
AIRPLANE COURSE INDICATING SYSTEM
Oscar H. Dicke, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.
Application April 21, 1944, Serial No. 532,181
18 Claims. (Cl. 343—107)



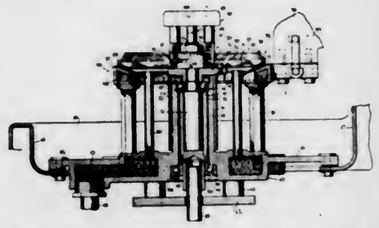
1. In an indicating system for airplanes, the combination with a plurality of fixed radio radiating apparatuses arranged along the ground to define a path over which an airplane is to fly, a display means supported within view of the pilot on such airplane, and radio responsive means including two mechanically moved scanning devices in series of which one comprises a radio reflector and the other comprises a radio detector for displaying visual images of said apparatuses on said display means by a plurality of lighted spots one for each apparatus, said spots being so juxtaposed as are the lines of sight connecting such airplane and apparatuses.

2,439,847
POLE HOLDER
Mose E. Disotell, Berlin, Wis.
Application July 25, 1945, Serial No. 607,007
1 Claim. (Cl. 248—42)



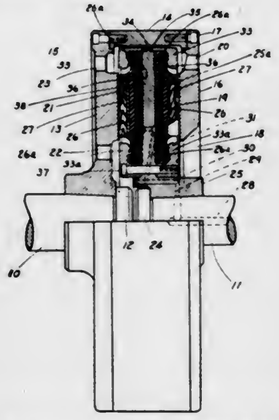
A rod or pole support comprising a vertically disposed stem terminating with a downwardly inclined loop, the same merging into an upwardly turned loop, forming an S in shape, the bottom upturned loop being adapted to receive the reel weighted butt of a casting pole, while the downturned loop is adapted to receive the light butt of a standard still fishing pole, a braced arm extending from the stem below the loops terminating with a vertically disposed sleeve, a shank adjustably fitted to the sleeve and an upwardly open crotch carried by the shank for supporting the intermediate portion of a reel weighted pole or a common still fishing pole.

2,439,848
METAL WHEEL
Carolus L. Eksergian, Detroit, Mich., assignor to The Budd Company, Philadelphia, Pa., a corporation of Pennsylvania
Application June 21, 1943, Serial No. 491,699
3 Claims. (Cl. 74—230.8)



1. A wheel comprising a hub section, a sigmoid section outwardly joining said hub section, and an edge section outwardly joining said sigmoid section, said edge section including a rigid strip annulus adjoining said sigmoid section and a re-entrant annulus adjoining said rigid annulus, the re-entrant annulus and sigmoid section being flexible relative to said rigid annulus.

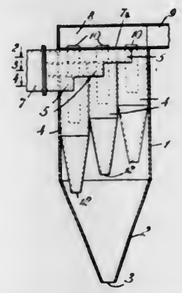
2,439,849
ASSEMBLY FOR CLUTCHES AND BRAKES
Thomas L. Fawick, Akron, Ohio, assignor to The Fawick Airflex Company, Inc., a corporation of Indiana
Application April 26, 1944, Serial No. 532,761
7 Claims. (Cl. 192—88)



1. An assembly comprising two relatively rotatable structures so journaled as to be subject to misalignment of their axes, said structures being adapted for frictional, torque-sustaining engagement with each other, one of said structures having an annular, frictional-engagement face disposed at least approximately at right angles to the axis of rotation and the other comprising a rigid member having an annular face confronting the

said frictional-engagement face, an annular diaphragm structure backed by the said annular face of the rigid member and having a portion for cushioning and sustaining the torque and for compensating for misalignment, the chief material of said portion having substantially the resilient deformability of vulcanized soft-rubber, said diaphragm structure being adapted to be distended into engagement with said frictional-engagement face, and means for conducting distending fluid to and from said diaphragm structure.

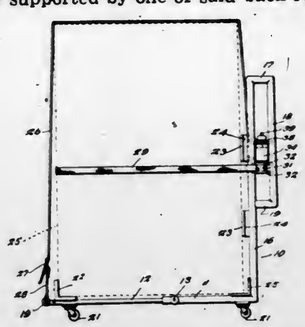
2,439,850
MANUFACTURE OF CARBON BLACK
George L. Heller, Monroe, La., assignor to Columbian Carbon Company, New York, N. Y., a corporation of Delaware
Application September 8, 1944, Serial No. 553,265
1 Claim. (Cl. 183—83)



In the centrifugal separation of flocculent agglomerates of furnace carbon black from suspension thereof in furnace gases, the improvement which comprises passing the suspension through a plurality of cyclone separators connected in parallel, the respective cyclone separators comprising a cylindrical body portion not exceeding about 3 feet in diameter and of a height equal to about 1½ to 2 times its diameter, an outlet tube co-axially positioned in said body portion and extending downwardly into the body portion for a distance of about 1 to 1½ times the diameter of said body portion, the diameter of said outlet being about ½ that of said body portion, and a cone-shaped hopper member extending downwardly from the cylindrical body portion for a distance approximating the height of said body portion, passing the suspension to the respective cyclone separators through a tangentially arranged inlet port, located at the upper end of said body portion, having an area of about ⅛ the square of the diameter of said body portion of the separator and at a velocity of about 10 to 12 feet per second.

2,439,851
EXTENSIBLE HAND TRUCK
Frank Higgins, Princeton, Ill.
Application August 28, 1945, Serial No. 613,109
3 Claims. (Cl. 280—34)

1. A hand truck including a longitudinally extensible, sectional base, casters supporting said base, a back integrally formed upon a first section of said base, said back including a pair of vertical, laterally spaced pillars, said pillars being inturned at their upper ends to constitute handles for said truck, a plurality of transversely disposed back rests secured to said pillars, a web article holding means having one end secured to one of said pillars and its other end wound upon a pulley supported by one of said back rests and

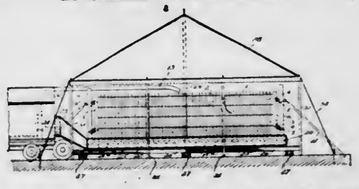


a ratchet and pawl for retaining said pulley and said web in tensioned adjustment.

2,439,852
CATALYST REVIVIFICATION
Donald R. Jackson, South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation, a corporation of New York
No Drawing. Application June 30, 1944, Serial No. 543,051
11 Claims. (Cl. 252—241)

1. In the process for revivifying a spent catalyst comprising a silicious body promoted with at least one oxide of a metal selected from the group consisting of tantalum, zirconium and columbium, which catalyst is useful for condensing aliphatic aldehydes and alcohols to form diolefines, which process comprises eliminating at least the major portion of the carbonaceous impurities from the spent catalyst, thereby reactivating the catalyst, and thereafter impregnating the catalyst with an aqueous solution of a compound of a metal selected from the group consisting of tantalum, zirconium and columbium, which compound is decomposable to yield an oxide of such a metal, the steps which comprise reacting the reactivated catalyst with a dilute aqueous solution of hydrofluoric acid, and removing therefrom excess hydrofluoric acid and water-soluble reaction products prior to said impregnation step.

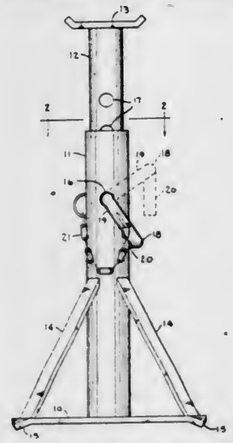
2,439,853
DEMOUNTABLE DRIER FOR HAY AND THE LIKE HAVING A PERFORATE FLOOR AND AIR CIRCULATING MEANS
Frank Wesley Moffett, Jr., Gates, N. Y.
Application October 19, 1945, Serial No. 623,298
15 Claims. (Cl. 34—233)



1. A portable knock-down rack for drying hay and the like comprising side walls, a bottom wall having openings therein, a canvas member folded to form a chamber beneath the bottom wall and having side walls with a portion of the side walls resting on the bottom wall, means resting on the

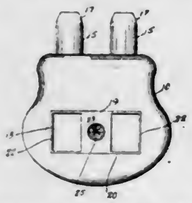
bottom of said canvas chamber and supporting said bottom wall, an air inlet communicating with said chamber, and means for forcing hot air into said air inlet.

2,439,854
JACK STAND
Daniel J. Lipski, Milwaukee, Wis.
Application April 25, 1946, Serial No. 664,825
3 Claims. (Cl. 248—352)



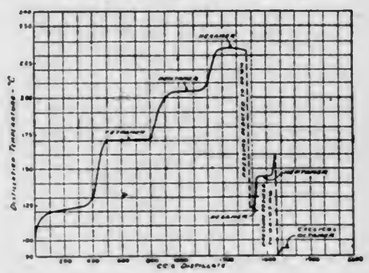
3. A locking pin for supports of a type having a vertically adjustable telescopic standard, said pin having a body portion projectable through the standard to secure the same in various positions of adjustment, and a pin retainer structure rigidly connected to one end of said pin and swingable by gravity into pin retaining position, said structure terminating in a finger disposed cross-wise of said pin spaced from but adjacent the opposite end of said pin.

2,439,855
RESPIRATOR
James C. Mortensen, Princeton, Ill.
Application July 16, 1946, Serial No. 683,900
5 Claims. (Cl. 128—146)



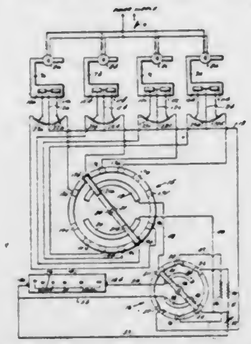
1. A respirator having a body including a mouth piece integrally formed with the body, and having a bore therein communicating with a cavity in the body, and a pair of nose pieces extending upwardly from the body and having bores therein communicating with said cavity, and a filter box adapted to be removably inserted in the cavity, and having two openings in its top communicating forwardly with the atmosphere, the body having two counterbored holes therein communicating with the holes in the filter box and the nose pieces being removably inserted in the counterbores.

2,439,856
DIMETHYL SILICONE POLYMERS AND METHODS OF MAKING THEM
Rob Roy McGregor, Verona, and Earl Leathen Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y., a corporation of New York
Application June 10, 1943, Serial No. 490,348
6 Claims. (Cl. 260—448.2)



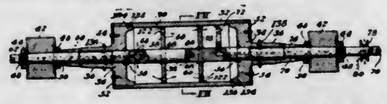
6. A liquid cyclic polymer of dimethyl silicone having the formula $[(CH_3)_2SiO]_n$, where n represents an integer from 5 to 7 inclusive.

2,439,857
SINGLE KNOB OXIMETER HAVING SELECTIVE CONTROL MEANS FOR MULTIPLE CHANNELS
Glenn A. Millikan, Nashville, Tenn., assignor to United States of America as represented by the Secretary of War
Application April 4, 1947, Serial No. 739,456
9 Claims. (Cl. 88—14)



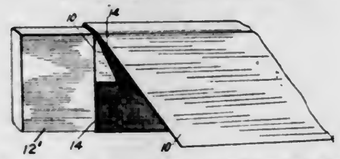
1. A single control multiple channel oximeter comprising, a plurality of photocell units each including a photocell means and a light source and being adapted to receive a living membrane between the photocell means and the light source, each photocell means including a separate control potentiometer, a galvanometer adapted to be connected to each photocell unit to indicate the per cent of oxyhemoglobin in the blood of said living membrane, a selector switch for connecting only a single photocell unit to said galvanometer at a time, adjusting means connected to said selector switch and adapted to engage only one of said potentiometers at a time according to the position of the selector switch, and the electrical connections between the selector switch and photocell units including the connection of the potentiometers and the photocell means being such that selection of a particular photocell unit by the selector switch thereby positions said adjusting means for engagement with the potentiometer connected to the photocell means included in said last mentioned photocell unit.

2,439,858
CONDUCTOR ROLL
Earll R. Muddiman, Wilkinsburg, and William E. Winterhalter, Mount Lebanon, Pa., assignors to Carnegie-Illinois Steel Corporation, a corporation of New Jersey
Application August 28, 1943, Serial No. 500,418
10 Claims. (Cl. 204—209)



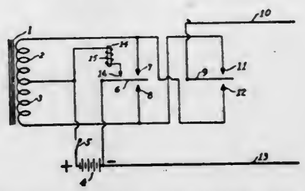
1. Apparatus for electroplating metal on a continuously rapidly moving strip of dissimilar metal, which comprises a combined conveyor and conductor roll for conveying the strip through an electroplating bath, the said roll also contacting and supplying electric current to the strip as it moves through the plating bath and making the said strip the cathode in the bath, the said combined conveyor and conductor roll comprising a hollow electrically conducting cylinder, a conductor shaft for mounting the cylinder, current conducting diaphragms between the cylinder and shaft in conducting relation therewith, the said diaphragms having a diameter equal to the inside diameter of the cylinder and being spaced equally along the shaft and cylinder and at equal distance within the ends of the cylinder, the said diaphragms uniformly distributing current over the entire cylinder, electrically conducting end closure members for the cylinder in tight engagement therewith and with the shaft, the said closure members being of less conductivity than the diaphragms, and forming auxiliary current conducting and distributing members cooperating with the diaphragms for uniformly distributing the current over the entire cylinder, the said closure members being extended into tapering hubs engaging the shaft, current collecting drums in tight engagement with the shaft, and means in the shaft for circulating cooling fluid through the cylinder.

2,439,859
INSULATING COVER FOR BUS BARS
George J. Muller, Philadelphia, Pa., assignor to Taylor Fibre Company, Norristown, Pa., a corporation of Pennsylvania
Application October 2, 1945, Serial No. 619,782
3 Claims. (Cl. 174—140)



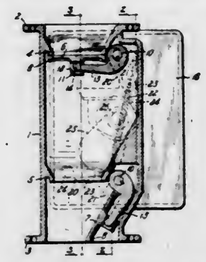
2. An insulating covering of tubular shape for a conductor bar having a layer of dielectric material on the inner surface, a layer of foraminous conducting metal on said inner layer of dielectric material, a plurality of layers of dielectric material wound on the layer of foraminous conducting metal bonded to each other by an insulating cement, portions of the foraminous conducting metal extending through the inner layer of dielectric and portions of the dielectric thereon.

2,439,860
DIRECT CURRENT VOLTAGE DOUBLER
Walter E. Peek, Indianapolis, Ind., assignor to Electronic Laboratories, Inc., Indianapolis, Ind., a corporation of Indiana
Application April 28, 1944, Serial No. 533,125
6 Claims. (Cl. 171—97)



1. A vibrating interrupter system for modifying the voltage delivered from a direct current source, comprising an inductance winding having a center tap adapted for connection with one side of a direct current source, a first vibrating interrupter including a vibrating member adapted for connection to the opposite side of said direct current source and oppositely disposed contacts respectively connected to the opposite end terminal of said inductance winding, a second vibrating interrupter including a vibrating member adapted for connection with one side of the load and a pair of oppositely disposed contacts respectively connected to the opposite end terminals of said inductance windings.

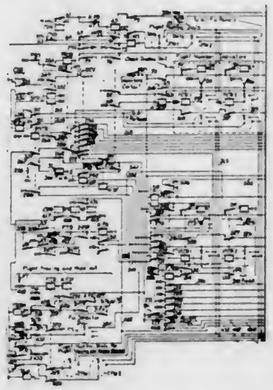
2,439,861
ALTERNATE TIPPING VALVE FOR HANDLING FLUENT MATERIALS
Peter Pooties, Temple City, Calif., assignor to Western Precipitation Corporation, Los Angeles, Calif., a corporation of California
Application January 2, 1945, Serial No. 571,086
2 Claims. (Cl. 222—445)



1. In an alternate tipping valve comprising a material conveying conduit; two valve seats in the conduit spaced axially thereof; two valve closure members each hinged to swing between open and closed positions with respect to one of said seats; an arm connected to each valve closure member; and a rotating cam engageable with said arms for alternately opening and closing said valves, the improvement which consists in that: the operating arms are substantially parallel to each other when the valve closure members are closed against the seats; a first and a second cam follower are located on each operating arm; and the rotating cam is located between the operating arms in a position to engage the first and then the second follower in sequence on each arm upon rotation in one direction and to engage the second and then the

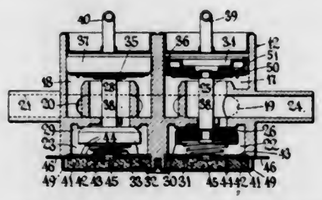
first follower in sequence on each arm upon rotation in the opposite direction, to move the valve closure members alternately through similar cycles of opening and closing.

2,439,862
AIRWAY TRAFFIC CONTROLLING SYSTEM
Neil D. Preston and Forest B. Hitchcock, Rochester, N. Y., assignors to General Railway Signal Company, Rochester, N. Y.
Application March 31, 1944, Serial No. 528,926
53 Claims. (Cl. 177—353)



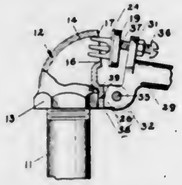
1. In a system of airways traffic control, the combination with two fix panels relating to adjacent fixes and each having a plurality of registration spaces for posting data for scheduled flights, each of said registration spaces including a plurality of changeable indicators for registering a scheduled time and altitude, means for registering the times and altitudes at said adjacent fixes for a proposed flight schedule, and conflict detection means operating automatically to determine if a given proposed flight is scheduled for times and altitudes conflicting with each of said prior flight schedules taken one at a time with respect to either of said fixes or any point in the fix interval between said fixes.

2,439,863
VACUUM OPERATED THREE-WAY VALVE
Anton Rappl, Buffalo, N. Y., assignor to Trico Products Corporation, Buffalo, N. Y.
Application May 4, 1942, Serial No. 441,612
3 Claims. (Cl. 121—44)



1. A fluid motor system having a fluid motor with a normally suction-balanced member therein, a motor control unit comprising a body having plural compartments each divided by a partition to provide a vacuum chamber and in an atmospheric chamber with the partition having a passage therethrough opening through valve seats in each chamber, a valve in the atmospheric chamber supported by a sustaining spacer from a valve in the vacuum chamber with the spacer acting to unseat one valve as the other seats, a pressure responsive wall in the vacuum chamber operative under a fluid pressure differential to seat the valve in the vacuum chamber, the vacuum chamber at the opposite side of the wall having a normally closed venting passage, pressure equalizing means normally providing restricted communication between the portions of the vacuum chamber at opposite sides of the wall, a suction supply line opening into each vacuum chamber, a chamber port from each partition passage leading to the fluid motor to so suction balance the member, a perforated closure wall for each atmospheric chamber, a perforated disk valve oscillatable upon the closure wall to register the perforations more or less in regulating the speed of operation of said fluid motor, means operable to selectively vent either venting passage, and spring means between each atmospheric valve and the respective perforated wall for normally seating such valve and unseating its associated vacuum valve.

2,439,864
FLOAT VALVE
Thomas Ritchie, Oskaloosa, Iowa, assignor to Charles B. Wade, Ottumwa, Iowa
Application January 14, 1944, Serial No. 518,484
1 Claim. (Cl. 137—104)



A float valve comprising a casing of elbow shape having an inlet adapted for connection with the top of an upright liquid supply pipe, and an outlet provided with a seat portion on the outside thereof, with said seat being in a plane inclined upwardly and inwardly of said casing, and with said outlet being of a reduced diameter relative to said inlet, a valve for said outlet comprised of a disc member having a plurality of circumferentially arranged legs projected laterally from one side thereof, and spaced apart from each other over substantially their full length, with said legs being loosely received within said outlet to provide for the movement of said disc member into and out of closing engagement with said seat portion, a float-supporting arm having a pair of oppositely extended lateral projections on one end, means pivoting one of said projections adjacent said inlet to provide for an up and down pivotal movement of said arm, with the second projection being pivotally movable toward and away from the outlet of said casing and engageable with said disc to control the operation of said valve member in response to the pivotal movement of said arm, and a stop on said casing engageable with said first projection to limit the downward pivotal movement of said arm at a position such that said disc member is retained by said second projection against falling out of said outlet.

2,439,865
MANUFACTURE OF WATER-SOLUBLE TEXTILE MATERIALS
Robert Pierce Roberts, Spondon, near Derby, England, assignor, by mesne assignments, to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application January 30, 1945, Serial No. 575,361. In Great Britain March 1, 1944
8 Claims. (Cl. 8—116.2)

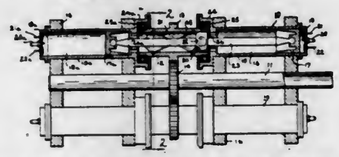
1. Process for the manufacture of textile fabrics having a relatively high tenacity when dry but capable of being dissolved by water, which comprises impregnating a cellulose fabric with a caustic alkali solution of concentration at least 35%, removing excess alkali solution until the fabric retains 2 to 3 times its original weight of the alkali solution and, without allowing the alkalized cellulose material to age, subjecting it first to the action of acrylonitrile at about room temperature and then to the action of methyl chloride at a temperature above 50° C.

2,439,866
OPEN-AIR SWIMMING POOL
Otto Saladin, Schweizerhalle, near Basel, Switzerland
Application March 6, 1945, Serial No. 581,300
In Switzerland November 20, 1943
3 Claims. (Cl. 210—11)



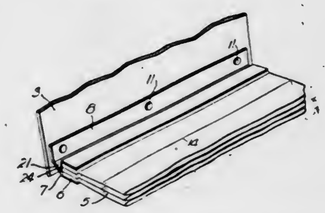
1. An open-air swimming pool, the top of which is open to the atmosphere, said swimming pool comprising a wall extending completely around and laterally encompassing a body of water, a spray pipe connected to the water supply and extending over the entire width of the pool and secured to the said wall thereof approximately flush with the water surface, said pipe having perforations disposed in its upper half so that sprays issued therefrom define a small angle with the water surface, whereby the said sprays move close to the water, but in slight spacing therefrom, before hitting the water surface and thereby engender an air current immediately above the latter which drives flotsam toward the wall of the pool, supplementing the propagating action of the sprays hitting the water surface, a spillway incorporated in the pool wall opposite the said spray pipe, and means for discharging the spill and washed up flotsam into a sewer; the whole floatsam skimming device to operate as and for the purpose described.

2,439,867
INTERNAL-COMBUSTION ENGINE
Donald W. Schaeffer, Dayton, Ohio
Application October 8, 1942, Serial No. 461,281
9 Claims. (Cl. 74—57)



1. An internal combustion engine having a cylinder and a piston therein for reciprocation in said cylinder, said engine being characterized by a mechanism for transforming reciprocatory motion into rotary motion consisting of a rotatable cam cylinder, a piston cam follower reciprocable within said cam cylinder and driven by the piston of the motor, endless track means on said rotatable cam cylinder that spirals from one end to the other and returns to close upon itself, and drive means extending from said follower piston in said rotatable cam cylinder and engaging said track to produce rotation of said cam cylinder upon reciprocation of said follower piston therein, said drive means comprising a rotatable member carried by said follower piston, and interengaging relatively rotatable parts extending from said last mentioned rotatable member for engaging said track.

2,439,868
BINDER
Samuel Segal, New York, N. Y., assignor to Wilson-Jones Company, Chicago, Ill., a corporation of Massachusetts
Application September 13, 1944, Serial No. 553,865
3 Claims. (Cl. 129—1)



2. In a binder, a cover member, a stack of envelope means having reinforcing filler means at the lower ends thereof, a connector interposed between said cover member and envelope means and embodying a yoke having spaced parts straddling and secured to said envelope means and constituting a channel for receiving said lower ends, said connector comprising spaced margins defining an elongated gap, reinforcing means within said gap and secured to said margins and characterizing therewith a reinforced portion, said connector having juxtapositioned and secured portions integral with said yoke and between said channel and reinforced portion and defining a flexible web extending from one corner of said yoke and substantially coextensive the width of said channel and constituting hinge means to provide for bodily tiltable displacement of said envelope means and yoke relative to said web and the latter relative to said reinforced portion, and means securing said reinforced portion to said cover member.

2,439,869
ADJUSTABLE SPRING SUPPORTED CHAIR
Renwick J. Sharp, Guatemala, Guatemala
Application November 14, 1944, Serial No. 563,334
12 Claims. (Cl. 155—51)

1. In a revolving and swaying adjustable height seat or chair, a seat bottom for supporting a cushion, a tubular post member, an apertured cap member screwed onto the upper portion of said post member, a two armed cantilever spring having the free end portions of its arms mounted in said cap member and its body portion extended horizontally and connected by bowed downwardly directed runs with said arms, said body portion

underlying and being pivoted to the forward portion of said seat bottom, a pin having free end portions laterally mounted on said post member subjacent said cap member, a pair of bowed springs each having looped end portions at one end pivotally engaging the free end portions of



said pin, means carried at their concave sides by the central arched portions of said bowed springs pivotally related to the rear portion of said seat bottom, and a seat back fastened to and spanning the distance between the other ends of said bowed springs.

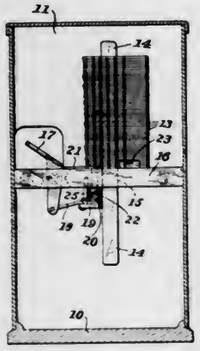
2,439,870

BOBBY PIN SPREADER AND DISPENSER

Ralph P. Sharp, Sr., Carville, La., assignor of one-third to Morris H. Faures and one-third to Albion B. Cobb, both of Baton Rouge, La.

Application July 24, 1946, Serial No. 685,880

8 Claims. (Cl. 132—1)



7. A bobby pin spreader and dispenser comprising a horizontal supporting shelf, a slot in said shelf, a thin vertical magazine blade inserted in said slot and adapted for free sliding movement therein, and adapted to have bobby pins strung in close superposed alignment thereon, the lowermost pin resting on the top surface of said shelf and supporting the magazine thereon, a finger mounted for pivotal movement upon the top surface of said shelf, means for turning said finger to bring it in contact with the lowermost bobby pin resting on said shelf whereby, upon continued movement of said finger, the lowermost bobby pin is rotated through approximately 90° upon the magazine blade and is simultaneously spread.

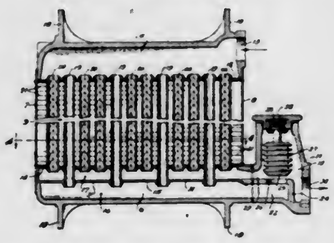
2,439,871

FLUID TEMPERATURE CONTROLLING DEVICE

Lawrence E. Skelly, New Haven, Conn., and Howard F. Brinen, Racine, Wis., assignors to Young Radiator Company, Racine, Wis., a corporation of Wisconsin

Original application September 18, 1942, Serial No. 458,964. Divided and this application January 8, 1945, Serial No. 571,814

1 Claim. (Cl. 257—2)



An oil temperature control device of the class described comprising a pair of headers one of which has a single chamber with an oil inlet and the other of which is partitioned to provide double chambers with contiguous outlets and which headers are connected together in opposed relationship by a plurality of tubes, occasional of said tubes having unobstructed oil flow therethrough and providing communication between said single-chamber header and one of the chambers of said double chamber header, the remainder of said tubes having heat transfer means obstructing the oil flow therethrough and providing communication between said single-chamber header and the other chamber of said double-chamber header, a multiplicity of closely-spaced fins through which said tubes extend in heat transfer relationship, a valve housing with outlet connected to said double-chamber header outwardly of the outlets for said chambers, said valve housing being partitioned to provide valve chambers communicating respectively with said header chambers and having a port affording communication between said valve-housing chambers, and a thermostatically-operated valve exposed in said valve-housing to the flow of oil from both of said header chamber outlets to said valve-housing outlet, said valve being normally biased to open said partition port when the oil flow is free to flow through said occasional tubes at a time when the oil flow through said remainder of tubes is retarded by the viscosity of the oil, the partition separating the chambers of said double-chamber header having apertures providing communication between said chambers so as to permit a continuous small flow of oil from said other chamber to said one chamber of said double-chamber header.

2,439,872

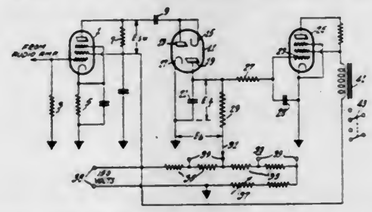
FREQUENCY RESPONSIVE CIRCUITS

Royden C. Sanders, Jr., Hightstown, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Original application November 30, 1942, Serial No. 467,445. Divided and this application March 2, 1944, Serial No. 524,797

2 Claims. (Cl. 250—27)

1. A system for providing substantially uniform response to deviation in frequency of an input signal above and below a selected frequency, including a counter circuit including a capacitor and means for applying said input signal thereto, said means including two parallel paths each including a respective rectifier, said rectifiers being conductive in respectively opposite directions, one of said paths including a load resistor and a source of bias voltage predetermined in accordance with said selected frequency, connected in series with each other and said rectifier, and a storage capacitor connected across said load resistor and bias source, an amplifier tube including a control grid and a cathode, and means for applying the voltage across said storage capacitor to said control grid, said last mentioned means including a resistor connected between said load resistor and said grid and a capacitor connected between said grid and said cathode, the product of the values of said last mentioned resistor and said last mentioned capacitor being at least as much as the product of the values of said load resistor and said storage capacitor.



2,439,873

COMBINED BIRD CAGE PERCH CLEANER AND HOLDER FOR MITE ATTRACTING MATERIAL

Ellis Norman Snyder, Melrose Park, Ill.

Application October 12, 1944, Serial No. 558,304

3 Claims. (Cl. 119—22)



2. A combined bird cage perch cleaner and holder for mite attracting material comprising a substantially rectangular piece of stiff metal, having an arched transversely extending perch cleaning portion between the ends having indentations therein and a hook on one end whereby to suspend the device on a bird cage with mite attracting material contained in the arched portion.

2,439,874

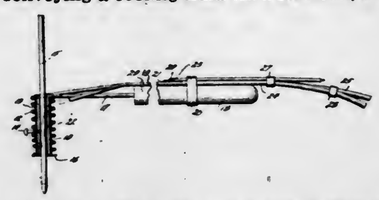
CARBON HOLDER

Menno R. Suter, Harrisonburg, Va.

Application March 12, 1946, Serial No. 653,827

4 Claims. (Cl. 219—8)

1. In a light weight carbon stick holder for manual use, an elongated wooden handle, a sleeve spaced from and supported by the handle, a metal coil helically wound about the sleeve and having its two ends secured to the wooden handle, means for conveying a cooling fluid thru said coil, a carbon stick extending thru the sleeve, a washer at the lower end of the sleeve of greater diameter than the sleeve, and a wire electrically connecting the coil with the stick thru said washer.



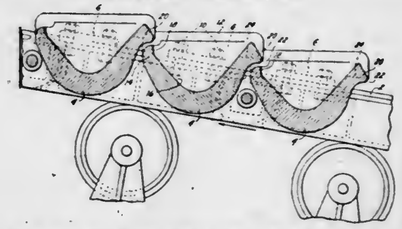
2,439,875

PIG MOLD

George E. Steudel, Chicago, Ill., assignor to Carnegie-Illinois Steel Corporation, a corporation of New Jersey

Application January 30, 1947, Serial No. 725,180

1 Claim. (Cl. 22—62)



In a pig molding machine comprising an endless conveyor adapted to carry a plurality of pig molds in overlapping relationship, the combination with said conveyor of an open pig mold comprising a flat bottom, sloping end walls, sloping side walls, a retaining wall extending above the side wall on the underlapping side, said retaining wall being arranged with respect to the horizontal plane passing through the bottom of the retaining wall in such a manner that the retaining wall makes an angle of from 45° to 90° to the portion of said plane that passes over the mold cavity, an overlapping lip on the overlapping side, and an overflow notch extending through the overlapping lip, the bottom of said notch being at substantially the same elevation as the bottom of the retaining wall.

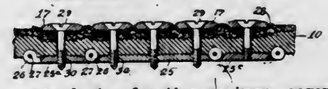
2,439,876

TIRE REPAIR DEVICE

Nichols Stevens, Chicago, Ill.

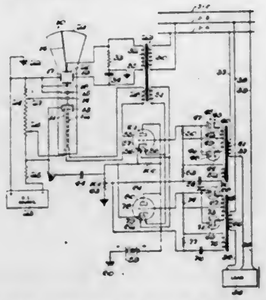
Application February 13, 1945, Serial No. 577,712

3 Claims. (Cl. 152—369)



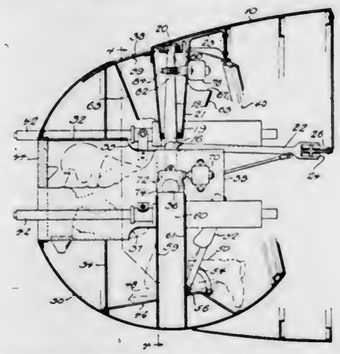
1. A repair device for tire casings, comprising a plurality of outer clamp bars, some extending at right angles to others, and all being hingedly connected together, each having a threaded screw hole therein, inner washers, one for each clamp bar, and screws adapted to extend through said washers and through a tire casing disposed between said outer clamp bars and washers, and threaded in said clamp bars.

2,439,877
CATHODE-RAY PHASE INDICATOR
Alfred A. Stuart, Jr., Hasbrouck Heights, N. J., assignor to Bendix Aviation Corporation, New York, N. Y., a corporation of Delaware
Application October 6, 1943, Serial No. 505,242
4 Claims. (Cl. 172—245)



2. In phase responsive apparatus, a source of reference alternating current, means for deriving a harmonic of said reference source current, a rotating indicating element revolving in synchronism with and in predetermined relation to said harmonic, a second source of alternating current, means for deriving pulses from said second source, and means responsive to said pulses for controlling the radius of rotation of said element.

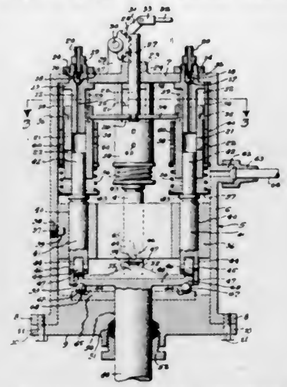
2,439,878
GUNNER'S TURRET FOR AIRCRAFT
Julius G. Villepigue, Inglewood, Calif., assignor to North American Aviation, Inc., Inglewood, Calif., a corporation of Delaware
Application February 21, 1944, Serial No. 523,230
8 Claims. (Cl. 89—37.5)



1. Aircraft turret construction comprising an outer wall of parti-spherical shape, a tubular inner wall disposed within said outer wall and adapted to receive the upper portion of a gunner's body, means for supporting said outer wall for oscillation in the azimuth and in elevation and a window in said outer wall in registering with one end of said tubular inner wall.

2,439,879
MULTICYLINDER FUEL INJECTION PUMP
Ivis James Allen, Ypsilanti, Mich.
Application December 2, 1944, Serial No. 566,267
14 Claims. (Cl. 103—37)

1. A pump structure, comprising a housing, a fixed plunger carried by said housing and having a discharge port, a cylinder reciprocably and guidably mounted on said fixed plunger and having an intake port, a reciprocating plunger mounted in said cylinder in opposed relation to said fixed plunger to form a pump chamber therein, and a

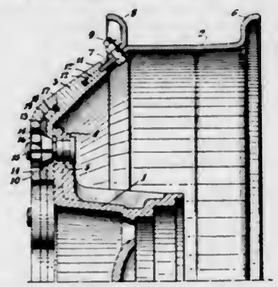


control member operatively connected to said cylinder to move said cylinder and intake port to various positions of adjustment whereby to vary the volumetric discharge through said discharge port.

2,439,880
TUNGSTEN-MOLYBDENUM TRIOXIDE CATALYST
Herrick R. Arnold, New Castle County, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application October 13, 1942, Serial No. 461,896
2 Claims. (Cl. 252—232)

1. An oxidation catalyst composition consisting of an intimate mixture of the trioxides of tungsten and molybdenum in which the mole ratios of the trioxides varies from 10:1 to 1:10, said catalyst being porous and granular in nature and of bright orange-yellow color.

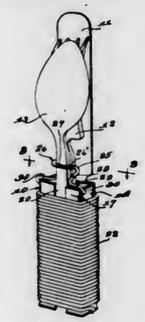
2,439,881
WHEEL
Charles S. Ash, Milford, Mich.
Application June 8, 1944, Serial No. 539,244
3 Claims. (Cl. 301—65)



1. A composite vehicle wheel structure including a dished, annular web element having a frusto-conical radially outer portion and a substantially plane radially inner portion normal to the axis of the wheel having apertures therein to receive hub mounting bolts, said radially outer

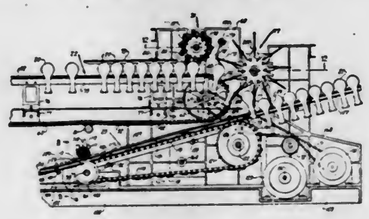
portion being formed of a casting of relatively soft, light weight material and said radially inner portion being formed of a relatively harder and heavier material, said inner portion having a radially outer extension curved into conformation with said radially outer frusto-conical portion and embedded therein.

2,439,882
KNIFE, FORK, AND SPOON SET
Raymond R. Beddow, Toledo, Ohio
Application April 1, 1946, Serial No. 658,832
6 Claims. (Cl. 30—147)



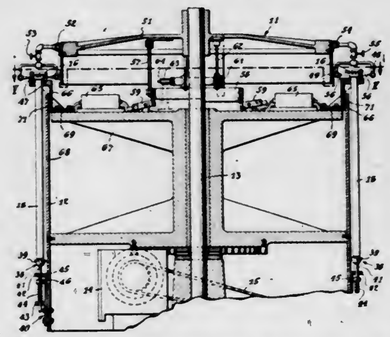
1. A holder for forks and spoons having tapered handles comprising an elongate tube having open ends and adapted to be attached to the handle of a table knife and receive a nested fork and spoon, and means on said tube adapted to fit the narrow portions of the fork and spoon handles and to wedge against the wider portions of such handles upon their relative shifting movement with the tube.

2,439,883
ARTICLE TRAYING MACHINE
Carl A. Brown, Chardon, Ohio, and Frank B. Van Sickle, deceased, late of Cleveland Heights, Ohio, by Doris M. Van Sickle, administratrix, Cleveland Heights, Ohio, assignors to General Electric Company, a corporation of New York
Application February 22, 1943, Serial No. 476,780
9 Claims. (Cl. 226—14)



1. In apparatus of the class described for feeding articles such as lamp bulbs comprising means for guiding a row of the bulbs along a course of movement in a suspended neck-down position, placement means for directing movement of individual bulbs along the guiding means comprising a rotatable wheel having a plurality of radially extending fingers pivotally mounted thereon, means for turning said wheel to cause the fingers to be carried between succeeding bulbs in the guiding means and to control the movements and position of the bulbs, and means for changing the radial relationship of the fingers in the wheel upon delivery of the bulbs from the guiding means.

2,439,884
METHOD AND MACHINE FOR BASING AND SEASONING FLUORESCENT LAMPS
John M. Campbell, Fairmont, W. Va., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application February 7, 1946, Serial No. 646,146
14 Claims. (Cl. 316—13)

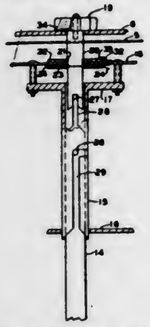


14. A machine for finishing fluorescent lamps comprising a series of chucks mounted for revolution about an axis, a series of resilient supports below said chucks and movable therewith for holding lamps with their based ends received within said chucks, means for causing said chucks to revolve about said axis, means for directing gas fires on some of said chucks to cause received bases to be cemented to associated lamps, means for cooling another group of said chucks and based lamp ends received therein, and means for simultaneously passing seasoning current through the lamps being cooled, said means comprising mercury switches, one in each chuck circuit, and means for operating said switches upon revolution of said chucks, whereby a seasoning current is directed through each lamp only when its chuck is being cooled.

2,439,885
LUMINAIRE
William G. Darley, Cleveland Heights, Ohio, assignor to General Electric Company, a corporation of New York
Application April 27, 1945, Serial No. 590,617
4 Claims. (Cl. 248—319)

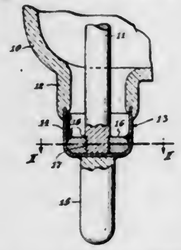
1. A luminaire comprising in combination, a mounting plate attachable to a ceiling member, a lamp accommodating fixture mounted beneath said plate, extensible counterbalancing means connecting said plate and said fixture for supporting the latter in a raised position suitable for illumination and in a lowered position suitable for servicing, and separable contacts for connecting said fixture to an electric power source in its raised position and for disconnecting said fixture from the power source when the fixture is moved from its raised position, and a catch releasable from below said fixture, mounted on said fixture and engageable with said mounting plate for locking said fixture in its raised position, said catch being rotatable and having surfaces partly helicoidal and partly planar in shape

to draw up and retain the fixture in its raised position and having also a vertically disposed stem, and a tubular guide mounted in alignment with and below said stem to guide a key into engagement with the stem, said guide having an index-



ing slot extending first vertically and then horizontally for engaging said key as it is moved upward and then rotated to first engage and then move the catch from its locked to its unlocked position whereby the fixture may be lowered by moving the key downwardly.

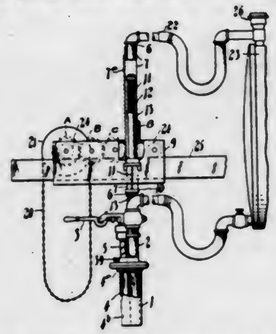
2,439,886
LEAD-IN CONSTRUCTION
Robert Denmark, New York, N. Y., and Carson H. McWhirter, East Orange, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application August 17, 1945, Serial No. 611,146
3 Claims. (Cl. 250—27.5)



1. A lead-in construction comprising a cup portion having an outer cylindrical wall with an open end and having a transverse flat wall remote from said open end, an attaching member secured in said cup portion and centered by said cylindrical wall and coaxially aligned by engagement against said flat wall, and a post carried by and projecting coaxially from said attaching member and projecting from the said open end of the cylindrical wall.

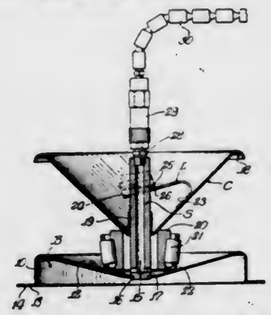
2,439,887
FILLING APPARATUS FOR VOLATILE LIQUIDS WITH VAPOR RETURN CONDUIT
Peter M. Elliott, Toronto, Ontario, Canada, assignor to Oil Distribution Appliances Limited, Toronto, Ontario, Canada
Application November 29, 1943, Serial No. 512,181
4 Claims. (Cl. 222—118)

1. Filling apparatus for filling tank waggons and the like from a tank comprising a liquid conduit for carrying liquid from the tank, a liquid discharge nozzle connected to the liquid conduit, a fume tube forming part of said nozzle for carrying off fumes, a vertical pipe communicating with the fume tube, said vertical pipe forming a tower or column where liquid tends to separate from the gases and run back to the nozzle; and



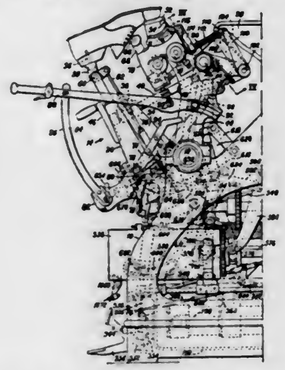
means for raising and lowering the nozzle including a support, gear means on said support, a sleeve slidable on said vertical pipe, a spring surrounding said pipe and engaging the lower end of the sleeve and the nozzle, and a rack on said sleeve engaging said gear means.

2,439,888
BEARING PACKER
Charles W. Ginter, Bryan, Ohio, assignor to The Aro Equipment Corporation, Bryan, Ohio, a corporation of Ohio
Application November 22, 1943, Serial No. 511,305
3 Claims. (Cl. 184—1)



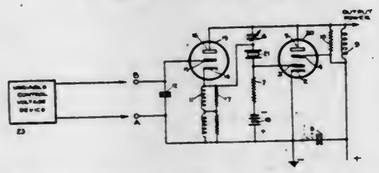
1. A lubricating device for bearing assemblies comprising a bearing supporting member including a dished base member and a central and vertically disposed stem mounted rigidly with respect to said base member, a conical bearing closure member slidably mounted on said stem for engaging the upper end of the bearing assembly to grip it on said base member during the lubricating operation, said conical member being adapted to seal the central opening of the bearing assembly against discharge of lubricant therefrom, and clamp means engaging said stem and interposed between it and said closure member for retaining the closure member in position against the force of the lubricant entering the bearing, said clamp means comprising a member having a hole slightly larger than said stem and means constraining said last named member to tilt from a position at right angles to said support.

2,439,889
LEVELING MACHINE
Fred V. Hart and Fred L. Mooney, Lynn, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application December 5, 1945, Serial No. 632,932
46 Claims. (Cl. 12—34)



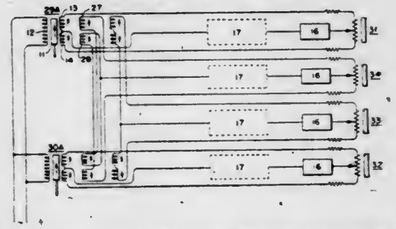
44. In a leveling machine, a leveling tool, a shoe support comprising heel and toe supports, said toe support being adjustable about an axis extending laterally of the shoe and located substantially at the toe-engaging surface of the support, means for swinging said shoe support into cooperative relation to the leveling tool, and means operative in response to said swinging movement for locking the toe support in the proper position of adjustment.

2,439,890
OSCILLATOR CONTROL CIRCUIT
Donald L. Hings, Ottawa, Ontario, Canada
Application May 3, 1944, Serial No. 533,861
In Canada April 24, 1944
9 Claims. (Cl. 250—36)



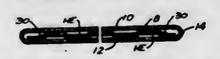
1. A radio frequency system comprising an oscillator circuit including at least an oscillator tube, said oscillator tube having at least a cathode, a plate and a control element, said cathode being connected to a point of reference potential, impedance means connected between said plate and said point of reference potential, a crystal and a capacitor connected in series between the plate and the control element for controlling the oscillations of the oscillator tube, said capacitor having a first terminal connected to said plate and a second terminal connected to said crystal, a control tube having at least a cathode, a plate and a control element, means including impedance means for connecting the cathode of the control tube to said point of reference potential, first circuit means for connecting the plate of the control tube to the first terminal of the capacitor, second circuit means for connecting the cathode of the control tube to the second terminal of the capacitor, and variable voltage means for varying the bias of the control element of the control tube and thereby governing the oscillations of the oscillator tube.

2,439,891
MEASURING AND CONTROLLING SYSTEM
Anthony J. Hornfeck, Cleveland Heights, Ohio, assignor to Bailey Meter Company, a corporation of Delaware
Original application October 18, 1943, Serial No. 506,633, now abandoned. Divided and this application December 23, 1944, Serial No. 569,479
10 Claims. (Cl. 177—351)



8. A telemetric measuring system including, in combination, a plurality of transmitters each having a primary winding and a plurality of secondary windings inductively energized from said primary winding, each having a magnetic core piece coupling its primary winding with its secondary windings variably in dependence upon a variable, a receiver for each of the transmitters electrically connected to at least one of its secondary windings and adapted to indicate the values of the variable, and a separate receiver electrically connected to a separate winding of each transmitter and adapted to indicate a mathematical relation of the individual values of the variables.

2,439,892
HEATING BLANKET OR THE LIKE AND METHOD OF FABRICATING SAME
Alfred J. Huck, St. Louis, Mo., assignor, by mesne assignments, to Knapp-Monarch Company, St. Louis, Mo., a corporation of Delaware
Application August 29, 1944, Serial No. 551,729
4 Claims. (Cl. 219—46)

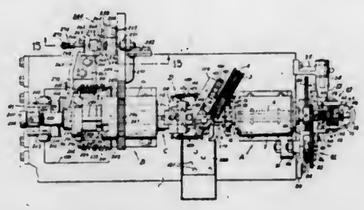


1. A method of supporting a heating element on a backing sheet comprising the steps of folding the backing sheet in a corrugated manner, piercing the folded backing sheet at substantially equally spaced points substantially half way between the folded edges thereof, passing the heating element zig-zag through the piercings and in close coupled relation to the folded backing sheet, extending the bends of the heating element to a further coupled position relative to the folded backing sheet, and straightening the backing sheet to a substantial flat position.

2,439,893
FILAMENT COILING APPARATUS
Fred B. Iden, Cleveland Heights, Ohio, assignor to General Electric Company, a corporation of New York
Application August 1, 1945, Serial No. 608,115
25 Claims. (Cl. 153—67)

1. In filament coiling apparatus of the type comprising a mandrel on which the filament wire

is coiled, filament wire gripper means adapted to hold an end of the filament wire adjacent and across the mandrel and rotatable as a unit with the mandrel about the mandrel axis to coil the filament wire around the mandrel, and a carriage movable longitudinally of and pivotable about the mandrel axis and carrying means for guiding



the filament wire transversely to the mandrel, the combination of cutter means mounted directly on said carriage and operable upon completion of the longitudinal movement of said carriage to sever the portion of the filament wire extending between the mandrel and the guide means for said wire.

2,439,894

BOTTLE SEAL CUTTER

Albert J. Jahn and Carl M. Jahn, Denver, Colo.

Application September 9, 1946, Serial No. 695,704
5 Claims. (Cl. 30—2)



1. A seal cutter for bottles, comprising, in combination, a substantially horseshoe shaped member of spring steel, or the like, adapted to embrace a bottle neck, a cutter wheel secured to each end of said member for rotation about an axis perpendicular to the median plane of the member, the plane of rotation of said cutter wheels being parallel with the said median plane, and a roller secured to the horseshoe shaped member substantially midway between the axes of rotation of the cutter wheels, said roller being mounted for rotation about an axis parallel with the axes of the cutter wheels.

2,439,895

TITANIUM OXIDE PIGMENT PRODUCTION

John Lewis Keats and James Howard Peterson, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application January 9, 1942, Serial No. 426,250
8 Claims. (Cl. 23—202)

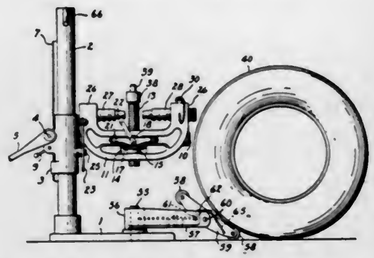
1. A process for producing an improved rutile titanium oxide pigment comprising subjecting, prior to heat treatment to develop its pigment properties anatase raw pigment titanium oxide to mechanical disintegration treatment to reduce the particle size thereof, and then calcining the disintegrated raw pigment in the presence of a titanium-oxygen compound rutile conversion promoter in order to develop essential pigmentary properties in said raw pigment and substantially convert the same to rutile.

2,439,896

TIRE REPAIR VULCANIZING APPARATUS

Herman T. Kraft, Akron, Ohio, assignor to The General Tire and Rubber Company, Akron, Ohio, a corporation of Ohio

Application September 5, 1946, Serial No. 694,850
13 Claims. (Cl. 18—18)



9. Repair vulcanizing apparatus comprising a support having a standard and a tire supporting arm projecting horizontally from the standard, a transfer table mounted adjacent the base of the standard and having a tire carrying platform comprising a pair of spaced rollers for rotatably supporting a tire in upright position, said table being movable from a tire receiving position to a transfer position in which said platform is beneath said arm and said arm projects into the center opening of the tire casing on the platform, and a jack carried by said arm for lifting a tire off said table.

2,439,897

MOTOR AND MOTOR FUEL TREATMENT

Joseph A. Ephraim Lachapelle, Los Angeles, Calif.

Application March 2, 1944, Serial No. 524,770
4 Claims. (Cl. 123—1)



1. The method of improving fuel combustion by introducing an element that is beneficial in comminuted form into the fuel mixture of an internal combustion engine, whereby to feed the said element into the chamber of combustion together with said fuel mixture, said element consisting of metallic lead in the form of a solid piece deposited in the fuel tank of the engine, thereby to be frictionally comminuted by contact with the wall of the tank through the engine vibration.

2,439,898

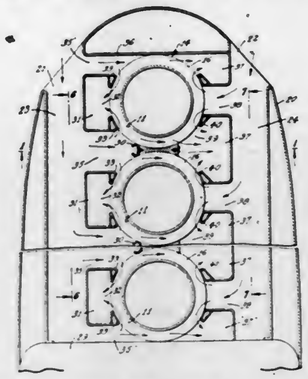
ENGINE COOLING SYSTEM

Pierre Ernest Mercier, New York, N. Y., assignor to Fairchild Engine and Airplane Corporation, Farmingdale, N. Y., a corporation of Maryland

Application January 17, 1945, Serial No. 573,273
12 Claims. (Cl. 123—171)

1. In an internal combustion engine having a row of cylinders, the combination of at least one air scoop enclosing a portion of the axial length of each cylinder and having an intake opening for receiving air under pressure, and a duct extending along each cylinder and having an opening adjacent said portion of each cylinder for receiving air under pressure from said scoop and

a discharge opening along another portion of the axial length of each cylinder for discharging air



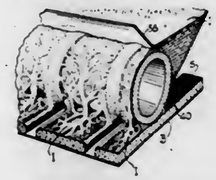
from said duct over said other portion of each cylinder.

2,439,899

METHOD AND APPARATUS FOR COATING COMESTIBLES

George C. Monaco, Douglaston Hills, N. Y.

Application January 31, 1944, Serial No. 520,570
17 Claims. (Cl. 107—54)



1. A method of coating a comestible with an applicator having a viscous, fluid, edible coating material adhered to a surface thereof, comprising moving the comestible along a predetermined path of travel, moving said applicator so as to cause the surface carrying coating material to approach the comestible and deposit material on a surface thereof, then to depress the surface of the comestible with a layer of coating material between said applicator surface and said comestible surface and finally to leave the comestible in a direction having a component of travel moving in the same direction as the comestible and a component of travel moving perpendicular thereto, whereby the material is pulled out into interconnected relatively angularly disposed sheets which are attenuated until they snap and the portions thereof which fall back against the comestible form prominent interconnected relatively angularly disposed ridges on the surface of the comestible.

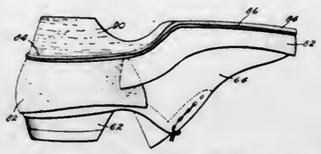
2,439,900

METHOD OF MAKING PLATFORM SHOES

Everett E. Murphy, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey

Application July 9, 1945, Serial No. 603,920
20 Claims. (Cl. 12—142)

1. That improvement in methods of making platform shoes which consists in providing a platform sole of relatively thick yielding material, assembling the sole on a last with a shoe upper, securing the upper in lasted relation to the platform sole, thereby conforming the upper to the shape of the last, attaching a platform wrapper of thin flexible material to the upper substantially opposite the edge face of the platform sole with the upper portion of the platform wrapper free from



the upper, trimming the upper substantially flush with the outer surface of the platform sole, wrapping the free portion of the platform wrapper downwardly and inwardly over the outer surface of the platform sole and securing it to said surface, and attaching an outsole to the inturned portion of the platform wrapper.

2,439,901

METHOD FOR PRODUCING COLORED PHOTOGRAPHS

Henry T. Neumann, New York, N. Y.

No Drawing. Application December 27, 1941, Serial No. 424,574
1 Claim. (Cl. 95—2)

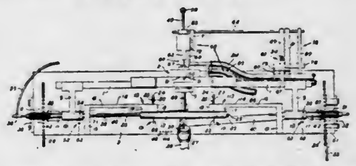
A method of producing a colored photograph of a multichromatic picture in a single-layered emulsion having photosensitive particles distributed throughout, comprising successively forming registered latent images of different monochromatic components of said picture in said emulsion by successively casting on one side thereof beams of light modulated by different color components of said picture and, prior to forming each latent image, subsequent to the first latent image, color developing the preceding latent image by dye-coupling, disturbing the capacity of the coupled dye to unite with chemicals subsequently used for forming other coupled dyes without affecting any previously actinically affected photosensitive particles, and offsetting the decreased photosensitivity of said photosensitive particles resulting from such disturbance, said disturbance and offsetting of the decreased photosensitivity being effected by treating the emulsion in a bath including hexamethylenetetramine, phthallic anhydride and a halide.

2,439,902

GLASS TUBE BENDING APPARATUS

Edward B. Noel, Cleveland Heights, Ohio, assignor to General Electric Company, a corporation of New York

Application March 30, 1946, Serial No. 658,398
12 Claims. (Cl. 49—7)



12. Glass tube bending apparatus comprising a support member, a pair of spaced aligned holders mounted on said support member and arranged to grip and hold a glass tube in axial alignment therewith, at least one of said holders

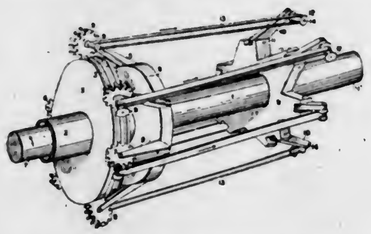
being pivotable on said support member about an axis extending transversely of and offset to one side of the glass tube in the holders and located between the said holders, heating means arranged to heat and soften a zone of the tube adjacent the pivot axis of the said one holder, a forming pin normally located in a position removed from the glass tube in said holders, and control means for simultaneously rendering the heating means inoperative and moving the said pin to a position contiguous to and extending across the tube on the same side thereof as the pivot axis of the said one holder, the said one holder being arranged to be swung about its pivot axis in a direction to bend the tube around the said pin.

2,439,903

THREAD ADVANCING, STORAGE, AND STRETCHING REEL

Richard A. O'Connell, Jr., Berkeley, Calif., assignor to United States of America as represented by the Secretary of Agriculture

Application December 6, 1946, Serial No. 714,597
5 Claims. (Cl. 28—71.6)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



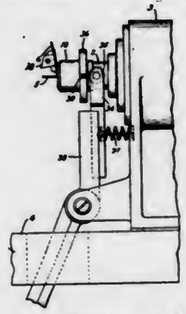
1. A thread-storage, thread-advancing device comprising a rotary shaft, a number of endless driven belts mounted longitudinally to the shaft, and rotating with said shaft, and providing a plurality of longitudinally extending circumferentially spaced strands moving longitudinally in unison and constituting the thread-supporting surface, a support mounted to rotate with the shaft, said support carrying a number of worm gears whose axes of rotation are transverse to that of the shaft, a worm wheel the axis of which is that of the shaft, said worm wheel meshing with said worm gears, whereby upon rotating said shaft, support, and worm gears about the axis of said shaft, the worm gears are caused to rotate about their individual axes, each of said worm gears having means for mounting and driving an end of one of said belts, a second support mounted to rotate with said shaft and carrying means for rotatably supporting the other ends of said belts and in which the second support is adjustable longitudinally of said shaft, and in which the said means carried by the second support comprises, for each belt, an arm pivoted at one end upon the second support, and having, adjacent the other end of the arm, means for supporting an end of a belt, whereby upon adjusting the second support longitudinally of the said shaft the arms pivot in unison to adjust the angle between the belts and the shaft, and having means for adjusting the second support longitudinally of said shaft, said means comprising a bracket rotatably supported on a screw mounted on one end of the shaft, one end of said bracket being operatively connected to the second support to adjust the latter longitudinally as aforesaid.

2,439,904

FILAMENT COILING APPARATUS

Julius Petersen, Cleveland Heights, Ohio, assignor to General Electric Company, a corporation of New York

Application August 1, 1945, Serial No. 608,257
11 Claims. (Cl. 153—67)



1. A filament wire gripper for filament coiling apparatus comprising inner and outer sleeve members slidable relative to one another, a mandrel guide pin fitting within the hollow interior of and rotatively interlocked with the inner sleeve member, said pin having an axially extending mandrel guide opening and having its outer end located outwardly beyond the outer end of the inner sleeve member and formed as an annular jaw face surrounding said opening, said outer sleeve member being provided at its outer end with an inturned annular flange having an annular jaw face overlying and opposed to the jaw face of said pin, and resilient means acting on one of said sleeve members to resiliently urge the opposed jaw faces together.

2,439,905

PROCESS OF PURIFYING LACTONES

Frank D. Pickel, Bogota, and Louis T. Rosenberg, Ridgefield Park, N. J., assignors to Nopco Chemical Company, Harrison, N. J., a corporation of New Jersey

No Drawing. Application May 5, 1943, Serial No. 485,758
6 Claims. (Cl. 260—344)

1. A process for separating dimethyl propylene glycol from racemic α-hydroxy-β,β-dimethyl-γ-butyrolactone, which comprises treating a mixture thereof with an aqueous alkali metal agent to convert the lactone to an alkali metal water-soluble salt of α-γ-dihydroxy-β,β-dimethyl butyric acid, adding a monohydric alcohol containing 3 to 4 carbon atoms to precipitate the butyric acid salt and removing said salt from the dimethyl propylene glycol.

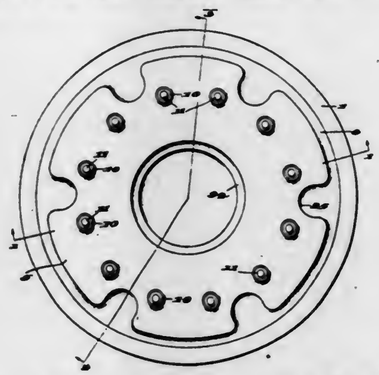
2,439,906

WHEEL SPRINGING ELEMENT

Emil H. Piron, New York, N. Y., assignor to Transit Research Corporation, New York, N. Y., a corporation of New York

Application March 29, 1943, Serial No. 480,998
6 Claims. (Cl. 295—11)

4. As an article of manufacture, a springing element for a resilient wheel composed of three side by side metallic discs each having a central opening therethrough, the outer discs having identical inside and outside diameters and the inner disc having a larger outside and a smaller inside diameter, and a mass of rubber-like material separating the inner plate from each of the two outer plates, the inside and outside diameter of both masses of rubber-like material being equal to the inside and outside diameters respectively of the outer metallic discs, one outside



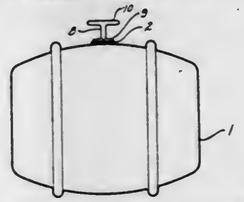
disc and the inside disc each being scalloped at their outer peripheries, the remaining disc having a circular outside periphery and being pierced inwardly of its outer periphery at points opposite the scallops in the other two discs.

2,439,907

GRIP FOR STEEL DRUMS OR THE LIKE

Louis Poglein, Jeannette, Pa.

Application April 29, 1947, Serial No. 744,619
1 Claim. (Cl. 294—26)



A gripping member for handling empty steel drums and the like comprising a grip having a shank with spaced lugs for insertion through recesses in the stopper of the drum, which lugs when turned to be disposed beneath the flange of the stopper constitute abutments for said flange, and a pilot extending beyond the end of the shank cooperating with the inner walls of the drum stopper for maintaining proper spacing of the lugs and flange for interlocking the lifting member with the drum.

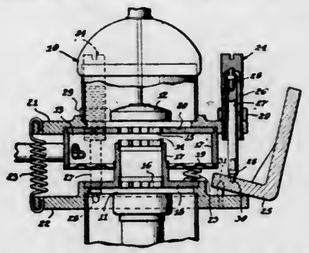
2,439,908

TUNING MEANS FOR ELECTRON DISCHARGE DEVICES

William W. Rigrod, Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania

Application September 21, 1943, Serial No. 503,189
3 Claims. (Cl. 315—5)

1. An electron discharge device having a hollow body resonator with a fixed end wall, said resonator having a movable collar as a part thereof, said collar having an end thereof within the resonator spaced from and opposing a part of the fixed wall of said resonator and forming thereby a constriction, said collar having an end external of the resonator, plates respectively carrying said external end of the collar and said fixed part of the resonator, springs coupling and tending to draw said plates together and lessen the spacing between said fixed part of the resonator and the collar, and struts secured to one of said plates opposing the spring action and



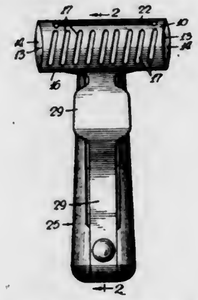
keeping said fixed part and collar spaced, said struts having greater coefficient of expansion than said collar and automatically compensating for expansion of the collar due to heat in use and thereby maintaining the said spacing between said fixed part and the collar substantially constant under varying heat conditions encountered in use of the device.

2,439,909

SAFETY RAZOR BLADE

Henry Ruskin, Chicago, Ill., assignor of one-half to George E. Hale, Chicago, Ill.

Application December 12, 1945, Serial No. 634,505
6 Claims. (Cl. 30—346)



1. A razor blade comprising an element of sheet material provided with a slot therein, at least one edge of the slot being attenuated to define a cutting edge, the opposite edge being suitably spaced therefrom to serve as a safety guard therefor, said element being curved to present a cylindrically convex outer surface, said slot being arranged with its axis lying in a plane obliquely intersecting the cylinder axis.

2,439,910

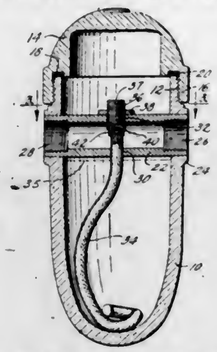
AIR-LINE OILER

Russell D. Snyder, Bryan, Ohio, assignor to The Aro Equipment Corporation, Bryan, Ohio, a corporation of Ohio

Application May 11, 1943, Serial No. 486,598
5 Claims. (Cl. 184—55)

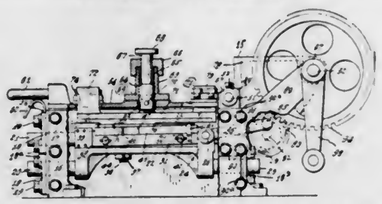
2. An air line oiler of the character described comprising a casing, a removable cover therefor, said casing being formed of transparent plastic material, a conduit through said casing and hav-

ing its ends molded in opposite walls thereof, said conduit having an opening in the lower side thereof and a threaded opening in the upper side thereof opposite said opening, an adjusting screw



threaded in said threaded opening, a wick immersed in the oil in the casing and extending upwardly through said opening, and means for attaching the upper end of said wick to the lower end of said adjusting screw.

2,439,911
SPACEBAND CLEANING MACHINE
Samuel Sofnas, Indianapolis, Ind.
Application April 2, 1945, Serial No. 586,246
11 Claims. (Cl. 51—157)



1. A machine for cleaning space bands comprising a carriage, two laterally-spaced posts upstanding from said carriage and engageable with the shoulders of a standard space band, a finger upstanding from said carriage near said posts and intermediate the positions of said posts, a second finger on said carriage aligned with said first-named finger and longitudinally spaced therefrom, and independent means for securing said fingers in position on said carriage, said fingers being adjustable toward and away from each other and being respectively engageable in notches at opposite ends of such space bands, a presser element formed to provide a plane surface adapted to assume a position in cooperative relation to said carriage and in contact with the exposed face of such space band, means resiliently urging such surface into such contact, and means for reciprocating said carriage to rub said exposed space band face against said surface.

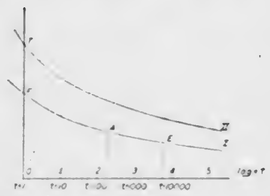
2,439,912
MECHANICAL SHOVELING MACHINE
Charles E. Stoltz, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application March 22, 1946, Serial No. 656,228
10 Claims. (Cl. 214—90)

1. A scoop adapted to be operated by power to pick up loose material from the ground and discharge it onto a conveyor of a loading machine by swinging movement about a transverse axis and having a pair of parallel spaced side walls, a bottom plate having a forward digging edge extending in advance of said side walls and adapted to engage and pick up loose material from the ground, and an endless conveyor independent of said loading machine conveyor and



mounted between and within the limits of said side walls and forming a rear wall portion of said scoop, said conveyor being spaced from the axis of swinging movement of said scoop and extending at an obtuse angle with respect to said bottom plate and being operable upon upward movement of said scoop to a discharge position, to discharge material beyond the rear end thereof.

2,439,913
METHOD OF TREATING COILED TUNGSTEN FILAMENTS
Johannes Antonius Maria van Liempt, Eindhoven, Netherlands, assignor to General Electric Company, a corporation of New York
Application February 26, 1943, Serial No. 477,326
In the Netherlands October 28, 1941
4 Claims. (Cl. 148—11.5)

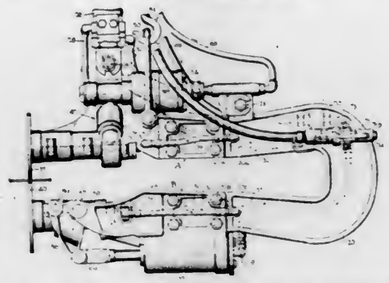


1. A method of treating a coiled tungsten filament wire which when recrystallized consists of crystals of an average size of at least one wire turn, and is thus resistant to sagging, to give the coil high vibration-endurance and high extensibility in the direction of its axis at ordinary room temperature, as contrasted with poor corresponding characteristics without this treatment; which method consists in maintaining the coiled wire at lattice-readjusting temperature until lattice-restoration has been effected before allowing the wire to reach a higher temperature that results in recrystallization.

2,439,914
FOOD ACCESSORY SUBSTANCE
Willem J. van Wagtendonk, Corvallis, Oreg., assignor to Research Corporation, New York, N. Y., a corporation of New York
No Drawing. Application March 18, 1946, Serial No. 655,377
13 Claims. (Cl. 99—22)

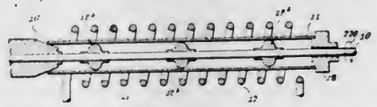
1. A method of obtaining a physiologically active substance which comprises extracting a plant of the group consisting of sugar cane and sorghum with an organic liquid solvent.

2,439,915
PORTABLE ROLLER WELDER
William A. Weightman, Philadelphia, Pa., assignor to The Budd Company, Philadelphia, Pa., a corporation of Pennsylvania
Continuation of application Serial No. 507,667, October 26, 1943. This application October 23, 1946, Serial No. 705,142
19 Claims. (Cl. 219—4)



1. A portable roller welding device comprising in combination, a rigid yoke with spaced arms, a driven welding roller mounted on a first arm of said yoke, a drive motor mounted on said first arm having a driving connection with said driven roller, a shiftable roller mounted on the second arm of said yoke, and a motor mounted on said second arm having a connection with said shiftable roller for moving it toward and from said driven roller.

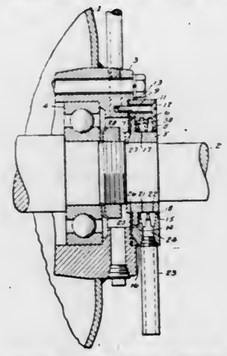
2,439,916
METHOD OF SEALING COAXIAL STRUCTURES
Leo C. Werner and Willard S. Lund, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 1, 1945, Serial No. 580,386
3 Claims. (Cl. 49—81)



1. A method of sealing coaxial structures having inner and outer members comprising applying a plurality of meltable buttons on the inner member of said structure, inserting the inner member into the outer member, rotating said members while heating the meltable buttons to a viscous flowing temperature, and engaging the buttons in flowing condition centrifugally against the outer member of the coaxial structure.

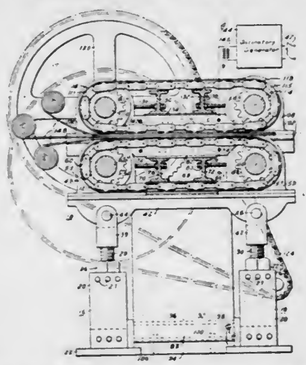
2,439,917
WATER SEAL FOR SHAFT BEARINGS
Ephraim H. Anderson, Homewood, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application July 28, 1945, Serial No. 607,643
3 Claims. (Cl. 286—5)

1. An improved water-seal for a machine having a stationary bracket and a rotatable shaft extending through said bracket, said bracket having a bracket-hub, and a shaft-supporting bearing-housing carried by said bracket-hub, said improved water-seal comprising a flinger carried by the shaft just outside of said bearing-housing, said flinger comprising a sleeve having a radially outwardly extending flinger-flange adjacent to, but spaced from, its inner end, said sleeve and said flinger-flange having cylindrical outer peripheries, an annular cap removably carried by said bracket-hub, said cap having a cylindrical groove extending back from the inner periphery of the cap at the inner end of the cap, the cylindrical bore of said groove being spaced from the



cylindrical periphery of the flinger-flange, and the radial wall of the groove being spaced from the outer side of the flinger flange, the inner periphery of said cap being a cylindrical bore having a close clearance from the outer periphery of the flinger-sleeve, said cap having one or more relatively wide grooves terminating in its inner periphery, and a drain-pipe secured to the lower side of said cap in draining communication to said relatively wide groove or grooves.

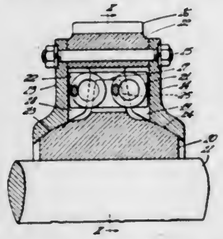
2,439,918
METHOD OF LAMINATING
Robert W. Auxier, Forest Hills, and Patrick Norelli, McKeesport, Pa., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 18, 1944, Serial No. 527,126
2 Claims. (Cl. 154—126)



1. The method of continuously molding composite stock from laminated sheets of fibrous material having a resinous binder associated therewith comprising, in combination, feeding a plurality of the sheets in laminated relation into the space between and in engagement with a pair of spaced flexible endless belts, impressing a high frequency high voltage difference of electrical

potential between and substantially throughout the inner stretches of the belts to develop an electrical field therebetween, the electrical field having a sinusoidal variation in potential lengthwise of the inner stretches of the belts, drawing the laminated sheets through the electrical field to subject the sheets in their entirety to the same sinusoidal variation in potential as they pass between the belts to effect the uniform heating of the sheets, applying a progressively increasing pressure to the sheets simultaneous with the heating thereof as the sheets pass between and throughout the engaging lengths of the belts, the heat and pressure applied effecting the consolidation of the laminated sheets into an integral body, and developing heat adjacent the endless belts external of the electrical field therebetween to limit the escape of heat from the sheets as they pass through the electrical field.

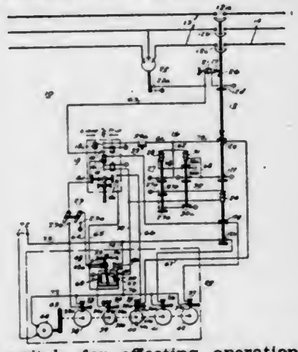
2,439,919
FLEXIBLE DRIVE
Winston A. Brecht, Forest Hills, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 3, 1945, Serial No. 580,800
5 Claims. (Cl. 64—15)



1. A gear comprising, a gear center having a plurality of radially extending lugs, a gear rim having removable side plates for retaining the rim in position, said side plates and said gear center having spherical engaging surfaces, laterally extending ears on said side plates, and spring members cooperating with said lugs and said ears to permit limited universal movement between the gear rim and the gear center.

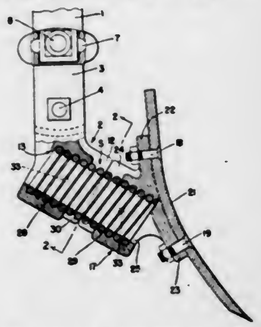
2,439,920
AUTOMATIC AND MANUAL CONTROL SYSTEM FOR CIRCUIT BREAKERS
Myron J. Brown, Forest Hills, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 15, 1943, Serial No. 514,373
13 Claims. (Cl. 175—294)

13. A control system for a circuit breaker connecting a pair of circuits comprising, reclosing means having timing means for effecting timed reclosures of the circuit breaker subsequent to opening in response to a fault condition, a manual control switch for opening and closing the circuit breaker, said control switch having auxiliary contact members closable when the switch is operated to close the circuit breaker to normally provide a reclosing circuit for the circuit breaker in conjunction with the timing means, synchronizing switch means connected in series relation with the manual control switch for preventing manual closure of the circuit breaker in response to operation of the manual control switch to close the circuit breaker unless the circuits to be connected are synchronized, a control relay operable to effect operation of the timing means, circuit means normally operating the timing means to a reset position ready for reclosing the circuit breaker when it becomes open and the auxiliary contact members of the manual control switch are operated to provide a reclosing circuit for the circuit breaker, and means responsive to operation of the manual



control switch for effecting operation of the control relay to effect operation of the timing means to a lockout position whenever the manual control switch is operated to trip the circuit breaker, whereby operation of the timing means to automatically reclose the breaker upon closure of the manual control switch while the synchronizing switch is open is prevented.

2,439,921
RESILIENTLY MOUNTED CULTIVATOR TOOL
Theophilus Brown, Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois
Application April 7, 1944, Serial No. 530,017
3 Claims. (Cl. 97—184)



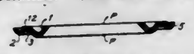
2. In an agricultural implement, a tool-supporting part having a downwardly and forwardly facing spring-receiving socket at the lower end of said part, a tool carrying part having an upwardly facing spring-receiving socket, a spring member disposed in a downwardly and forwardly extending line and fixed at its rear end in the spring receiving socket of said supporting part and fixed at its forward end in the spring receiving socket in said tool-carrying part, said spring being disposed in a downwardly and forwardly extending line and having considerable initial resistance against buckling, and a tool fixed to said tool-carrying part and having a point positioned substantially in line with said spring forwardly and downwardly thereof.

2,439,922
NAIL BRUSH
Joseph J. Chappell, Lockland, and Marianne R. Osborne, Cincinnati, Ohio
Application December 15, 1944, Serial No. 568,284
1 Claim. (Cl. 15—167)



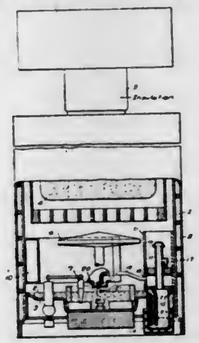
In a nail brush a base portion in which a narrow row of bristles is mounted lengthwise thereof, said base portion having a narrow groove formed therein at one side thereof, at least, alongside of the inner ends of the bristles and facing in the direction of the bristles, the outer edge of the groove being the edge of the base, for the purpose described, said groove having its inner wall beginning at the approximate level of the inner exposed ends of the bristles, and its outer wall terminating at a somewhat lower level.

2,439,923
GASKET
Earl K. Clark, Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 21, 1943, Serial No. 507,124
4 Claims. (Cl. 288—23)



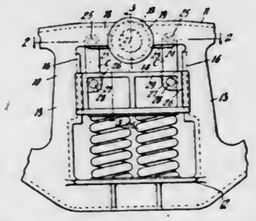
1. In a gasket adapted for association with a device having a pair of flat members slidably disposed in facing relation within a cylindrical member, a flexible ring-like body comprising inner and outer concentric U-shaped portions joined by an annular flattened portion, said inner U-shaped portion being of greater depth than that of said outer U-shaped portion, and adhesive means for securing said intermediate annular flattened portion of the gasket to one of said flat members whereby upon assembly of said elements said U-shaped portions of the gasket are free for expansion, said outer U-shaped portion being expandible into sealing relationship with all three of said members.

2,439,924
SEALED IGNITRON
August P. Colaiaco, Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 8, 1947, Serial No. 733,395
3 Claims. (Cl. 250—27.5)



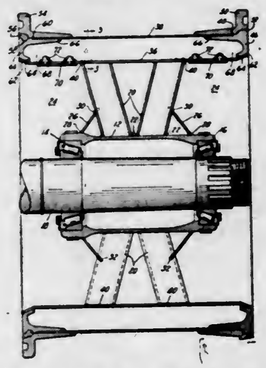
1. In a vapor-electric device having a substantially sealed container, a diffusion pump in said container, means exterior of said container for activating said pump, a normally sealed compartment in said container, an exhaust connection from said pump to said compartment and a reverse flow seal in said connection.

2,439,925
SNUBBING MEANS
George E. Dath, Mokena, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware
Application July 20, 1944, Serial No. 545,772
3 Claims. (Cl. 105—197)



1. In a railway car truck, the combination with a side frame having a hollow boss thereon provided with an interior friction surface; of a vertically movable bolster; a cluster of truck springs supporting said bolster; a rotary friction disc rotatably mounted within said boss and engaging said friction surface; a spring pressing said disc against the friction surface of the side frame; and means actuated by relative vertical movement of the bolster and side frame for rotating said disc.

2,439,926
WHEEL
Frederick C. Frank, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application August 17, 1944, Serial No. 549,856
10 Claims. (Cl. 301—73)



7. A wheel comprising a hub, a plurality of pairs of spokes spaced circumferentially about said hub, each spoke being inclined with respect to the vertical in such a way that the outer ends of each pair of spokes are spaced farther apart than their inner ends, a plurality of horizontal beams, each supported on a pair of the spokes, the outer end of each spoke being secured to one of the beams and the inner end of each spoke being secured to the hub, a rim supported on and

secured to said beams, and an annular reinforcing member at each side of the wheel secured at its outer edge to the respective side of the rim and at its inner edge to the horizontal beams.

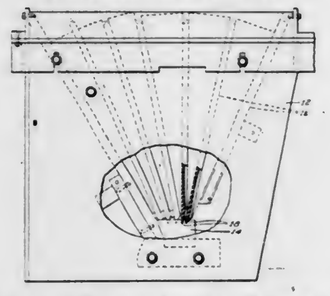
2,439,927
METHOD OF COOLING TOOLS
Walter O. Haas, Jr., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application June 22, 1945, Serial No. 601,081
2 Claims. (Cl. 252—71)

1. A method of cooling a tool used in cutting artificial water-soluble crystals of ammonium dihydrogen phosphate, comprising contacting the tool with a cooling fluid consisting of an aqueous solution of diammonium hydrogen phosphate and ammonium dihydrogen phosphate in approximately the following proportions: water, one gallon; diammonium hydrogen phosphate, approximately 3.2 pounds; and ammonium dihydrogen phosphate, approximately five to six pounds, sufficient to provide a solution which is saturated with ammonium dihydrogen phosphate at a temperature of approximately 5° F. below that at which the solution will be used.

2,439,928
PRODUCTION OF DERIVATIVES OF DIHYDROPYRAN
Peter A. Hawkins, Widnes, and Nicholas Bennett, Ditton, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application November 7, 1944, Serial No. 562,404. In Great Britain November 19, 1943
4 Claims. (Cl. 260—333)

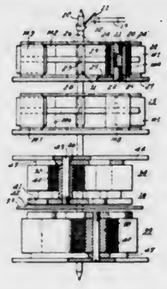
4. A process for the production of bis-(3-chlorotetrahydropyran) - 2 - ether which comprises mixing 2-hydroxy-3-chloroterahydropyran with approximately an equivalent amount of 3-chloro-5,6-dihydropyran, saturating the resulting mixture at atmospheric temperature with gaseous hydrogen chloride, and subsequently isolating the resulting bis-(3-chlorotetrahydropyran)-2-ether from the reaction product.

2,439,929
ELECTRICAL INSULATION
Charles F. Hill, Edgewood, and Robert W. Auxier, Forest Hills, Pa., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application June 17, 1942, Serial No. 447,464
9 Claims. (Cl. 200—149)



9. A circuit interrupter comprising a pair of contact members adapted to form an arc, a plurality of arc splitters of plate form disposed adjacent the contact members and means for driving an arc formed between the contact members against edges of the arc splitters for extinguishing the arc, the arc splitters composed of thermosetting melamine aldehyde resin and asbestos fibers distributed therein, the whole cured under heat and pressure into a unitary molded structure.

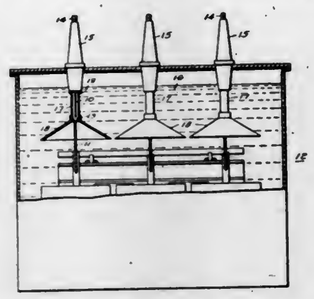
2,439,930
DIFFERENTIAL RELAY AND RESTRAINT MAGNET THEREFOR
Bert V. Hoard, Portland, Oreg., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 10, 1942, Serial No. 461,577
24 Claims. (Cl. 175—294)



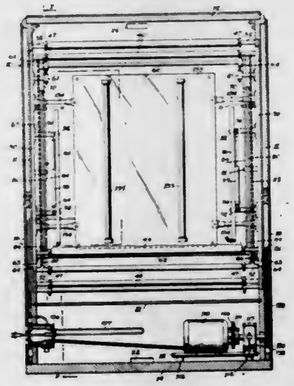
1. An electromagnet-structure comprising a magnetizable core-member, an energizing-coil means surrounding the core-member, a flat pole-piece at each end of the core-member, each flat pole-piece having a tapered end extending out away from one side of the core-member, a movable armature comprising a flat rectangular piece of magnetic material disposed between the two tapered ends of the two pole-pieces and separated therefrom by airgaps, said rectangular armature-piece being substantially parallel to the core and to the coil-means, and means for movably supporting said armature piece to move toward and away from said core and said coil-means between the tapered ends of the pole-pieces, whereby the tapering of said pole-piece ends causes the magnetic flux to draw the armature-piece toward said core and said coil-means.

2,439,931
PROTECTIVE FUSE FOR ELECTRICAL APPARATUS IMMERSED IN A DIELECTRIC LIQUID
John K. Hodnette, Sharon, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 29, 1944, Serial No. 520,222
3 Claims. (Cl. 175—294)

1. In a protective device for electrical apparatus provided for a conductor wound into a coil and a liquid dielectric in which the coil is immersed, in combination, a fusible conductor having predetermined fusing characteristics connected in circuit relation with the coil to be protected and immersed in the liquid dielectric, a tubular member disposed around the fusible conductor, the tubular member having an opening therein near the upper end to provide for the escape of gas at a predetermined rate and a hood depending from the bottom of the tubular member, the hood being disposed above the coil to collect gases evolved as a result of arcing conditions in the coil and to deliver them to the tubular member to displace the liquid dielectric and envelop the fusible conductor in a gaseous atmosphere when gases are evolved faster than they escape through the opening thereby to change the conditions under which the fusible conductor will fuse and interrupt the circuit through the electrical apparatus.

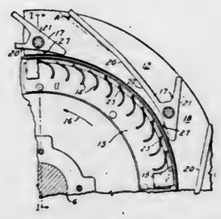


2,439,932
CHANGEABLE EXHIBITOR HAVING A SERIES OF ROLLERS WITH WEBS
Job Hutchinson, Great Neck, N. Y.
Application February 10, 1944, Serial No. 521,832
10 Claims. (Cl. 40—84)



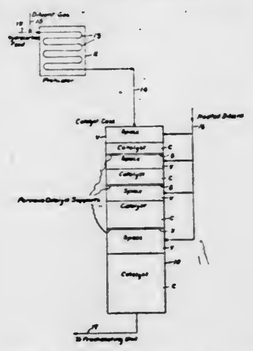
1. In a sign display apparatus of the type having sign units which travel periodically along a continuous guideway, each unit having a sign member which may be unrolled while the unit is stationary and rerolled during travel and the sign member of each unit having one end attached to a second unit in advance of it, the combination of pick-up means to move the units successively one at a time, holding and releasing means to engage each unit as it is presented thereto to hold it while a second unit is being advanced by said pick-up means to unroll the sign member of the held unit and to enable the sign member of the advancing unit to be rerolled, and back-check means connected with the holding and releasing means actuated by the movement of the advancing unit causing the operation of the holding and releasing means to release the held unit so that it may be advanced in due order.

2,439,933
CENTRIFUGAL BLOWER
Charles F. Jenkins, Laughlintown, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application July 28, 1943, Serial No. 496,404
4 Claims. (Cl. 230—127)



1. An exhauster-type blower comprising the combination of a rotatable centrifugal fan and a scroll-housing surrounding the fan, characterized by said fan comprising a substantially radially disposed, rotatable annular plate and a plurality of circumferentially spaced, substantially rectangularly shaped, formerly curved blades secured thereto in a ring-formation, the inner discharge-surface of each fan-blade, immediately before the exit-point, being inclined forwardly, in the direction of rotation, at an inclination-angle with respect to the radial direction, the exit-area between adjacent blades, measured at right angles to said inner discharge-surface, immediately before the exit-point, being related to the tangential area between the blades, measured at right angles to the radius at the mid-point of said exit-area, in approximately the same ratio as the cosine of said inclination-angle within approximately plus or minus 20%, so as to produce a smooth air-flow which substantially fills the entire space between successive blades, at all times.

2,439,934
METHOD OF PRODUCING AROMATIC HYDROCARBONS
Paul H. Johnson, Bartlesville, Okla., and Robert R. Parker, Borger, Tex., assignors to Phillips Petroleum Company, a corporation of Delaware
Application October 30, 1944, Serial No. 561,118
3 Claims. (Cl. 260—673.5)



1. A process for converting a paraffin hydrocarbon material boiling in the gasoline range to aromatic hydrocarbons, which comprises heating such a material to a temperature in the range of

1000 to 1200° F. and maintaining same within this temperature range in an endothermic conversion zone and in the absence of any catalyst for a time of 0.05 to 1 second, passing the resulting material containing olefins so produced into contact with a mass of solid granular catalyst which promotes exothermic aromatization and polymerization reactions for a reaction time of 0.5 to 2 seconds to effect an exothermic hydrocarbon reaction, passing hydrocarbons effluent from said catalyst mass through a second endothermic conversion zone in the absence of a catalyst for a reaction time of 0.05 to 1 second, passing the resulting material containing olefins so produced into contact with a second mass of solid granular catalyst which promotes exothermic aromatization and polymerization reactions for a reaction time of 0.5 to 2 seconds to effect an exothermic hydrocarbon reaction, each of said endothermic reactions being carried out without addition of heat from an outside source, and recovering from effluents of the last said zone an aromatic hydrocarbon material boiling in the gasoline range so produced.

2,439,935

INDIUM ELECTROPLATING

Thomas R. Jones, Woodbridge, and Nevin R. Bierly, Avenel, N. J., assignors to The American Metal Company, Limited, New York, N. Y., a corporation of New York

No Drawing. Application March 15, 1944, Serial No. 526,652
6 Claims. (Cl. 204—45)

6. A process for electrodepositing indium which comprises, electrolyzing an aqueous solution of perchloric acid with electrodes including a substantially pure indium anode until an electrolyte consisting of indium perchlorate in water with some free acid is formed, adjusting the indium content thereof to about 20 to about 60 grams per liter and free perchloric acid content to about 1 to about 75 grams per liter, employing a substantially pure indium metal as anode and a bearing as cathode in said electrolyte, and electrodepositing indium on the bearing surface of said bearing, adjusting the current density to about 10 to about 55 amperes per square foot, voltage to about 0.6 to about 2.5, and the temperature of electrolyte to about 75° F. to about 130° F.

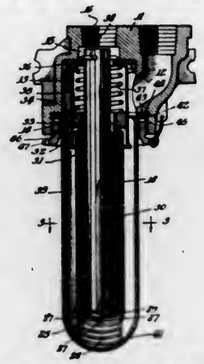
2,439,936

FILTER BY-PASS VALVE CONSTRUCTION

Walter Kasten, Franklin, Mich., assignor, by mesne assignments, to Bendix Aviation Corporation (Delaware), Detroit, Mich., a corporation of Delaware

Application August 23, 1944, Serial No. 550,842
1 Claim. (Cl. 210—183)

In a filter of known type having a housing with an inlet and outlet, a hollow filter-element in said housing operative between said inlet and outlet and with its interior connected to said outlet, and a hollow barrier enclosing at least a part of the length of said filter-element and spaced therefrom and having an apertured end-wall through which the filter-element discharges its filtered fluid into said outlet, the novel improvement of a normally-closed bypass for said filter-element including a spring-closed valve having a valve-seat member and a valve-member both of which are outside of, and apertured in register with, said filter-element, one of said members being mounted on the discharge end of said filter-element and communicating with its interior, the other cooperating member being inside of, slidable in, and guided by, said barrier and subjected to the pressure of the unfiltered fluid in said housing, the spring of said valve being located in said



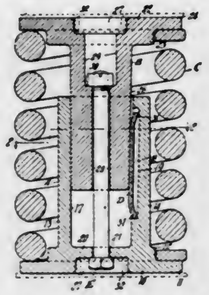
barrier and acting on said cooperating member to maintain the valve normally closed.

2,439,937

FRICTION SHOCK ABSORBING MECHANISM

Joseph J. Krob, Chicago, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware

Application August 28, 1944, Serial No. 551,482
6 Claims. (Cl. 267—9)



1. In a friction shock absorbing mechanism, the combination with a friction casing having two longitudinally extending, laterally outwardly converging, interior friction surfaces, and a longitudinally extending wall opposed to said converging surfaces; of a friction post telescoped within the casing and having lengthwise extending, flat friction surfaces at one side thereof slidingly engaging said casing surfaces; a spring seat in said wall of the casing; a plate spring in said seat pressing against the post to force the same against the friction surfaces of the casing; and spring means yieldingly opposing lengthwise relative movement of the post and casing toward each other.

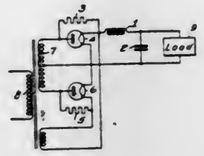
2,439,938

RECTIFIER SYSTEM

Reuben Lee, Catonsville, and Charles K. Hooper, Shipley Heights, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania

Application February 9, 1943, Serial No. 475,270
4 Claims. (Cl. 175—363)

1. In combination, a source of alternating voltage, a pair of half-wave rectifiers having similar terminals connected respectively to the end terminals of said source, the other terminals of said rectifiers being connected together to a direct-current load circuit through an inductor, a capac-



itor shunted across said load circuit on the load side of said inductor, and a pair of resistors respectively connected in shunt to the terminals of said rectifiers, each said resistor having a value approximately equal to

$$37.6fL-\frac{0.239}{fC}$$

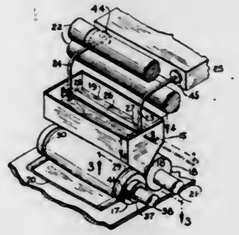
where f is the frequency of said source, L is the inductance in henrys of said inductor, C is the capacitance in farads of said capacitor.

2,439,939

SYSTEM OF FORMING SHEET MATERIAL

I. Lawrence Lesavoy, Allentown, Pa.

Application July 3, 1945, Serial No. 603,043
4 Claims. (Cl. 18—1)



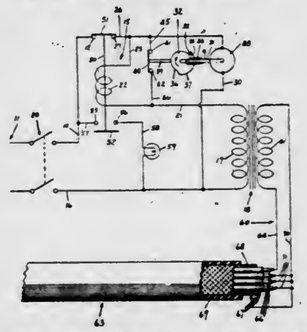
3. In an apparatus for rolling a continuous sheet of plastic material with an extruded bead of predetermined undercut cross-section superimposed thereon, a pair of coacting rollers, a hopper thereabove for containing the material to be rolled, said hopper having an outlet in feeding relation to said rollers, means to feed to the rollers an extruded rod shaped to conform to the undercut bead, said means including a guide bar disposed within and extending across the hopper and containing an aperture shaped to substantially conform with the cross-section of said extruded rod and proportioned to slidably receive the rod, the rollers being shaped to operatively accommodate therebetween the rod and said sheet in contiguous relation, one of the said rollers containing a circumferential groove adapted to receive the said extruded rod with the undercut portion radially outwardly disposed with respect to the grooved roller, whereby such portion will be brought into operative contact with the sheet adjacent the other roller, and heating means at least on one roller and positioned adjacent the regions of contact of said sheet and rod while passing through the rollers whereby the rod will be fused to the sheet.

2,439,940

ELECTRICAL INSULATION TESTING APPARATUS

Clay E. Lewis, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application June 2, 1944, Serial No. 538,401
3 Claims. (Cl. 175—183)



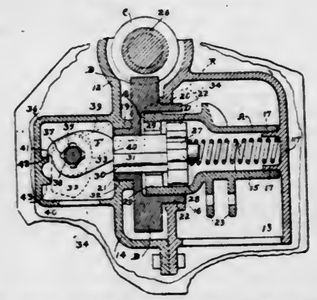
1. An apparatus for testing the insulation on an insulated conductor forming part of an electric cable, which comprises a transformer having an insulated conductor to be tested connected in the secondary circuit thereof, means for energizing the primary side of said transformer to impress a high potential across its secondary side and across the insulation of a conductor connected thereto to break down any faults in the insulation of said conductor, manually operable means for controlling the energization of the transformer, current responsive means connected in series with the primary side of the transformer to automatically deenergize said transformer when an increased current flows therein due to a breakdown in the insulation of the conductor connected thereto, and means including a timing device energized simultaneously with the transformer for shunting the current responsive means for a predetermined period of time thereby preventing the operation of the current responsive means by transient magnetizing inrush currents occurring upon the energization of the transformer.

2,439,941

HAND BRAKE

Harvey J. Lounsbury, Glen Ellyn, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware

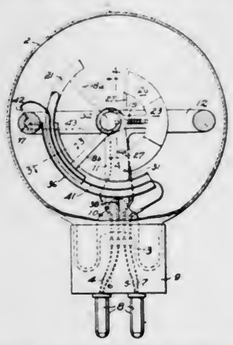
Application May 11, 1946, Serial No. 669,070
1 Claim. (Cl. 74—505)



In a hand brake mechanism, the combination with a chain winding drum rotatable about a hori-

zontal axis; of a worm wheel rotatable about a horizontal axis and axially aligned with said drum; a horizontally disposed sliding clutch member coaxial with said worm wheel and rotatable in unison with the latter, said drum and clutch member having cooperating locking portions; spring means yieldingly holding said clutch member engaged; a worm member meshing with the worm wheel; a housing enclosing said drum, worm wheel and worm; a hand wheel operatively connected to the worm member for rotating the latter; a cam within the housing supported for rotation about a horizontal axis, said cam having a curved edge face engageable with said clutch member to slide the same out of operative engagement with the drum, and a flat locking edge face adjacent said curved edge face engageable with said clutch to lock the latter in disengaged position; a lever fixed to the cam for actuating the same, said lever being swingable from pendant to raised position to rotate the cam and disengage said clutch member, said flat face, when engaged with the clutch member, holding said lever in raised position; a projecting stop lip on said cam diametrically opposite to said flat locking face; and a fixed stop on the housing in the path of movement of said lip for limiting the throw of said cam and lever in clutch disengaging direction.

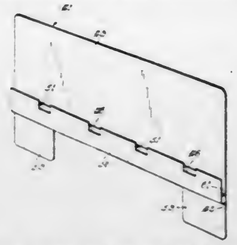
2,439,942
MOVABLE ELECTRODE TUBE
William C. Marshall, Oakland, Calif.
Application November 20, 1944, Serial No. 564,302
9 Claims. (Cl. 250—27.5)



1. An electron discharge device comprising a chassis, a grid frame pivoted in the chassis, a grid mounted on the grid frame in an arc centered at the axis of the grid frame pivot, and an anode and a cathode supported on the chassis and lying at the side of the grid in arcs centered at the axis of the grid frame pivot.

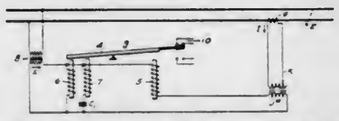
2,439,943
CARD HANDLING DEVICE
Alfred M. Martin, Park Ridge, Ill.
Application August 7, 1943, Serial No. 497,834
6 Claims. (Cl. 129—16.7)

2. In a card handling device, the combination of a panel, a rib along the lower edge of the panel providing an upwardly facing ledge thereon, a series of leaf springs secured to the outer face of the rib and having their free ends projecting thereabove into proximity with the panel, the springs being spaced along the panel longitudinally and having their said free ends turned inwardly and then outwardly, a coaming secured to the outer face of said rib and over the lower ends of the springs, said coaming being slotted at intervals longitudinally opposite the upper end of each spring to permit the upper ends of the springs to play therein, said coaming providing a



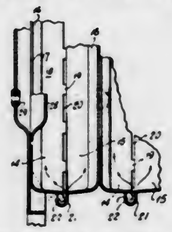
guard for the free edges of said spring upper ends, wherein the springs have rivets passing therethrough and through the rib and panel and the coaming is recessed on its inner face to let the rivets thereinto.

2,439,944
REACTANCE TYPE RELAY
Arthur C. Mehring, East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application February 9, 1945, Serial No. 576,973
2 Claims. (Cl. 175—294)



2. A differential-type reactance-relay, having an operating-coil flux-producing means, a restraint-coil flux-producing means, a reactance-means, means for exciting said reactance-means in response to the line-current, means for producing a relaying-voltage in response to the line-voltage, exciting means for exciting said operating-coil flux-producing means with both said relaying-voltage and the voltage-drop across said reactance-means, and exciting means for exciting said restraint-coil flux-producing means with said relaying-voltage alone, the voltage-responses of the operating-coil and restraint-coil flux-producing means being substantially equal, when there is no current applied to said reactance-means.

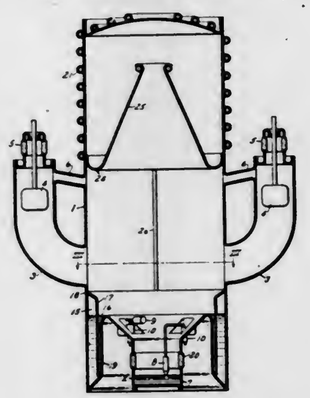
2,439,945
ELECTRICALLY HEATED SPACE RADIATOR
Henry J. Morton, Detroit, Mich.
Application January 17, 1946, Serial No. 641,688
9 Claims. (Cl. 219—38)



1. A sheet metal radiator comprising a plurality of hollow, relatively flat sections, means

for securing said sections in assembled relation; said sections each including two similarly shaped parts of opposite hand secured together along their edges and provided along their entire periphery with a series of air ports, a guard-shield on one of said parts co-extensive in outline therewith and extending over the edge of the other of said parts in spaced relation to the air ports between said parts for the full periphery of said one part, and heating means extending through said sections.

2,439,946
VAPOR-ELECTRIC DEVICE
William E. Pakala, Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 8, 1947, Serial No. 733,394
11 Claims. (Cl. 250—27.5)



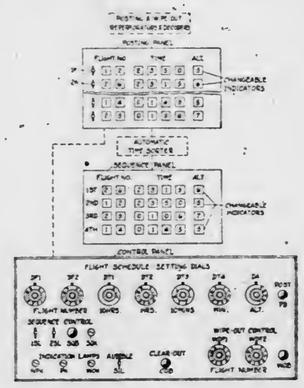
1. A vapor-electric device comprising a sealed substantially evacuated container, the bottom of said container being reentrant to provide a channel adjacent the walls of the chamber, a flange secured to the wall of the chamber in gastight relation and extending into said channel, a quantity of mercury in said channel providing a sealed compartment under said flange, a mercury pool cathode covering at least a portion of said bottom, means for collecting mercury above said compartment and a fall tube extending from said mercury collecting means into said compartment.

2,439,947
SOLDERLESS CONNECTOR FOR ATTACHMENT TO ELECTRICAL CONDUCTORS
Peter A. Pontius, East Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application May 27, 1943, Serial No. 488,635
5 Claims. (Cl. 173—269)



4. An electrical connector comprising, an eyelet portion, a contact tongue formed integrally with the eyelet portion, a sleeve disposed on the contact tongue, the longitudinal axis of said contact tongue being disposed at an angle to the longitudinal axis of the connector, a finger formed integrally with the eyelet portion, the longitudinal axis of said finger being disposed substantially at a right angle to said contact tongue, and an additional finger formed integrally with the eyelet portion, said additional finger having a portion disposed substantially parallel to the first-named finger and an extension disposed substantially at a right angle to the longitudinal axis of the connector.

2,439,948
AIRWAY TRAFFIC CONTROL SYSTEM
Neil D. Preston and Forest B. Hitchcock, Rochester, N. Y., assignors to General Railway Signal Company, Rochester, N. Y.
Application October 11, 1945, Serial No. 621,778
31 Claims. (Cl. 177—353)

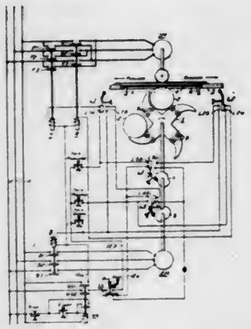


25. In a flight schedule organization, a posting panel having a plurality of groups of changeable indicators for displaying different scheduled times, means for causing the posting of a series of time schedules in successive groups of changeable indicators regardless of the times such schedules represent, sorting means manually initiated for comparing the time schedules already posted in said posting panel for identifying said schedules in a chronological order determined by the times they represent, and means governed by said sorting means for reposting said schedules in the identified order.

2,439,949
CONTROL FOR BARREL STENCILLING MACHINES
John E. Roblee, Pittsburgh, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application September 24, 1946, Serial No. 698,971
5 Claims. (Cl. 318—35)

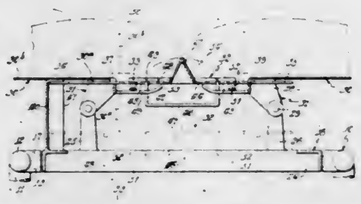
1. A control system for a pair of motors comprising, in combination, means for supplying electrical energy to said motors, a pair of relays for reversibly connecting one of said motors to said means for supplying electrical energy, a third relay for connecting the other of said motors to said means for supplying electrical energy, a reciprocating member driven by said one motor, and operable to each of two extremes of posi-

tion, a rotatable member, constructed and arranged for intermittent rotation through a predetermined angle and driven by said other motor, first and second switches having normal positions and actuated positions, each of said switches being disposed for actuation by said reciprocating member, one at each extreme of movement thereof, third and fourth switches each having two positions of operation, one a normal position and one an actuated position, means for operating said third and fourth switches so that one is in its normal position when the other is in its actuated position for each intermittent movement of said rotatable member through said predetermined angle, circuit means connecting one of said pair of relays in circuit relation with said



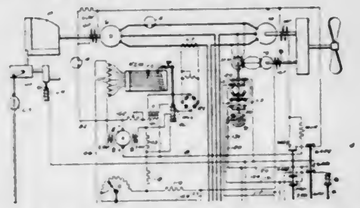
first and third limit switches to effect energization of said one relay when said first and third switches are in normal positions, circuit means connecting the other of said pair of relays in circuit relation with said second and fourth switches to effect energization of said other of said pair of relays when said second and fourth switches are in normal positions, circuit means connecting said third relay in circuit relation with said first and fourth switches to effect energization thereof when said first and fourth switches are in actuated positions, and circuit means connecting said second and third switches in circuit relation with said third relay to effect energization thereof when said second and third switches are in actuated positions.

2,439,950
BOOKHOLDER
George T. Rogers, Lake Forest, Ill.
Application October 27, 1944, Serial No. 560,538
12 Claims. (Cl. 45—85)



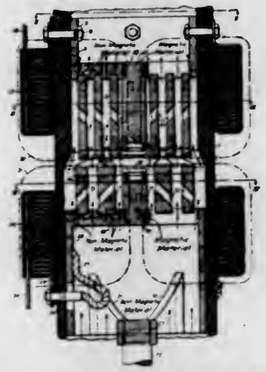
1. A book-holder comprising in combination a frame, pairs of fulcrum members supported by the frame in parallel relation, a pair of levers pivotally connected to each pair of fulcrum members respectively, each of said levers comprising a short arm and a long arm angular thereto, a stirrup supported by and between said levers, means connecting the stirrup with the levers whereby when the levers are in book opening position the stirrup will be raised and when the levers are in closed position the stirrup will be depressed and will receive the back of the book and support the entire weight of the book, and means associated with said levers and stirrup and having relative movement with respect to the stirrup for further elevating intermediate portions of the back of the book when the stirrup is raised, said means comprising a pair of hangers depending from said stirrup, a chine member carried by said hangers for up and down movement thereon, a lifter arm carried by each lever and engageable with said chine member to raise the chine member in the elevated position of the stirrup, said chine member also having lateral movement with respect to said stirrup to accommodate varying positions of the book back.

2,439,951
ALTERNATING CURRENT GENERATOR FED MOTOR CONTROL SYSTEM
Walter Schaelchlin, Pittsburgh, Pa., and Herman H. Curry, Morristown, N. J.; said Schaelchlin assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 21, 1945, Serial No. 589,632
4 Claims. (Cl. 318—148)



1. In a ship propulsion system having a turbine, an alternating current generator driven by the turbine having conventional armature and field windings, a synchronous motor having conventional damper windings, alternating current primary windings and field windings, the combination of, a speed control lever in the pilot house, a follow-up lever in the engine room, electric synchronizing means for causing the follow-up lever in the engine room to follow the movements of the pilot house control lever, a pilot motor controlled by the follow-up lever, a starting sequence control drum for the synchronous motor coupled to be driven by the pilot motor, means responsive to a predetermined operation of the drum to increase the speed of the generator and to connect the synchronous motor to the generator to effect automatic acceleration of the synchronous motor as an induction motor, means responsive to a selected slip speed of the synchronous motor for automatically decreasing the generator speed and means responsive to the motor load current for increasing the generator excitation, and means responsive to a selected position of the pole pieces of the synchronous motor to the rotating flux in the motor for automatically exciting the field windings of the synchronous motor so as to synchronize the synchronous motor with maximum pull-in torque, and means operable upon synchronization of the synchronous motor for effecting movement of the starting sequence control drum to the speed position selected by the pilot house lever.

2,439,952
CIRCUIT INTERRUPTER
Albert P. Strom, Forest Hills, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application August 31, 1944, Serial No. 552,064
8 Claims. (Cl. 200—147)



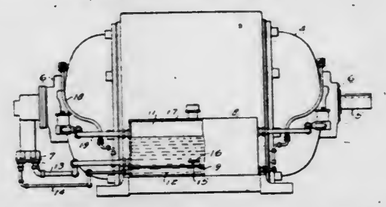
1. In a circuit interrupter of the fluid blast type, a fluid exhaust electrode including a plurality of spaced annular arc terminal members all at one potential and having a fluid exhaust passage therebetween, a fluid entrance electrode including a plurality of spaced annular arc terminal members all at one potential and having a fluid entrance passage therebetween, said annular arc terminal members of the two electrodes having their larger surfaces and the passages therebetween extending in substantially the same direction and having their edge portions facing each other at all times, and said edge portions providing an arc gap between the two electrodes during interruption of the circuit, means for establishing an arc which plays in the gap between the facing edges of the spaced annular arc terminal members, magnetic means for rotating the arc around the arc gap between the edges of the spaced annular arc terminal members of the two electrodes, and means for causing a flow of fluid which flows without major change of direction while flowing through the spaces between the annular members of the entrance electrode, longitudinally of the arc across the arc gap and through the spaces between the annular members of the exhaust electrode.

2,439,953
LOW-LOSS THERMOSETTING RESINS
Jack Swiss and Newton C. Foster, McKeesport, Pa., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application March 21, 1944, Serial No. 527,483
9 Claims. (Cl. 154—43)

5. A laminated member comprising, in combination, a plurality of sheets of fibrous material and a binder for the sheets of fibrous material consisting of the resinous reaction product of from 75 to 95 parts by weight of a vinyl aryl compound selected from the group consisting of styrene, alpha methyl styrene, and monohalide and monoalkyl nuclear substituted styrene and from 25 to 5 parts by weight of the soluble ester reaction product of an unsaturated alpha-beta ethylenic dicarboxylic acidic compound selected from the group consisting of maleic anhydride, maleic acid, fumaric acid, citraconic acid and citraconic anhydride, with castor oil, and not more than 50 parts by weight of a plasticizer in the resinous product to provide for predetermined toughness.

9. A composition of matter consisting of the resinous reaction product of from 75 to 95 parts by weight of a vinyl aryl compound from the group consisting of styrene, alpha methyl styrene and monohalide and monoalkyl nuclear substituted styrene, and from 5 to 25 parts by weight of the soluble ester reaction product of castor oil and an unsaturated alpha-beta dicarboxylic acidic compound selected from the group consisting of maleic anhydride, maleic acid, citraconic acid, citraconic anhydride and fumaric acid.

2,439,954
LUBRICATION
John V. Tercho, Turtle Creek, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 3, 1945, Serial No. 586,289
8 Claims. (Cl. 184—6)

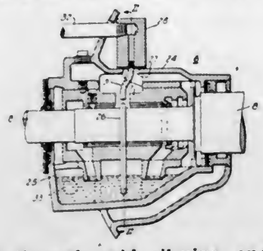


1. A flood-lubricating means for a lubricated device having an approximately horizontal rotating shaft, a bearing for supporting the shaft at each end of the lubricated device, and a shaft-driven oil-pump at one end of the device, said flood-lubricating means comprising an oil-tank centrally disposed alongside of said lubricated device, said oil-tank having a partition dividing the same into an oil-reservoir and a pressure-oil chamber, an oil-line to the pump from the oil-reservoir, an oil-line from the pump to the pressure-oil chamber, the device including means providing a pressure-relieving oil-passageway for discharging some of the oil pumped by said pump, two oil-lines of approximately identical oil-pressure characteristics from the pressure-oil chamber to the respective bearings for flood-lubricating the same, and an oil-line from each bearing to the oil-reservoir for draining oil from each bearing.

2,439,955
OIL-RING AND FLOOD-LUBRICATED BEARING
John V. Tercho, Turtle Creek, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 3, 1945, Serial No. 586,290
2 Claims. (Cl. 308—128)

1. A combination oil-ring bearing and flood-lubrication bearing, comprising a sleeve-bearing for journalling an approximately horizontal rotating shaft, said sleeve-bearing having a housing having an oil-chamber in its lower portion and having a slot in its upper portion, an oil-ring for lifting oil from the oil-chamber to the top of the journal, the slot being so shaped and dimensioned that the oil-ring may be inserted and removed therethrough, a removable slot-cover having a downwardly depending oil-

pipe extending into close juxtaposition to the top of the oil-ring, an oil-supply coupling-means for



feeding oil through said oil-pipe, and an oil-overflow drain-line from said oil-chamber.

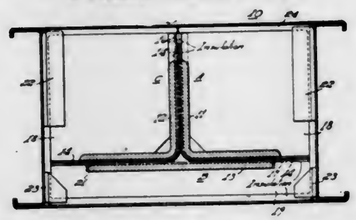
2,439,956

BUS-BAR STRUCTURE

Charles F. Wagner, Swissvale, and Lawrence L. Fountain, Wilkinsburg, Pa., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania

Application July 7, 1944, Serial No. 543,936

5 Claims. (Cl. 174—99)



1. A multi-phase bus structure comprising, a pair of right angle bars and a flat bar disposed in a T formation, insulating means disposed between said bars, a substantially rectangular housing enclosing said bars, substantially rectangular insulating blocks slidably disposed in said housing and directly engaging said bars to support and retain them in position, said insulating blocks being detached from said bars, and means on the inside walls of the housing for retaining said blocks in position.

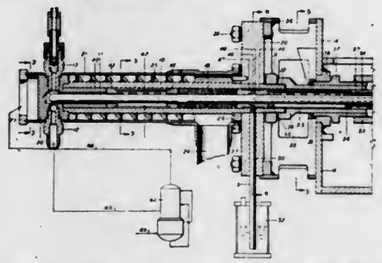
2,439,957

PUMP FOR LIQUEFIED GASES

Carl R. Anderson, Detroit, Mich., assignor to Air Products Incorporated, Detroit, Mich., a corporation of Michigan

Application October 21, 1943, Serial No. 507,091

50 Claims. (Cl. 103—1)



1. In a pump for highly volatile liquids comprising intake and discharge valves, a cylinder and a plunger reciprocating therein, the diameter of said plunger being materially less than the internal diameter of said cylinder, and packing surrounding said plunger within said cylinder; a working barrel fixed in said cylinder adjacent said valves; means for widely spacing said packing from said working barrel to provide a longitudinally extended annular open space between said plunger and said cylinder; means for restricting the flow of liquid between said working barrel and said annular space, and means for refrigerating at least the portion of said cylinder surrounding said annular space.

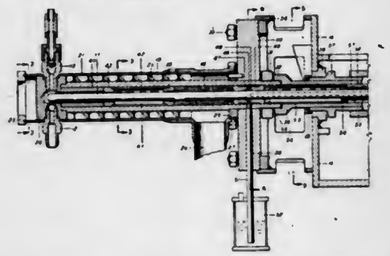
2,439,958

PUMP FOR LIQUEFIED GASES

Carl R. Anderson, Chattanooga, Tenn., assignor to Air Products Incorporated, Chattanooga, Tenn., a corporation of Michigan

Original application October 21, 1943, Serial No. 507,091. Divided and this application August 10, 1944, Serial No. 548,846

11 Claims. (Cl. 103—1)



1. In combination with a pump having a cylinder, a plunger reciprocating therein and packing surrounding said plunger within said cylinder: means for supplying said cylinder with a liquefied gas having an atmospheric pressure boiling point materially below atmospheric temperature; a lantern ring within said cylinder on the low pressure side of said packing; means communicating with said packing for converting liquid leaking through said packing to the form of an invisible gas, and means communicating with last said means for rendering a flow of said invisible gas visually evident.

2,439,959

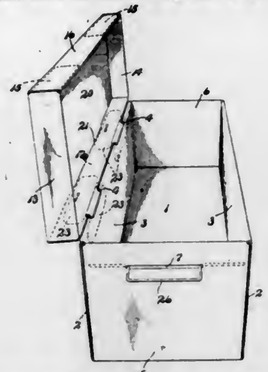
PAPER BOARD CHEST

Wilbur G. Anderson, Jr., Grand Rapids, Mich., assignor to American Box Board Company Grand Rapids, Mich., a corporation of Michigan

Application April 21, 1947, Serial No. 742,842

5 Claims. (Cl. 229—44)

1. A receptacle having a vertical side of two thicknesses of material integrally connected at their upper edges in a smooth, continuous extension from one of said thicknesses of material to the other at said edge, said side at its upper edge having spaced slots through the material at said edge, a cover member having a side of two thicknesses of material integrally connected at the lower edge of a side of the cover, with like spaced slots therein, and flat hinges of flexible material each of substantially rectangular form slotted inwardly for a distance at each end, substantially midway between the side edges thereof to provide two leaves connected by a portion of reduced length, one of said hinges being connected at each of associated slots, one in the receptacle and the other in the cover, with one of the leaves of a hinge between the two thicknesses of material of said side of the receptacle and the other



between the two thicknesses of material of said side of the cover, with the shorter length connecting portion between the leaves between said slots in the side of the receptacle and cover.

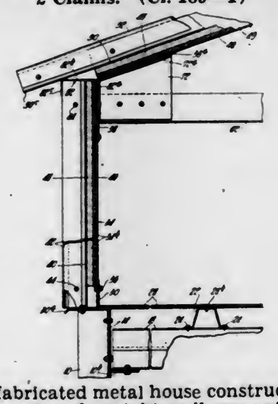
2,439,960

PREFABRICATED METAL HOUSE CONSTRUCTION

Claude I. Auten, Birmingham, Ala., assignor to Tennessee Coal, Iron and Railroad Company, Birmingham, Ala., a corporation of Alabama

Application May 3, 1943, Serial No. 485,486

2 Claims. (Cl. 189—1)



1. Prefabricated metal house construction comprising a series of upright wall supporting members consisting of sheet metal angles arranged back to back along each side and at each end of said house, a respective metal eaves member bent to an obtuse angle secured to each series of upright side members, a respective top horizontal gable end cross member consisting of a metal angle secured to each series of upright end members, the outer-most end and side upright members being secured to each other to form integrated reinforced corner posts, rafter members each consisting of sheet metal angles of the same cross-sectional size and shape as said upright wall supporting members and arranged back to back and having their lower ends resting on and secured to said eaves member, a pair of spaced parallel central longitudinally extending ridge members of sheet metal each bent to an acute angle and forming supports for the upper ends of said rafter members, the spacing between said central ridge members being adapted to accommodate a smoke pipe, cross members carrying gusset brackets at their ends having lateral flanges for attachment to said eaves members, upright struts whose tops and bottoms are respectively connected with said ridge members and said cross members, metal roof panels filling the spaces between the several rafter members and having flanges contacting the sides of said rafters, U-shaped sheet metal battens embracing and secured to said flanges of the panels and rafter members, and a central ridge plate spanning the space above said spaced ridge members.

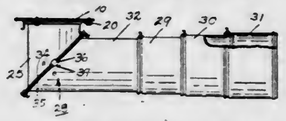
2,439,961

WAGON CHUTE

Ray Bauders, Kewanee, Ill.

Application March 29, 1946, Serial No. 658,267

4 Claims. (Cl. 193—5)



1. A chute for attachment to vehicles comprising a plurality of telescopic sections, an elbow section connected to one of said sections and to the rear of the vehicle, said elbow comprising two parts angularly adjustable with respect to each other, to thereby permit the telescopic sections to be swung to either the left or right of the vehicle, releasable securing elements coupling the two elbow parts together for changing the angular relation of the parts, a plate secured to the rear wall of the dump vehicle, a flange carried by one part of said elbow, studs extending from the plate, and rollers journalled on said studs, said flange riding on said rollers for turning thereon, whereby the entire chute may be turned on this connection when said elbow parts are locked together by said securing elements.

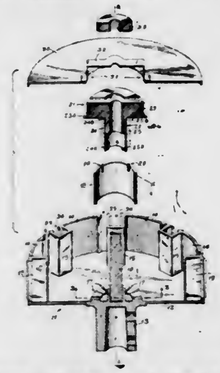
2,439,962

SANDING DRUM

Teofil L. Bonkowski, Los Angeles, Calif., assignor, by direct and mesne assignments, to Merit Products, Inc., Los Angeles, Calif., a corporation of California

Application April 24, 1945, Serial No. 590,026

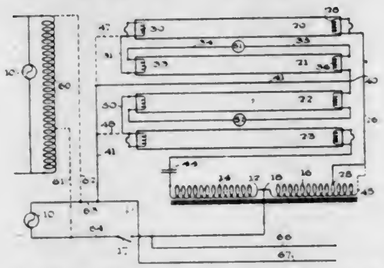
3 Claims. (Cl. 51—194)



3. In sanding apparatus of the type described, a drum member, a centrally located spindle af-

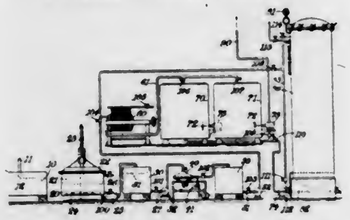
fixed to said drum member and extending therethrough, a two-part reel assembly comprising a spool member having a plurality of strips of abrasive material wound concentrically thereon and a male member journaled for rotation on said spindle, releasable locking means between said male and female member, releasable indexing means between said drum member and said male member, and said male member having a portion thereof extending outside the confines of said drum member for manual movement thereof.

2,439,963
FLUORESCENT LIGHTING SYSTEM
Charles P. Boucher and Russell W. Keiser, Atlanta, Ga., assignors to Boucher and Keiser Company, Atlanta, Ga., a partnership
Application April 25, 1944, Serial No. 532,682
10 Claims. (Cl. 315—96)



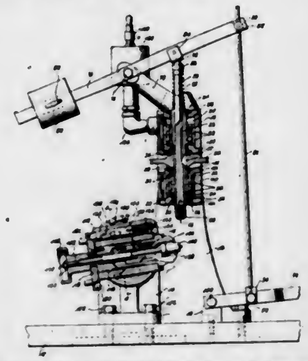
1. A fluorescent lamp system comprising in combination with a source of current having a voltage at least twice the operating potential of a lamp, of a pair of like fluorescent lamps, a reactor, and conductors associating the lamps and reactor in series with the said source, one of said lamps having its electrodes connected in said series for cold starting and the other having its electrodes connected in said series for heated cathode starting, a starting switch of the type having a closed circuit when cold connected to close the heater circuits of the second lamp whereby the first lamp starts instantly on closing the circuit, the second lamp starts when its switch opens and both lamps then operate in series.

2,439,964
EXTRACTION AND PREPARATION OF AGAR
Joseph Francis Byrne, Hove, and Philip Steward Powling, London, England
Application July 26, 1944, Serial No. 546,698
In Great Britain August 10, 1943
6 Claims. (Cl. 260—209.6)



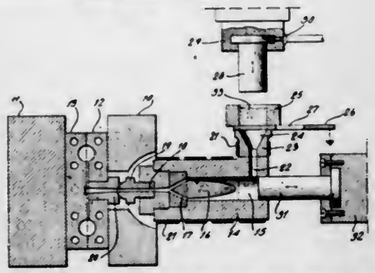
1. In the treatment of seaweed of the kind specified for the production of agar the steps of first obtaining an aqueous extract from the seaweed by boiling with a weak alkaline solution, separating the resultant liquor and thereafter treating the latter under heat and pressure in an autoclave-type apparatus in the presence of potassium hydroxide.

2,439,965
DRILL PRESS
John A. Cupler, Cumberland, Md.
Application January 9, 1943, Serial No. 471,869
2 Claims. (Cl. 77—19)



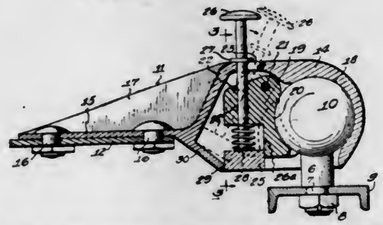
1. A drill press comprising a work support and a tool spindle, one end of said spindle carrying a chuck for reception of a tool and the other end of said spindle providing a bearing surface, a pivoted beam mounted adjacent said spindle and having an intermediate portion adapted for engagement with said bearing surface for feeding the tool towards said work support, an operating lever connected to said beam at one side of its pivot, said operating lever being pivoted so as to provide a large mechanical advantage for advancing said spindle, cam means for retracting said beam, and means for balancing said beam.

2,439,966
INJECTION MOLDING
Richard W. Dinzl, Westfield, N. J., assignor to The Watson-Stillman Co., Roselle, N. J., a corporation of New Jersey
Application June 25, 1943, Serial No. 492,212
8 Claims. (Cl. 18—30)



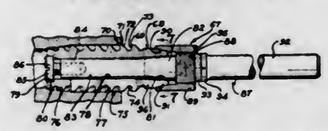
8. In apparatus for the injection molding of organic plastic material, the combination with a generator for high frequency current for heating a charge of organic plastic material and an injection cylinder electrically connected to said high frequency generator for receiving said heated charge, of a non-metallic charging cylinder for holding the charge of organic plastic material, a non-conducting plunger for pushing the charge of organic plastic material from said charging cylinder into said injection cylinder, and means on said plunger for applying high frequency electric current to the organic plastic material in said charging cylinder, said means being electrically connected to said high frequency generator.

2,439,967
TRAILER HITCH
Robert F. Dollase, Fort Atkinson, Wis.
Application June 10, 1946, Serial No. 675,615
6 Claims. (Cl. 280—33.17)



4. A trailer hitch element for engagement with a stud or the like, said element comprising a housing open at its lower side, a head pivotally mounted in the housing and cooperating therewith to retain the stud in the housing, operating means slidably extending through said head for pivotally moving the head, a latch carried by the operating means, abutment surfaces on the housing and head with the latch normally disposed therebetween for holding the head against pivotal movement, means for limiting sliding movement of said operating means and means for biasing the latch to a position between the abutment surfaces, the abutment surface on the housing forming a part of a wall thereof and said operating means being movable with the pivoted head and disposable in contact with the inner surface of said wall, said housing having an enlarged opening in the upper wall thereof through which said operating means extends for sliding movement and pivotal movement with said head.

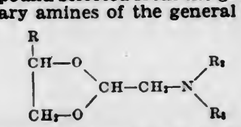
2,439,968
EXPANSIBLE REAMER
Ralph Gordon Fear, Reseda, Calif.
Application September 13, 1943, Serial No. 502,147
6 Claims. (Cl. 77—76)



1. In a cutting tool, the combination of: a tool body having a bore extending therethrough, said bore being flared at the rearward end of said tool body and said body having a slot in its rearward portion; a helical cutting edge projecting from said tool body, said cutting edge being formed at such an acute angle with the plane normal to the axis of said tool body as to cut a contacting surface with a shearing action; a mandrel disposed in said bore, said mandrel having a tapered portion extending into said flared bore; and means for securing said body in various positions upon said mandrel, whereby the diameter of said cutting edge on said rearward portion of said body is varied.

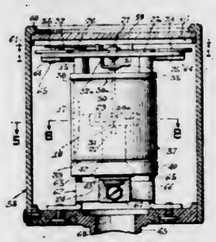
2,439,969
AMINO-DIOXACYCLOPENTANES
Ernest Fourneau, Paris, France, assignor to Societe des Usines Chimiques Rhone-Poulenc, Paris, France, a French company
No Drawing. Application May 8, 1946, Serial No. 668,314. In France April 17, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires April 17, 1964
10 Claims. (Cl. 260—338)

1. A compound selected from the group consisting of tertiary amines of the general formula:



where R represents a member selected from the class consisting of the hydrogen atom and lower alkyl, hydroxyalkyl and dialkylaminoalkyl groups and R_2 and R_3 are each a lower alkyl group, and the quaternary salts of such amines.

2,439,970
POLARIZED ARMATURE ELECTRICAL INSTRUMENT
Robert A. Fox, Glenview, Ill., assignor to Thomas A. Edison, Incorporated, West Orange, N. J., a corporation of New Jersey
Application June 14, 1944, Serial No. 540,363
9 Claims. (Cl. 171—95)

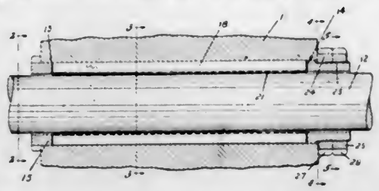


1. In an electrical instrument including a pivoted permanent magnet and means for generating a magnetic field to produce a torque influence on said magnet: the combination of a frame to which said magnet is pivoted; a surrounding sleeve of magnetic material for shielding said instrument; and means for locating said sleeve in concentric relation to the pivot axis of said magnet, comprising a conical surface on said frame concentric to said pivot axis and forming a seat for one end of said sleeve, a clamping member on said frame having a conical surface forming a seat for the other end of said sleeve, and means localizing said clamping member in concentric relation to the pivot axis of said magnet.

2,439,971
SHAFT BEARING
Walter R. Freeman, St. Louis County, Mo.
Application November 1, 1944, Serial No. 561,398
4 Claims. (Cl. 308—239)

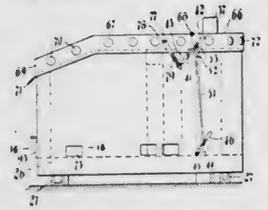
1. In a bearing for use with two relatively rotatable members having different size internal and external cylindrical surfaces, a cylindrical cage having integral ends and circumferentially spaced longitudinally extending slots with outwardly diverging side walls, said cage having an external diameter adapted to fit within the ex-

ternal cylindrical surface and an internal diameter greater than the external cylindrical surface, elongated members of rubber or like yieldable material having diverging side walls and fitting within the slots and of such a radial thick-



ness as to contact both cylindrical surfaces, and detachable means for preventing the cage from rotation with the member having the external cylindrical surface, and comprising clamping and locking nuts associated with one integral end of the cage.

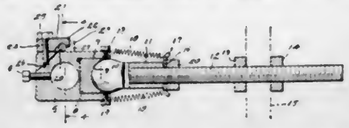
2,439,972
HOT-AIR HEATER WITH SELECTIVE INDIRECT DRAFT
Fay B. Gamblin, Smithers, British Columbia, Canada
Application October 19, 1944, Serial No. 559,394
10 Claims. (Cl. 126—67)



1. In a heating apparatus of the kind described, a firebox, a series of vertical tubes at a side thereof, said tubes closed at their ends and spaced to provide intervening passages for circulation of heated air, a smoke pipe communicating with the upper part of the end tube of the series, upper and lower horizontal ducts forming communications between the firebox and the tubes whereby products of combustion may either pass directly to the smoke pipe or downwardly through one tube and upwardly through the next, a horizontal damper in one of the upper ducts between adjacent tubes, a combined damper and deflector plate disposed in the bottom part of the end tube of the series for controlling a port provided in the bottom thereof, the combined damper and deflector plate being hingedly mounted at an edge of said port adjacent to the lower duct of the said end tube for directing the products of combustion upwardly of said port when opened, means for conducting foul air to said port, and a case encompassing said series of vertical tubes and forming a wall part of said passages for circulation of heated air, said case having inlet and outlet openings.

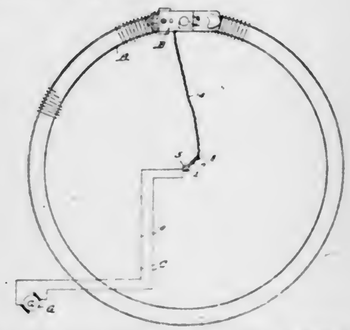
2,439,973
DOBBY KNIFE CONNECTOR
Charles A. Gunn, Alexander City, Ala.
Application November 15, 1946, Serial No. 709,921
1 Claim. (Cl. 139—66)

A dobby knife connector comprising a block having a shaft opening therethrough and formed with a socket at one end, a bearing block disposed in the socket, an elongated threaded rod, a ball head disposed into the socket and against the bearing block, said ball head being provided with a tubular internally threaded extension for receiving one end of the threaded rod, a jamb nut on the threaded rod, a washer on the rod



held against the outer end of the threaded extension by said jamb nut, said washer being provided with outstanding lugs and tension springs interposed between the block at the socket end thereof and connected to said lugs for holding the ball head disposed into the socket and snugly against said bearing block.

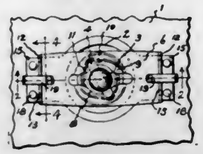
2,439,974
COMMUTATOR
Sam N. Holman, Tampa, Fla.
Application April 15, 1947, Serial No. 741,518
1 Claim. (Cl. 191—12)



A circular amusement ride electrical drive commutator, comprising a vertical insulated support centrally located within the circular amusement ride, a pair of superimposed circular metal collars secured to the vertical support and insulated from each other, wires providing an electrical circuit between a source of electricity supply and the collars, enlarged flanges formed at the lower ends of the metal collars, laterally extended metal arms having metal ring members fitted over the metal collars, and resting on the enlarged flanges, terminal posts carried at the free ends of the arms, a two-wire circuit connected to the terminal posts, whereby rotation of the wires and metal arms with the amusement ride is permitted, in the manner and for the purpose described.

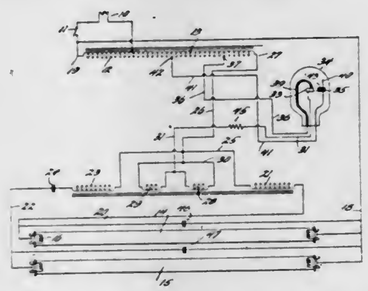
2,439,975
ROTARY TYPE SHIFTABLE FASTENER
Walter I. Jones, Belmont, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts
Continuation of application Serial No. 458,195, September 14, 1942. This application March 17, 1944, Serial No. 526,932
31 Claims. (Cl. 24—221)

1. A fastener for use in securing together an apertured support and a part to be attached thereto which is provided with a rotatably mounted stud, said fastener comprising a stud-engaging fastener member for cooperative engagement with a rotatable stud, retainer means adapted to be mounted on the support and supporting said stud-engaging fastener member, means on said retainer overlying a portion of said fastener



member whereby lateral shifting of said stud-engaging fastener member in a plurality of directions relative to the aperture of said support may be effected, and support-engaging means on said retainer disposed intermediate the means which overlie portions of the fastener member.

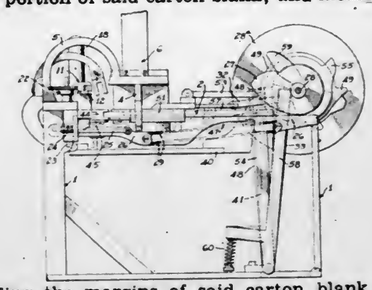
2,439,976
FLUORESCENT LAMP CIRCUIT
Russell W. Keiser and Charles Philippe Boucher, Fostoria, Ohio, assignors to Boucher and Keiser Company, Atlanta, Ga., a partnership
Application August 5, 1942, Serial No. 453,714
2 Claims. (Cl. 315—280)



1. A starting and operating circuit for a fluorescent lamp comprising a current source, a voltage step-up transformer at least a portion of the winding of which is connected in series with said lamp across the said source, a switch to temporarily connect the primary of said transformer across said source to impress a high voltage across said lamp during the starting period, at least a portion of the transformer winding serving as a ballast for the lamp during operation thereof, said switch comprising a pair of contacts supported in normal engagement, a bimetallic support for one of said contacts, and means to heat said support to cause it to separate said contacts, said heating means being energized continuously from said current source only during the operation of the lamp.

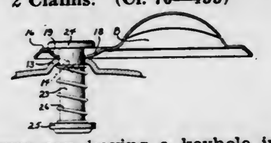
2,439,977
TABLET PACKAGING MACHINE
Fordyce J. Kendle, Monterey Park, Calif.
Application February 8, 1947, Serial No. 727,455
11 Claims. (Cl. 93—2)

1. A tablet packaging apparatus comprising: a hopper for supplying predetermined loads of tablets juxtaposed in rows; means for feeding an initially flat carton blank in a receiving position in which an edge thereof underlies a load of tablets; means for advancing said load to the central portion of said carton blank; and means for



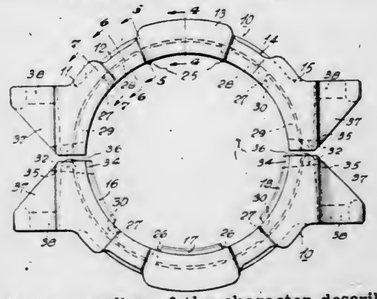
folding the margins of said carton blank over said load of tablets.

2,439,978
KEYHOLE COVER
Anton W. Konchan, Berwyn, Ill.
Application November 21, 1945, Serial No. 630,026
2 Claims. (Cl. 70—455)



1. A closure cap having a keyhole in it and having a pivot pinhole in it adjacent the keyhole, said cap having a ridge formed in it about said holes simulating a figure 8 in plan, said ridge having two aligned grooves in it separated in endwise relation by the pin hole, a cover for the keyhole pivoted to the cap and formed to simulate a figure 8 in plan to conform to the ridge contour of the cap, said cover having a tab portion, the tab portion having a pivot pin hole through it with the tab formed with two aligned tongues separated by the pin hole therein, a pivot pin through said holes, and a spring about said pin to draw the tongues of the cover into the grooves of the cap when the cover is in closed position over the keyhole to thereby restrain the cover from accidental displacement from closed position.

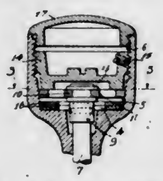
2,439,979
PIPE COUPLING
John H. Krooss, New York, N. Y., assignor to Pipe Couplings, Inc., New York, N. Y., a corporation of New York
Application July 27, 1945, Serial No. 607,387
10 Claims. (Cl. 285—194)



3. A pipe coupling of the character described, comprising a housing member of segmental shape

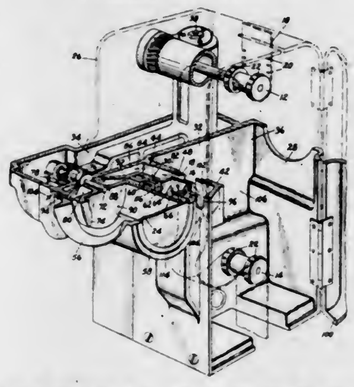
having an internal groove at one end thereof, extending circumferentially of the member, a jaw arranged in the groove, a plate engaging one end of the jaw for holding it in the groove, and means integral with the housing member for rigidly securing the plate to the member.

2,439,980
LIMITED TORQUE TOOL
Frank W. Livermont, Los Angeles, Calif., assignor to Richmont, Inc., Los Angeles, Calif., a corporation of California
Application September 4, 1944, Serial No. 552,611
7 Claims. (Cl. 64—30)



1. A limited torque tool comprising: a handle including a head having a tapered bore, and a sleeve extending from said head; a tool stem rotatably mounted in said sleeve, and protruding into said head; a planular spiral element attached at its radially inner end to said stem and having a radially outer peripheral portion adapted to engage frictionally said tapered portion to form a drive connection between said stem and said handle; and means for adjustably positioning said spiral element relative to said tapered portion to vary the frictional contact therewith.

2,439,981
MOTION-PICTURE PROJECTOR
Raymond J. Miller, Detroit, Mich., assignor to American Pattern and Manufacturing Co., Detroit, Mich., a copartnership
Application February 21, 1941, Serial No. 379,962
2 Claims. (Cl. 88—17)

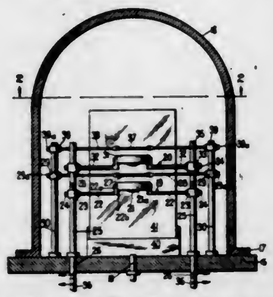


1. In a motion picture projector, a holding, a partition separating said housing into a film compartment and a mechanism compartment, an aperture plate extending from said partition into said film compartment, a blower having one side communicating with the atmosphere, said housing having an opening communicating with the other side of said blower in a path including said plate, a side door for said film compartment, a portion of said door being adapted to close against the adjacent vertical edge of said plate, whereby to obstruct communication between said opening and in front and laterally of said plate.

2,439,982
PRODUCTION OF DEHYDRATED CASTOR OIL
George S. Monroe and Vladimir N. Ipatieff, Riverside, Ill., assignors to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application July 30, 1943, Serial No. 496,778
8 Claims. (Cl. 260—405.5)

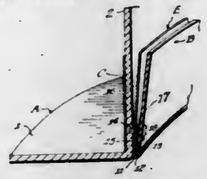
1. A process for dehydrating castor oil which comprises contacting castor oil at a dehydrating temperature and superatmospheric pressure with a liquid catalyst consisting of an aqueous solution containing at least 1 weight percent but less than 5 weight percent of an acidic substance selected from the group consisting of the mineral acids and hydrolyzable salts of mineral acids.

2,439,983
MEANS FOR THERMALLY EVAPORATING VARIOUS MATERIALS IN VACUUMS FOR COATING PURPOSES
Willard L. Morgan, Columbus, Ohio, and Arthur R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio
Application January 15, 1944, Serial No. 518,372
4 Claims. (Cl. 91—12.2)



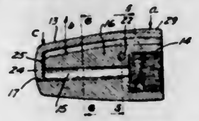
1. An apparatus for thermal evaporation of materials in a vacuum and for restricting deposition of the evaporated material to predetermine defined areas at the side of such apparatus, comprising a vacuum chamber, thermal evaporating means located within the chamber, said evaporating means comprising a metallic cup-like material-receiving receptacle heated by passage of an electric current through its body and having an outwardly projecting peripheral flat flange of a length several times greater than the wall imposed cover matching in overall dimensions thickness of said cup-like receptacle, and a superimposed cover matching in overall dimensions said cup and flange, said cover being located at all times during thermal evaporation above and closely adjacent to said receptacle, said receptacle flange and superimposed cover outer portion being arranged substantially parallel and in horizontal position and together providing a horizontal peripheral throat as a vapor outlet for said evaporating means, the length of said throat and the separation of said flange and superimposed cover portion restricting the deposition within the predetermined defined areas.

2,439,984
HAT CONSTRUCTION AND SWEATBAND THEREFOR
John L. Pearson, Tacoma, Wash.
Application January 10, 1947, Serial No. 721,357
8 Claims. (Cl. 2—181)



5. In a hat, a hat body comprising a crown and a brim; a sweat band; an attaching strip; stitching joining the lower edge portion of the sweat band to the lower portion of the attaching strip; stitching above said first named stitching and joining said attaching strip to said hat body adjacent the juncture of said brim and crown; and a moisture resistant strip floatingly interposed between said crown and said sweat band and having its lower edge portion folded to extend upwardly between said sweat band and the upper portion of said attaching strip, said lower edge portion of said moisture resistant strip being surface-adhered to said sweat band throughout a narrow zone above the stitching joining said sweat band lower edge portion to the lower portion of said attaching strip.

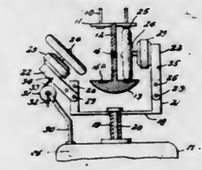
2,439,985
DISPENSING CLOSURE
Harold N. Perelson, Huntington Park, Calif.
Application March 30, 1945, Serial No. 585,739
3 Claims. (Cl. 222—545)



1. A device of the character described comprising a body member having a tubular threaded end portion adapted to receive the threaded end of a receptacle, a jaw-like extension of said body member having a discharge passageway extending longitudinally thereof and communicating with the tubular end portion, said jaw-like portion having a shoulder extending along the two sides and across the end thereof in a plane parallel to the axis of the discharge passageway and at one side of said passageway, a hinged shell-like closure fitting over the jaw-like extension of the body member and resting upon the face of said shoulder, the end portion of said shell-like closure extending across the outer end of the discharge passageway, and pivotal means articulately connecting the hinged closure with the body member upon an axis parallel to the plane of said shoulder and at right angles to the longitudinal axis of the passageway, said pivotal axis being contiguous to the passageway and disposed at the end of the jaw-like extension of said body adjacent to the tubular portion.

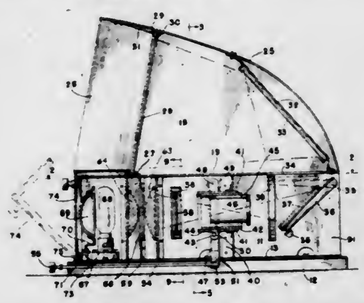
2,439,986
OVERHEAD RAILWAY
Robert John Rennie, Flushing, N. Y.
Application June 13, 1944, Serial No. 540,019
4 Claims. (Cl. 104—93)

1. In an overhead railway embodying a suspended monorail having a vertical web and oppositely projecting bottom flanges, a car having an elongated body, vertical spindles fixed to the top of said body near the front and rear ends thereof, a truck swivelled on each spindle, each truck having spaced independent front and rear pairs of upright wheel mounts, the wheel mounts of each pair being arranged at opposite sides of the monorail, each wheel mount including an upper section hinged to swing laterally toward and



from the monorail, a wheel journaled on the upper section of each wheel mount and arranged to ride on the adjacent bottom flange of the monorail when said upper section is swung toward the monorail to a vertical position and to be disengaged from said monorail when said upper section is swung away from the monorail to an inclined position, and means to releasably secure the upper section of each wheel mount in a vertical position.

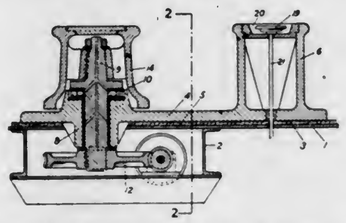
2,439,987
PICTURE PROJECTOR AND VIEWER
Henry Roger, Sandy Hook, Conn., assignor to Floor-O-Matic, Inc., New York, N. Y., a corporation
Application December 11, 1946, Serial No. 715,405
9 Claims. (Cl. 88—24)



1. A projector comprising a lower housing unit consisting of a light unit therein, condenser lens arranged before the said light unit, a slide holder movable through the side walls and arranged before the said condensers, a lens cylinder containing a focusing lens adjustably mounted in said lower housing unit and arranged before the said slide holder, an adjustable reflector element pivotally mounted in said lower housing unit and placed before the said lens cylinder and a hood slidably attached to the top of the said lower housing unit and consisting of base, side walls and top, the said base being formed with an opening arranged directly above the aforesaid pivotally mounted adjustable reflector element, a stationary reflector element in said hood and arranged at an angle directly above said opening in base of hood and a viewing screen mounted at the rear open end of said hood, the aforesaid pivotally mounted adjustable reflector element in said lower housing, and the stationary reflector element fixed in the said

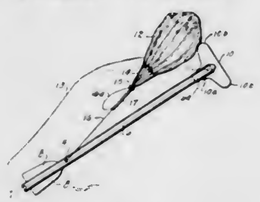
hood coacting to reflect the light rays from the said light unit upwardly and backwardly to the said viewing screen in said hood, spring means coacting with said pivotally mounted adjustable reflector element to hold same in raised inactive position to permit light rays from said light unit to be projected in a straight line to a distant screen, and means for supplying current to illuminate the said light bulb.

2,439,988
BOLLARD
Donald A. G. Ross, West Vancouver, British Columbia, Canada
Application July 3, 1944, Serial No. 543,250
1 Claim. (Cl. 254—176)



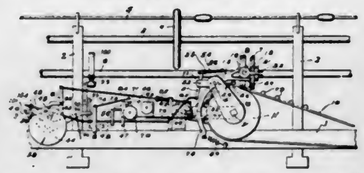
A bollard comprising a base, a pair of upstanding members spaced apart, one of said members being substantially cylindrical in form about a vertical axis and being non-rotatable, the second of said members being substantially in the form of a truncated cone and mounted on a vertical shaft parallel to the vertical axis of the first named member, means adapted for connection to a source of power for rotating the second named member, and means for controlling the rotation of said member, said means being located within the upper end of the non-rotatable member.

2,439,989
TOY PARACHUTE
Alfred L. Ruthven, Denver, Colo., assignor of three-fifths to himself as trustee for Betty R. Ruthven, Thomas D. Ruthven, and Sharon A. Ruthven, one-fifth to Helen D. Ruthven, and one-fifth to Louis R. Ruthven
Application September 19, 1946, Serial No. 697,949
6 Claims. (Cl. 46—86)



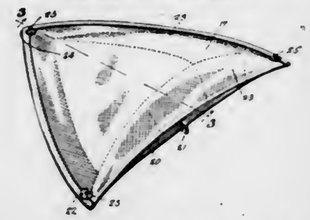
1. A toy parachute device comprising, in combination, a projectile comprising a shaft and a tip on the front end of the shaft which is substantially the same on both sides of the shaft and has a straight forward edge lying perpendicular to the longitudinal axis of the shaft, and a parachute having a shrouds cord secured to the shaft and adapted to be folded over said edge when the shrouds cord is thus secured and elastic means associated with the parachute and adapted to exert a pull on the parachute in the direction of the rear end of the projectile.

2,439,990
PATTERN CONTROL MEANS FOR KNITTING MACHINES
Tom Read Ryan, Trenton, Ga.
Application December 8, 1943, Serial No. 513,407
4 Claims. (Cl. 66—155)



1. In a knitting machine, the combination with a main cam shaft endwise movable in opposite directions into knitting and narrowing positions, respectively, a pattern chain, a chain drive, means to move said shaft under control of said chain, and course control means normally ineffective, of means to render said course control means effective comprising an endwise movable rod, a reciprocating dog carrier, means operative by said chain to move said carrier in one direction, an abutment on said rod, and a dog on said carrier for engaging said abutment.

2,439,991
SHOULDER PAD
Frank Schulman, Louisville, Ky.
Application September 3, 1946, Serial No. 694,475
4 Claims. (Cl. 2—268)

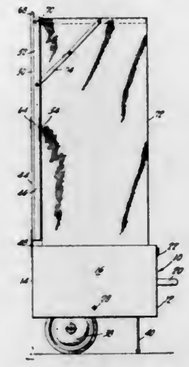


1. A shoulder pad for outer garments including superposed connected thicknesses of stiffening fabric, one of said thicknesses having an elongated V-shaped slit the edge portions of which are drawn together and stitched to the other thicknesses of said material, there being V-shaped slits extending into the base portions of the stiffening materials, the edge portions of said slits being gathered together, the covering material fitted snugly upon the stiffening material and having inturned edges stitched to the stiffening material, the edges of the slits in the base portion of the stiffening material being stitched together thereby to impart to the pad an abrupt upwardly curved contour along the said base portion, and a lining secured to the side portions of the stiffening members, there being a dart in the lining for holding the lining taut and maintaining a transverse bow in the stiffening members whereby said members are held spaced from the lining between their edges.

2,439,992
FOLDING, WHEELED, SHOPPING BAG
Gerald Simonian, Fresno, Calif.
Application August 31, 1946, Serial No. 694,279
3 Claims. (Cl. 280—37)

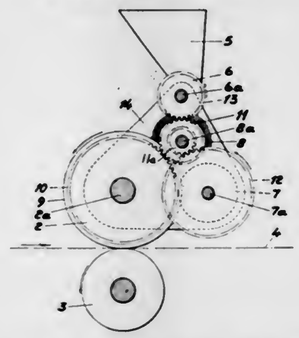
1. A vehicular shopping bag comprising a housing, a pair of wheels supporting said housing,

a leg adapted to coact with said wheels for the static support of said housing, a two section panel foldable upon itself pivotably secured to the housing, a stay pivotably secured to the upper edge of the upper panel section, a bag depend-



ing from said stay and extending within said housing, means to lock said panel sections in alignment normal to the upper edge of the housing, and means to lock said stay in position normal to said panel.

2,439,993
MACHINE FOR MAKING CRISP BREAD
Aron Birger Svensson, Filipstad, Sweden
Application January 30, 1945, Serial No. 575,304
In Sweden January 15, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires January 15, 1963
5 Claims. (Cl. 107—8)

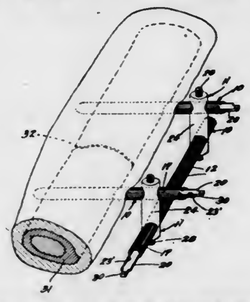


1. A device in machines for making crisp bread in which a dough string moves under a rotating pricking roll, the axis of which is at right angles to the longitudinal axis of the dough string, comprising two brushing rolls, which are parallel with the pricking roll and which rotate at different speeds, the said rolls being connected to the pricking roll and so arranged that they at least contact each other and rotate in opposite directions, one brush being positioned so that it cleans only the outer portions of the advancing pricking pins while the other brush is located above the first mentioned brush and in contact with the entire lengths of the pins and the outer surface of the pricking roll so as to insure effective cleaning thereof.

2,439,994
PREPARATION OF A SILICA-ALUMINA-ZIRCONIA CATALYST
Charles L. Thomas, Western Springs, Ill., and Edward C. Lee, deceased, late of Chicago, Ill., by James T. Cullinan, administrator, Chicago, Ill., assignors to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Original application March 30, 1944, Serial No. 528,774. Divided and this application August 30, 1945, Serial No. 613,710
4 Claims. (Cl. 252—248)

1. A process for manufacturing a catalyst which comprises commingling silica with decomposable salts of aluminum and zirconium and heating the resultant mixture sufficiently to convert said salts to oxides.

2,439,995
SECURING DEVICE
Orville W. Thrailkill, Wellington, Kans.
Application April 11, 1944, Serial No. 530,488
15 Claims. (Cl. 128—84)

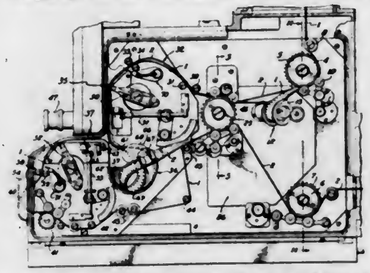


1. A device of the character stated comprising a tubular member longitudinally divided to form two portions, a loose coupling between said portions at one end permitting expansion and contraction of the tubular member from a minimum to a maximum diameter, an expander rod insertible into the tubular member and having a portion of maximum diameter greater than the minimum diameter of the tubular member, the rod having diametrically opposite camming surfaces spaced diagonally of the portion of maximum diameter for facilitating the turning of the rod from a position in which the plane of the maximum diameter is parallel with a plane passing between the opposing sides of the portions of the tubular member to a position in which the said plane of maximum diameter is transverse to the said plane passing between the opposing sides of the tube to effect the expansion of the tubular member, and means for preventing the turning of the rod upon its long axis in the tubular member.

2,439,996
COLOR MOTION-PICTURE CAMERA
Albert W. Tondreau, North Hollywood, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y., a corporation of Delaware
Original application October 27, 1944, Serial No. 560,546. Divided and this application April 27, 1945, Serial No. 590,545
6 Claims. (Cl. 88—16.4)

1. A camera having two film gates at right angles to each other, pull-down mechanism for each of said gates for advancing the film two frames at a time, a double sprocket having front and rear sprockets, said rear sprocket compris-

ing means for feeding two films in bi-pack relation to one of said gates, means at the exit side of said bi-pack gate for guiding the front film of said bi-pack to said front sprocket, means be-



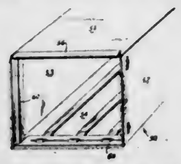
tween said gates for guiding the rear film of said bi-pack through the other of said gates, and means at the exit side of said last mentioned gate for guiding the film therefrom to said rear sprocket.

2,439,997
WATER KEY FOR BRASS MUSICAL INSTRUMENTS
Earl Williams, Los Angeles, Calif.
Application September 10, 1945, Serial No. 615,393
6 Claims. (Cl. 84—397)



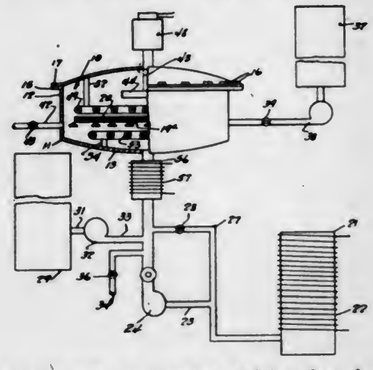
2. The combination with a musical instrument having a metal tube and a valve opening in the wall of said tube, of a water key for said opening, comprising: an arcuate sleeve positioned obliquely on said tube and curving in substantial conformity therewith; an arcuate stem slidable in said sleeve; a valve element on one end of said stem positioned to close the opening in said tube; and yieldable means urging said stem in a direction to close said valve element.

2,439,998
FIBRE REINFORCED COLLAPSIBLE CONTAINER
Philip Zalkind, New York, N. Y.
Application February 26, 1943, Serial No. 477,203
6 Claims. (Cl. 312—108)



1. A folding casing of the class described, having an open front and top, bottom and side walls; said walls being hingedly connected together along fold lines extending to said open front; extensions on said side walls hingedly connected thereto and extending in said container in surface to surface relation with the interior of their respective walls; vertical reinforcing members secured to said extensions; said reinforcing members, when said extensions are folded in, extending between the top and bottom walls; and means for locking reinforcing members in position in the erected casing, said means also assisting in maintaining rigid angular relation between the walls of the casing; and additional means for maintaining rigid angular relation between the walls of the casing, said last mentioned means being mounted on a horizontal wall of the casing and engaging a side wall thereof and being disengageable therefrom.

2,439,999
PROCESS OF FORMING FILMS UPON THE SURFACES OF GLASS PLATES
Frederick W. Adams, New York, N. Y., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa., a corporation of Pennsylvania
Application December 9, 1944, Serial No. 567,439
10 Claims. (Cl. 154—2.73)



1. A process of forming safety glass having superficial films of high silica content upon the exposed surfaces thereof, which process comprises assembling a plurality of glass plates containing calcium oxide, silica and sodium oxide as components, with sheets of plastic as a binder between each two plates of glass, placing the resultant sandwich in an autoclave filled with an aqueous solution of a sodium salt at the laminating temperature for the plastic and at a corresponding pressure until the plates are adhered together and the exposed surfaces of the plates are etched preferentially to remove calcium to a depth of about 3 to 12 millionths of an inch, then removing and drying the assembly.

2,440,000
TREATMENT OF DRYING OILS
Henry G. Berger, Glen Rock, and George S. Crandall and John F. Socolofsky, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
No Drawing. Application February 2, 1945, Serial No. 575,938
8 Claims. (Cl. 106—222)

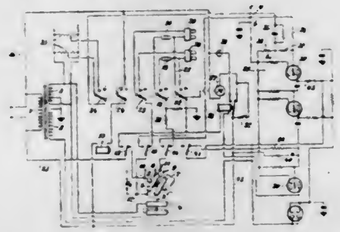
5. In a process of preparing a liquid coating composition, the steps which comprise polymerizing a drying oil containing a polymerization catalyst of the Friedel-Crafts type at a temperature not substantially above about 300° F. to a body not substantially lower than Z–6 (Gardner-Holdt scale), arresting polymerization of said oil before gelation thereof occurs by addition thereto of water in an amount sufficient to exert an arresting action but insufficient to form a separate phase and thereafter adding resin, thinner, and drier to form the said composition.

2,440,001
ATTACHMENT FOR WIRE ELEMENTS TO FRAME STRUCTURES
Svend G. Blumensaadt, Beachwood Village, Ohio, assignor to The Universal Wire Spring Company, Cleveland, Ohio, a corporation of Ohio
Application February 10, 1944, Serial No. 522,192
6 Claims. (Cl. 155—179)



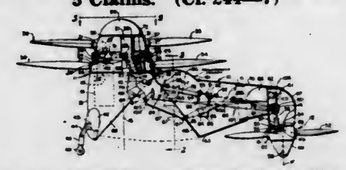
1. A coupling connection for removably and axially non-rotatably coupling wire elements to frame-like structures embodying a wire member having left and right-handed loops connected by straight wire portions, a sharply outwardly curved portion at the end of said wire member extended from a straight wire portion in a plane angularly related to the longitudinal axis of said wire member, and a frame structure saving a rail with a pair of perforations extended at a right angle through the wall of said rail and arranged so that a line connecting said perforations is parallel to the axis of said rail, said perforations being dimensioned to fit the gauge of the wire of said wire member, said curved portion being threaded through said pair of perforations and said perforations being spaced from each other a distance approximately equal to the diameter of said curved portion so that the wire of the curved portion extends substantially at a right angle through the wall of said rail.

2,440,002
SELECTIVE METERING SYSTEM WITH SUPERVISED CONTROL DEVICE
John L. Bower, New Haven, Conn., assignor to Control Instrument Company, Inc., Brooklyn, N. Y., a corporation of New York
Application November 26, 1946, Serial No. 712,281
4 Claims. (Cl. 177—311)



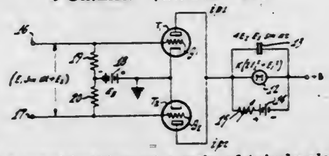
1. The combination with a plurality of metering circuits, and a meter including fixed and movable coils adapted for connection to said circuits and having mutual induction between the coils thereof during a metering operation; of a controlled device, a control circuit therefor, periodically operable means for switching said coils from the metering circuits to said control circuit to connect to the latter the voltage induced in said coil assembly, and means responsive to an increase in said voltage in excess of a predetermined value for energizing said control circuit to operate said device.

2,440,003
HELICOPTER AND AIRPLANE SUSTAINED AIRCRAFT
Glenn H. Bowlus, San Marino, Calif.
Application June 12, 1945, Serial No. 599,047
5 Claims. (Cl. 244—7)



1. In an aircraft, a main body section, nose and tail sections hinged to the forward and rear ends thereof respectively on horizontal axes, the rear end of said main body section comprising a separate portion having a swiveling connection with said main body portion about the longitudinal axis thereof, a rotor rotatably mounted on said nose section and including blades adapted to be pitch adjusted from positions wherein they may function for helicopter type lifting to positions substantially at right angles to said first mentioned positions, wherein they may function, with the axis of said nose section substantially horizontal, as wing sustention and forward propulsion means, means for driving said rotors, and control means for orienting said nose and tail sections from positions with their longitudinal axes substantially vertical, wherein they are adapted to function for helicopter lifting, to positions wherein their axes are in substantial alignment with the axis of the main body section, in which positions the craft is adapted to fly horizontally.

2,440,004
ROOT MEAN SQUARE VOLTAGE MEASURING CIRCUIT
George H. Brown and Wendell C. Morrison, Princeton, N. J., assignors to Radio Corporation of America, a corporation of Delaware
Application April 4, 1946, Serial No. 659,480
8 Claims. (Cl. 171—95)

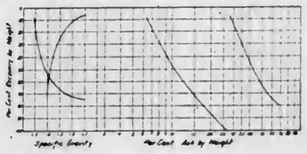


1. The combination of a pair of triode elements having their input circuits connected in push-pull and their output circuits connected in parallel through a common lead, means for applying to said input circuits a voltage having alternating and unidirectional components, and means for deriving from said common output lead a current which is proportional in value to the mean square value of said voltage.

2,440,005
FINELY DIVIDED CRYSTALLINE LIMESTONE IN HEAVY FLUID FOR FLOAT-AND-SINK CONCENTRATION
Jean Albert Brusset, Blairmore, Alberta, Canada, assignor to McNally Pittsburg Manufacturing Corporation, Pittsburg, Kans.
Application March 19, 1945, Serial No. 583,608
In Canada July 20, 1944
4 Claims. (Cl. 209—173)

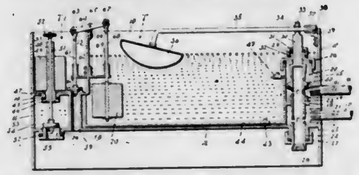
1. The method of separating particles of coal from a mixture thereof with particles of heavy

refuse, which comprises forming an aqueous suspension of finely divided crystalline limestone substantially free from quartz and from components which tend readily to disintegrate through use and handling into ultra-fine particles, said limestone having a hardness of about 3, practically all of which finely divided limestone is of a degree of fineness to pass a 48 mesh screen, a large fraction thereof being minus 100 mesh and



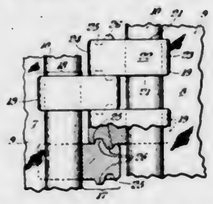
a minor but substantial part thereof, not exceeding about 25% by weight, being minus 200 mesh in particle size, introducing the mixture into a bath of said aqueous suspension of finely divided limestone, adjusting and maintaining the density of the aqueous suspension at such a value that the coal particles float on said bath but the particles of heavy refuse sink therein, and separately removing coal particles and particles of heavy refuse from said bath.

2,440,006
INTERMITTENT FLOW DEVICE
Frank Y. Donaldson, Burbank, Calif.
Application October 26, 1945, Serial No. 624,891
3 Claims. (Cl. 137—163)



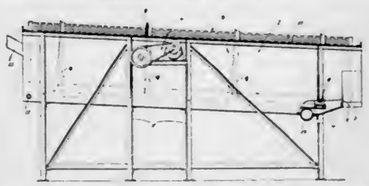
1. In a device for controlling the flow of liquid under pressure from a supply line into a service line, a main control tank, a valve chamber associated with said tank and having an intake port for connection with said supply line, an outlet port for connection with said service line, and a valve seat between said ports; a main valve member constructed and arranged to permit flow through said chamber from the intake port to said outlet port when lifted off said seat and to shut off such flow when seated on said seat, means for continuously supplying liquid to said main control tank from said intake port, a float operated means arranged to unseat said main valve member when the level of liquid in said tank rises above a predetermined level and to seat said valve when the liquid level in said tank lowers to a predetermined point, said tank having a discharge opening, a main tank discharge valve for controlling said discharge opening, a timing tank associated with said main tank and having a discharge opening, a timing tank discharge valve for controlling the discharge opening of said timing tank, means operable only when said main valve is unseated for supplying liquid to said timing tank, a float operated means constructed and arranged for opening said main tank discharge valve when the level of the liquid in the timing tank reaches a predetermined high point and for closing said main tank discharge valve when a predetermined amount of liquid has been discharged through the discharge opening of said timing tank, and a float operated means in said main tank constructed and arranged to close the timing tank discharge valve before the liquid in the main tank reaches the level at which the main valve is unseated and to maintain said timing tank discharge valve closed after said main valve is unseated, and finally operating to open said timing tank discharge valve when the level of the liquid in said main tank is lowered to a predetermined point following the opening of said main tank discharge valve, whereby the time required to fill the timing tank to the level at which the main tank discharge valve is opened is the approximate time during which the main valve is unseated and the time required for filling the main tank to the level at which the main valve is unseated is the interval of time during which the main valve is seated.

2,440,007
SLIDE FASTENER
Herman M. Frank, New Britain, Conn., assignor to The North & Judd Manufacturing Company, New Britain, Conn., a corporation of Connecticut
Application September 14, 1945, Serial No. 616,218
2 Claims. (Cl. 24—205)



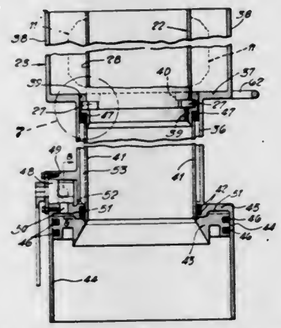
1. In a slide fastener, a pair of complementary stringers, each comprising a relatively flexible carrier with a row of predeterminedly spaced fastener elements secured to one edge portion thereof, each of said fastener elements being symmetrical top and bottom having a leg portion at one end providing attachment to said carrier and an interlocking portion at the opposite end, said interlocking portion comprising oppositely disposed concentric pockets in the top and bottom surfaces of said interlocking member and oppositely disposed concentric projections substantially complementary with said pockets extending from said top and bottom surfaces and adjacent said pockets said projections and pockets each being substantially rectangular and the projections being disposed between said pockets and said tape engaging channel and in substantial contiguity with said pockets.

2,440,008
SPINACH TUMBLER
George D. Gardner, San Jose, Calif.
Application July 6, 1945, Serial No. 603,534
1 Claim. (Cl. 51—164)



A device for dry cleaning spinach comprising a revolvable foraminous trommel, such trommel being substantially hexagonal in cross section to present relatively wide flat surfaces upon which spinach leaves may lie in their normal unwetted state when moved through the trommel, relatively narrow flat webs connecting adjacent ones of said flat surfaces, and means associated with the trommel to divert and carry away foreign material which may be discharged through the openings in such foraminous trommel.

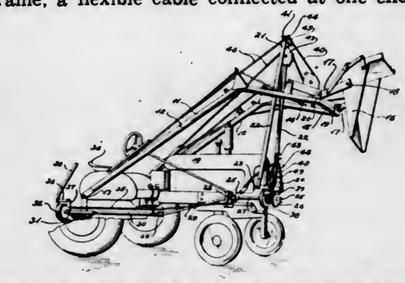
2,440,009
DRILL PIPE PROTECTOR APPLYING AND INSTALLING APPARATUS
Adelbert M. Graham, Beverly Hills, Calif., assignor, by mesne assignments, to Thermoid Company, Trenton, N. J., a corporation of Delaware
Application October 18, 1940, Serial No. 361,736
11 Claims. (Cl. 29—236)



4. In a drill pipe protector applying device for separating an expanded protector from a cylindric holder, the combination of: inner and outer cylindric walls defining an annular cylinder space closed at one end and open at the other, said inner cylindric wall having an inwardly projecting shoulder defining an opening; an annular piston in said annular cylinder space; means extending from said piston through said open end of said cylinder space, said means comprising parts for engaging an end of a holder situated within said inner cylindric wall with said end thereof projecting through said opening defined by said shoulder; and means to apply fluid pressure to said annular cylinder space to move said piston so as to carry said parts away from said shoulder and pull said holder through said opening.

2,440,010
HOIST ATTACHMENT FOR TRACTORS
Howard E. Hall, Boise, Idaho, assignor to Olson Manufacturing Company, Boise, Idaho, a corporation of Idaho
Application October 4, 1946, Serial No. 701,342
5 Claims. (Cl. 214—140)

1. In a combination with a tractor, a hoist mechanism including a shaft extending along one side of the tractor, means operatively connecting said shaft to the power shaft of the tractor, a hoist drum fixed to the forward end of said shaft, a high supporting frame extending transversely of the tractor adjacent said drum, and having a pair of downwardly diverging arms, a low supporting frame extending transversely of the tractor adjacent said high supporting frame, said low supporting frame having a pair of front arms and a pair of rear arms, plates secured to opposite sides of the tractor, means connecting the lower ends of the arms of the high supporting frame and the low supporting frame to said plates, each of said supporting frames having a pulley pivotally connected thereto, the pulley on the low supporting frame being positioned below the pulley on the high supporting frame, a flexible cable connected at one end to



said hoist drum, means for detachably connecting the outer end of the cable to each of the supporting frames, an operable member associated with the high supporting frame, a second operable member associated with the low supporting frame, said cable arranged to be interchangeably connected through the pulleys to said operable members to connect the hoist drum to work requiring either a high or a low operating hoist.

2,440,011
COMBINED VEHICLE STOP AND DIRECTIONAL SIGNAL
Eric B. Hallman, Philadelphia, Pa., assignor to Electric Service Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application August 24, 1945, Serial No. 612,368
6 Claims. (Cl. 177—329)

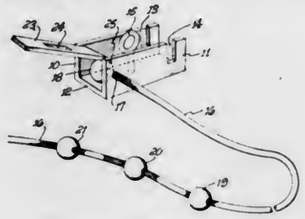


5. A signalling device for automotive vehicles comprising a main base member having a lamp-receiving well formed centrally therein, a transversely extending partition member for dividing said well into a pair of separate lamp-receiving compartments, said partition member being provided along its upper edge with a relatively wide rim, a pair of light transmitting panels respectively disposed in covering relation to said compartments with the adjoining edges thereof commonly resting upon said rim, and a retaining plate for said panels secured to said base member and adapted to clamp said adjoining edges of the panels against said rim, said retaining plate having openings through which portions of said panels are exposed, certain of said openings being of such shape and relative disposition as to provide the effect of a double-headed arrow upon the transmission of light through said panels.

2,440,012
LOCKING DEVICE
Gabriel D. Haver, Los Angeles, Calif.
Application May 29, 1944, Serial No. 537,811
3 Claims. (Cl. 24—30.5)

3. An adjustable locking device for sea bags, sleeping bags and other containers provided with

spaced grommets, comprising: a body portion, a flexible member attached by one end to said body portion, said flexible member being provided with a plurality of locking elements in spaced relation, said locking elements being of greater diameter than the member and adapted to pass through grommets on the container; a pair of spaced walls carried by the body portion, each of said walls including a slot through which a portion of the flexible member may be



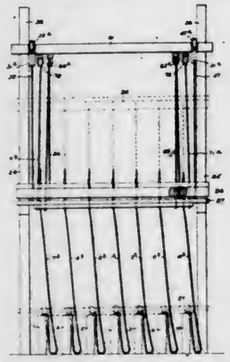
introduced, said walls being spaced sufficiently to receive and retain a locking element, whereby longitudinal motion of the flexible member through said slots is prevented; a fixed hasp carried by the body portion between the spaced walls; and a movable keeper pivotally carried by the body portion, said keeper being adapted to cooperate with said hasp and retain that portion of the flexible member extending through said slots.

2,440,013

PLAYER-OPERATED MEANS FOR POSITIONING PINS OF BOWLING ALLEYS

Joseph E. Laferriere, Boston, Mass.

Application May 12, 1945, Serial No. 593,376
12 Claims. (Cl. 273—44)



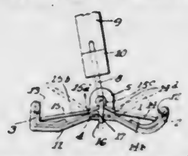
1. Player-operated bowling apparatus for use in usual bowling alleys and employing a ball or balls and a set of pins to be knocked over thereby, a series of non-elastic cords respectively attached at one end to the pins and thence extending to and supported in convenient position to be pulled by the player or players when standing at the player end of the bowling alley when the pins or any of them have been knocked down by a rolled ball, an upright at the player end of the bowling alley, and upon which the said cords are guidingly supported for player-manipulation when in the usual playing position, and a slidable member supported upon said upright for up-and-down manually-caused sliding movement, which slidable member is provided with formations for engagement with each of said cords, said formations consisting of notches in a transversely extending part of said slidable frame.

2,440,014

POLISHING IMPLEMENT WITH WORK FACE CONSISTING OF REPLACEABLE FABRIC SHEETS

Joseph H. Ludwick, Spokane, Wash.

Application April 27, 1945, Serial No. 590,552
4 Claims. (Cl. 15—231)



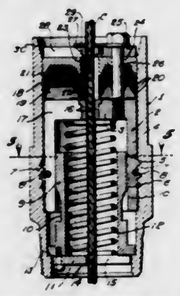
4. A floor waxer comprising a head formed of sheet material and having a lip along its front edge and a flange along its rear edge and having a portion bent upwardly and forming a longitudinally extending upstanding bridge spaced from its front and rear edges, a handle secured to said head, a bar extending longitudinally of said head under the bridge and having arms at its ends extending upwardly above the bridge and formed with pins extending inwardly over the bridge, said bar being free from the bridge and shiftable upwardly under the bridge for tightening a cloth against the under face of the head, and clamps for securing end portions of the said cloth folded about the lip and the flange, said clamps being pivoted to said pins and having rocking engagement with the bridge to shift the bar upwardly to its cloth tightening position when the clamps are swung downwardly to a clamping position.

2,440,015

AUTOMATICALLY RELEASING WELL HEAD

Lorrain D. Meddick, Los Angeles, Calif., assignor to Lane-Wells Company, Los Angeles, Calif., a corporation of Delaware

Application January 3, 1944, Serial No. 516,833
7 Claims. (Cl. 166—14)



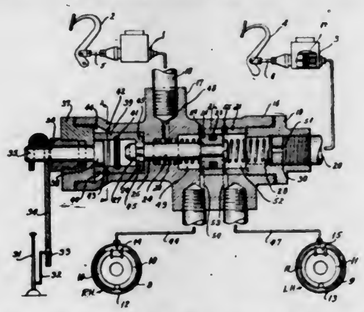
1. A releasable packing head for wells, comprising: a tubular housing adapted to be secured in the upper end of a well casing, its inner surfaces having serrated latching channels formed therein and a smooth bore above said channels forming a packing face; a supporting structure including a cylindrical portion axially slidable in said tubular housing, and latching elements carried by said cylindrical portion having radially extending serrations engageable with said channels; a packing unit secured on the top portion of said supporting structure and sealingly but slidably engageable with said packing face, said packing unit having an axial opening therethrough adapted to admit slidably but seal around an instrumentality intended for movement in such casing; means normally engageable with said latching element for holding said latching element in engagement with said channels, thereby to secure said packing unit against axial movement in said housing, said means being engageable from within said casing by said instrumentality for movement clear of said latching element, thereby to release said packing unit for withwrawal axially from said housing.

2,440,016

TRACTOR STEERING CONTROL

Arthur N. Milster, Ferguson, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a corporation of Delaware

Application January 23, 1946, Serial No. 642,837
9 Claims. (Cl. 180—17)



1. A tractor steering control comprising a valve having a movable piston therein; two manually-operated pressure fluid producers; brake mechanisms for the right and left-hand drive wheels of a tractor; a manually-operated speed controlling device; and means controlled by said manually-operated device when in certain positions of adjustment to lock said piston in position in said valve to enable said brake mechanisms when selectively actuated to assist in steering the tractor and said manually-operated speed control when in other positions of adjustment enabling either one of said pressure producers to actuate both of said brake mechanisms, said piston preventing transfer of pressure fluid from one pressure producer to the other when either one operates both brake mechanisms.

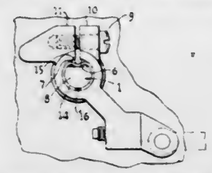
2,440,017

ADJUSTABLE DEVICE

Lawrence Nass, New York, N. Y., assignor to Jerry Briskie, New York, N. Y.

Application May 6, 1947, Serial No. 746,259
2 Claims. (Cl. 287—52.02)

1. A shaft formed of brass and formed at one end with a flat, a split sleeve formed of mild steel positioned on the end of the shaft formed with a flat, the split sleeve formed with a flat cooperating with the flat on the shaft to prevent turning of the sleeve relatively to the shaft, a body formed of a zinc alloy formed with a through bore in which the sleeve is positioned, said body formed with a slot extending from the exterior of the body to the bore and means for moving the material on each side of the slot together so as to decrease the size of the bore and thereby frictionally grasp the sleeve whereby



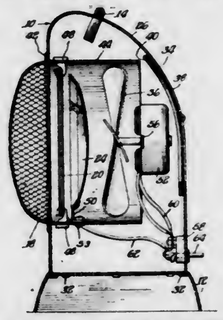
the shaft is prevented from turning relatively to the body and whereby the shaft may be adjusted and held in various rotated positions in regard to the body.

2,440,018

ELECTRIC ROOM HEATER

Howard H. Oetjen, Chicago, Ill., assignor to Chicago Electric Manufacturing Company, Chicago, Ill., a corporation of Illinois

Application June 11, 1945, Serial No. 598,864
4 Claims. (Cl. 219—39)



1. An electric room heater including a generally cylindrical casing having open ends, a heating element supported within one end of said casing and having longitudinal sections positioned in a plane substantially normal to the longitudinal axis of said casing, an electric fan supported adjacent the other end of said casing, and a concave reflector of smaller diameter than said casing and having its periphery in spaced relation to said casing between said fan and said heater, said fan being adapted to direct air across the extremities of the longitudinal sections of said heating element in the vicinity of the periphery of said reflector.

2,440,019

WORK CARRIER FOR ELECTROPLATING

Leon J. Pianowski and Sam F. Sgriccia, Detroit, Mich., assignors to The Udylite Corporation, Detroit, Mich., a corporation of Delaware

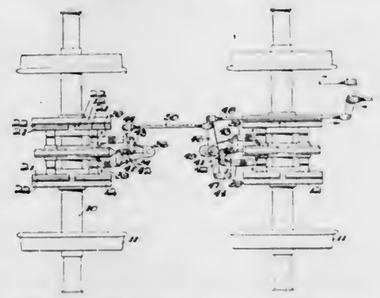
Application April 4, 1947, Serial No. 739,426
12 Claims. (Cl. 105—150)



1. A work carrier for electroplating comprising a pair of similar members adapted at one

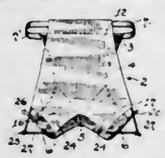
end for suspension from a rail in juxtaposition and contiguous to each other and adapted for engagement with the rail to an appreciable extent both laterally and longitudinally of the rail, each of the contacting surfaces of said members at said end having a protuberance toward the other member, the two protuberances engaging each other to permit a rocking movement of said members, the lower ends of said members being shaped for the suspension of work therefrom.

2,440,020
DISK BRAKE
Best Pratt, Chicago, Ill., assignor to Brake Equipment & Supply Company, Chicago, Ill., a corporation of Illinois
Application June 26, 1945, Serial No. 601,609
15 Claims. (Cl. 188—153)



1. Braking mechanism for vehicles comprising a vehicle axle, brake disks mounted for rotation with said axle, a chambered supporting frame for brake elements mounted on said axle in operative relation to said disks and in rotatable relation to said axle, opposed diaphragms mounted in the chambers of said frame, means for applying fluid pressure to and exhausting it from the opposed faces of said diaphragms, and a plurality of brake blocks carried by such chambered frame and actuated by said diaphragms to engage said disks.

2,440,021
CHAFE PANTIE
Pauline E. Rosenblatt, Cleveland, Ohio
Application March 12, 1946, Serial No. 653,723
7 Claims. (Cl. 128—149)



1. In a chafe pantie a front member, a rear member including a top area and a sector-like bottom area having a radial slit therein, a crotch member extended into said slit and attached with one end to said rear member at the central portion of said slit, a pair of chafing shields attached to the crotch member and said front and rear members to form split leggings with said members, and resilient means for each of said leggings resiliently connecting the free ends of a legging to each other and to the bottom edge of the rear member at a point between the free ends of said legging to resiliently clutch the thighs of a person wearing the pantie and stretch the chafing shields and the bottom area of said rear member around the body of such person.

2,440,022
PACKAGE
Leroy L. Salfisberg, South Orange, N. J., assignor to The Ivers-Lee Company, Newark, N. J., a corporation of Delaware
Application June 29, 1944, Serial No. 542,671
5 Claims. (Cl. 229—48)



3. A container of three-dimensional articles comprising opposed layers of flexible material having inherent resiliency of low degree sealed together in zones that form relatively stiff flanges each of which forms a boundary of a compartment for said articles, the walls of said compartment comprising the portions of said layers disposed inwardly of said flanges, at least one of said layers having marginal portions folded inwardly between said layers in said zones, certain areas of said marginal portions being in abutting contact with and relatively immovably sealed to both said layers in the respective zones while the terminal edges of at least one of said marginal portions project permanently into said compartment beyond said zones and in spaced relation to said walls of the compartment to form barriers between said zones and said articles in said compartment.

2,440,023
CATTLE MARKER
William F. Schacht, Huntington, Ind.
Application October 24, 1945, Serial No. 624,267
7 Claims. (Cl. 40—3)

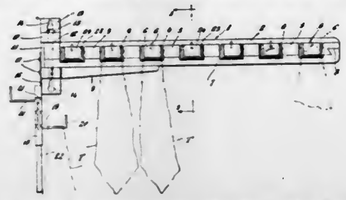


1. A marker for cattle comprising a flexible member adapted to encircle the neck or horns of the animal, a double hook having its eyes secured to the ends of the flexible member respectively; and a marker plate bearing indicia and secured to said hook; said marker plate having a perforation; and a second double hook having one eye engaged in the perforation of the plate and its other eye encircling the central portion of the first hook, thereby forming a clamp to prevent opening of the eyes of the first hook.

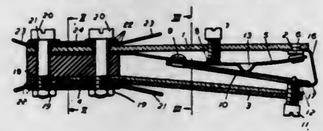
2,440,024
NECKTIE HOLDER
William Schwiering, Bronx, N. Y.
Application May 10, 1945, Serial No. 593,041
2 Claims. (Cl. 211—89)

1. A necktie holder comprising a securing bar from which a pair of lugs is extended, a tie holding bar and an arm being pivotally secured between said lugs, a plurality of cover pieces having means for vertical shifting on said arm and being adapted to exert a downward pressure on neckties hung in recesses at the upper side of said tie holding bar, and a spacing piece secured to said arm

between each two cover pieces, said arm and said tie holding bar being of the same length and having recesses at their outer extremities adapted to interlock with one another when said arm is directly above said tie holding bar.

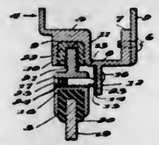


2,440,025
ELECTRIC SWITCH
Sidney Arthur Singleton, Effingham, England, assignor to Thermega Limited, London, England, a British company
Application August 6, 1945, Serial No. 609,082
In Great Britain May 3, 1944
18 Claims. (Cl. 200—138)



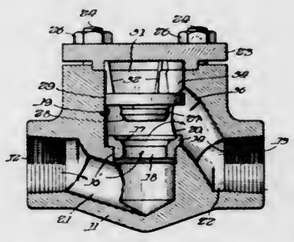
1. An electric switch including in combination a support, a blade spring fixed at one end to said support, an abutment bearing on said spring between the ends of the latter, to flex said spring, a movable contact carried at the free end of said blade spring, a fulcrum abutment carried by said blade spring between the first mentioned abutment and the movable contact, a second contact adapted to be contacted by said movable contact, a transversely curved spring strip bearing between its ends on said fulcrum abutment, means holding said transversely curved spring strip at one end, and actuating means to increase the pressure between said transversely curved strip and said fulcrum abutment whereby after a predetermined pressure said curved strip collapses about said fulcrum to relieve the pressure exerted on said blade spring and to allow said blade spring to straighten out and to carry said movable contact suddenly away from said second contact.

2,440,026
SASH LATCH
Lawrence H. Smith, Chicago, Ill., assignor to Victor M. Langsett, Chicago, Ill., as trustee
Application June 20, 1947, Serial No. 755,856
2 Claims. (Cl. 20—54)



1. In a sliding window structure adapted for use in a vehicle, the combination of a window frame having a channel shaped member with opposite sides, a slidable window sash having sliding engagement within the channel member in guiding relation thereto and with a clearance space between the channel member and the sash, said channel member having a flange carried thereby offset relative to one side thereof and extending in overlapping relation with the adjacent frame member of the sash and overlapping the clearance space between the sash and channel member, and an elongated strip carried by the flange and extending longitudinally thereof, said strip having longitudinally spaced indentations located in a side face thereof opposing an adjacent side face of the window sash arranged to form stops, and a spring-pressed plunger extending transversely through said adjacent frame member of the window sash in position for selective engagement with the indentations in the strip.

2,440,027
LIFT CHECK VALVE
Ludwig T. Stoyke, Chicago, Ill., assignor to Crane Co., Chicago, Ill., a corporation of Illinois
Application September 22, 1943, Serial No. 503,586
5 Claims. (Cl. 251—128)

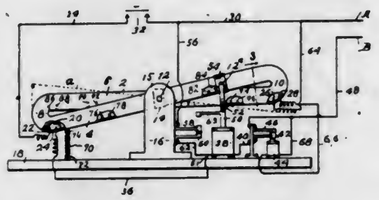


1. In a check valve of the relieved dashpot type, a body having an inlet end and an outlet end, a seat provided in said body and having a port opening therethrough, the said body having means defining a disc guide chamber, a disc mounted for reciprocating movement in said disc guide chamber, means within said body defining a dashpot chamber at the upper end of the disc guide chamber, the said body having an inlet passageway for directing a fluid medium through the port opening in the seat and against the disc to raise same to the upper end of the guide chamber, the said body having a relief port for exhausting fluid from the dashpot chamber in the direction of flow through the valve to thereby provide a differential in pressures adjacent opposite sides of the disc when same is disposed in its maximum open position and serving to maintain the disc in open position, the said disc closely fitting within the said guide chamber for its entire maximum periphery except for that peripheral portion which is interrupted to provide the relief port from the dashpot chamber, means to prevent the disc from completely closing the relief port, the said relief port also serving as the sole means of communication between the seat port opening and the outlet end of the said body.

2,440,028
AUTOMATIC ELECTRIC SWITCH
Robert E. Swisher and George W. Gates, Kansas City, Mo.
Application January 17, 1946, Serial No. 641,704
7 Claims. (Cl. 172—126)

1. In a mercury switch, two tubes communicating at their respective ends and having their longitudinal axes arranged at opposite inclinations

to each other, a suitably supported transverse axis on which the tubes are mounted for simultaneous oscillation, means for effecting oscillation of the tubes involving a normally open electrical circuit, a first pair of terminals sealed in one end of one tube and connected in series with said circuit, a second pair of terminals sealed in the opposite end of the companion tube, a circuit-completing globule of mercury adapted to



describe an orbit through the tubes during the oscillation thereof and contact each pair of terminals, electrical means energized by the normally open circuit, adapted to swing the tubes downward in one direction, means for deenergizing said electrical means and arranged in series with the second pair of terminals, and means for swinging the tubes downward in the opposite direction.

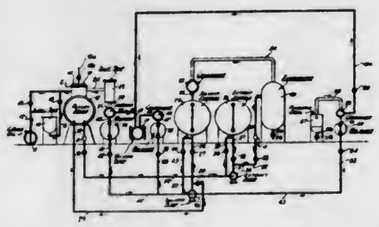
2,440,029

METHOD FOR EXTRACTING PIGMENTS

Joseph M. Tabor, Cleveland, and Howard F. Seibert and Paul R. Frohring, Chagrin Falls, Ohio, assignors to General Biochemicals, Inc., Chagrin Falls, Ohio, a corporation of Ohio

Application October 13, 1943, Serial No. 506,060

1 Claim. (Cl. 260—236.5)



In a process of extracting a heat-sensitive pigment from a pigment-containing saponifiable fatty material, the steps which comprise: reacting said fatty material with an aqueous saponifying agent, agitating the mixture, comminuting the resulting soap by exhausting gases and vapors from the reaction zone to reduce the pressure therein and utilize the heat of saponification to boil and thus evaporate water dispersed throughout the soap mass, the reduction in pressure being such as to ensure a boiling temperature not above the decomposition point of the pigment, said temperature being not above 80° C., thereby disrupting and disintegrating such soap lumps as may form, continuing the evaporation under a partial vacuum effective to maintain a temperature not above the decomposition point of the pigment long enough to convert the soap to a substantially dry, finely divided soap mass, and extracting pigment from said finely divided mass with an organic solvent for said pigment which is a non-solvent for said soap.

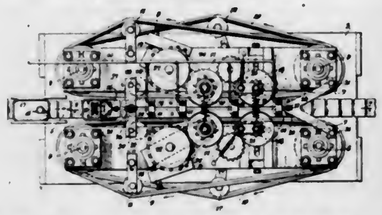
2,440,030

MAGNETIC CAP GUIDE

Douglas W. Thomas, Englewood, N. J., assignor to Boyle-Midway Inc., Jersey City, N. J., a corporation of Delaware

Application May 1, 1946, Serial No. 666,452

6 Claims. (Cl. 226—88)



1. In a container-capping machine, cap-tightening means, conveyor means for moving containers and caps into operative relation with the cap-tightening means, and a magnetic cap guide disposed in spaced parallel relation with the conveyor means ahead of the cap-tightening means.

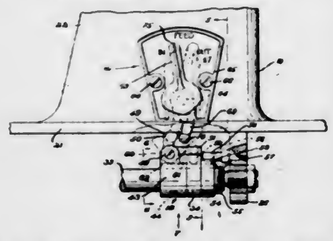
2,440,031

DROP FEED MECHANISM FOR SEWING MACHINES

George B. Wainwright, Glendale, Calif., assignor, by mesne assignments, to William H. Maxwell, Los Angeles, Calif.

Application September 15, 1945, Serial No. 616,554

9 Claims. (Cl. 112—203)



1. A drop feed mechanism for sewing machines or the like including, a feed dog, means including a rock-shaft and a notched lever-arm thereon for normally imparting vertical reciprocatory movement to said feed dog, means for separably coupling said rock-shaft and said lever-arm including a latch pivotally carried by said rock-shaft and having latching engagement with the notch of said lever-arm, means for manually operating said latter means, and means operable upon uncoupling of said rock-shaft and lever-arm for holding said feed dog in non-feeding position.

2,440,032

JET SHAFT SEAL

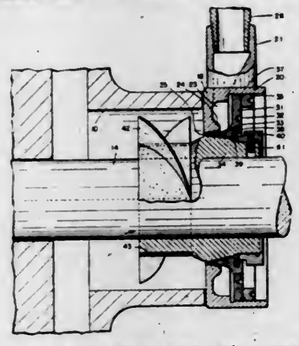
Frank C. Wallace, North Hollywood, and Robert E. Foster, Glendale, Calif., assignors to Monogram Manufacturing Company, Los Angeles, Calif., a corporation of California

Application April 29, 1947, Serial No. 744,610

10 Claims. (Cl. 286—9)

3. A jet shaft seal comprising in combination with a rotary shaft, a low pressure liquid zone surrounding said shaft and a relatively high pressure zone, a seal housing surrounding said shaft and having an annular recess therein, said seal

housing also having a tapered central aperture therein, a jet adjusting plate adjustably mounted in said housing, a tapered annular flange on said jet adjusting plate, said flange being spaced inwardly from said housing to form a jet passage of conical section with the tapered central open-



ing in the seal housing, and being spaced outwardly from said shaft to form a narrow annular passage normally open at its outer end to the atmosphere, and terminating at its inner end jointly with, and at an acute angle to, the jet passage.

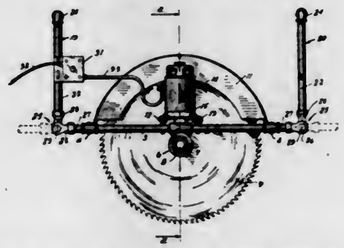
2,440,033

TWO-MAN PORTABLE POWER SAW

George A. West, Guffey, Colo., assignor of forty-nine per cent to George W. Shema, Fairplay, Colo.

Application February 19, 1945, Serial No. 578,585

5 Claims. (Cl. 143—43)



1. In a two man portable power saw, a frame, a shaft journaled on the frame intermediate its ends and transversely of the longitudinal axis of the frame, a saw driven by the shaft, a motor mounted on the frame and connected to drive the shaft, a handle at each end of the frame and comprising a U-shaped structure, adjustable connections between the outer ends of the leg portions of each U-shaped structure and a frame end, said connections permitting the handle to be positioned so that its legs are at an angle to the longitudinal axis of the frame or in a position extending longitudinally from the end of the frame, and means for locking each handle in an adjusted position.

2,440,034

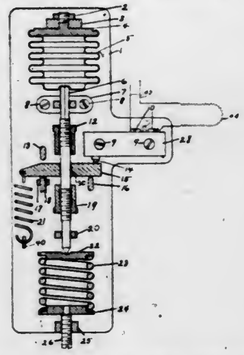
REGULATING DEVICE

Irvin E. Wiegers, Overland, Mo.

Application March 3, 1945, Serial No. 580,905

7 Claims. (Cl. 200—140)

6. A regulating device of the character described, comprising, a member movable in correspondence to variations in the quantity to be regulated, control means for varying the quantity to be regulated, an actuator for said control means having a slip-clutch normally biased to



connect said actuator with said member, means for breaking the slip-clutch connection so made at a predetermined position and direction of movement of said member, and stop means adapted to arrest the movement of said member.

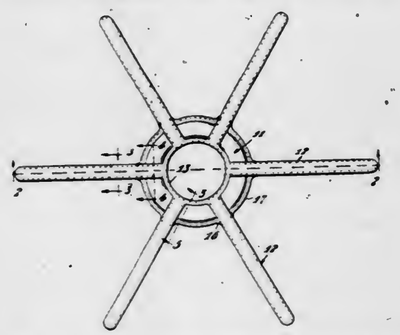
2,440,035

GRATE FOR KITCHEN RANGES

Edward H. Williams, Bayside, and Paul F. Tunke, Ridgewood, N. Y., assignors to The Welbilt Stove Company, Incorporated, Maspeth, N. Y., a corporation of New York

Application July 31, 1945, Serial No. 607,970

3 Claims. (Cl. 126—214)

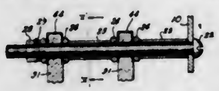


3. A grate of the type described formed from a single blank of sheet metal, said grate comprising a substantially toroidally shaped center section and a plurality of arms extending substantially radially outwardly therefrom, said center section including inner and outer downwardly extending flanges and a web portion therebetween, said arms being substantially U-shaped in cross section and extending to the inner flange of said center section with the top surfaces of said arms above the said web portion with said web portion in between the successive arms, said outer downwardly extending flange on said center section between said arms merging with the sides thereof extending outwardly therefrom, and said arms having downwardly projecting positioning lugs adjacent the free ends thereof.

2,440,036
PROCESS FOR THE CATALYTIC ALKYLATION OF PHENOLS BY AMINES
De Loss E. Winkler, Berkeley, and Seaver A. Ballard, Oakland, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application April 26, 1944, Serial No. 532,887
15 Claims. (Cl. 260—624)

1. A process for the alkylation of xylenol which comprises reacting 3,5-xylenol with a saturated aliphatic primary amine at a temperature of about 350° C. to about 500° C. and a pressure of at least about 5 atmospheres in the presence of an activated bauxite.

2,440,037
FREQUENCY SELECTING SWITCH
Robert T. Wolff, Milwaukee, and William J. Foy, Thiensville, Wis., assignors to Globe-Union Inc., Milwaukee, Wis., a corporation of Delaware
Application July 24, 1944, Serial No. 546,398
4 Claims. (Cl. 174—138)



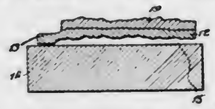
4. In a switch comprising a metallic plate and insulating material plates, all of the plates having holes therethrough adjacent the edges thereof, metallic screws extending through the holes, metallic spacers on the screws between the plates, the plates and the spacers being clamped in spaced relation, and metallic coatings bonded on and extending around the holes through the insulating plates and over the edges thereof between the holes to form an electrical bond between the metallic parts and maintain a uniform electrical potential thereon.

2,440,038
UNIDIRECTIONAL LOCKING APPARATUS
Samuel Stephen Baker, Eatontown, and Raymond F. Batchelar, Hillsdale, N. J., assignors to American Loose Leaf Corporation
Application August 25, 1945, Serial No. 612,694
4 Claims. (Cl. 85—5)



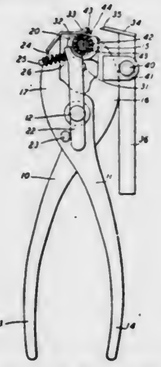
1. Uni-directional locking means for a penetrating member telescoped in a tubular female member, said locking means comprising a split ring on said penetrating member and an arcuate, raised cam member disposed on said penetrating member and adapted to act upon the open ends of said split ring, said arcuate cam member having a portion thereof disposed between said open ends and arcuately diverging beyond said ends, said ring having a normal outer diameter substantially equal to the inner diameter of said female member whereby force applied to said female member in a given direction is imparted to said split ring in the same direction so that attempted movement of said female member in the direction of said arcuate divergence causes said split ring to expand its effective diameter and grip said female member, and so that an opposite force applied to said female member actuates said split ring away from the direction of said arcuate divergence and collapses said ring so as to release said grip.

2,440,039
RETICULATELY PUCKERED LAMINATED PLASTIC SHEET
Nathan J. Brown, Barrington, Ill.
Application August 2, 1943, Serial No. 497,040
6 Claims. (Cl. 117—145)



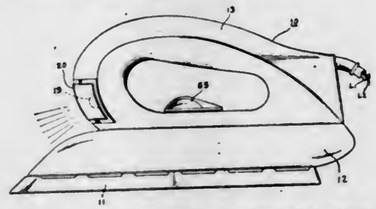
4. Process of producing a reticulately macroscopically puckered sheet comprising applying a solution of a vinyl resin to a preformed dry loosely supported sheet or film of a cellulose compound, employing as the solvent for the vinyl resin a solvent also capable of dissolving the cellulose compound, and drying the laminated structure thus obtained, whereby the partial solvation of the cellulose compound by said solvent produces a reticulate pucker in the sheet, the pucker being in bas-relief on the vinyl resin side and intaglio on the cellulose compound side.

2,440,040
APPARATUS FOR APPLYING TAGS TO ARTICLES
Perry H. Burton, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application September 8, 1944, Serial No. 553,227
2 Claims. (Cl. 81—15)



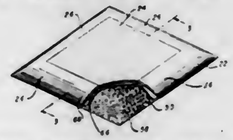
1. A pair of pliers for applying bands to insulated conductors, which comprises a pair of arcuate clamps, a lever member having one of the clamps rigidly secured to an end thereof, a second lever member having the other clamp resiliently mounted on an end thereof, means for securing the lever members together for pivotal movement with respect to each other, a crimper pivotally mounted on the first-mentioned lever member for securing together the ends of a band clamped by the clamps around an insulated conductor, and a forming plate secured rigidly to the second lever member for moving one end of the band over the other prior to securing said ends together and for forming the ends of the band after they have been secured together by the crimper.

2,440,041
ELECTRIC FLATIRON
Earl K. Clark Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 24, 1945, Serial No. 584,539
7 Claims. (Cl. 219—25)



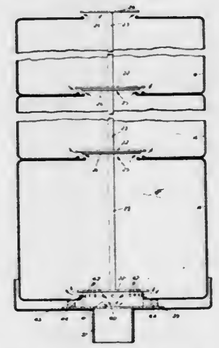
1. A flatiron including a soleplate, electrical heating means, a switch controlling energization of said heating means, means responsive to a temperature in said flatiron and operating said switch to deenergize said heating means upon rise above a predetermined temperature and to energize said heating means upon fall below substantially the same predetermined temperature, adjusting means for varying the predetermined temperature or temperatures at which said temperature-responsive means operates said switch, a lamp carried by the flatiron in such position as to illuminate the material to be ironed, a second switch comprising abutting contacts for controlling said lamp, and a lost motion connection between said temperature-responsive means and said second switch, said lost motion connection being constructed and arranged so that movement of said temperature-responsive means occasioned by variation in said temperature when normally cycling at any adjustment is within the lost motion provided by such connection and said second switch is closed and so that when said temperature-responsive means moves beyond the extent of said lost motion, said second switch is opened.

2,440,042
INDICATING SYSTEM FOR BASEBALL GAMES
Ernest Friedman, New York, N. Y.
Application March 4, 1947, Serial No. 732,249
8 Claims. (Cl. 177—384)



3. A baseball game device comprising a pair of lights the first of which is of one color and the second of which is of a different color, a base housing including an inner casing, a first plurality of positively polarized normally open magnetic switches in said casing and connected to the first of said lights and to a source of electric power, a second plurality of negatively polarized normally open magnetic switches in said casing and connected to the second of said lights and to a source of electric power, shoes wearable by the base man and having negatively polarized magnetic bodies on the soles and heels thereof for actuating at least one of said second plurality of switches to illuminate the second light upon contact of said shoe with the base housing.

2,440,043
STERILIZING AND DISINFECTING APPARATUS
Henry Charles Gould, Grantham, England
Application May 10, 1945, Serial No. 593,030
In Great Britain January 12, 1944
9 Claims. (Cl. 34—87)

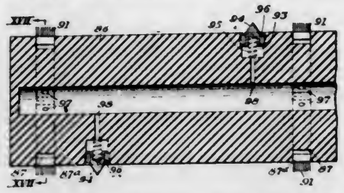


1. Sterilizing, disinfecting and drying apparatus of the kind embodying an enclosed chamber to receive at least one container for articles to be treated and having a base into which a fluid medium admission connection is led; characterized by a seating within said base of said chamber to receive said container and located around said fluid admission connection, a pedestal member projecting above said seating, said pedestal member communicating with said fluid medium admission connection, a valve in said container to admit fluid medium thereinto, and a valve in said container to release fluid medium therefrom, both said valves being operated by said pedestal member when said container is positioned upon said seating.

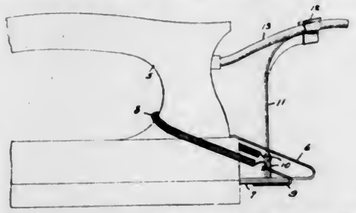
2,440,044
DEVICE FOR MAKING ELECTRICAL-CONDUCTIVITY TESTS ON TUBULAR ARTICLES
Grover R. Greenslade, Scott Township, Allegheny County, Pa., assignor to Flannery Bolt Company, Bridgeville, Pa., a corporation of Pennsylvania
Application March 24, 1943, Serial No. 480,285
4 Claims. (Cl. 175—183)

1. Apparatus for testing hollow articles of electrically conducting material comprising an elongated member insertible into said articles, contacts projecting laterally from said member and spaced longitudinally and circumferentially thereof, a current source connected to said contacts for circulating an electric current longitudinally

and circumferentially through an article when the member is inserted therein so that said contacts engage the interior of the article, and voltage contacts on said member adapted when the member is inserted in the article to engage the latter at points spaced along the path of said current.



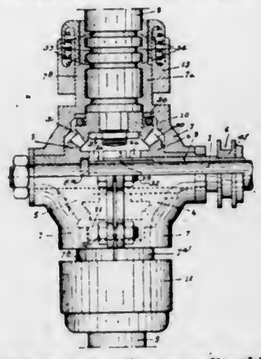
2,440,045
CORD HOLDER FOR ELECTRIC IRONS
Gustav Gunderson, Tremont, Pa.
Application December 3, 1946, Serial No. 713,797
2 Claims. (Cl. 248—52)



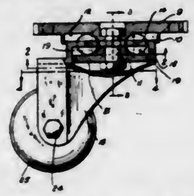
1. In a cord support for use with an electric iron, and having a flexible cord-engaging strip, a base plate extended transversely across the heel of the iron and having its ends projecting beyond the side edges thereof, a removable slide piece slidable on the base plate, strip-supporting brackets on the base plate, and a spring, having one end connected to the slide piece, the other end being connected to the brackets, said spring being extended intermediate its ends around the rear portion of the handle of the iron, and adapted to hold the base plate in position.

2,440,046
REVERSIBLE PROPELLER WITH VARIABLE PITCH
Camille Hautier, Boulogne-sur-Seine, France
Application November 24, 1937, Serial No. 176,367
In France November 26, 1936
Section 3, Public Law 690, August 8, 1946
Patent expires November 26, 1956
3 Claims. (Cl. 170—163)

1. In a variable pitch propeller, a shaft for driving the propeller, a hub-like casing mounted on the shaft, a propeller blade mounted with one end in the hub-like casing for rotation about the axis thereof, a beveled gear arranged in the casing adapted to rotate the blade about the axis thereof, a pair of beveled gears meshing with said first gear at diametrically opposite points, said last mentioned gears being mounted to turn about said shaft and each having teeth adjacent the hub portions thereof, means intermediate said last mentioned gears movable axially with respect to said shaft for selectively engaging the hub teeth of either of said pair of gears, means for transmitting rotary motion of said shaft to said axially movable means, means associated with said first mentioned means adapted to rotate one of the gears of said pair upon engagement thereof during the axial movement of said first mentioned means whereby the propeller blade is rotated about the axis thereof and means limiting the rotation of the first mentioned bevel gear.



2,440,047
CASTER
Edward A. Heller, Detroit, Mich.
Application February 5, 1945, Serial No. 576,292
3 Claims. (Cl. 16—23)



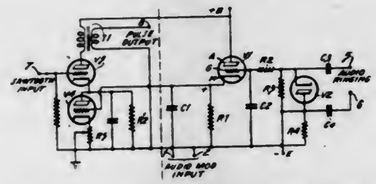
1. In a caster of the class described comprising: a top plate adapted for attachment to a supporting body; a boss projecting centrally downwardly from said top plate and having an opening formed therethrough; an annular flange extending downwardly from said top plate concentrically to and surrounding said boss; a caster head embodying a plate having a plurality of recesses formed therein; a roller rotatably mounted on a radially directed axis in each of said recesses; a circumferential flange projecting downwardly from said last mentioned plate; a bearing plate mounted within said last named flange and extended parallel to said recess-bearing plate; a bolt projecting through said boss and through said plates for securing the same together, said caster head having a central opening for reception of and being rotatable on said boss and said rollers bearing against the upper face of said bearing plate.

2,440,048
FLUORESCENT SILICATE GLASSES AND METHODS FOR MAKING SAME
Harrison P. Hood, Corning, N. Y., assignor to Corning Glass Works, Corning, N. Y., a corporation of New York
No Drawing. Application June 17, 1944, Serial No. 540,793
5 Claims. (Cl. 252—301.4)

3. The method of making a colorless fluorescent silicate glass which comprises introducing into a batch containing a copper compound equivalent to about 0.11% to 0.66% CuO in the finished glass, about .8 to 2.4 parts of ammonium chloride per 100 parts of SiO_2, and melting the batch.

4. A batch for a colorless silicate glass which contains a compound of copper equivalent to 0.11% to 0.66% CuO in the finished glass and .8 to 2.4 parts of ammonium chloride per 100 parts of SiO_2.

2,440,049
ELECTRONIC AUDIO SWITCH
William D. Houghton, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application June 30, 1945, Serial No. 602,447
9 Claims. (Cl. 250—27)



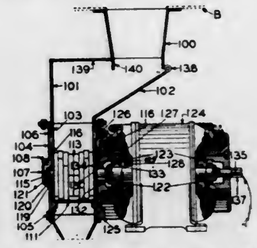
5. An electronic switch comprising a vacuum tube normally biased for a predetermined limiting conduction condition, said tube including an anode, a cathode and a grid, means for supplying said anode with positive polarizing potential relative to the cathode, an output lead connected to said cathode, a pair of connections for supplying an alternating current voltage whose effective value in said output lead is to be controlled, a resistor of a relatively high value connected at one end to said cathode, the other end of said resistor being connected to one of said connections, the other of said connections including a serially arranged condenser also connected to said cathode, and means for supplying said grid with a potential of such polarity and magnitude as to overcome said bias and change the condition of said tube from said predetermined limiting conduction condition to another conduction condition.

2,440,050
RIBOFLAVIN SOLUTION
Albert Ensign Knauf and Frederick Joseph Kirchmeyer, Waukegan, Ill., assignors to Abbott Laboratories, a corporation of Illinois
No Drawing. Application May 13, 1944, Serial No. 535,552
3 Claims. (Cl. 167—81)

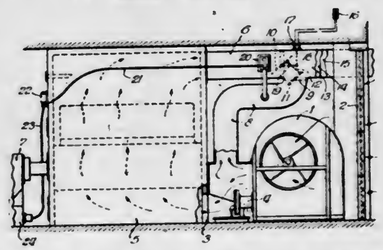
1. A therapeutic solution comprising riboflavin in a concentration greater than 0.011%, veratryl alcohol and water.

2,440,051
GRINDING APPARATUS MOUNTED ON AN OVERHANGING SHAFT
Arthur C. Lind and Robert E. Klein, Milwaukee, Wis., assignors to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin
Application November 22, 1943, Serial No. 511,238
3 Claims. (Cl. 241—73)

2. In a grinding machine, a rotor shaft, and a grinding element journalled on said shaft, said element composed of disc members assembled and locked as a unit, a housing enclosing said grinding element and having a grinding surface cooperating with said grinding element to produce grinding action, bearings supporting said shaft in an overhanging manner, friction means cooperating with said shaft and grinding element causing them to rotate together, and a cover plate secured to said housing enclosing the unsupported end of said shaft, said cover plate having an axially disposed surface sealing said grinding element and arranged to provide bearing support for the shaft through the friction means should the shaft deflect under grinding loads.



2,440,052
AVERAGING CONTROLLER
Ralph A. Lingen and Lloyd E. Cross, Milwaukee, Wis., assignors of one-fourth to Ruth Sharp Lingen and one-fourth to Marie Emmett Cross, Milwaukee, Wis.
Application September 24, 1945, Serial No. 618,310
12 Claims. (Cl. 236—13)

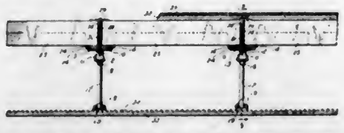


5. In an air treating system, in combination, connected warm and cool air supply ducts, means for regulating the air flow from each duct to supply a given area with air at a predetermined temperature, a unit to temper the air in one of said supply ducts, and control means to regulate the air temperature in said one supply duct comprising a manifold having communication with both ducts, and operable means directly responsive to the direction of flow of air through said manifold from one to the other of said ducts as determined by the pressure differentials established by said duct air flow regulating means, said operable means being connected with said air tempering unit to control the operation of the latter.

2,440,053
FLOOR TILE AND JOIST CONSTRUCTION
Stanley Macomber, North Canton, Ohio
Application May 29, 1945, Serial No. 596,436
7 Claims. (Cl. 72—67)

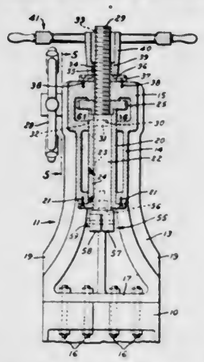
1. A floor construction comprising spaced steel floor joists, each joist having a top chord in the form of a trough with a longitudinal slot therein, a mortar bed in each trough, floor supporting tiles spanning the space between joists and having their end portions bedded upon said mortar beds, metal screws located between opposed ends

of adjacent tiles and driven into said slots, and clips at the upper ends of the screws engaging



the top surfaces of the tiles for firmly fastening the tiles to the joists.

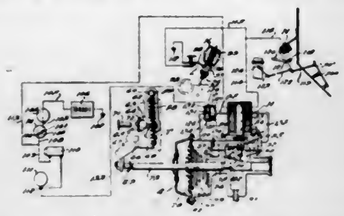
2,440,054
UTILITY PRESS
Newman M. Marsilius, Trumbull, Conn.
Application November 27, 1945, Serial No. 631,081
4 Claims. (Cl. 164—101)



1. In a press, a bed, a yoke-like frame having its arms secured to opposite edge portions of said bed, said frame including an intermediate vertically extending hollow portion having a head at its upper end, a bar vertically movable in said vertically extending portion, a screw connected to said bar but rotatable relative thereto and extending to the upper side of said head, a hand wheel about the upper end portion of said screw above said head, and comprising a hub, a bushing within and keyed to said hub, means securing said bushing to said frame head but for turning movement relative thereto, a key and keyway connecting said bushing and said screw, a worm wheel threaded to said screw within said head, a worm meshing with said worm gear, a hand wheel for turning said worm, and means holding said worm wheel against any but turning movement in said head.

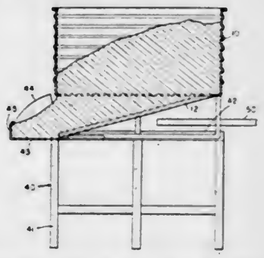
2,440,055
POWER TRANSMISSION
Victor E. Matulaitis, Highland Park, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application November 14, 1940, Serial No. 365,591
27 Claims. (Cl. 74—472)

1. In a drive for a motor vehicle having an engine; transmission mechanism operable to provide a drive between the engine and the vehicle, said mechanism including positively engageable drive-control elements one of which is movable into engaging relationship with the other to accommodate said drive and into disengaging relationship with respect to said other element to release said drive, said elements when relatively engaged being subject to thrust-application therebetween during said drive so as to resist relative disengagement thereof to release said drive until said thrust-application is relieved; an ignition system for said engine adapted to be interrupted to relieve said thrust-application; pressure fluid operating means adapted for pressure fluid op-



eration to control movement of said movable element into one of its said relationships and to be vented to control movement of said movable element into the other of its said relationships; and means responsive to pressure fluid variation at said pressure fluid operating means for effecting interruption of said ignition system.

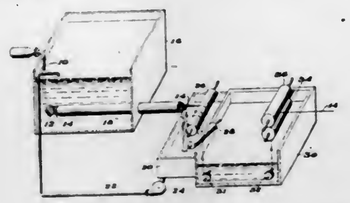
2,440,056
DUMPING BOX
Brouwer D. McIntyre and William D. McIntyre, Monroe, Mich., assignors to Monroe Auto Equipment Company, Monroe, Mich., a corporation of Michigan
Application August 5, 1946, Serial No. 688,462
21 Claims. (Cl. 222—185)



12. In combination, a supporting stand including a forwardly projecting ledge with front and side walls, a self-contained portable dumping box removably supported on said stand and including a bottom closure pivotally connected to said box for swinging movement toward and away therefrom, and supporting means for supporting said box on said stand far enough above the plane of said ledge to permit material within said box to slide along said bottom, when the latter is in a downwardly swung open position, and toward said stand and onto said stand ledge.

2,440,057
PRODUCTION OF VISCOSE RAYON
Frederick R. Millhiser, Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application March 15, 1944, Serial No. 526,512
11 Claims. (Cl. 18—54)

11. A process for spinning viscose rayon yarn which comprises extending viscose through a spinneret into a coagulating bath to produce a continuous filament yarn, stretching the resulting yarn at a tension not to exceed 0.06 gram per denier until said tension will no longer impart a substantial stretch to the yarn, causing coagulating bath to flow in the direction of movement of the yarn, maintaining said yarn in cocurrent



contact with said coagulating bath liquid at a tension not exceeding 0.06 gram per denier until it will withstand a tension of at least 0.5 gram per denier, with the yarn travelling at a speed slightly in excess of the speed of the cocurrent coagulating bath liquid, and then stretching said yarn.

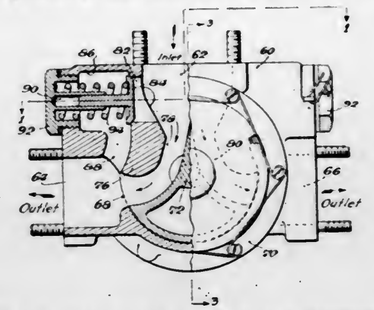
2,440,058
WIRE TWISTER
Walter B. Mitchell, Seattle, Wash.
Application September 5, 1945, Serial No. 614,523
3 Claims. (Cl. 140—118)



1. A wire twister adapted to assist in forming a loop and twisting the free end of the loop on fishing line leaders comprisig a wire receptive and backing plate, said plate being flat on at least one side and having an outstanding hook at one end adapted to hook over the spindle-forming portion of the wire, said plate having a similar hook at its opposite end in alignment with the first-named hook and thus properly adapted for passage and retention of another portion of the wire, said plate, at its last-named end, being provided with an extension and said extension projecting beyond said hook and forming a finger, said finger being such and so situated in respect to the hook to coact with a free end portion of the wire, after the latter has been looped, this in a manner to twist said free end portion by coiling same around said spindle portion.

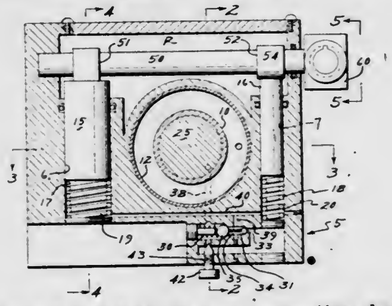
2,440,059
FLUID FLOW REGULATOR
James Olcott and Allan C. Hoffman, Dayton, Ohio, assignors to United Aircraft Products, Inc., Dayton, Ohio, a corporation of Ohio
Application September 16, 1943, Serial No. 502,682
5 Claims. (Cl. 137—166)

1. In a fluid flow divider, a casing having an inlet and a pair of outlets, separator means in said casing movable in opposite directions for selectively closing one or the other of the outlets, respectively, and having an intermediate position in which said outlets are open, pressure responsive means in said outlets connected to said separator means for moving the latter in response to an increase in the dynamic pressure of the fluid flowing through one outlet over that of the fluid flowing through the other outlet to a position closing the outlet from which flows the fluid of greater dynamic pressure, and means for bypassing fluid around said separator to the outlet



closed by said separator when the pressure at said inlet rises to a predetermined value.

2,440,060
PUMP FOR HYDRAULIC JACKS
Herbert E. Page, Alhambra, Calif.
Application October 27, 1944, Serial No. 560,572
6 Claims. (Cl. 103—37)

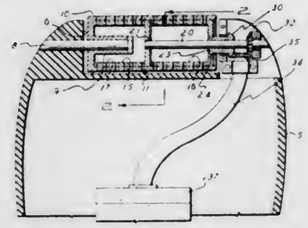


1. In a hydraulic pressure-generating device, a body providing a closed compartment and a pair of parallel cylinders opening into the compartment, a pumping piston reciprocally mounted in each cylinder and having its outer end exposed to the compartment, the inner end of each piston forming with the inner end of its cylinder a pressure-generating chamber one of the cylinders and its corresponding piston being of larger diameter than the other cylinder and its corresponding piston, a pair of cam members in the compartment journalled in the body for rotative camming engagement with the outer ends of the pistons to move the same in their pressure strokes, means for actuating the cam members, spring means cooperating with each of the pistons to move the same in its suction stroke, first valve controlled means for admitting fluid to the pressure-generating chamber upon each suction stroke of the respective pistons, and second valve-controlled means passing fluid under pressure from the pressure-generating chambers upon each pressure stroke of the respective pistons.

2,440,061
POWER-DRIVEN DRY SHAVER
Herbert E. Page, Alhambra, Calif.
Application April 30, 1945, Serial No. 590,998
3 Claims. (Cl. 30—43)

3. In a dry shaver having a body and power means, an outer cylindrical perforated cutter

head mounted on the body for free rolling movement over the skin of the user, a pair of inner cutter elements disposed end to end and nested in the outer head, and means operatively connecting the inner cutter elements to the power means, comprising a shaft journalled in the body and fixed to one of the inner cutter elements, a bevel gear fixed on said shaft, a sleeve rotat-



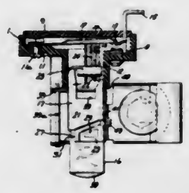
ably mounted on the shaft and fixed to the other inner cutter element, a bevel gear fixed on the sleeve and disposed opposite the other bevel gear, a third bevel gear meshing with both said bevel gears whereby rotation of the third bevel gear rotates the other gears in opposite directions relative to each other, and means drivingly connecting the power means to the third bevel gear.

2,440,062
PICTORIAL DISPLAY DEVICE
Lini Allen, Berkeley, Calif.
Application September 25, 1945, Serial No. 618,503
2 Claims. (Cl. 35—1)



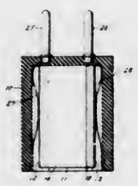
1. A pictorial display device, intended for the progressive revelation and display of graphic representations over a pre-selected period of time in a manner combining the elements of surprise and suspense, which comprises: a planar backing element containing upon a surface thereof a plurality of divisions of graphic material of varied substance and form; a cover sheet superimposed upon said backing element so as to conceal the graphic material contained upon the confronting surface of the backing element; a plurality of viewing apertures disposed in said cover sheet in number and orientation corresponding to the underlying divisions of graphic material contained upon the backing element; a closure for each of said apertures arranged to conceal the underlying graphic material, respectively, of each of the divisions when in closed position, and to reveal said material when in open position; suitable indicia associated with each aperture and closure by which it may be identified, and by which, in relation to each other, a progressive sequence for the consecutive revelation and display of the underlying graphic material might be established; and a pictorial design upon the outer face of said cover sheet in which the apertures and closures thereof are artistically accommodated as a representational part so as to become integrated thereby into a logical association.

2,440,063
PUSH-BUTTON SWITCH
John Lewis Andrews, Fairfield, Ill., assignor to Hotpoint Inc., a corporation of New York
Original application December 22, 1944, Serial No. 569,296. Divided and this application February 2, 1946, Serial No. 645,176
5 Claims. (Cl. 200—167)



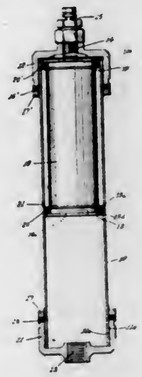
1. A push button switch comprising a base, contact means supported on the base, means for actuating the contact means comprising a plurality of slides having cam surfaces and a plurality of push buttons cooperatively associated with the slides, each push button comprising a fabricated plunger made from a single piece of sheet metal by a punching and forming process, said plunger having side, front and rear walls the side walls forming at one end lugs with openings and the rear wall forming at an opposite end a cylindrical pin extending toward the front wall for engaging the slides, and a light-reflecting prism-shaped member made from transparent material and having side walls with projections fitting the openings of said lugs.

2,440,064
PIEZOELECTRIC CRYSTAL APPARATUS
David C. Arnold, Oliver T. Strand, Jr., and Roy V. Lewis, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York
Application January 13, 1944, Serial No. 518,096
10 Claims. (Cl. 171—327)



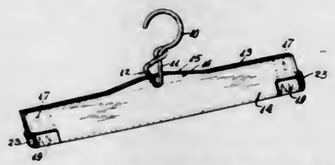
1. Piezoelectric crystal apparatus comprising a slotted casing of insulating material, a laminar piezoelectric element loosely supported within said slotted casing for limited movement in all directions, said element having two metalized electrode surfaces each comprising the greater portion of one major face and at least a portion of one of a pair of opposite minor faces of said element, a pair of external electric connectors mounted upon said casing, and spring means electrically connected to said external connectors and positioned within said casing in engagement with said metalized minor faces, said spring means providing no appreciable mechanical support for said piezoelectric element.

2,440,065
PISTON TYPE ACCUMULATOR
Benjamin N. Ashton, Kingston, N. Y., assignor to Electrol Incorporated, Kingston, N. Y., a corporation of Delaware
Application October 27, 1944, Serial No. 560,703
3 Claims. (Cl. 138—31)



1. An accumulator for hydraulic systems comprising a cylinder having closures at its opposite ends, means at one end of said cylinder for connecting said cylinder to a hydraulic system, a gas check valve at the opposite end of said cylinder, means forming a vent to atmosphere in the side of said cylinder substantially midway between its ends, an elongated piston slidable in said cylinder, and toroidal, rubbery sealing rings mounted on said piston adjacent its ends and engaging the cylinder walls on opposite sides of said vent in all positions of said piston.

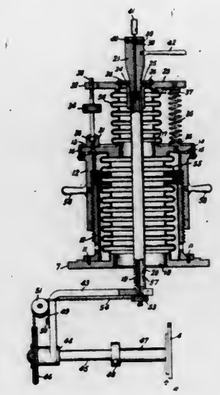
2,440,066
TROUSER HANGER
Thomas A. Bell, Ridgefield Park, N. J.
Application March 18, 1947, Serial No. 735,340
4 Claims. (Cl. 223—96)



1. A device of the character described comprising a hook, an integrally formed transversely extending triangular member dependent therefrom and having a plurality of grooves formed in the lower end thereof, a pair of trouser gripping members adapted to be selectively placed in said grooves and means for urging the trouser gripping members together.

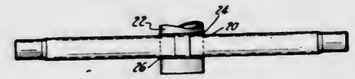
2,440,067
MANIPULATOR
Igor B. Bensen, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application November 10, 1945, Serial No. 627,952
10 Claims. (Cl. 250—49.5)

1. In a device for controlling the position of an article, the combination including a pair of coaxial shafts, means supporting said shafts, a frame member supported by one of said shafts for rotation thereby about a first axis, article supporting means including a shaft supported by said member and arranged to be rotated by the



other of said shafts about an axis inclined at an angle to said first axis, and means for varying the position of the axis of said pair of shafts relative to said shaft supporting means.

2,440,068
SUPPORTING BEAM FOR AIRCRAFT LANDING GEARS
George E. Beringer, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application April 7, 1945, Serial No. 587,058
8 Claims. (Cl. 244—100)

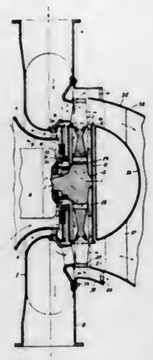


8. For an aircraft landing gear, a trunnion comprising a formed tube supporting the landing gear at a point mid-length of the tube and pivotally supported at each end on end fittings mounted on the body of the aircraft, said tube having an appreciable diminution in outside diameter progressing from the mid-length point toward the ends, while having a relatively slight increase in wall thickness such that the cross-sectional area of the annular metal surface in the end portions is appreciably less than the cross-sectional area of the annular metal surface in the mid-length portion.

2,440,069
HIGH-TEMPERATURE ELASTIC FLUID TURBINE
David J. Bloomberg, Newton, Mass., assignor to General Electric Company, a corporation of New York
Application August 26, 1944, Serial No. 551,400
4 Claims. (Cl. 60—41)

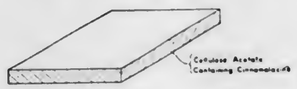
2. Gas turbine comprising a bucket wheel having a disk and a plurality of circumferentially spaced buckets attached thereto, a shaft secured to the disk, a bearing for the shaft, a nozzle box concentrically surrounding the bearing and having a ring of nozzles for conducting operating

gases to the buckets, means for cooling the bearing and the disk including a cooling plate having inner and outer edges secured to the disk and forming a cooling space therewith, and means for circulating air through said space including chan-



nels formed in the buckets, each bucket having an outer portion with two radially spaced shrouds defining a passageway for gases leaking radially along the clearance space between the buckets and the nozzles.

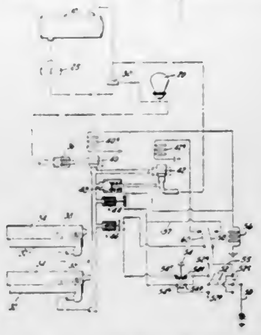
2,440,070
OPTICAL FILTER AND METHOD OF MANUFACTURE
Elkan R. Blout, Cambridge, and Ralph M. Gofstein, Haverhill, Mass., assignors to Polaroid Corporation, Cambridge, Mass., a corporation of Delaware
Application October 28, 1944, Serial No. 560,800
15 Claims. (Cl. 88—115)



14. As a new product, a light-filtering material adapted to absorb ultra violet radiation, said material comprising a sheet of light-transmitting plastic material comprising cellulose acetate and having incorporated therein a selectively light-absorbing agent comprising cinnamalazine.

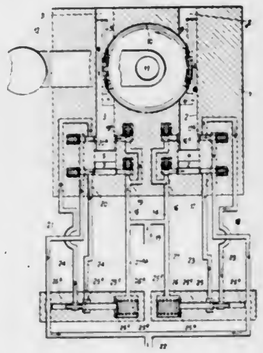
2,440,071
SEMIAUTOMATIC HYDRAULIC-ELECTRIC GUN CHARGER
Joseph M. Boshka, George A. Goepfrich, and Frank V. Kuzmitz, South Bend, Ind., assignors to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application March 15, 1945, Serial No. 582,824
16 Claims. (Cl. 89—1)

1. The combination with a machine gun having a bolt stud reciprocable during normal gun operation, of a hydraulic system comprising a charging device for retracting the bolt stud and then releasing the same for countermovement, a source of fluid under pressure connected to the charging device, means operable for controlling the flow of said fluid under pressure to the charging device, means operable for exhausting said fluid in said charging device, and means for controlling a charging cycle including a pair of devices responsive to predetermined high and low pressures respectively acting in said charging device, said high pressure device constructed



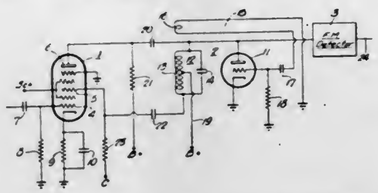
and arranged to control said first-named means, said low pressure device constructed and arranged to control said second-named means, whereby reciprocable movement of the bolt stud is obtained.

2,440,072
HYDRAULIC PUMP
Douglas Gerhard Booth, Ilford, England, assignor to The Plessey Company Limited, Ilford, England, a British company
Application February 24, 1945, Serial No. 579,658
In Great Britain March 3, 1944
5 Claims. (Cl. 103—11)



1. A pump comprising in combination a pump body containing at least two pump cylinders, conduits for communicating respective ends of the pump cylinders with the supply and discharge sides of the pump and a by-pass communicating with the ends of each individual pump cylinder and a passage leading to the discharge conduits, inlet and discharge valves closing the inlet and discharge passages leading to and from the respective ends of the pump cylinder, common actuating means operatively connected to said pistons, and a separate spring loaded valve provided with a stem closing the passage in the by-pass between the ends of each cylinder and the stem of each said spring loaded valve closing the passages between the discharge conduit and by-pass conduit in said valve body.

2,440,073
SYNCHRONIZED OSCILLATOR CIRCUIT
William E. Bradley, Swarthmore, Pa., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application October 9, 1945, Serial No. 621,343
11 Claims. (Cl. 250—36)



11. In a system wherein it is desired to synchronize an oscillator with a frequency-modulated carrier wave, an oscillator whose normal frequency corresponds to that of the unmodulated carrier wave, means for producing two current pulses during each cycle of the unmodulated carrier wave and the oscillator voltage, and for causing the relative amplitudes of said pulses to vary according to frequency variations of the modulated carrier wave, and means for utilizing said pulses to control the oscillator frequency according to the frequency variations of the modulated carrier wave.

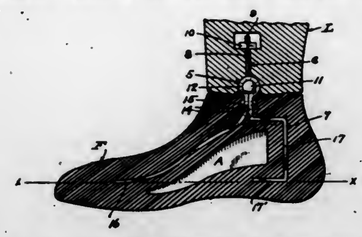
2,440,074
FASTENER
Kenly C. Bugg, Fort Wayne, Ind.
Application April 14, 1943, Serial No. 483,050
16 Claims. (Cl. 85—38)



1. A fastener adapted to secure a pair of objects together, said objects having aligned apertures, said fastener comprising a stem having a head engageable with one of said objects and a body portion extending through said apertures, said head being of slightly less size than said apertures whereby it is insertable therethrough, and a shank having a head engageable with the other of said objects and having a shank body extending through said apertures, said shank body and stem filling said apertures a portion of the body portion of said stem being adapted to be positioned to engage said other of said objects.

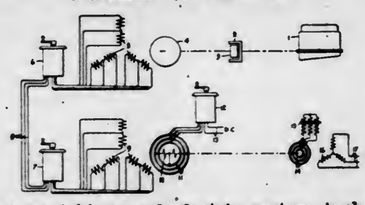
2,440,075
ANKLE JOINT AND REINFORCING MEMBER FOR PNEUMATIC FEET
Harry C. Campbell, Youngstown, Ohio, assignor to The Campbell-Edwards Pneumatic Artificial Foot Company, Youngstown, Ohio
Application April 24, 1946, Serial No. 664,526
3 Claims. (Cl. 3—8)

1. The combination with an artificial leg, a pneumatic foot, a lower ankle joint member molded in the foot and surrounding the upper portion of the air compartment therein, a substantially cylindrical head formed on the lower ankle joint member disposed outward of the upper surface of the foot with its bore extending laterally of the foot, an upper ankle joint member of substantially T-shape configuration removably secured to the lower portion of the



leg by its stem and having its arms removably and pivotally disposed in the head.

2,440,076
ENGINE TEST SYSTEM
George E. Cassidy, Alplaus, N. Y., assignor to General Electric Company, a corporation of New York
Application December 22, 1944, Serial No. 569,336
9 Claims. (Cl. 318—148)

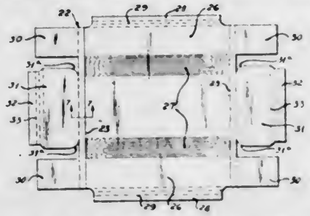


1. A variable speed electric system including an alternating current dynamoelectric machine having an alternating current winding, means for transmitting power between said alternating current dynamoelectric machine and a source of mechanical power, a second alternating current dynamoelectric machine having an alternating current winding, means for changing the number of poles of said second alternating current dynamoelectric machine for controlling the frequency and speed thereof, means for electrically connecting said first-mentioned alternating current dynamoelectric machine alternating current winding to said second alternating current dynamoelectric machine alternating current winding for transmitting electrical power therebetween, a third dynamoelectric machine, means for transmitting mechanical power between said dynamoelectric machine and said third dynamoelectric machine, means for transferring power between said variable speed electrical system and an independent source of electrical power including means connecting said third dynamoelectric machine to such independent source of electrical power other than said first two-mentioned dynamoelectric machines.

2,440,077
COVERING MEMBER FOR ARTICLES OF LUGGAGE
Louis H. Clark, New York, N. Y.
Application August 2, 1946, Serial No. 687,893
5 Claims. (Cl. 229—32)

1. A one-piece blank for forming a covering member of a section of an article of luggage, said blank having a quadrilateral central body portion whose adjacent edges are normal to each other, said central portion being adapted to form the covering bottom wall and having a top and a bot-

tom flap and a plurality of scorings defining the juncton of the central portion with each such flap, the top and bottom flaps being adapted to be folded upwardly along said scorings to form the covering front and rear walls with rounded bottom edges, two folds each extending along a side edge of the central portion and the top and bottom flaps at right angles to the above mentioned scorings, two oppositely disposed side flaps extending laterally from the folded side edges of the central portion and adapted to be folded upwardly to form the covering side walls with the folds forming outwardly extending flanges, portions of the side flap edges adjacent the folds



being arcuate and conforming to the rounded bottom edges of the covering, two oppositely disposed wings extending laterally from the folded side edges of the top and bottom flaps and adapted to be folded inwardly with respect to and to reinforce the covering side walls, and a tab extending along the outer edge of each of the four flaps and adapted to form resilient top portions of the front, back and side walls of the covering, each tab having three spaced scorings adjacent and parallel to its junction with a flap, that portion of each tab between the outer edge of said tab and the intermediate line of said three score lines having a length which is less than the length of its adjacent flap.

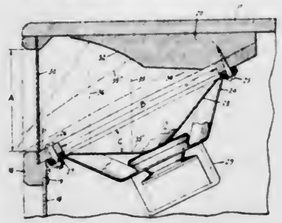
2,440,078

RADIO CABINET AND SPEAKER MOUNTING

George F. Devine, Easton, Conn., assignor to General Electric Company, a corporation of New York

Application March 17, 1943, Serial No. 479,523

3 Claims. (Cl. 181—31)



3. The combination of a cabinet having a wall with an elongated opening therein, a cone-shaped sound emitting diaphragm having a periphery whose diameter is substantially larger than the small dimension of said opening being supported within said cabinet, the periphery of said diaphragm being located in a plane which intersects the plane of said opening substantially adjacent one side of said opening, a sound reflector having an edge positioned adjacent the side of said opening opposite to said one side across the small dimension of said opening and including a pair of angularly related surfaces, one of said surfaces lying in a plane which intersects the plane of said periphery at the side of said diaphragm opposite said opening and the junction of said surfaces being located substantially opposite the middle of said diaphragm, the angular relationship between said reflector surfaces and said diaphragm being such that lines perpendicular to the respective sides of said diaphragm and forming equal angles of incidence and reflection with a corresponding one of said surfaces are directed through said opening.

2,440,079

REFRIGERATING MACHINE

Audoin d'Halloy, Paris, France

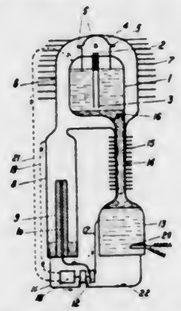
Application August 29, 1939, Serial No. 292,497

In Luxemburg September 13, 1938

Section 3, Public Law 690, August 8, 1946

Patent expires September 13, 1958

8 Claims. (Cl. 62—5)



1. In refrigerating apparatus, a vessel having a solution of a refrigerant therein, a receptacle having liquid refrigerant therein, a tube connecting said vessel with said receptacle, a supply of liquid filling said tube, said liquid being immiscible with said solution of the refrigerant and immiscible with the liquid refrigerant, and means for cooling said tube.

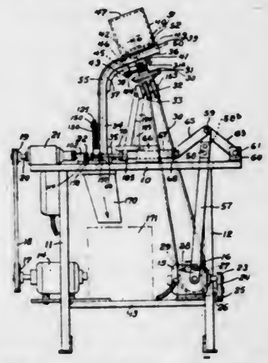
2,440,080

MACHINE FOR TRIMMING PRIMER CUPS AND THE LIKE

Herbert P. Eck, Martin M. Karlan, and Cosimo Perrucci, New York, N. Y.

Application June 3, 1943, Serial No. 489,518

6 Claims. (Cl. 90—21)



1. In a machine for finishing the ends of drawn cups or shells, a support, a finishing tool carried

on said support, and means for driving the same, a work holder reciprocatively movable on said support toward and away from said tool, mechanism for moving said work holder including serially arranged linkages one end of which is connected to a cross-head carrying said work holder and the other end of which is connected to said support, an intermediate pivotal connection between the linkages moved upwardly to move the work holder away from said tool and adapted to be moved to the infinite plane as work in said holder is engaged by said tool, and settable stops associated with said work holder for positively limiting the movement of said work holder in the direction of said tool.

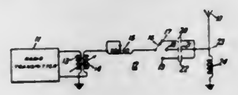
2,440,081

TUNING ARRANGEMENT

Clifford G. Fick, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application August 24, 1942, Serial No. 455,827

2 Claims. (Cl. 250—33)



2. In combination, a source of high frequency energy, an antenna arranged to radiate such energy and exhibiting high inductive reactance at the frequency of energy from said source, an inductance connected between said antenna and ground having an inductive reactance at the frequency of energy from said source small relative to the reactance of said antenna, a capacitive reactance connected between said source and the point of connection of said antenna and said inductance, said capacitive reactance being of such value as to resonate the inductive reactance presented to said point by said antenna and said inductance at the frequency of said high frequency energy.

2,440,082

THERMALLY VAPORISABLE FUMIGANT COMPRISING SENSITIZED AMMONIUM NITRATE AND A PESTICIDE

John Stocks Flanders, West Kilbride, and Elwyn Jones, Ardrossan, Scotland, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application April 1, 1946, Serial No. 658,882. In Great Britain June 4, 1945

8 Claims. (Cl. 167—40)

1. A fumigating composition consisting of a mixture comprising a thermally vaporisable pesticidal compound, ammonium nitrate and an ammonium nitrate-sensitising salt of chromic acid in amount sufficient to render the composition capable of propagating throughout itself at ordinary atmospheric pressure an exothermal reaction when initiated by local heating.

2,440,083

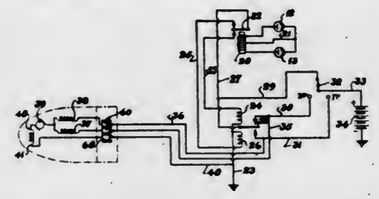
CONTROL MECHANISM

Paul R. Gley, Haledon, N. J., assignor to Curtiss-Wright Corporation, a corporation of Delaware

Application May 19, 1943, Serial No. 487,839

5 Claims. (Cl. 318—265)

3. In a control system, an electrical motor, a winding for rotating the armature of said motor in one direction, a winding for rotating the armature of said motor in reverse direction, means for energizing said windings individually, said last named means comprising a light-responsive cell system, said light-responsive cell system comprising a pair of members, a pair of



light-responsive devices and a cooperative light source carried by one of said members, the other member being adapted to control the passage of light from said light source to said light-responsive devices, and means for moving said one member to a desired position relative to said other member.

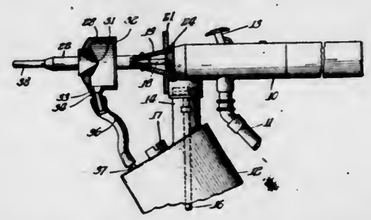
2,440,084

LITHOGRAPH SPRAY DEVICE

Lawrence B. Goda, Sr., Chicago, Ill.

Application February 4, 1944, Serial No. 521,027

5 Claims. (Cl. 91—45)



1. A lithographic spray device, comprising a guide member, means to support said guide on an airbrush generally parallel to the axis of a spray produced thereby, means longitudinally adjustably carried by said guide member forming an aperture aligned with said spray, means for trapping liquid which does not pass said aperture, and a spring pressed extension on said guide member adapted to engage a lithograph surface to position said orifice with respect thereto.

2,440,085

MACHINE FOR APPLYING CLOSURES AND SEALING JARS

Gustave Glocker, Washington, D. C., assignor to Super-Seal Container Corporation, Washington, D. C.

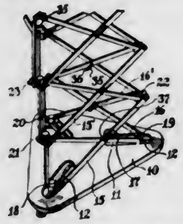
Application June 5, 1944, Serial No. 538,775

6 Claims. (Cl. 226—80)

1. In a closure-applying machine of the class wherein a jar is transported to a closure-applying station and moved axially into engagement with a closure, reciprocating transporting means for laterally sliding a closure from a position of storage to said closure-applying station, a head plate resiliently bearing upon said closure during said sliding movement, a pawl mounted in said head plate at said closure-applying station

ing of hydrogen and hydrocarbon radicals, whereupon the dithiocarbamic acid adds to the alpha-beta unsaturation and ring closure occurs to form a 2-mercapto thiazine having a single bond between the ring carbon atoms in the 5 and 6 positions and then recovering the said 2-mercapto thiazine.

2,440,096
EXTENSIBLE SUPPORT
Webster W. Jury, Pines Lake, N. J.
Application June 7, 1945, Serial No. 598,127
2 Claims. (Cl. 248—157)



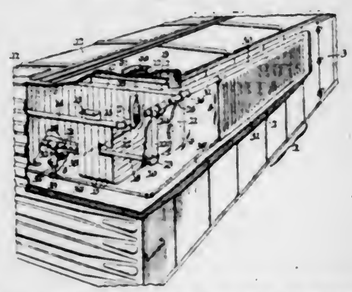
1. An extensible support comprising three pantagraphs arranged and connected to form a triangle, each pantagraph comprising sets of cross arms pivoted to each other, the outer ends of said arms of each set being pivoted to a common member to which are pivoted the adjacent outer ends of the arms of the next adjacent pantagraph, and a counterbalancing spring mounted on and encircling the pivot of each pair of cross arms and so connected to the pivot and cross arms as to extend said pantagraphs and to hold the cross arms in frictional engagement with each other and hold the pantagraph arms in all positions of adjustment.

2,440,097
TROUGH SEPARATOR WITH VERTICAL CLASSIFYING CURRENT
Collier H. Kear, Richmond Hill, Long Island, N. Y.; Dorothy E. Kear administratrix of said Collier H. Kear, deceased
Application May 9, 1945, Serial No. 592,792
6 Claims. (Cl. 209—155)



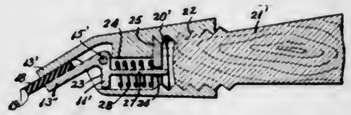
1. Apparatus for connection to the apertured lower part of a receptacle which is adapted to receive an aggregate of pieces having different specific gravities and for producing in such receptacle an ascending stream of water, comprising a closed chamber having an aperture in the upper part thereof adapted to register with the aperture in the lower part of the receptacle and having at least one exit orifice in the lower part thereof, water supply means extending into the closed chamber and having an aperture in the lower part thereof below the aperture in the upper part of the chamber, a plate positioned within the chamber below the aperture in the water supply means whereby a stream of water discharged downwardly from the aperture in the water supply means will impinge against the plate and rise about the water supply means and ascend through the aperture in the upper part of the chamber, and means for moving the plate toward and away from the water supply means to vary the force and volume of a stream of water discharged from the aperture therein.

2,440,098
RAILROAD CAR REFRIGERATED BY DRY ICE AND A SECONDARY REFRIGERATING SYSTEM
William M. Keller, Merion, Pa., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa., a corporation of Pennsylvania
Application December 26, 1946, Serial No. 718,400
9 Claims. (Cl. 62—91.5)



2. In combination with a railway refrigeration car a refrigeration system comprising an insulated ice bunker having heat transfer pipes connected to top headers and a common bottom header, a cooling evaporator disposed within the lading space of the car, a thermostatic control valve connected to the common bottom header and responsive to temperature variations in the lading space of the car, a circulating pipe connecting the top headers to the top of the evaporator and a circulating pipe connecting the control valve to the bottom of the evaporator.

2,440,099
SQUEEGEE WITH BLADE-HOLDING GRIP RESPONSIVE TO HANDLE SETTING
Jacob Kind, Astoria, Long Island, N. Y.
Application September 23, 1944, Serial No. 555,435
2 Claims. (Cl. 15—245)



1. A squeegee comprising a member having an internally screw threaded socket opening at one end of the member and provided with a longitudinal passage disposed eccentrically of said socket and extending away from said screw threaded socket, said member being provided with a rigid jaw extending laterally of said member on both sides thereof and forwardly of said member, a movable lever pivotally supported in said member and provided with a movable jaw disposed in opposition to said rigid jaw and including a lever arm movable in said passage, a rigid stem on said lever arm projecting through the passage, a stop in said member disposed at the inner end of said passage through which the rigid stem projects, and a screw threaded handle engaging the screw threaded socket and adapted to bear against said stem to provide clamping pressure by said movable jaw to clamp a squeegee member against said rigid jaw.

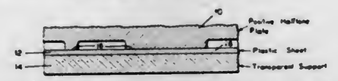
2,440,100
SOLVENT FOR DEGREASING IRON AND ALUMINUM
Walter Klabunde, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application August 24, 1945, Serial No. 612,553
4 Claims. (Cl. 252—172)

1. A liquid solvent composition for degreasing iron and aluminum consisting essentially of trichlorethylene and 0.02 to 1% by weight of an inhibitor for condensation reactions of trichlorethylene catalyzed by the aforesaid metals, said inhibitor being a thiophene selected from the group consisting of thiophene, 2-methyl thiophene and 3-methyl thiophene.

2,440,101
TRIS-(TRIMETHYLSILYL) BORATE AND METHOD OF PREPARING THE SAME
Robert Henry Krieble, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
No Drawing. Application May 7, 1947, Serial No. 746,629
3 Claims. (Cl. 260—448.2)

1. Tris-(trimethylsilyl) borate.

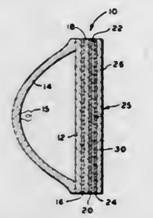
2,440,102
PROCESS OF MANUFACTURE OF LIGHT POLARIZING TWO TONE IMAGE ON A SHEET
Edwin H. Land, Cambridge, Mass., assignor to Polaroid Corporation, Cambridge, Mass., a corporation of Delaware
Application May 31, 1944, Serial No. 538,177
4 Claims. (Cl. 88—65)



1. The method of forming a desired halftone image having predetermined polarizing portions and non-polarizing portions in a sheet of transparent plastic having substantially oriented, long chain molecules, comprising printing a surface of the sheet with a halftone plate on which the image has been reproduced and which is inked with a resist material to cover the portions of the sheet which are to provide the non-polarizing portions of the image, and then dyeing the image forming portions of the sheet adjacent those portions covered by the resist with a dichroic dye to provide image forming portions of similar tone.

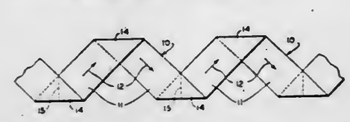
2,440,103
LIGHT-POLARIZING LAMINATION HAVING A PLURALITY OF COPLANAR PROTECTIVE GLASS ELEMENTS
Edwin H. Land, Cambridge, Mass., assignor to Polaroid Corporation, Cambridge, Mass., a corporation of Delaware
Application November 6, 1944, Serial No. 562,213
3 Claims. (Cl. 88—65)

1. A light-polarizing lamination for use in close proximity to a light source emitting substantial heat, said lamination comprising a sheet of light-polarizing material, a continuous layer of resilient adhesive material affixed to that face of the light-polarizing sheet farthest removed from the light source and means providing a protective layer affixed to said adhesive and positioned to overlie said sheet of polarizing material, said protective layer comprising a plurality of hard, transparent, abrasive-resistant glass elements which when subjected to temperatures of the order of those to



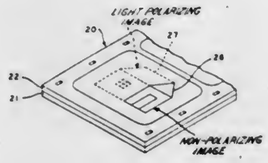
which the lamination is subjected show photoelastic strains, the resilience of said adhesive permitting relative movement of said glass elements with respect to one another, said glass elements being of substantially uniform thickness and being positioned in abutting spaced relationship to one another whereby photoelastic strains set up in any such glass element are confined to that element and the degree of such strain developed in the protective layer is of a low order.

2,440,104
LIGHT POLARIZING VIEWER FOR USE IN CONNECTION WITH STEREOSCOPIC PICTURES
Edwin H. Land, Cambridge, Mass., assignor to Polaroid Corporation, Cambridge, Mass., a corporation of Delaware
Original application March 13, 1942, Serial No. 434,567. Divided and this application February 24, 1945, Serial No. 579,605
6 Claims. (Cl. 88—29)



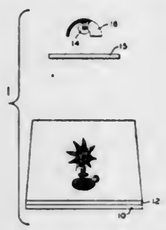
1. A viewing visor comprising a strip of light-polarizing material the longitudinal dimension of which is substantially in excess of the width dimension, said strip having a transmission axis bearing a predetermined relation to said longitudinal dimension and having therein a fold providing a plurality of diverging viewing portions adjacent said fold and also providing an interconnecting portion for said viewing portions, said interconnecting portion consisting of a section of superimposed layers of said strip, said fold causing said transmission axis in one viewing portion to be substantially perpendicular to said transmission axis in the other viewing portion whereby each said viewing portion is adapted to block substantially polarized light transmitted by the other viewing portion, said viewing portions being separated from each other by substantially the average interocular distance, said viewing visor being characterized by the fact that either face thereof may be used as the viewing face without alteration of the stereoscopic effect produced.

2,440,105
IMAGE-CARRYING FILM HAVING LIGHT-POLARIZING AND NONPOLARIZING IMAGES
Edwin H. Land, Cambridge, Mass., and Martin Grabau, Reading, Pa., assignors to Polaroid Corporation, Cambridge, Mass., a corporation of Delaware
Application April 9, 1945, Serial No. 587,278
2 Claims. (Cl. 88—65)



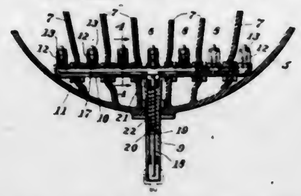
1. In a film comprising a support and a single image-carrying layer of a substantially transparent, hydrophilic, molecularly oriented linear polymeric plastic, in combination a dichroic material incorporated in at least one predetermined portion of said layer and rendering such portion light polarizing in character, and metallic silver contained in at least one other predetermined portion of said layer, each portion of said layer containing silver forming an individual main image which is visible in polarized light and in unpolarized light, and each portion of said layer containing said dichroic material forming an individual image which is auxiliary to a main image of silver and which in conjunction with said silver image is visible in unpolarized light but which in plane polarized light has an optical density that is a function of the direction of vibration of said polarized light.

2,440,106
LIGHT-POLARIZING IMAGE AND METHODS FOR FORMING THE SAME
Edwin H. Land, Cambridge, Joseph Mahler, Brookline, and Mark Hyman, Jr., Cambridge, Mass., assignors to Polaroid Corporation, Cambridge, Mass., a corporation of Delaware
Application April 26, 1946, Serial No. 665,084
9 Claims. (Cl. 95—6)



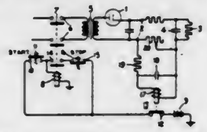
1. The process which comprises treating a carrier sheet with a dichromate solution to render it light-sensitive, exposing said sensitized sheet to light through a differentially light-transmitting medium, removing the unexposed dichromate therefrom, and treating said sheet with an acid solution of an iodide which reacts with said dichromate to give a dichroic image as an oxidation product.

2,440,107
SAFETY INNER TUBE FOR PNEUMATIC TIRES
Norval Robert Maddox, Owingsville, Ky.
Application July 6, 1945, Serial No. 603,430
2 Claims. (Cl. 152—342)



1. An inner tube for pneumatic tires having a plurality of circumferentially extending, spaced apart partitions forming a plurality of circumferential air chambers in the tube, an air manifold discharge pipe extending transversely of the chambers through said partitions, an air discharge valve in each chamber for controlling the discharge of air from said pipe, a valve casing for inflating the tube and communicating with the pipe, a valve in the casing, a rod extending longitudinally in said pipe in operative engagement with each of the valves in said chambers, and a valve stem in said valve casing and connected to said rod and the second named valve for opening said first-named valves by an opening movement of the second valve.

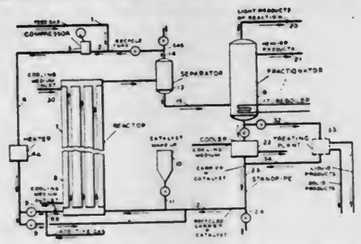
2,440,108
OVERCURRENT PROTECTIVE SYSTEM FOR A DIRECT-CURRENT LOAD CIRCUIT
Donald E. Maxwell, Scotia, N. Y., assignor to General Electric Company, a corporation of New York
Application May 5, 1943, Serial No. 485,745
3 Claims. (Cl. 175—294)



1. A rectifier control circuit, comprising a rectifier having input and output circuits, a circuit breaker in said input circuit, an operating coil for the circuit breaker in series with normally closed contacts of an overload relay, a start switch for selectively closing the operating coil circuit, a coil for the overload relay, a condenser in shunt with the relay coil and both the coil and condenser being in series with the rectifier output circuit through a resistance, said relay coil, condenser, and resistance being proportioned to comprise a non-oscillatory circuit and so as to obtain a time delay in energizing the relay coil by sudden fluctuations in the rectifier output.

2,440,109
METHOD OF EFFECTING CATALYTIC REACTIONS
Frank J. Moore, Beacon, N. Y., assignor, by mesne assignments, to The Texas Company, New York, N. Y., a corporation of Delaware
Application February 6, 1945, Serial No. 576,472
6 Claims. (Cl. 260—449.6)

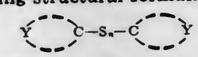
6. In the catalytic hydrogenation of carbon monoxide under predetermined conditions of temperature and pressure by contact with a hydrogenating catalyst to produce compounds containing at least 2 carbon atoms per molecule, the method which comprises suspending the catalyst in finely-divided form in carrier liquid substantially non-vaporizable under the reaction conditions, introducing a stream of resulting suspension to the lower portion of an elongated vertical tubular reaction zone of restricted cross sectional area, dispersing carbon monoxide and hydrogen in effective proportions in gas phase in said stream in an amount sufficient to lift the slurry



through the reaction zone by gravity displacement, surrounding the reaction zone with a cooling liquid to remove heat of reaction, thereby maintaining the reaction zone at substantially said predetermined temperature, discharging from the upper portion of the reaction zone a stream comprising unreacted gas, products of reaction and suspension, treating the discharged stream to remove unreacted gas and products of reaction from the catalyst and recycling to the reaction zone catalyst from which products of reaction have been removed, said recycled catalyst being suspended in carrier liquid.

2,440,110
STABILIZED SILVER HALIDE EMULSIONS
Fritz W. H. Mueller, Binghamton, N. Y., assignor to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application October 6, 1944, Serial No. 557,545
5 Claims. (Cl. 95—7)

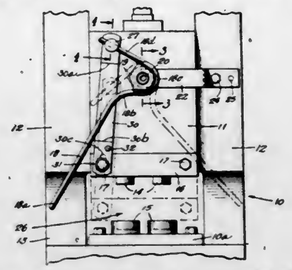
1. A photographic material comprising a silver halide gelatin emulsion in contact with a member of the group consisting of a sulfinic acid, a seleninic acid and their salts, and a polysulfide compound selected from the group consisting of aromatic and heterocyclic polysulfide compounds of the following structural formula:



wherein Y represents the atoms necessary to complete an aromatic or heterocyclic ring system and n is a whole number greater than 1, in the proportion of from 0.00025 to 0.0050 mol of the member of the last named group to 1 mol of the member of the first named group.

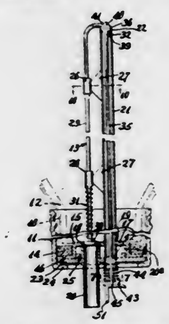
2,440,111
SAFETY GUARD FOR PRESSES
Paul J. Murcko, Bridgeport, Conn.
Application March 20, 1945, Serial No. 583,759
2 Claims. (Cl. 74—615)

1. The combination with a press of a guard arm having a rigid pivot intermediate its ends, mounted in a fixed location with respect to the press frame, one part of said arm extending downward from the pivot whereby the lower end is movable across the front of the die-space of the press without transmitting flexure to the other part of the arm; a link rigidly secured to the ram of the press; and means slidable on the other part of the arm, and pivotally connected to the link for



causing the arm to sweep across said die-space when the ram is lowered and raised, both said arm parts normally extending to one side of a plane passing vertically through the axis of the pivot.

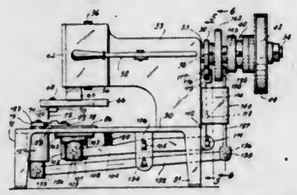
2,440,112
SANITARY BOTTLE SPIGOT
Stanley Neilson, New York, N. Y.
Continuation of application Serial No. 541,790, June 23, 1944. This application December 12, 1946, Serial No. 715,665
1 Claim. (Cl. 222—484)



A spigot for a container for liquids, comprising a gasket for engaging the top of a container, a plate disposed on top of said gasket and having a depressed cup extending into said gasket, said cup having a port and an orifice, a tube secured in said orifice and extending from opposite sides thereof and having a seat at its end disposed in said container, spaced guides secured to said tube in line with said port, each of said guides having a slot opening through its entire side, a push rod disposed in said tube having a head engaging said seat and a portion extending above said tube, a spout secured to said cup over said port on the side thereof remote from said container, a cover disposed on said plate having an orifice through which said spout extends and another orifice through which said tube extends, a thumb piece secured to said end of said rod above said tube, a spring compressed between said thumb piece and cover normally holding said head against said seat, a valve having a stem disposed in said guides, a head coacting with said port and an arm coacting with the bottom of said push rod, said stem having a diameter equal to said guide slots and a bushing secured to said push rod in each one of said guides holding said stem therein but permitting removal of said stem

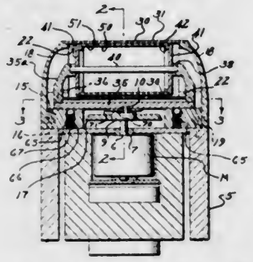
therefrom by lifting said stem to lift said bushings up from the correlated guide slot, a spring compressed between said head and the adjacent one of said guides for urging said valve head against said port, and a cap having a portion engaging said cover for holding said gasket, plate and cover on a container.

2,440,113
MACHINE FOR TURNING AND BINDING THE EDGES OF LEATHER
Louis J. Noecker, St. Clair, Mo.
Application August 12, 1946, Serial No. 689,897
10 Claims. (Cl. 69—1)



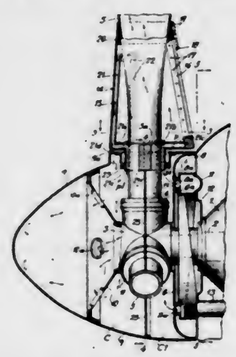
1. In a machine for turning and binding edge portions of pieces of leather, a forming block including a gauge portion and a projecting lip portion, means for adjustably mounting said block on a vertically reciprocable plunger, a resilient creasing blade, a supporting block therefor, means for adjustably mounting said block on a plate secured to a vertically reciprocable crosshead member, a combined anvil and pressure plate, means for adjustably mounting same on a vertically reciprocable plunger, means for reciprocating said first named plunger, said crosshead member, and said second named plunger during a single cycle of the machine, and clutch mechanism, operable at will, to govern the beginning and end of each such cycle.

2,440,114
DRY SHAVER
Herbert E. Page, Alhambra, Calif.
Application February 3, 1945, Serial No. 575,943
4 Claims. (Cl. 30—43)



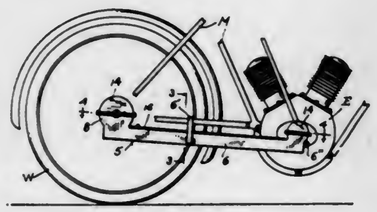
3. In a power-operated shaving device, a supporting body carrying power means, a perforated, cylindrical outer cutter head mounted on the body for free rolling movement relative thereto in response to movement of the body when said head is in contact with the skin, a yoke mounted on the body to oscillate relative thereto, means operatively connecting the yoke to the power means, said yoke having upright end portions each presenting a bearing, a spindle journalled at its ends in said respective bearings, a perforated cylindrical inner cutter head disposed axially in the outer head and rotatably carried by the spindle, said spindle being disposed parallel with the axis of the outer head and coaxial with said inner head, and resilient means urging the spindle into eccentric relationship with the axis of the outer head.

2,440,115
DEICING SYSTEM FOR AIRCRAFT SURFACES
Everett P. Palmatier, Upper Montclair, N. J., assignor to Curtiss-Wright Corporation, a corporation of Delaware
Application January 11, 1944, Serial No. 517,873
5 Claims. (Cl. 244—134)



4. In a propeller assembly comprising a hub, a hollow blade component mounted therein, a hollow cuff component on said blade and a hollow spinner component inclosing said hub, conduits interconnecting the spinner, cuff and blade hollows, a source of heated gas including means to conduct gas to one of said components for passage therefrom, serially, through the other components, and means to connect the last component of the series to the atmosphere for issue of spent gas thereto.

2,440,116
DRIVING ATTACHMENT FOR MOTORCYCLES
Theodore W. Petkoff, Evansville, Ind.
Application March 17, 1945, Serial No. 583,353
1 Claim. (Cl. 180—30)

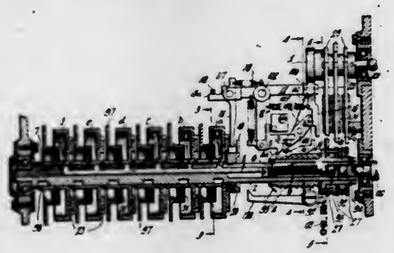


In a power transmitting unit for motorcycles comprising an elongated casing having an elongated opening in its upper side and upstanding substantially semi-circular compartments formed on its opposite ends to receive gears on the engine drive shaft and driving wheel of the motorcycle, aligned bearing blocks removably secured to the bottom of the casing, a shaft seated on the bearing blocks, caps removably secured to the bearing blocks and retaining the shaft thereon, gears secured to the opposite ends of the shaft and meshing with the engine and drive wheel gears, substantially semi-circular caps removably secured to the semi-circular compartments of the casing and covering the aforesaid gears, an elongated cover plate secured over the opening in the casing and brackets detachably securing the casing to the frame of the motorcycle.

2,440,117
PROCESS FOR PREPARING SULFONAMIDES
Alexander H. Popkin, Bronx, N. Y., assignor to Sun Chemical Corporation, a corporation of Delaware
No Drawing. Application March 11, 1944, Serial No. 526,133
5 Claims. (Cl. 260—556)

1. A process for preparing a monosulfonamide of a primary organic aromatic amine, which consists in the steps of chlorsulfonation of a primary organic aromatic amine with chlorsulfonic acid by adding said primary organic aromatic amine to said chlorsulfonic acid in the ratio of approximately 1 mol of said primary organic aromatic amine to 8–10 mols of chlorsulfonic acid at a temperature within the range of approximately 25–70° C., and thereafter heating said admixture at 90° C., to secure a monosulfonyl chloride material, thereafter aminating said sulfonyl chloride material with ammonia to furnish an aminated product, and thereafter separating and recovering said aminated product.

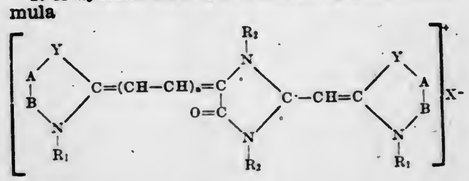
2,440,118
INDICATOR CONTROL MECHANISM
Leonhard Florens Reinhold, Staten Island, N. Y., and James Albert Spencer, Teaneck, N. J., assignors to Radio Corporation of America, a corporation of Delaware
Application January 12, 1946, Serial No. 640,839
9 Claims. (Cl. 177—353)



1. In a device for setting the drum dials of an indicator in response to the reception of code signals, an index shaft upon which said dials are mounted and a cam shaft, said shafts being subject to cyclic operation upon receiving each code signal, and the index shaft being arranged for arrest in different selected positions in which positions said cam shaft performs control operations upon said indicator, means extendable in varying degrees along the axis of said index shaft for mechanically coupling each drum dial individually and successively thereto, whereby the dials are set to display a visual translation of said code signals, and means operable by said cam shaft for causing said extendable means to be progressively advanced into coupling relation with each drum dial.

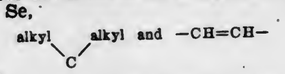
2,440,119
METHINE DYESTUFFS
Oskar Riester, Dessau, and Gustav Wilmanns, Wolfen, Kreis Bitterfeld, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application November 13, 1939, Serial No. 304,173. In Germany November 9, 1938
7 Claims. (Cl. 260—240)

1. A dyestuff having the following general formula



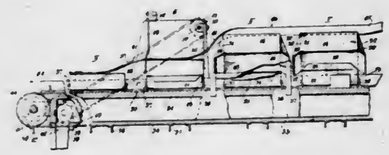
wherein

A and B stand for an atom grouping capable of completing an organic ring system,
Y stands for the member of the group consisting of O, S, Se,



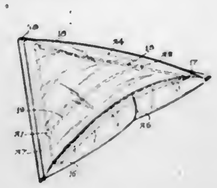
R_1 is alkyl,
R_2 is a member selected from the class consisting of alkyl, aryl and
X is an anion, and
n is a whole number smaller than 3.

2,440,120
FOLDING BOX MACHINE
William A. Ringler, Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio, a corporation of Ohio
Application October 19, 1945, Serial No. 623,243
5 Claims. (Cl. 93—53)



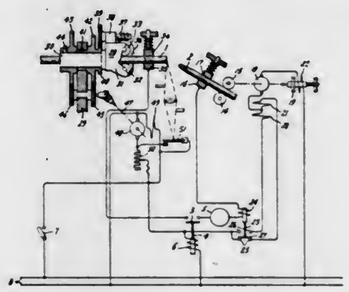
1. A machine for the automatic closing of open cartons consisting of a carton body comprising a bottom panel, side walls, and a front and a back wall connected to the bottom panel; a carton cover hinged to said back wall, and front and side flange panels connected to the top panel, which carton in the collapsed condition has its cover side flange panels outfolded and its cover front flange panel infolded; and automatic locking means comprising a lock flap hinged to the front wall, and abutment means on the front flange panel, the machine comprising, in combination, an endless conveyor having lugs thereon adapted to engage said side walls; a sweep along the path of said conveyor for engaging and downfolding said cover into carton closed position; a first yieldable arm for engaging and bearing against the leading side flange panel, and a second arm moved in the direction of advance of said conveyor engaging and bearing against the trailing side flange panel during the engagement of the cover by said sweep.

2,440,121
SHOULDER PAD
Soll Schwartz, Brooklyn, N. Y.
Application March 14, 1947, Serial No. 734,655
2 Claims. (Cl. 2—268)



1. A shoulder pad comprising a triangular shaped wire frame of three sides, one of said sides of the triangle being arched, padding material extending over the same, a covering over the padding material and said covering secured along its side to enclose the padding and the frame, a brace extending between two sides of the frame and spaced forwardly of the arched side of the frame, said brace being arched similarly to the curved side whereby the shoulder pad will better conform to the shoulder and a stronger frame will be provided.

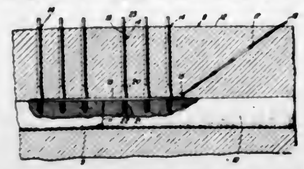
2,440,122
ARC LAMP
Robert E. Sheahan, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York
Application September 25, 1946, Serial No. 699,287
2 Claims. (Cl. 314—40)



1. In an arc lamp including a pair of arcing electrodes, electrode feed control means for continuously rotating and advancing at least one of said electrodes comprising, a rotatable electrode holder, a concentric sun gear rotatable with respect to said holder, a planetary gear journaled in said holder in meshing engagement with said sun gear, and means for continuously and positively driving said holder and said sun gear at unequal speeds.

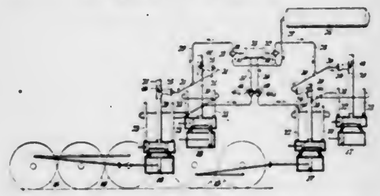
2,440,123
REMOVABLE BONE PLATE
Chester H. Smith, Pittsburg, Kans.
Application October 7, 1946, Serial No. 701,821
3 Claims. (Cl. 128—92)

3. In a structural fracture treating and repair appliance of the class described, a bone plate longitudinally elongated, transversely bowed and having rectilinearly straight longitudinal edges, said bone plate being provided at one end with



a hook to accommodate the slotted end of a plate loosening and withdrawing lever.

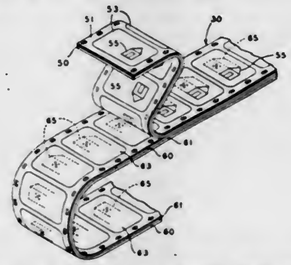
2,440,124
WHEEL SLIP PREVENTION MECHANISM FOR LOCOMOTIVES
Carleton K. Steins, Merion, Pa., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa., a corporation of Pennsylvania
Application April 30, 1945, Serial No. 591,134
4 Claims. (Cl. 105—48)



2. Slip prevention mechanism for a steam locomotive having groups of driving wheels powered by separate engines and separate conduits for delivering live steam to the several engines; said mechanism including individual flow control means in said live steam conduits, pressure fluid-actuated devices for operating the live steam control means, normally closed valves interposed between said devices and a supply source of pressure fluid at a pressure higher than that of the exhaust steam, and means responsive to the differential in the back pressures of the exhaust from the several engines upon slippage of any of the wheel groups and automatically operative to open the valve of the pressure fluid device for the steam control means of the engine of the slipping wheels, thereby to effect a reduction in the steam supply to such engine until normal conditions are restored.

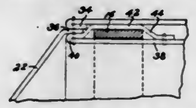
2,440,125
IMAGE-CARRYING FILM HAVING LIGHT-POLARIZING AND NONPOLARIZING IMAGES
Thomas R. Sterck, Arlington, Mass., assignor to Polaroid Corporation, Cambridge, Mass., a corporation of Delaware
Application December 15, 1944, Serial No. 568,238
5 Claims. (Cl. 88—65)

1. An image-carrying film which is designed for instructional and educational purposes and which carries at least one main image and an auxiliary image in association therewith, a main image and an auxiliary image associated therewith being viewable conjointly to form a composite image and said auxiliary image having the property of being rendered invisible as desired, said film comprising two substantially transparent and coextensive image-carrying layers superposed on one another, one of said image-carrying layers being formed of a molecularly oriented, hydrophilic, linear polymeric plastic material and the other of said image-carrying layers being formed of a transparent hydrophilic plastic material, at least one predetermined portion of the molecularly oriented material having carried thereby a light-polarizing image constituting said auxiliary image and at least one predetermined portion of the other hydrophilic material having carried thereby a nonpolarizing image constituting said main image with which said auxiliary image is associated, said light-polarizing auxiliary image having the property of absorbing light which is incident thereon and which is polarized in a predetermined



plane while transmitting incident light which is polarized in a plane at 90° to said first-named plane and also transmitting unpolarized light whereby said nonpolarizing main image and said light-polarizing auxiliary image associated therewith become simultaneously visible and form at least one composite image when viewed conjointly in unpolarized light as well as in light vibrating in said first-named plane but whereby said light-polarizing auxiliary image becomes substantially invisible when viewed in polarized light vibrating in said second-named plane while said nonpolarizing main image remains visible.

2,440,126
CARRIAGE HOOD CONSTRUCTION
Robert E. Strott, East Templeton, Mass., assignor to Thayer Company, Gardner, Mass., a corporation of Massachusetts
Application September 28, 1945, Serial No. 619,075
2 Claims. (Cl. 296—137)



1. A carriage hood, a bow therefor, a lining, the latter being generally co-extensive with the hood and folded over on itself to contain the bow, stitching securing the hood to the lining at the fold of the latter, said stitching being located wholly to one side of the bow, and means connecting the lining to itself adjacent the edge of the bow opposite the fold, said means being located wholly at the other side of the bow, the latter being wholly contained in a pocket formed by the lining and the hood being free of the bow.

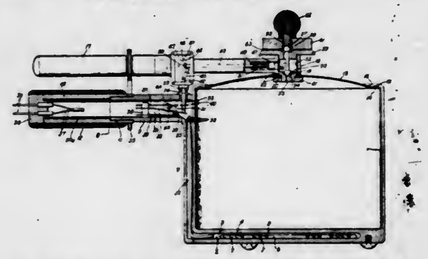
2,440,127
ART OF PRODUCING PROPELLER BLADES
Foster B. Stulen, West Orange, N. J., assignor to Curtiss-Wright Corporation, a corporation of Delaware
Application July 31, 1944, Serial No. 547,463
1 Claim. (Cl. 29—156.8)

In the art of producing a propeller blade involving shaping, trimming and attachment together of separate plate members by a bonding operation contiguous to the blade leading and trailing edges to thereby produce and substantially complete insofar as blade airfoil section is concerned and except for final twist, a propeller blade having twist of one hand, the steps which consist in heating the propeller blade, and changing the twist of said propeller blade throughout



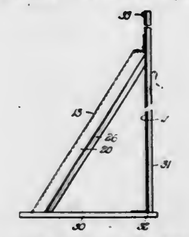
its length from that of said one hand to that of the opposite hand in response to a shaping operation performed on the propeller blade while maintaining the interior chamber thereof under gas pressure substantially higher than that of the atmosphere.

2,440,128
PRESSURE COOKER
Earle C. Sullivan, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York
Application October 31, 1945, Serial No. 625,899
6 Claims. (Cl. 219—44)



1. A pressure cooker comprising a closed container, electrical heating means for said container for generating relatively high and low heats, switching means controlling said heating means selectively to generate said heats, a relief valve for said container operable to release pressure when it attains a predetermined high value in the container, and pressure means operable responsively to the pressure released for operating said switching means to control said heating means to reduce the heat generated from said high to low heats.

2,440,129
SCORING DEVICE CONSISTING OF INCLINED LADDER STRUCTURE AND FOLDING STANDARD THEREFOR
Douglas E. Thompson, Chicago, Ill.
Application November 8, 1945, Serial No. 627,328
2 Claims. (Cl. 40—126)



1. In combination, a scoring device and a folding standard therefor, the scoring device com-

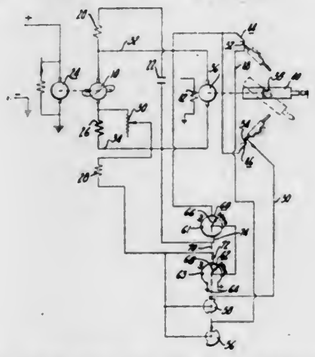
prising a vertical support member and an inclined member secured thereto, the standard comprising a vertical member and a horizontal member, said members being hinged together to limit their separation to ninety degrees, the vertical member having means for engaging the upper portion of the support member and the inclined member engaging the horizontal member to hold the parts in erected position.

2,440,130

INVERSE FEED-BACK MOTOR CONTROL

Herbert C. Waterman, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware

Application September 21, 1944, Serial No. 555,125
7 Claims. (Cl. 318—158)



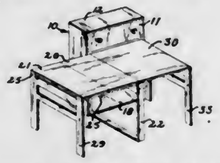
6. An apparatus for use as an electrical amplifier comprising, an electrical control system having a pair of potentiometers electrically connected in voltage opposition, and a shaft interconnecting the potentiometers so that movement of any one of the potentiometers will move the other a corresponding amount, one of the potentiometers being connected to a source of input voltage for supplying a variable input voltage to the system, the other potentiometer being connected to the output of the apparatus for supplying an inverse feedback voltage to the system, which voltage is a percentage of the output voltage of the apparatus, the percentage of the output voltage to be used for inverse feedback voltage varying in inverse proportion to the input voltage.

2,440,131

CONVERTIBLE SPACE SAVING TABLE

Anthony Wayne, New York, N. Y.

Application March 2, 1946, Serial No. 651,603
4 Claims. (Cl. 312—161)



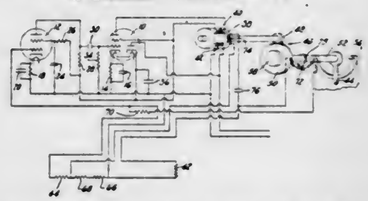
1. A convertible space saving table and chest combination comprising a receptacle having an open side, a frame hinged to the receptacle in the open side thereof and movable to a position exteriorly of said receptacle, a table structure mounted in said frame including a plurality of table top members pivoted in said frame and leg members pivoted to said top members, all of said members being folded to nesting position within the frame and unfoldable to provide a table exteriorly of said receptacle and said table structure forming a closure for said receptacle when the members are folded.

2,440,132

ELECTRONIC MOTOR CONTROL SYSTEM

Franklin O. Wisman, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware

Application April 12, 1944, Serial No. 530,714
2 Claims. (Cl. 318—29)



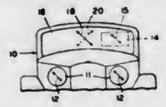
1. An electrical system comprising an alternating current source, an electrical motor having a winding connected to said source, a control arm having limited rotation and drivably connected to said motor, a slip clutch arrangement interposed between the motor and control arm to permit the continued rotation of said motor at times when said control arm has reached its rotational limits, an amplifier input circuit including a bridge having a plurality of legs, a second winding in the motor inductively related to said first mentioned winding and having connections to said bridge, a third winding in said motor arranged to be excited in response to a signal from said amplifier input circuit, a phase shifter in said connections to said bridge for causing the current flowing in the third winding in response to said signal to be out of phase with the current in the first mentioned winding, said phase shifter being disposed in the system to operate at an energy level lower than the energy level of the motor rating, an amplifier output circuit connected to said second winding for carrying current the flow of which is influenced by said signal, an element in one leg responsive to temperature changes for creating an unbalanced condition in said bridge whereby a signal is impressed in the amplifier input circuit, and means responsive to rotation of the arm for creating a balanced condition in said bridge.

2,440,133

WINDSHIELD STRUCTURE FOR USE IN AUTOMOTIVE VEHICLES EMPLOYING ANTI-GLARE LIGHT-POLARIZING ILLUMINATING AND VIEWING MEANS

Clinton J. T. Young, Cambridge, Mass., assignor to Polaroid Corporation, Cambridge, Mass., a corporation of Delaware

Application August 9, 1944, Serial No. 548,657
1 Claim. (Cl. 88—65)



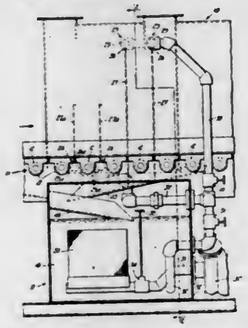
In an automotive vehicle of the class wherein a source of illumination for the pathway of the vehicle is provided to emit a beam of plane polarized light vibrating at an angle of 45° to the horizontal and wherein a light-polarizing viewing visor is provided having its transmission axis parallel to the vibration direction of said light, a windshield positioned on the vehicle in front of said viewing visor, said windshield comprising a plurality of glass sheets bonded together by a layer of plastic material possessing optical birefringence such that the principal vibration directions within said plastic layer lie in a plane substantially parallel to the surfaces of said windshield, and means positioning said windshield so that a principal vibration direction of the birefringent plastic layer thereof is at an angle of 45° to the horizontal and is parallel to the transmission axis of said visor.

2,440,134

APPARATUS FOR TREATING ARTICLES

Erich R. Zademach, Hillside, and William W. Clarke, Summit, N. J., assignors to Metalwash Machinery Company, Irvington, N. J., a copartnership

Application July 20, 1943, Serial No. 495,430
6 Claims. (Cl. 91—44)



1. In an apparatus for applying a foamable liquid to an article disposed within the same, a sump tank, open at the top and with spaced sides for containing the foamable liquid at a predetermined level therein, a support for the article above the sump tank and the foamable liquid, a spray device for applying liquid to the article upon said support, pump means for drawing the liquid from the tank and delivering it to the spray device and baffle means over the top of the sump tank for preventing the direct return of the sprayed liquid to the liquid level of the tank and for conveying the same thereto with the minimum of impact, said baffle means including a downwardly inclined portion extending from one side of the tank to a point well beyond the middle of the tank and covering substantially all of the tank top and the liquid body therein, and a second downwardly inclined portion extending from the first mentioned portion to a point beneath the liquid level in the tank for carrying the collected liquid to the liquid body.

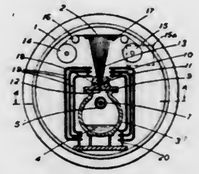
2,440,135

METHOD OF AND APPARATUS FOR DEPOSITING SUBSTANCES BY THERMAL EVAPORATION IN VACUUM CHAMBERS

Paul Alexander, Berkhamsted, England

Application September 15, 1944, Serial No. 554,312
In Great Britain August 4, 1944
12 Claims. (Cl. 117—106)

1. Apparatus for depositing on a support a coating of a substance of the type described by thermal evaporation in a vacuum chamber, comprising means for vapourising the substance including a container and heating means therefor, a nozzle structure mounted on the container for producing a beam of atoms of the substance directed with high velocity against the support, including at least one nozzle emanating from the container and directed towards the support, each said nozzle gradually increasing in cross-sectional area from the container to its mouth, whereby the potential energy of the stream of atoms entering the nozzle is substantially converted into kinetic energy of the beam issuing from the nozzle, and the container being closed except for the nozzle aperture, and means for progressively moving the support across the beam.



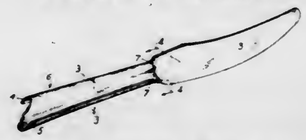
10. Method of progressively depositing a coating of a substance of the type described, on a moving support, by thermal evaporation in a vacuum chamber, consisting in producing a low vacuum in the chamber, vapourising the substance to be deposited in a container, confining the vapour so generated to obtain a pressure in the vapour which is high relative to that in the vacuum chamber, releasing the high pressure vapour from the container into the chamber as a beam whereby the potential energy in the vapour is substantially converted into kinetic energy in the form of directional velocity of the atoms in the beam, which velocity is high relatively to the mean random velocity of the atoms, whereby residual gas molecules in the chamber and adjacent to the beam are substantially prevented from entering the body of the beam, disposing the support in the path of the high velocity beam and moving the support across the beam.

2,440,136

TABLE CUTLERY HANDLE

Sydney Harold Barnes, Sydney, New South Wales, Australia

Application January 25, 1945, Serial No. 574,487
In Australia May 26, 1944
4 Claims. (Cl. 30—340)



1. Table cutlery article made from a sheet metal blank including a front portion shaped for the intended use and an integral handle portion which is wider than said front portion, said handle portion being generally S-shaped in cross-section with its free edges disposed between the top and bottom planes of the S to provide a strong grip having smoothly rounded gripping surfaces and two opposed open channels permitting easy cleaning of all the surfaces of the handle.

2,440,137
CAMERA-POD
James S. Beattie, Los Angeles, Calif.
Application May 9, 1945, Serial No. 592,822
3 Claims. (Cl. 248—226)



1. A camera support comprising a camera mount, a cylindrical L-shaped member, a spring clamp adapted to attach the camera mount to the shorter arm of the L-shaped member, a handle mounted on said clamp and operable to hold the camera mount at positions of rotation about said shorter arm, a substantially flat plate having an axially aligned aperture and adapted to register with a stationary object, a spring clamp positioned to secure said plate to the longer arm of the L-shaped member and a C-clamp rotatably attached to said plate at said aperture and adapted to secure said plate to said stationary object.

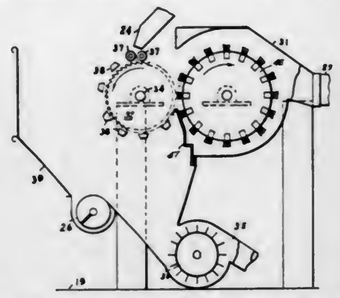
2,440,138
REINFORCED CORNER SEAM FOR UTILITY BAGS
Peter Benenfeld, New York, N. Y.
Application November 13, 1945, Serial No. 628,203
4 Claims. (Cl. 190—54)



1. In a stiffened bag having flexible side and end walls, an outstanding flange on the bag at the corner junctions of said walls, said flange comprising outstanding peripheral portions on the walls terminating in raw edges and arranged in face to face relation with the raw edges outside the planes of the walls, a binding strip for said portions, said strip being folded to provide an integral bend and a pair of flaps, each flap being in face to face contact with one of said portions, the free edge parts of the flaps being infolded against the adjacent walls, stitching passing through the flaps, through the infolded edge parts of the strip and through said portions and forming a smooth and substantially continuous corner on the inside of the bag at the inner interior edge of the flange, a bowed resilient stiffening and shaping wire within the flange and between said peripheral portions, and additional stitching adjacent the wire and passing through said portions and said flaps.

2,440,139
COTTON CLEANING APPARATUS
Eugene H. Brooks, Dallas, Tex., assignor to Continental Gin Company, a corporation of Delaware
Original application June 7, 1945, Serial No. 598,095, now Patent No. 2,418,694, dated April 8, 1947. Divided and this application December 19, 1945, Serial No. 635,947
5 Claims. (Cl. 19—67)

5. In a lint cotton cleaner embodying a casing, a rotating saw cylinder mounted in the upper part of the casing in spaced relation to one wall of the casing, feed rollers mounted closely adjacent the saw cylinder and disposed to feed lint cotton in a thin uniform bat to the saw cylinder to be carried around thereby, a cleaning bar extending parallel to the long axis of the saw cylinder and disposed to be struck by the lint carried around by the rotating saw cylinder thereby to remove trash from the lint, means cooperating

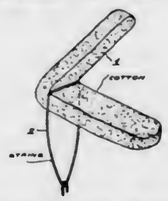


with the saw cylinder to doff lint therefrom after the lint has struck the cleaning bar, means disposed in the bottom of the casing for removing lint and trash thrown off by striking the bar, and a wall separating the doffing means from the lower part of the casing.

2,440,140
ADDITION PRODUCTS OF ACRYLONITRILE AND DRYING OIL ACIDS AND ESTERS
Herman A. Bruson, Rydal, and Warren D. Niederhauser, Philadelphia, Pa., assignors to The Resinous Products & Chemical Company, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application June 21, 1945, Serial No. 600,850
16 Claims. (Cl. 260—404)

1. Monomeric products formed by the addition at 80° C. to 300° C. of equimolecular proportions of (*a*) acrylonitrile and (*b*) a compound from the class consisting of drying oil fatty acids having conjugate olefinic bonds and esters of said acids and alcohols having the alcoholic hydroxyl group as the sole reactive functional group thereof.

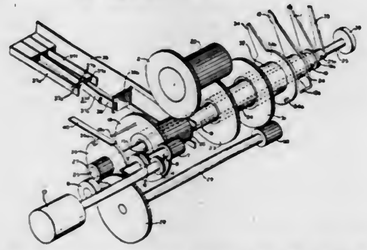
2,440,141
CATAMENIAL TAMPON
Arthur B. Donovan, Newton Center, Mass.
Original application December 7, 1940, Serial No. 368,989. Divided and this application January 5, 1944, Serial No. 517,023
2 Claims. (Cl. 128—285)



1. A method of making tampons which comprises folding an elongated piece of absorbent cotton on itself to form a loose quantity sufficient to absorb body fluids, then tightly compressing the same to substantially cylindrical form, then while still under compression heating the same to about 300° F. to form a compressed and substantially self-sustaining tampon of a diameter proper for body insertion, then rounding off one

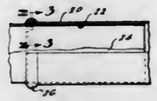
end of the cylinder, and then coating the cylinder with a material which comprises a mixture of gum acacia, about 59% to 75%, sorbitol, about 24% to about 35%, glycol monostearate, about 0.5% to about 5%, and sodium lauryl sulfate, about 0.1% to about 5%.

2,440,142
TIME CONTROL DEVICE
Harold F. Elliott, Belmont, Mass.
Application November 2, 1945, Serial No. 626,371
6 Claims. (Cl. 161—1)



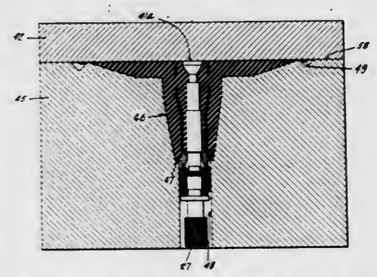
1. In a timing system including a timing motor means, a time-control device comprising, minute and hour time shafts adapted to be driven by said motor means, a settable minute shaft, a settable hour shaft, control means, and means operable only upon angular correspondence of said time shafts and the respective settable shafts for actuating said control means.

2,440,143
COUPLING FOR SUCTION CLEANER ATTACHMENTS
Kemper M. Hammell, Detroit, Mich., assignor to Eureka Williams Corporation, a corporation of Michigan
Application April 3, 1944, Serial No. 529,357
10 Claims. (Cl. 285—175)



1. In a coupling for suction cleaner attachments, a thin walled tube forming an air conducting male coupling member, an air conducting socket coupling member adapted to telescopically and freely rotatably receive said male coupling member, the end of said socket coupling member being formed to provide an annularly extending internal groove having an entrance opening in the end wall thereof, the walls of said groove being formed to provide a notch at each side of said entrance opening and a detent between said entrance opening and each of said notches, said male coupling member being provided with a pin which is adapted to be arranged in said groove through the entrance opening therein when said male coupling member is inserted in said socket coupling member, said groove cooperating with said pin to limit the penetration of said male coupling member into said socket member, relative rotation of said coupling members when said pin is so arranged being adapted to move said pin past one of said detents into one of said notches, said thin walled tube being adapted to distort when said detent is pressed against said pin by a relative rotational force applied to said coupling members so as to permit said pin to move past said detent into or out of one of said notches, the resiliency of the material out of which said thin walled tube is formed permitting temporary displacement of said pin while moving past said detent.

2,440,144
CORE PIN FOR MOLDING VALVE STEMS
Oakley W. Hosking, Monroe, N. Y., assignor to Composite Rubber Products Corporation, Bridgeport, Conn., a corporation of Connecticut
Original application March 19, 1941, Serial No. 384,173. Divided and this application May 15, 1945, Serial No. 593,787
3 Claims. (Cl. 18—45)

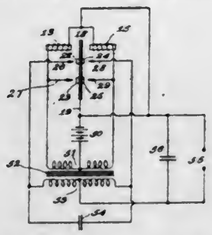


3. A core pin for use in a mold for forming a bore in a molded rubber valve stem having a rigid insert extending into the tip of a rubber body and at least partly embedded therein, said insert and body having coaligned bores forming a passage through the stem and said mold having a base-forming surface, comprising a bore-forming member, one end of which is adapted to extend to the base-forming surface of the mold and having a bore-forming surface comprising cylindrical portions of various diameters, said surfaces terminating at an annular shoulder or bearing surface facing the opposite end of said bore-forming member and adapted to engage a corresponding bearing surface at the inner end of the bore-forming portion of said insert; a coaligned stem on said bore-forming member adapted to project into the bore of said insert having threads thereon, and a cylindrical portion adapted to fit the bore of said insert; and a clamping member having a flange for engaging the tip of said insert in abutting relation, and a threaded socket for engaging the threads on said stem, said clamping member being adapted, upon inserting the stem of the bore-forming member into the bore of the insert from the inner end of the latter, to be screwed over the threads of said stem until the said flange engages the tip of the insert to draw said bearing surfaces together in sealing relation and to align said bore-forming member with the insert while engagement of the fitted cylindrical portion of the stem in the bore of the insert centers said core pin in the insert.

2,440,145
ELECTRIC VIBRATORY INTERRUPTER
Clarence Huetten, Indianapolis, Ind., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
Application February 7, 1944, Serial No. 521,319
3 Claims. (Cl. 171—97)

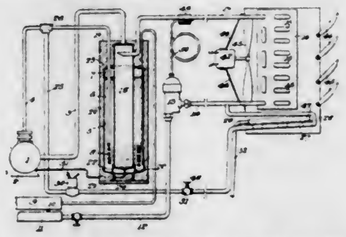
2. A composite reed structure for an electromagnetic vibratory interrupter adapted to cooperate with an electromagnetic driving system and with non-compliant stationary contacts for

controlling a plurality of circuits including a driver circuit for said system, an interrupter circuit, and a rectifier circuit which comprises a hinge plate clamped at one end thereof, a pair of substantially non-compliant armature plates secured to the opposite faces of the upper portions of said hinge plate spacedly from its



clamped end, cut-out portions in the hinge section of said hinge plate to impart rotational compliance thereto, and vibratory interrupter and rectifier contacts on each armature plate capable of sequential cooperation with said stationary contacts during rotational displacement of said reed structure about its vertical axis.

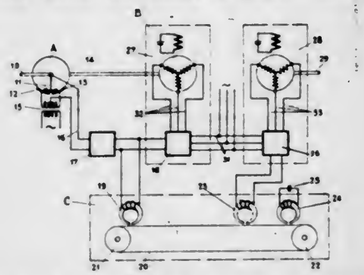
2,440,146
DEFROSTING MECHANISM IN REFRIGERATING APPARATUS
Israel Kramer, Trenton, N. J., assignor to Kramer Trenton Company, Trenton, N. J., a corporation of New Jersey
Application November 7, 1944, Serial No. 562,299
23 Claims. (Cl. 62—115)



1. Apparatus of the character described comprising, a gas compressor, an evaporator, an element for storing heat, means for conducting gas from the compressor to said element to accomplish the storage of said heat, means for conducting gas from the compressor to the evaporator for defrosting the evaporator, means for conducting gas after it has been condensed in the evaporator during defrosting to said storing element to be vaporized by the stored heat of said element, and means for conducting said gas to the compressor.

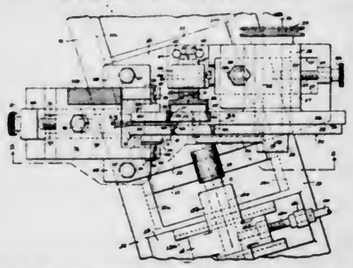
2,440,147
ELECTRIC SYSTEM FOR CONTROLLING MOTIONS
Max Lattmann, Zurich, Switzerland
Application July 18, 1946, Serial No. 684,615
In Switzerland July 14, 1945
Section 1, Public Law 690, August 8, 1946
1 Claim. (Cl. 318—19)

In a system for controlling follow-up movements in combination a device comprising two parts displaceable with respect to each other of which a first part is primarily moved while the second part moves in accordance with a first follow-up movement; a first driving means comprising a polyphase synchronous motor driving said second part and an electric modulating device, in which each phase of a polyphase current of constant frequency is modulated by a monophase current of variable frequency, the polyphase current generated in the modulating device being fed to said synchronous motor; an electric oscillatory circuit generating a monophase current whose frequency depends on the relative displacement of the two said parts; a second driving means, comprising a polyphase synchronous motor generating a second follow-up



movement and an electric modulating device in which each phase of a polyphase current of constant frequency is modulated by a monophase current of variable frequency; a magnetic recording and reproducing system, comprising a carrier moved with constant speed, a recording head to which is fed said monophase current of variable frequency feeding also the modulating device of said first driving means and a reproducing head, which is connected to the modulating device of said second driving means, the temporal course of said two follow-up movements being the same, the second movement being however delayed by a fixed time with respect to the first movement.

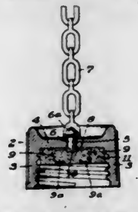
2,440,148
CENTERLESS GRINDING MACHINE ATTACHMENT
Arthur F. Madison, Detroit, Mich., assignor to Bower Roller Bearing Company, Detroit, Mich., a corporation of Michigan
Application May 9, 1946, Serial No. 668,557
20 Claims. (Cl. 51—236)



1. An attachment for internally grinding a pair of workpieces simultaneously on a centerless grinding machine having supporting structures for a regulating roll, a support roll, a pressure roll, and a backing member, and a driving structure for one of said rolls, said attachment comprising a rotary regulating device drivingly connected to said driving structure and having a

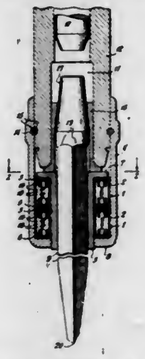
plurality of radially offset workpiece engaging paths thereon, a backing member mounted on one of said supporting structures and abutting one of said workpieces, a plurality of radially offset workpiece supports mounted on another of said supporting structures, and a plurality of radially offset pressure applicators mounted on another of said supporting structures, said workpieces being disposed in radially offset relationship between said regulating device, said workpiece supports and said pressure applicators and in peripheral engagement therewith.

2,440,149
CLOSURE CAP
Archibald B. McGinnis, Wheeling, W. Va., assignor to Wheeling Stamping Company, Wheeling, W. Va., a corporation of West Virginia
Application January 11, 1945, Serial No. 572,267
3 Claims. (Cl. 215—43)



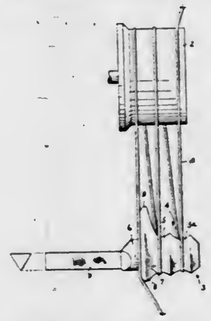
1. A cap having an integral end wall and a skirt and having a pin through the end wall thereof, a metal member inside the cap through which the pin passes, the cap having an opening therethrough of a size just sufficient to accommodate the pin, the pin having an abutment at each end thereof to restrain it against free endwise movement, a liner in the cap, and prongs on the metal member for holding the liner in place.

2,440,150
COMPRESSION MEMBER
Walter G. Mitchell, Aurora, Ill., assignor to Independent Pneumatic Tool Company, Chicago, Ill., a corporation of Delaware
Application January 31, 1945, Serial No. 575,426
6 Claims. (Cl. 279—19.6)



5. The combination with the barrel of a percussive tool having a power operated hammering piston reciprocable therein, of a chisel with shoulders insertible into the barrel to receive the blows of the piston, a retainer device for the chisel having an outer sleeve secured to the barrel and an inner or mounting sleeve for the chisel in the path of said shoulders, said outer sleeve having an inwardly extending flange at its outer end and said inner sleeve having an outwardly extending flange at its inner end, and resilient bumper means supported between said flanges about the mounting sleeve for absorbing the impacts of the shoulders on the mounting sleeve when struck thereby, said bumper means being comprised of a plurality of superimposed compression members, each having axially spaced upper and lower end wall sections at the opposite ends of the compression member and a complement of axially extending columns between and integrally connected with said end wall sections for holding the columns and the end wall sections in fixed relation, the columns of each compression member being spaced apart between the outer peripheries of the compression member for the flow of air therethrough to cool the same, the compression members at the ends of the bumper means having their outermost end wall sections in contact with the flanges of the respective sleeve members, and their other end wall sections in contact with each other.

2,440,151
THREAD GUIDE
Seddon C. Nelson, Front Royal, Va., assignor to American Viscose Corporation, Wilmington, Del., a corporation of Delaware
Application October 31, 1944, Serial No. 561,301
14 Claims. (Cl. 28—71.5)

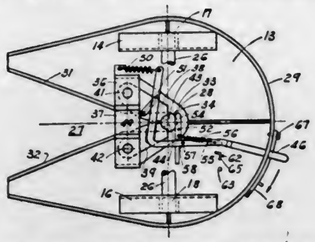


2. In combination, a wheel for handling filamentary material, and a stationary guide to cause lateral displacement of a thread wrapped one or more times around the wheel and prevent riding of the thread on itself, said guide comprising two thread-guiding portions laterally offset with respect to each other, the portion having the greatest diameter being provided with at least one annular groove, and said portions being separated by a dividing shoulder having the outline of an equilateral triangle, the apices of which define a plurality of operating positions for said guide.

2,440,152
TRAILER COUPLING MECHANISM
Noah M. Norman and Arnoldus S. Brumby, Birmingham, Ala., assignors to John P. K. Fontaine, Birmingham, Ala.
Application October 18, 1945, Serial No. 623,060
10 Claims. (Cl. 280—33.05)

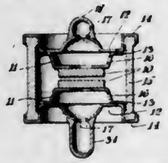
1. In a trailer coupling mechanism embodying a pair of pivoted locking jaws adapted to swing apart to receive a king pin when coupling, a manually operable lever operatively connected

to the jaws to open and close them, a latch member pivotally mounted to lie across the jaws in the path of the king pin when coupling, and a detent carried by the lever and disposed to



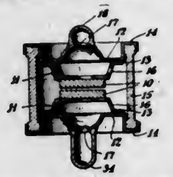
engage the latch and hold the jaws open when the lever is moved to open position and to be disengaged from the latch member by the king pin when coupling.

2,440,153
METHOD OF MAKING SPARK GAPS AND PRODUCTS THEREOF
Herbert E. Oles, Indianapolis, Ind., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
Application July 4, 1945, Serial No. 603,203
5 Claims. (Cl. 315—85)



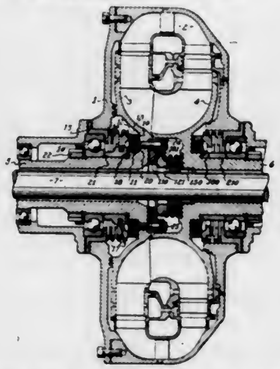
1. The method of making impulse gaps of stable characteristics which comprises providing a pair of spaced plane electrodes constituted of refractory metal within a gas-tight container, maintaining said container in communication with the external atmosphere, presparking said electrodes for a period of several hours, and then hermetically sealing said container.

2,440,154
SPARK GAP
Herbert E. Oles, Indianapolis, Ind., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
Application July 4, 1945, Serial No. 603,204
10 Claims. (Cl. 315—58)



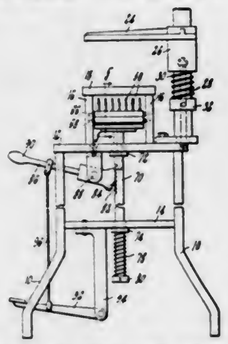
1. The method of making spark gaps which comprises providing a pair of spaced electrodes in a container, producing periodic electrical sparks between said electrodes while continuously removing the gaseous products of such discharges, replacing the atmosphere within said container with a gaseous charge consisting of a mixture of nitrogen with a small percentage of oxygen and then hermetically sealing said container.

2,440,155
FLUID SEAL
Carl D. Peterson and Albert H. Deimel, Toledo, Ohio; said Deimel and Marion F. Peterson, executrix of said Carl D. Peterson, deceased, assignors to Dana Corporation, Toledo, Ohio, a corporation of Virginia
Application November 30, 1944, Serial No. 565,830
2 Claims. (Cl. 286—11)



1. A fluid seal for hydraulic transmission units including relatively rotating coaxial parts, the seal including a ring of a material having a small coefficient of expansion relative to that of metal fixed on one of said parts, a second ring of metal fixed to the other of said parts, the rings having coacting radial, annular sealing faces, a bellows secured to the metal ring and arranged to prevent the flow of fluid from the outside of the rings and bellows to the inside, and vice-versa, around the sealing faces, and a spring washer carried by the part with which the first ring is associated and loaded to press against and frictionally engage the first ring to clamp the first ring to the part with which it is associated and thereby fix it thereto, the spring washer being located between said rings within the circles of their annular sealing faces.

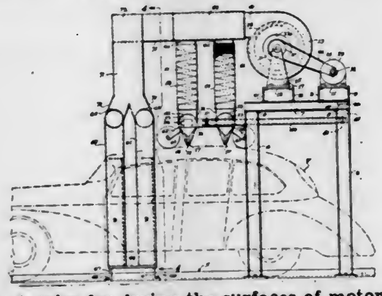
2,440,156
CIGAR PUNCHING MACHINE
Sam Reso, Jacksonville, Fla., assignor to Universal Tobacco Machine Co., Inc., Jacksonville, Fla., a corporation of Florida
Application June 12, 1945, Serial No. 599,019
3 Claims. (Cl. 131—254)



1. A machine for punching cigars, comprising a cup plate having recesses therein to receive

ends of cigars in a bunch and a hole below each recess, means rigidly supporting said cup plate, a top plate spaced above and parallel to said cup plate, means supporting said top plate for vertical movement, spring means pressing said top plate upward, latch means for retaining said top plate in a depressed position, a needle plate vertically movable below said cup plate, needles projecting upward from said needle plate and movable therewith to project through respective holes in said cup plate, means for heating said needles, and means operable to elevate said needle plate and needles.

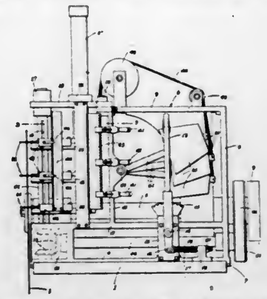
2,440,157
DRIER FOR MOTOR VEHICLE WASHING AND CLEANING APPARATUS
Leo J. Rousseau, Grosse Pointe Park, Mich., assignor, by mesne assignments, to Minit-Man, Inc., Detroit, Mich., a corporation of Michigan
Application August 19, 1944, Serial No. 550,241
7 Claims. (Cl. 34—229)



1. A drier for drying the surfaces of motor vehicles after they have been cleaned and washed, comprising a vehicle pathway, a frame structure disposed above said pathway and supported on each side thereof, a pair of pivoted bars carried by the frame structure, a spray nozzle extending between and supported by said pivoted bars to move vertically, means carried by said spray nozzle for engaging the top surface of a vehicle passing along said pathway to move said nozzle vertically and space said nozzle from the surface of said vehicle, said spray nozzle being provided with a discharge opening for directing air downwardly over a vehicle passing along said pathway, a motor blower for supplying said spray nozzle with air, spray nozzles disposed on opposite sides of said pathway for directing a jet of air over the sides of the vehicle body, a motor blower for said second-mentioned spray nozzles, and yielding duct means connecting said first-mentioned spray nozzle with the motor blower therefor.

2,440,158
MOUNTING AND CONTROL MEANS FOR ADJUSTABLE SAWS
Le Roy W. Sly, Kyburz, Calif.
Application May 2, 1945, Serial No. 591,441
8 Claims. (Cl. 143—37)

3. An edging saw assembly for sawmills, comprising a frame, a driven shaft upstanding from the frame, a guide rod upstanding from the frame in spaced but parallel relation to the shaft, a plurality of telescopically arranged tubular guides surrounding and guided by the rod, a shifting member fixed on and projecting from the lower end of each tubular guide, said shifting members being vertically spaced, a circular saw supported by each member and surrounding the shaft in vertically slidable, driven relation, and normally latched but releasable, manually



actuated means to vertically adjust said members separately and selectively.

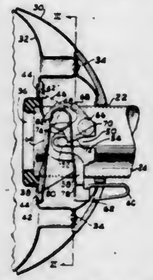
2,440,159
APPARATUS FOR DRYING THREAD BY CONDUCTION
Richard W. Stanley, Drexel Hill, Pa., assignor to American Viscose Corporation, Wilmington, Del., a corporation of Delaware
Application February 26, 1944, Serial No. 523,985
2 Claims. (Cl. 34—52)

1. In an apparatus for drying filamentary material of indefinite length, a smooth stationary heated surface, means for continuously advancing the material at a substantially uniform rate of speed over and in contact with the heated surface through a path having a substantially straight undeviating portion which comprises the heated surface and a loop portion at the discharge end of the straight portion, means adjacent the end of the path for collecting the material in the form of a wound package, means for varying the speed of the collecting means, and a tension responsive element in the loop for controlling the speed varying means and maintaining the length of the material moving freely in the straight and loop portions of the path substantially constant to permit free uniform lengthwise contraction of the material during drying.

2,440,160
COUPLING MEANS
Charles H. Taylor, Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application June 16, 1945, Serial No. 599,939
6 Claims. (Cl. 285—173)

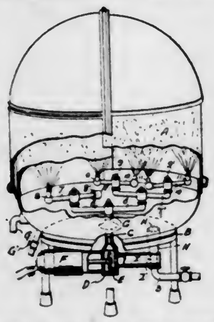
1. The combination with a first member having a first opening and a second member insertable into said opening, of means for detachably coupling said members, said means including a pin carried by said second member, a bracket carried by said first member adjacent said open-

ing and having a slot therein adapted to receive said pin, a latch pivoted to said bracket and movable to a first position in which it permits insertion and withdrawal of said pin into and from said slot, and to a second position in which it prevents withdrawal of said pin from said



slot, a spring biasing said latch to said second position, there being a second opening formed in said first member, and means carried by said latch and projecting through said second opening for moving said latch to said first position against the action of said spring.

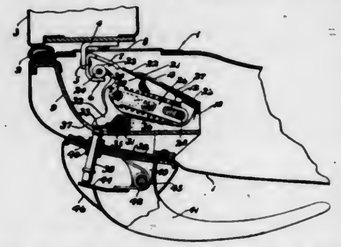
2,440,161
DISHWASHING MACHINE
John Vaudreuil, Chicago, Ill.
Application April 30, 1945, Serial No. 591,061
1 Claim. (Cl. 299—70)



A dish washer comprising a rotatory master fluid discharge pipe, a two armed distributing tube mounted upon one end of the master pipe, a pair of auxiliary nozzled tubes revolvably mounted upon the ends of the distributing tube whereby the master pipe is overbalanced and adapted to discharge a series of intersecting sprays from the auxiliary tubes, a second distributing tube mounted upon the opposite end of the master pipe having a nozzle at one end, and a weight upon the other end of the aforesaid distributing tube whereby the master pipe is momentarily delayed in rotation to cause the series of overbalanced spray jets to be delayed and concentrated upon dishes to be washed.

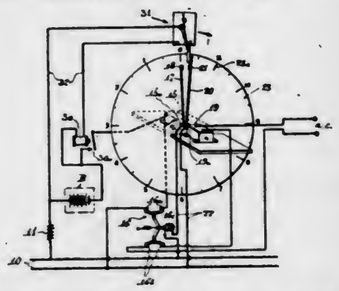
2,440,162
REFRIGERATION LATCH MECHANISM
Lloyd L. Anderson, Grand Rapids, Mich., assignor to Winters & Crampton Corporation, Grandville, Mich., a corporation of Michigan
Application July 31, 1944, Serial No. 547,374
10 Claims. (Cl. 292—332)

1. A latch structure comprising, a housing having spaced apart sides connected at one edge and adjacent one end by a cross member, the edges of said housing sides being continued therebeyond as straight inwardly extending flanges for a distance and then curved and extending at an angle for a short distance toward the opposite edges of said sides and then reversely curved and extended therebeyond in the arc of a circle toward said opposite edges, and from the ends of said arcs extended to the opposite edges of said sides, a rod located between the sides of the housings near the first mentioned end thereof, a latch bolt formed of sheet metal having spaced apart sides connected at one edge by transverse means, said latch bolt being pivotally mounted on said rod,



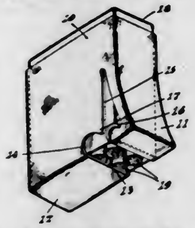
a roller carried at the free end of the latch bolt between the sides thereof, said latch bolt having slots in its sides toward the roller carrying end thereof, a bar having a longitudinal slot adjacent one end, said rod passing through said slot, whereby the bar is pivotally and slidably mounted on the housing, a cross pin passing through said bar at its opposite end and through the slots in the sides of the bolt, rollers mounted at the ends of said cross pin bearing against the flanges on said housing, and a coiled compression spring located around said bar bearing at one end against said rod, said bar adjacent its opposite end having shoulders against which the other end of the spring bears.

2,440,163
BATTERY-CHARGING APPARATUS AND METHOD
Fayette C. Anderson, West Orange, N. J., assignor to Thomas A. Edison, Incorporated, West Orange, N. J., a corporation of New Jersey
Application May 16, 1946, Serial No. 670,230
15 Claims. (Cl. 320—30)



1. In charging a battery in accordance with the taper-current principle: the method comprising producing a varying quantity during charging according to the difference between the time-rate integrals of the actual charging rate and a selected average charging rate, and controlling the termination of the charge by said quantity.

2,440,164
CIGARETTE PACKAGE HOLDER
Edwin L. Beckwith, Brookline, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H., a corporation of New Hampshire
Application July 23, 1946, Serial No. 685,688
4 Claims. (Cl. 206—41)



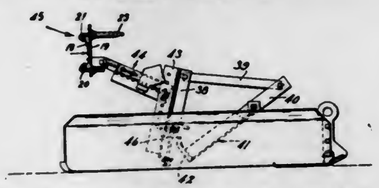
1. A cigarette case comprising an integral rectangular body of thin, resilient, transparent plastic material, open at one end to receive a cigarette package, and having at its other end a normally closed face intersected near one edge by a transverse slit which is connected by short curved slits in the wide side walls of the said body to longitudinal slits extending more than half way to the open end of the body, thereby forming a resilient hinge in the adjacent narrow wall of the body, and flanges projecting from the walls of the body adjacent to the said short curved slits.

2,440,165
DEBRIS COLLECTOR FOR DRAINS
William Behrend, Milwaukee, Wis.
Application July 20, 1945, Serial No. 606,104
3 Claims. (Cl. 4—190)



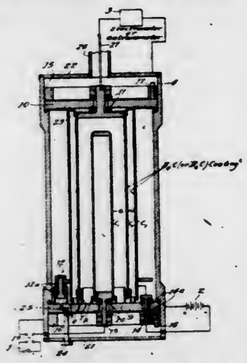
1. The combination with a drain outlet fitting provided with a stopper at its upper end and a fixed debris collecting spider downwardly spaced from the stopper, of a removable member interposed between the stopper and said fixed spider and having spider-like arms of arcuate cross section corresponding in number and substantially in horizontal diameter to those of the fixed spider, and adapted to register with those of the fixed spider and loosely rest thereon, whereby flow of water through the fitting will not be impeded by said removable member.

2,440,166
ELEVATING MECHANISM FOR SNOWPLOWS
Roland B. Bourne, West Hartford, and John P. Tyskewicz, Hartford, Conn., assignors to The Maxim Silencer Company, Hartford, Conn., a corporation of Connecticut
Application May 20, 1946, Serial No. 670,876
2 Claims. (Cl. 37—44)



1. In a snowplow, a pair of moldboards in V-formation, a support pivoted between the moldboards adjacent the apex of the V, a shoe carried by the support at a distance from the pivot greater than the distance of the pivot from the lower surface of the moldboards, means connecting the plow with the bumper of an automobile and having a lost motion connection with the plow, and means connecting said means with the support to rock the same in a direction to remove the shoe from contact with the ground when the plow is being pushed forwardly and to tilt the support to elevate the front of the plow upon the shoe when the plow is pulled rearwardly.

2,440,167
DIFFERENTIAL ION CHAMBER
James W. Broxon and William P. Jesse, Chicago, Ill., assignors to the United States of America as represented by the United States Atomic Energy Commission
Application January 20, 1944, Serial No. 518,972
20 Claims. (Cl. 250—83.6)

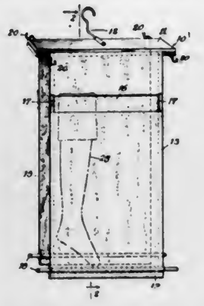


1. Apparatus for measuring the radiation intensity of slow neutrons separately from that of other coexistent penetrating radiations such as gamma rays or fast neutrons comprising, in combination, a pair of sub-chambers having wall portions constituting electrodes, only one of said sub-chambers enclosing a material which emits alpha particles when bombarded by slow neutrons, the other of said sub-chambers being devoid of said material, means for applying electrical potentials to each of said electrodes, said electrodes including collecting electrode means for collecting ions formed in both sub-chambers, and means for measuring the flow of the collected ions.

2,440,168
MEAT PRODUCT AND PROCESS OF MAKING THE SAME
George L. Cross, Loudonville, N. Y., assignor to Tobin Packing Co., Inc., Albany, N. Y.
No Drawing. Application December 8, 1944, Serial No. 567,311
4 Claims. (Cl. 99—108)

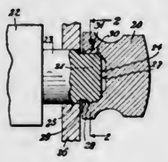
1. A process of preparing a meat product which comprises first dividing a quantity of lean muscle tissue into relatively small pieces, dividing a second quantity of muscle tissue into very small particles so as to form a colloid-like binder, thereafter mixing together the pieces of meat and the binder and blending therewith a small quantity of emulsified fat and pressing the mixture into a mold and freezing it solidly throughout, then removing the preparation from the mold and cutting the meat into slices.

2,440,169
STOCKING DRYER
Malvina Diamant, New York, N. Y.
Application November 7, 1946, Serial No. 708,301
1 Claim. (Cl. 34—95)



A device of the character described, comprising a head piece, a pair of absorbent sheet members depending from said head piece, a strip of material sewn to each of said sheet members for holding stockings or the like, a rod in the lower portion of said sheet members and means on said head piece to engage said rod when said sheet members are rolled to hold them in a rolled position.

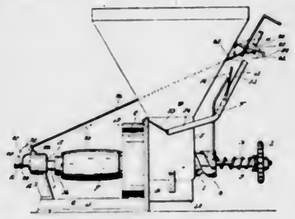
2,440,170
HANDLE, KNOB, AND MOUNTING STRUCTURE
George Duefrene, Monroe, Conn.
Application February 15, 1944, Serial No. 522,446
17 Claims. (Cl. 16—121)



8. A handle structure comprising a mounting member and a knob member, one of said members having a bulbous head and the other a socket to receive it, the socket being formed by a cavity having a constricted entrance opening to resist passage of the head into and out of the cavity and the center of curvature of the side wall of the head being inwardly displaced from and lower on the head than the center of curvature of the corresponding side wall of the socket, at least one of said members being made of cellulose acetate material which yields to permit the forced passage of the bulbous head into the cavity and resiliently holds the same therein against casual separation to thereby secure the mounting member and knob member together.

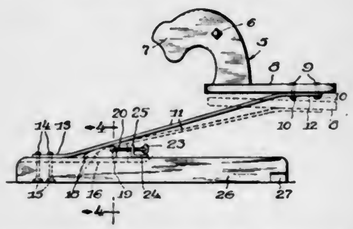
2,440,171
QUICK RELEASE MEANS FOR INCREASING THE GAP BETWEEN DISKS UPON ENTRY OF UNCRUSHABLES
James A. Eldridge, St. James, Manitoba, Canada
Application September 9, 1943, Serial No. 501,734
11 Claims. (Cl. 241—32)

1. A material crusher comprising in combination, a supporting structure, a hopper, a crushing chamber, crushing plates therewithin, a non-rotatable, end-shiftable shaft, a driving mechanism for actuating at least one of said crushing plates, the plate actuated thereby being held against independent linear movement on said shaft and acting to end-shift the same when separated from the other plate by a damaging obstruction, said driving mechanism also being mounted for rotation upon said shaft, crushing plate separating mechanism comprising in combination, a stationary cam thrust receiving element provided with a spiral face, a swivelling



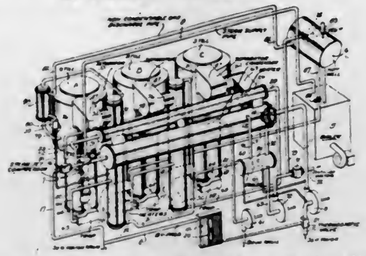
thrust cam designed under normal conditions releasably to hold said shaft against end-shifting and the plate thereon against separation from the opposing plate, said cam and said element being mounted co-axially with respect to said shaft, releasable means for holding a predetermined area of said swivelling cam in bearing contact with said stationary element in the operable position of said crushing plates, the release of said means allowing said swivelling cam to move in a spiral direction against the face of said element to permit end-shifting of said shaft and separation of said plates.

2,440,172
HOBBYHORSE
Thomas Gibbons, Chicago, Ill.
Application October 9, 1945, Serial No. 621,215
5 Claims. (Cl. 272—52)



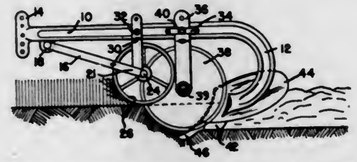
1. A hobby horse comprising, a seat, a base, resilient means interconnecting the said seat to the said base, and resiliency adjusting means slidably secured to the said base adjacent the mooring point of the said resilient means to the said base for varying the flexure of the said resilient means, the said resiliency adjusting means including an angular support secured to the said base having a threaded portion in its upright portion, an adjusting screw threadably connected to the said threaded portion, the said screw being provided with a filleted portion at its end, a dovetailed slide element slidably secured to said base and provided with an inclined plane surface in intimate contact with the lower surface of the said resilient means, and a pin element secured to the said slide element and engaging the said filleted portion.

2,440,173
MULTIPLE EFFECT STILL WITH THERMO-COMPRESSION OF VAPORS
Roy O. Henszey, Oconomowoc, Wis.
Application June 15, 1942, Serial No. 447,170
20 Claims. (Cl. 202—174)



11. A still assembly comprising a plurality of stills and heat exchanger in series, each still comprising a heating fluid space, a heated fluid space, and a vapor space, and each heat exchanger comprising a heating fluid space and a heated fluid space, means connecting both the vapor space and the heating fluid space of a first still of said series to the heating fluid space of the heat exchanger, means for connecting the heating fluid space of the said heat exchanger to the heating fluid space of the next successive still of the series, whereby both the condensate and vapor and uncondensed heating fluid from the first still are led through the heat exchanger to the heating fluid space of the second still, and means for delivering fluid to be heated to the heated fluid space of the first still through the heated fluid space of said heat exchanger.

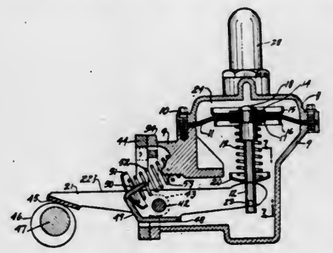
2,440,174
PLOWING MECHANISM
Michael Howard, Davenport, Wash.
Application December 18, 1944, Serial No. 568,617
2 Claims. (Cl. 97—3)



1. Plowing mechanism comprising a plow beam having an end-to-end pair of spaced apart pressure rollers journalled thereunder, said rollers comprising elongated cylinders with their adjacent ends in close proximity to each other, means connecting the rollers to the beam and positioning said rollers at a predetermined level below said beam, a rolling colter secured to said beam and having a portion positioned between said rollers, a plowshare and a moldboard secured on said beam with their forward vertical edges in juxtaposition to the colter whereby the colter serves as a land side therefor and the rollers provide a support to limit the depth to which the plow share can enter the ground.

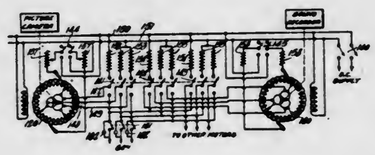
2,440,175
FUEL PUMP
Morris Katcher, New York, N. Y.
Application June 21, 1945, Serial No. 600,782
3 Claims. (Cl. 103—150)

1. A fuel pump for internal combustion engines having pump driving means comprising a pump housing adapted to be mounted on an engine, a pumping chamber in the housing, a pumping diaphragm within said housing adapted to cooperate with the pumping chamber for effecting the pumping, a stem attached to the diaphragm, a lever pivotally mounted at an intermediate portion on the housing, the outer end of the lever adapted to engage said driving means to be given a stroke in one direction and a spring reacting at one end against the lever and at the other against the housing for giving the lever a stroke



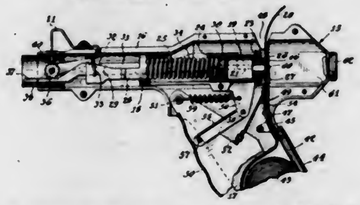
in the opposite direction, said lever being an integral piece of sheet metal formed into a pair of spaced substantially vertical side pieces, the outer end of said pieces being provided with a transverse bridge joining them and arranged to engage said driving means and a second bridge joining said pieces at a location inward of said former bridge, a tongue extending as an elongation of the second bridge for engaging the lever end of said spring, the inner end of the lever engaging the stem with a lost motion connection.

2,440,176
MOTOR DRIVE SYSTEM
Edward W. Kellogg, Indianapolis, Ind., assignor to Radio Corporation of America, a corporation of Delaware
Original application December 21, 1939, Serial No. 310,365, now Patent No. 2,295,664, dated September 15, 1942. Divided and this application April 30, 1942, Serial No. 441,149
8 Claims. (Cl. 318—41)



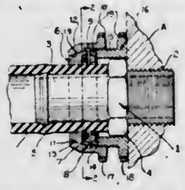
1. In a drive system for the synchronous operation from standstill to full speed of a plurality of electrodynamic machines each provided with polyphase alternating current terminals and with direct current terminals, the combination of means for supplying direct current to said alternating current terminals for interlocking said machines at standstill, means for interconnecting said alternating current terminals, means for supplying a relatively large direct current to the direct current terminals of one of said machines and a relatively small direct current to the direct current terminals of the other of said machines for starting said machines, and means for sychronizing said machines with an alternating current supply source.

2,440,177
TOY
Alfred H. Laidig, Bloomfield, N. J., assignor to Joseph Reich, Brooklyn, N. Y.
Application October 7, 1944, Serial No. 557,634
9 Claims. (Cl. 46—195)



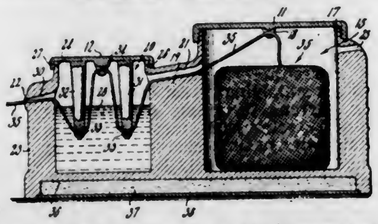
1. A percussive toy comprising a fixed breech having a hole therein, means for feeding a burstable membrane across said breech over said hole, a reciprocator movable toward said breech and adapted to seal against the same around said hole with said membrane interposed, and means movable in said reciprocator for creating air pressure therein for bursting said membrane.

2,440,178
HOSE COUPLING
Albert P. Lofquist, Jr., Inglewood, Calif.
Application September 8, 1945, Serial No. 615,121
14 Claims. (Cl. 285—86)



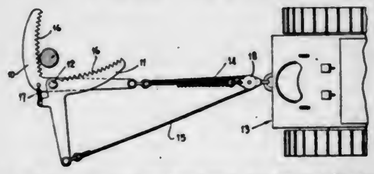
1. A hose coupling comprising: a thrust ring, and a cam ring, the latter having a tapered cam face; a plurality of clamping segments radially engaged by said cam ring and axially engaged by said thrust ring; said clamping segments defining compositely an annular axially directed channel; an annular retaining ring loosely fitting said channel; and radial pins for loosely retaining said segments on said ring in substantially equally spaced relation.

2,440,179
TWINE MOISTENING AND DISPENSING DEVICE
Victor F. Mabli, Tarrytown, N. Y.
Application February 6, 1945, Serial No. 576,432
3 Claims. (Cl. 91—46)



3. A sanitary twine dispenser comprising, in combination, a twine compartment; a water container; enclosure means for said compartment and container protecting twine and water therein from atmospheric contamination; guide means within said enclosure means effective to guide twine, from a supply thereof in said compartment, to said water container; finger means carried by said enclosure means effective to immerse the twine in water in said water container; and passage means for withdrawing twine from said dispenser.

2,440,180
GRIPPING MEANS FOR REMOVING TREES
John W. MacClatchie, Los Angeles, Calif.
Application February 7, 1945, Serial No. 576,527
2 Claims. (Cl. 37—2)



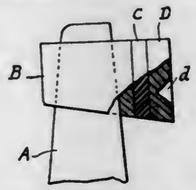
2. A device for attachment to a draft apparatus for gripping and pulling trees, stumps, and the like, comprising a primary jaw having a forwardly extending shank portion and a laterally extending gripping portion, a secondary jaw having a shank portion and a gripping portion, said secondary jaw being mounted on said primary jaw and pivotally movable from open position in which said gripping portion of said primary jaw is unobstructed for engagement with a tree, stump, or the like, to a closed position in which said gripping portion of said secondary jaw is in opposed cooperating relationship to the gripping portion of said primary jaw, resilient means for urging said secondary jaw to open position, an extensible spring member secured to said shank portion of said primary jaw and extending forwardly for connection to a draft apparatus, a flexible line extending forwardly from said shank portion of said primary jaw to a pulley secured to the draft apparatus, and thence extending rearwardly to said shank portion of said secondary jaw whereby said shank portion of said primary jaw may engage a tree, stump, or the like, during forward movement of the draft apparatus, and said flexible line will pull said secondary jaw from open position to closed position during elongation of said spring member, after which said flexible line will prevent further elongation of said spring member and will transmit pulling force from the draft apparatus to said device.

2,440,181
PICKER STICK
George J. Muller, Philadelphia, Pa., assignor to Taylor Fibre Company, Norristown, Pa., a corporation of Pennsylvania
Application December 11, 1945, Serial No. 634,160
2 Claims. (Cl. 139—157)



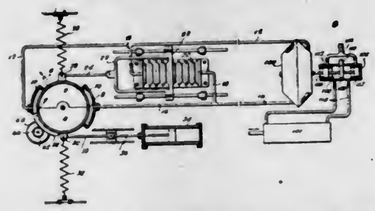
1. A picker stick having a body portion formed of strips of phenol fibre, a facing strip extending over at least a portion of the side thereof facing the striking portion of the picker, and a rubber strip interposed between the facing strip and the body portion for absorbing shock, both the facing strip and the rubber strip being relatively thin when compared to the thickness of the body.

2,440,182
PICKER
George J. Muller, Philadelphia, Pa., assignor to Taylor Fibre Company, Norristown Pa., a corporation of Pennsylvania
Application December 11, 1945, Serial No. 634,161
5 Claims. (Cl. 139—159)



1. A picker for a loom picker stick, comprising a member provided with a socket member for mounting on a picker stick, a shuttle engaging member and a shock absorbing member between said members bonded to the side faces thereof, the shock absorbing member forming the sole support between the socket member and the shuttle engaging member, permitting free lateral expansion in all directions of the shock absorbing member between the bonded faces of the members.

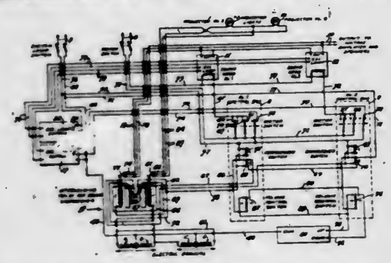
2,440,183
AUTOMATIC REGULATING SYSTEM HAVING A MOVABLE CONTROL ELEMENT AND A FOLLOW-UP ELEMENT
Robert Hayes Nisbet, Stroud, England, assignor to The Sperry Gyroscope Company, Ltd., Brentford, England
Application February 19, 1944, Serial No. 523,099
In Great Britain February 2, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires February 3, 1963
9 Claims. (Cl. 121—41)



1. An automatic regulating system having a movable control element and a following element, means for exerting a force on said following element dependent on the relative displacement of said elements and means connected to said following element for generating counter-forces to oppose the movement thereof, said last-named means including a control spring generating a force directly proportional to the amplitude of the displacement, and means for creating a force varying as the first time derivative of the displacement.

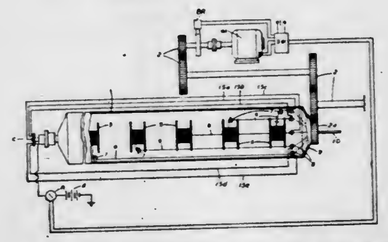
2,440,184
ELECTRIC CHANGE-OVER SYSTEM
James D. Phyfe, Gloucester, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application June 6, 1946, Serial No. 674,762
15 Claims. (Cl. 88—16.2)

1. A motion picture changeover system comprising a plurality of light sources for illuminating respective picture films, a plurality of light sources for scanning respective sound records on said films, one of each of said light picture illuminating and scanning light sources being operative at the same time, and a plurality of control boxes for changing from one illuminating light source to another and from one sound scanning light source to another, each of said control boxes



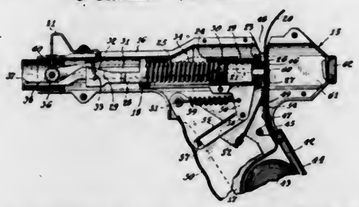
containing means for individually changing from one illuminating light source to another illuminating light source and subsequently from one scanning light source to another scanning light source, the actuation of one of said means providing simultaneous changeover from one of said picture illuminating sources to another and from one of said scanning light sources to another.

2,440,185
MACHINE FOR STRANDING WIRES
Alfred James Prosser, Rochester, and Ernest Alfred Smith, Gravesend, England, assignors to W. T. Henley's Telegraph Works Company Limited, London, England, a British company
Application August 1, 1946, Serial No. 687,774
In Great Britain August 31, 1945
7 Claims. (Cl. 57—81)



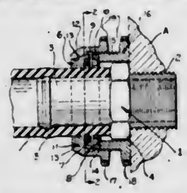
1. A stranding machine comprising a rotatably driven frame, a plurality of wire-supplying reels housed in said frame, a plurality of contacts, one for each reel, insulated from said frame and over which the wires pass on their way from the reels to the outlet from the frame, a plurality of internal circuits, each including one of the insulated contacts and the wire passing thereover, an external circuit including a source of current and a control device for stopping the machine which device is brought into action on the cessation of current flow therethrough, and means for connecting each internal circuit in turn and at short intervals of time to the external circuit before disconnecting the previously connected internal circuit therefrom, whereby to maintain for the control device a circuit which under normal running conditions is complete but which is interrupted on the occurrence of a break in any of the wires between the supply reel and the outlet from the frame.

2,440,177
TOY
Alfred H. Laidig, Bloomfield, N. J., assignor to Joseph Reich, Brooklyn, N. Y.
Application October 7, 1944, Serial No. 557,634
9 Claims. (Cl. 46—195)



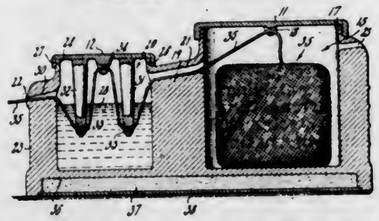
1. A percussive toy comprising a fixed breech having a hole therein, means for feeding a burstable membrane across said breech over said hole, a reciprocator movable toward said breech and adapted to seal against the same around said hole with said membrane interposed, and means movable in said reciprocator for creating air pressure therein for bursting said membrane.

2,440,178
HOSE COUPLING
Albert P. Lofquist, Jr., Inglewood, Calif.
Application September 8, 1945, Serial No. 615,121
14 Claims. (Cl. 285—86)



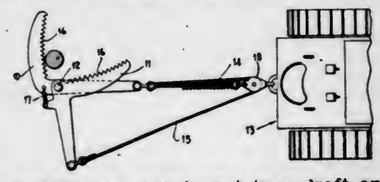
1. A hose coupling comprising: a thrust ring, and a cam ring, the latter having a tapered cam face; a plurality of clamping segments radially engaged by said cam ring and axially engaged by said thrust ring; said clamping segments defining compositely an annular axially directed channel; an annular retaining ring loosely fitting said channel; and radial pins for loosely retaining said segments on said ring in substantially equally spaced relation.

2,440,179
TWINE MOISTENING AND DISPENSING DEVICE
Victor F. Mabli, Tarrytown, N. Y.
Application February 6, 1945, Serial No. 576,432
3 Claims. (Cl. 91—46)



3. A sanitary twine dispenser comprising, in combination, a twine compartment; a water container; enclosure means for said compartment and container protecting twine and water therein from atmospheric contamination; guide means within said enclosure means effective to guide twine, from a supply thereof in said compartment, to said water container; finger means carried by said enclosure means effective to immerse the twine in water in said water container; and passage means for withdrawing twine from said dispenser.

2,440,180
GRIPPING MEANS FOR REMOVING TREES
John W. MacClatchie, Los Angeles, Calif.
Application February 7, 1945, Serial No. 576,527
2 Claims. (Cl. 37—2)



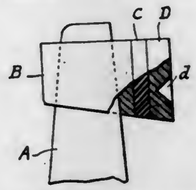
2. A device for attachment to a draft apparatus for gripping and pulling trees, stumps, and the like, comprising a primary jaw having a forwardly extending shank portion and a laterally extending gripping portion, a secondary jaw having a shank portion and a gripping portion, said secondary jaw being mounted on said primary jaw and pivotally movable from open position in which said gripping portion of said primary jaw is unobstructed for engagement with a tree, stump, or the like, to a closed position in which said gripping portion of said secondary jaw is in opposed cooperating relationship to the gripping portion of said primary jaw, resilient means for urging said secondary jaw to open position, an extensible spring member secured to said shank portion of said primary jaw and extending forwardly for connection to a draft apparatus, a flexible line extending forwardly from said shank portion of said primary jaw to a pulley secured to the draft apparatus, and thence extending rearwardly to said shank portion of said secondary jaw whereby said shank portion of said primary jaw may engage a tree, stump, or the like, during forward movement of the draft apparatus, and said flexible line will pull said secondary jaw from open position to closed position during elongation of said spring member, after which said flexible line will prevent further elongation of said spring member and will transmit pulling force from the draft apparatus to said device.

2,440,181
PICKER STICK
George J. Muller, Philadelphia, Pa., assignor to Taylor Fibre Company, Norristown, Pa., a corporation of Pennsylvania
Application December 11, 1945, Serial No. 634,160
2 Claims. (Cl. 139—157)



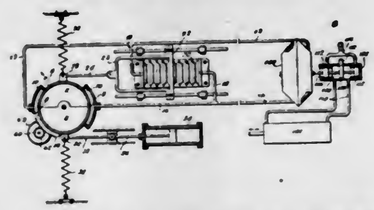
1. A picker stick having a body portion formed of strips of phenol fibre, a facing strip extending over at least a portion of the side thereof facing the striking portion of the picker, and a rubber strip interposed between the facing strip and the body portion for absorbing shock, both the facing strip and the rubber strip being relatively thin when compared to the thickness of the body.

2,440,182
PICKER
George J. Muller, Philadelphia, Pa., assignor to Taylor Fibre Company, Norristown Pa., a corporation of Pennsylvania
Application December 11, 1945, Serial No. 634,161
5 Claims. (Cl. 139—159)



1. A picker for a loom picker stick, comprising a member provided with a socket member for mounting on a picker stick, a shuttle engaging member and a shock absorbing member between said members bonded to the side faces thereof, the shock absorbing member forming the sole support between the socket member and the shuttle engaging member, permitting free lateral expansion in all directions of the shock absorbing member between the bonded faces of the members.

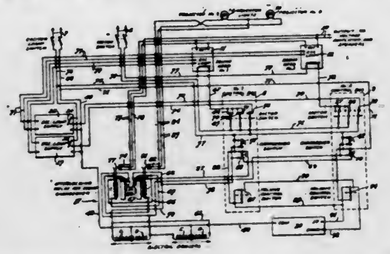
2,440,183
AUTOMATIC REGULATING SYSTEM HAVING A MOVABLE CONTROL ELEMENT AND A FOLLOW-UP ELEMENT
Robert Hayes Nisbet, Stroud, England, assignor to The Sperry Gyroscope Company, Ltd., Brentford, England
Application February 19, 1944, Serial No. 523,099
In Great Britain February 3, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires February 3, 1963
9 Claims. (Cl. 121—41)



1. An automatic regulating system having a movable control element and a following element, means for exerting a force on said following element dependent on the relative displacement of said elements and means connected to said following element for generating counter-forces to oppose the movement thereof, said last-named means including a control spring generating a force directly proportional to the amplitude of the displacement, and means for creating a force varying as the first time derivative of the displacement.

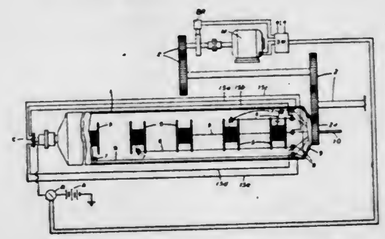
2,440,184
ELECTRIC CHANGE-OVER SYSTEM
James D. Phyfe, Gloucester, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application June 6, 1946, Serial No. 674,762
15 Claims. (Cl. 88—16.2)

1. A motion picture changeover system comprising a plurality of light sources for illuminating respective picture films, a plurality of light sources for scanning respective sound records on said films, one of each of said light picture illuminating and scanning light sources being operative at the same time, and a plurality of control boxes for changing from one illuminating light source to another and from one sound scanning light source to another, each of said control boxes



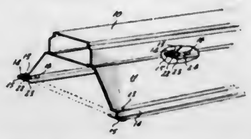
containing means for individually changing from one illuminating light source to another illuminating light source and subsequently from one scanning light source to another scanning light source, the actuation of one of said means providing simultaneous changeover from one of said picture illuminating sources to another and from one of said scanning light sources to another.

2,440,185
MACHINE FOR STRANDING WIRES
Alfred James Prosser, Rochester, and Ernest Alfred Smith, Gravesend, England, assignors to W. T. Henley's Telegraph Works Company Limited, London, England, a British company
Application August 1, 1946, Serial No. 687,774
In Great Britain August 31, 1945
7 Claims. (Cl. 57—81)



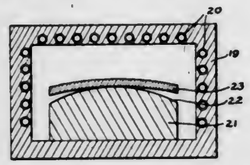
1. A stranding machine comprising a rotatably driven frame, a plurality of wire-supplying reels housed in said frame, a plurality of contacts, one for each reel, insulated from said frame and over which the wires pass on their way from the reels to the outlet from the frame, a plurality of internal circuits, each including one of the insulated contacts and the wire passing thereover, an external circuit including a source of current and a control device for stopping the machine which device is brought into action on the cessation of current flow therethrough, and means for connecting each internal circuit in turn and at short intervals of time to the external circuit before disconnecting the previously connected internal circuit therefrom, whereby to maintain for the control device a circuit which under normal running conditions is complete but which is interrupted on the occurrence of a break in any of the wires between the supply reel and the outlet from the frame.

2,440,186
LIGHTING FIXTURE HINGE
Richard M. Runge, Meriden, Conn., assignor to The Miller Company, Meriden, Conn., a corporation of Connecticut
Application April 23, 1946, Serial No. 664,317
8 Claims. (Cl. 240—103)



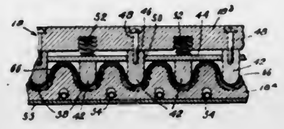
5. A reflector having an outwardly extending flange with a downwardly facing seat, an elongated angle member of right angle cross-section having an upper portion extending lengthwise of the seat and secured to it and a lower portion extending downwardly from the seat, the lower portion having a slot, the material forming the lower wall of the slot being out of the plane of the material forming the upper part of the slot, the slot being elongated and longer at the top than the bottom, and a reflector cover having a supporting member having a narrow lower portion and an upper long portion, the longer portion being movable transversely through the upper part of the slot and downwardly behind the end walls of the narrower portion of the slot.

2,440,187
REFRACTORY AND METHOD OF MAKING THE SAME
Carl G. Silverberg, Brookfield, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application January 16, 1943, Serial No. 472,604
13 Claims. (Cl. 106—66)



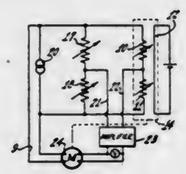
1. The method of forming a refractory suitable for heat dropping glass articles comprising forming a mixture of an ingredient having a high aluminous silicate content in substantially anhydrous state, ball clay, an infra-red absorbing ingredient and water with the ingredient of high aluminous silicate content being in excess of the ball clay and the infra-red absorbing ingredient being controlled according to the infrared absorbing characteristics desired, shaping said composition to produce a refractory having a supporting surface of substantially the shape desired to be formed on the glass article, subjecting said shaped refractory to heat of a relatively low temperature to remove the water and subsequently subjecting said refractory to heat of a relatively high temperature with the maximum temperature being substantially above the temperature at which the glass articles will initially soften and controlled to introduce the proper binding action of the ingredients of the composition with no vitrification and so that a non-vitrified body substantially non-adhesive to glass in the presence of heat sufficient to soften the glass remains.

2,440,188
PERMANENT WAVING APPARATUS
Alfred E. Stroll, Brookline, Mass.
Application December 31, 1946, Serial No. 719,362
9 Claims. (Cl. 132—31)



1. A permanent waving apparatus comprising a unit adapted to be supported out of contact with a head, said unit comprising coacting sections of which one section has spaced apart grooves in its upper surface across a plurality of which grooves each strand of hair to be waved is laid, and another section is adapted to be superimposed on the first section and has ridges on its under surface for fitting in said grooves of the first section, thereby to depress each strand of hair into each of the said plurality of grooves across which each strand extends, resilient means operative between the two said sections for clamping the hair at opposite sides of each said groove and for yieldably restraining the descent of the said ridges into the said grooves, and means for moving the two sections relatively toward each other after the said clamping of the hair, thereby to depress said ridges further into the grooves with stretching of the hair of each strand in each of the plurality of grooves across which the strand extends while the strand is clamped at opposite sides of each of said plurality of grooves.

2,440,189
CONVECTION CURRENT RESPONSIVE INSTRUMENT
Vladimir K. Zworykin, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application April 13, 1945, Serial No. 588,233
10 Claims. (Cl. 177—351)

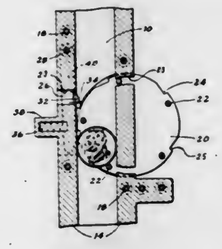


1. An apparatus of the character stated, comprising a heating element, means to heat said element, two temperature responsive electrical conductors equally spaced from said element and initially balanced as to resistance by equal convection currents from said element and responsive to changes of the impinging angle of said convection currents relative to said conductors to cause a differential resistance between said conductors, means to mount said element and said conductors in a vertical position, means to tilt said mounting means to cause unequal currents to unbalance said conductors, and an electrical agency associated with said conductors and operable as a function of said differential resistance.

2,440,190
PREPARATION OF NONPOROUS POLYTETRAFLUOROETHYLENE ARTICLES
Johannes Alfthan, New York, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application March 1, 1944, Serial No. 524,655
3 Claims. (Cl. 18—47.5)

1. Process of fabricating non-porous, homogeneous articles which comprises forming a slurry of finely divided polytetrafluoroethylene in a liquid dispersant inert to and capable of wetting said polytetrafluoroethylene and vaporizable at temperatures below 427° C., sedimenting a layer of polytetrafluoroethylene from said slurry, removing the excess liquid dispersant from said sedimented polytetrafluoroethylene, pressing said layer of sedimented polytetrafluoroethylene under a pressure of at least 50 pounds per square inch, releasing the said pressure seasoning said sedimented polytetrafluoroethylene until substantially free from said liquid dispersant, and sintering said sedimented polytetrafluoroethylene at a temperature above 327° C.

2,440,191
COUNTER MEANS FOR COIN CHUTES
Harvey N. Bliss, Windsor, Conn., assignor to Veeder-Root Incorporated, Hartford, Conn., a corporation of Connecticut
Application August 16, 1944, Serial No. 549,673
2 Claims. (Cl. 133—8)



1. In a device of the character described, a coin chute having a downwardly extending passage corresponding in cross section generally to the cross sections of the coins, an element arranged to be driven by the weight of the coins passing through said passage, said element comprising a rotary disk partially located in the rear wall of the passage and a plurality of pins projecting from the front face of the disk and adapted to be engaged by the coins, said pins being angularly spaced-apart and each having within the passage a coin receiving position adjacent one side edge of the passage and a single temporary coin holding and exhibiting position therebeneath adjacent the opposite edge of the passage, said disk having stop shoulders, and a pivoted latch located adjacent the first-mentioned side edge of the passage and having a tooth adapted to engage said shoulders and a downwardly and inwardly inclined cam portion projecting into said passage above the coin receiving position of said pins and adapted to be engaged and cammed outwardly from said passage by a coin passing therethrough to disengage the tooth from said shoulders whereby the coin is permitted to move to held and exhibited position while the prior coin is released.

2,440,192
COLLAPSIBLE HANGING GARMENT CONTAINER
Irma M. Cowan, Chicago, Ill.
Application August 2, 1945, Serial No. 608,503
3 Claims. (Cl. 312—6)



1. In a garment receptacle comprising a flexible bag, a shelf structure and flexible tapes secured to said bag adjacent the top thereof and supporting said shelf structure therein, clasp members for adjustably attaching the shelves to the supporting tapes, each of said clasp members comprising a portion attached to the shelf, a portion at an angle thereto having turned-back ends which form a channel slidably receiving the tapes and tangs extending into the channel from the turned-back ends which engage the tapes and retain the shelves in adjusted position.

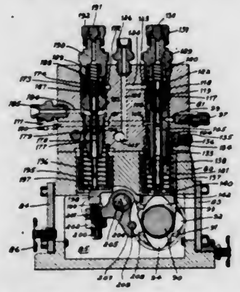
2,440,193
METHOD OF SEALING AND REINFORCING CARTONS WITH TAPE AND THE TAPE AS AN ARTICLE OF MANUFACTURE
Lewis Davis and Edwin C. Tuukkanen, Worcester, Mass., assignors to McLaurin-Jones Co., Brookfield, Mass., a corporation of Massachusetts
No Drawing. Application January 4, 1944, Serial No. 516,974
7 Claims. (Cl. 93—56)

1. That improvement in methods of sealing and reinforcing cartons and the like with a tape having a normally dry, non-tacky coating thereon composed chiefly of a protein-type water-soluble adhesive blended with an emulsified resinous waterproofing agent, comprising the steps of making said coating tacky by wetting it with an aqueous solution containing one or more chemicals adapted to convert the protein constituent of the coating into a water-insoluble form and also to de-emulsify said waterproofing agent, and applying the tape to the desired surface of the carton while said coating is in a tacky condition, whereby said chemical constituent of said wetting liquid will subsequently react with said protein adhesive and with said emulsified waterproofing agent to convert both into water-insoluble forms.

6. A readily water wettable sealing and reinforcing tape comprising a thin flexible backing sheet coated on one side thereof with a normally non-tacky mixture by dry weight of 50% to 80% water soluble protein glue and 20% to 50% colloidal particles of waterproof bituminous adhesive dispersed therein, said tape having been formed

by coating the sheet with a water solution of the glue containing the bituminous adhesive emulsified therein, and drying the coating to a minimum water content without breaking the emulsion.

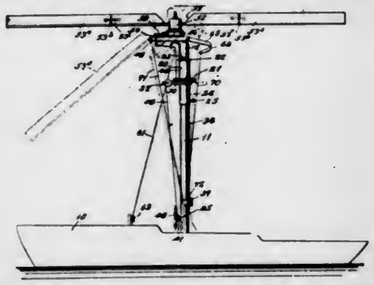
2,440,194
FUEL PUMP
Kalman J. De Juhasz, State College, Pa., and Frederick J. Villforth, Jr., Beacon, N. Y., assignors to The Texas Company, New York, N. Y., a corporation of Delaware
Application January 29, 1946, Serial No. 644,032
20 Claims. (Cl. 103—41)



1. A fuel pump and timer assembly for an internal combustion engine operating with fuel injection and having a fuel injection line, comprising a pump block having a pump cylinder and a plunger operating therein, an inlet from a source of low pressure fuel supply communicating with said pump cylinder, a high pressure fuel storage chamber, an outlet from said pump cylinder communicating with said storage chamber, said pump block also having a timer cylinder and a plunger operating therein, an inlet to said timer cylinder communicating with said storage chamber, an outlet from said timer cylinder adapted to be connected to said fuel injection line of the engine, a spill port from said timer cylinder communicating with a return line to said low pressure fuel supply, a cam shaft mounted in said pump block, operative interconnections between said cam shaft and said pump and timer plungers, means for automatically controlling the operation of said pump plunger to regulate the supply of fuel from said low pressure source to said storage chamber to maintain a predetermined substantially constant high pressure of fuel within said storage chamber, and means associated with said timer plunger for controlling the beginning of injection on each cycle by connecting said timer cylinder inlet to said timer cylinder outlet while closing said spill port to thereby provide fuel flow from the storage chamber to the fuel injection line at the substantially constant high fuel pressure, and for regulating the end of injection on each cycle by connecting said spill port with said timer cylinder outlet while closing said timer cylinder inlet to thereby immediately reduce the fuel pressure in said fuel injection line to a substantially lower value.

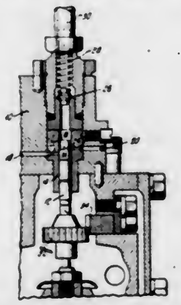
2,440,195
CRAFT PROPULSION
Horace M. Dobbins, Pasadena, Calif.
Application August 20, 1946, Serial No. 691,758
8 Claims. (Cl. 114—39)

6. In an apparatus of the character described, a mast rising vertically from a craft, a sleeve slidable on the mast, a rotor mounting secured to the sleeve and including a vertical axle pivoted at one end on the sleeve and tiltable therefrom, a rotor on the axle and disposed normally in a horizontal plane above the mast, means controlling the tilting of said axle and for stabilizing the position of the axle and rotor, said mast having a groove in the top, said groove extending downwardly in the mast at diametrically opposite points, a second sleeve on the mast below the



first sleeve, means carried by the last named sleeve and projecting in the groove for preventing rotation of the sleeve, and a cable in the groove between the mast and the sleeves, one end of the cable having connection with the second sleeve, the other end of the cable having connections with the lower end of the mast so that when the last mentioned end is released the sleeve and rotor may be lowered.

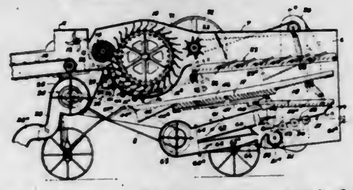
2,440,196
MULTIPLE FLUID PROPORTIONING PUMP
William N. Fenney, New York, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Application June 29, 1944, Serial No. 542,777
16 Claims. (Cl. 103—7)



6. A pump of the character described comprising a cylinder provided with a valve-controlled outlet port, a plunger slidably and rotatably disposed in said cylinder, said plunger and said cylinder forming a fluid delivery chamber, means for causing said plunger to undergo reciprocating movement, means for varying the rotative position of said plunger in said cylinder, said cylinder also being provided with two inlet ports positioned in spaced relation in the direction of the axis of the cylinder and around the circumference of the cylinder to be uncovered at different points of plunger reciprocating movement, said plunger having a cylindrical section of substantially the diameter of said cylinder terminating in the direction of said delivery chamber in a helical line, said helical line having a varying

slope which is relatively large at the beginning and decreases toward the end, whereby upon rotation of said plunger the cylindrical section of said plunger covers a different portion of the wall of said cylinder and thereby is adapted to vary both the point in the cycle of plunger reciprocating movement at which each inlet port is opened to the delivery chamber and the period of the cycle during which each inlet port remains open to said delivery chamber, separate conduits for supplying a fluid to each of said inlet ports, and a valve in one of said conduits to prevent flow of fluid away from said cylinder.

2,440,197
PEANUT PICKER WITH GASEOUS SUSPENSION AND SIFTING
Daniel F. Good, Waynesboro, Pa., assignor to Frick Company, Waynesboro, Pa., a corporation of Pennsylvania
Original application September 21, 1942, Serial No. 466,470. Divided and this application July 6, 1944, Serial No. 543,678
6 Claims. (Cl. 209—33)



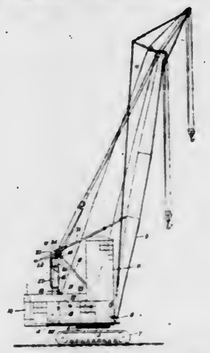
1. In a peanut picking machine, a wind blast unit, a housing for the latter, means separating the housing into upper and lower wind blast passages, a cleaning grid subject to the action of the wind blast, a conveyor for removing nuts from the machine, said conveyor being provided with a hopper opening, a valve board coacting with said opening, a deflector board in rear of said valve board, said valve board being adjustable to permit the nuts to pass directly from said cleaning grid into said opening or direct the nuts rearwardly to said deflector board and thence into said opening, the nuts when passing rearwardly to said deflector board being subjected to the blast of the lower wind blast passage to remove stones and like heavy particles therefrom.

2,440,198
PRESSURE-DETECTING COVERING
William C. Green, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application October 1, 1943, Serial No. 504,563
7 Claims. (Cl. 73—147)



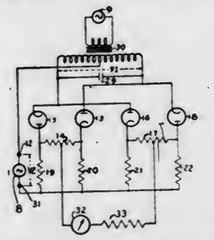
7. A pressure-detecting covering strip for a surface in airflow comprising a relatively thin strip of flexible impervious material conformable to the surface with the outer face of the strip corresponding substantially to the conformation of said surface whereby local aerodynamic conditions remain substantially unaltered by the presence of the strip, said strip having spaced-apart apertures in said face and a plurality of passageways individually in communication with said apertures and extending internally of the strip to positions at the edge of the strip individually remote from said apertures.

2,440,199
GANTRY STRUCTURE
William M. Huston, Lima, Ohio
Application July 5, 1945, Serial No. 603,380
8 Claims. (Cl. 212—59)



1. In a load handling machine having a rotating base carrying machinery frames and a boom, a gantry structure comprising a pair of front compression legs connected with the rotating base adjacent the mounting of the boom on the base and inclined upwardly and rearwardly therefrom, and rear tension legs extended generally vertically between the rotating base and the upper ends of the compression legs, a gantry head-shaft interconnecting the upper ends of the compression and tension legs, and braces connected with the tension legs intermediate the gantry shaft and the rotating base and inclined forwardly and downwardly therefrom toward and connected with the machinery frames.

2,440,200
RECTIFYING NETWORK FOR MEASURING ALTERNATING CURRENTS
Lionel Jofeh, London, England, assignor to A. C. Cossor Limited, London, England, a British company
Application March 14, 1945, Serial No. 582,640
In Great Britain April 6, 1944
6 Claims. (Cl. 171—95)



1. For the purpose described, the combination of a source of alternating reference voltage, a pair of rectifier load resistors each having rectifiers in series at both ends and being connected

to form parallel but oppositely-conducting paths across said source, four further resistors connected respectively from the four ends of said rectifier load resistors to a common point, a source of input alternating voltage having one terminal connected to a point having the mid-potential of said source of reference voltage and having its other terminal connected to said common point, and means responsive to the direct component of the voltage developed between the mid-points of said rectifier load resistors.

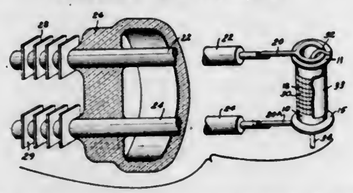
2,440,201
FIRE-RESISTANT CELLULOSE ESTERS AND ETHERS
Joseph H. Klaber, Conshohocken, and Johan Bjorksten, Philadelphia, Pa., assignors to Quaker Chemical Products Corp., Conshohocken, Pa.
No Drawing. Application December 23, 1944, Serial No. 569,642
12 Claims. (Cl. 106—194)

1. A plastic cellulosic composition in solid form comprising a solid cellulosic derivative selected from the group consisting of cellulose esters and cellulose ethers, and between about 1% and about 10% ammonium thiocyanate dissolved in solid solution in and distributed uniformly through said solid cellulosic derivative to impart fire-resistance thereto.

2,440,202
SOLID FIRE-RESISTANT CELLULOSE COMPOUND
Joseph H. Klaber, Conshohocken, Pa., and Johan Bjorksten, Chicago, Ill., assignors to Quaker Chemical Products Corp., Conshohocken, Pa.
No Drawing. Application March 7, 1945, Serial No. 581,562
9 Claims. (Cl. 106—186)

1. A plastic cellulosic composition in solid form comprising a solid cellulosic derivative selected from the group consisting of cellulose esters and cellulose ethers and between about 1% and about 12% of a substance selected from the group consisting of thiourea and alkyl substituted thioureas soluble in said cellulosic derivative and containing at least 20% nitrogen, dissolved in solid solution in and distributed uniformly through said solid cellulosic derivative to impart fire-resistance thereto.

2,440,203
CATHODE STRUCTURE
Polykarp Kusch, New York, N. Y., assignor to the United States of America as represented by the Secretary of War
Application July 9, 1945, Serial No. 604,072
5 Claims. (Cl. 250—27.5)



5. A cathode structure comprising a hollow, metallic cylinder, an integral flange at each end of said cylinder, dovetailed grooves around the outer surface of said cylinder and additional grooves crossing said dovetailed grooves, a metallic member brazed to each flange, said metallic member having a metallic arm radially extending away from said flange through a glass seal, and radiating surfaces at the outer end of each member for cooling said cylinder during the operation of said cathode.

2,440,204
PROCESS OF DECOLORIZING GUM ROSIN
William Burns Logan, Lake Charles, La.
No Drawing. Application June 24, 1943, Serial No. 492,131
1 Claim. (Cl. 260—108)

A process which comprises wetting the residual aluminum silicate still contained in a mineral hydrous magnesium silicate from which a substantial part of the originally contained aluminum silicate has been removed, by contacting same with a volatile alcohol containing a small percentage of water, while said mineral is in a granular to lumpy condition, separating the residual alcohol from said mineral and contacting said mineral with petroleum naphtha at a temperature above the normal boiling point of said alcohol but below 100° C., to leave all of the aluminum silicate content thereof wetted with water, in which condition it is substantially free from isomerizing action on the resin acids of gum rosin, contacting a solution of gum rosin containing color bodies, in an inert solvent, with a substantially stationary mass of said so treated mineral in a granular state, whereby the color bodies present in said solution are, to a large extent, adsorbed in said mineral, drawing off the gum rosin solution from said mineral containing adsorbed color bodies, and separating the solvent and the gum rosin from each other at a temperature too low to substantially injure the rosin, said granular adsorbent being of such particle size as to be retained on an 80 mesh screen.

2,440,205
TOY BLOCK
William R. McLain, Henderson, Ky., assignor to Kusan Incorporated, Henderson, Ky.
Application May 21, 1946, Serial No. 671,316
1 Claim. (Cl. 35—71)



An educational device comprising a hollow transparent block in the form of a cube having one end open, a plate for closing an dsealing the open end, a replica of an object secured to the inner face of the plate, and the name of the object being applied to an outer face of the block with the initial of the name being prominently displayed.

2,440,206
STABILIZED SILVER HALIDE EMULSIONS
Fritz W. H. Mueller, Binghamton, N. Y., assignor to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application September 16, 1944, Serial No. 554,539
6 Claims. (Cl. 95—7)

1. A photographic material comprising a silver halide gelatin emulsion, a member of the group consisting of a sulfinic acid, a seleninic acid and their salts and a member of the group consisting of polythionic acids and their salts of the formula

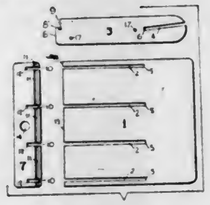
$$MOSO_2—S_n—SO_2OM$$

wherein M is a member of the group consisting of alkali metals and hydrogen and n is a positive integer, and thioanhydrides of the formula

$$RSO_2—S_n—SO_2R$$

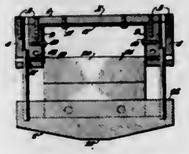
wherein R is an organic radical and n is a positive integer, in concentrations of from 0.025 to 0.500% by mol of the member of the last named group to the member of the first named group.

2,440,207
HOLDER FOR KNIVES, FORKS, SPOONS, AND THE LIKE
Thomas B. Owens, Cleveland, Ohio
Application November 1, 1945, Serial No. 626,083
6 Claims. (Cl. 206—72)



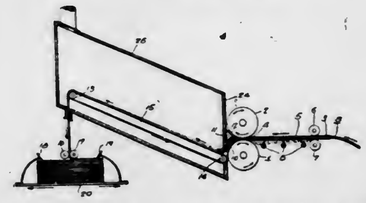
1. A holder for knives, forks, spoons, and the like comprising a built-up structure having a platform formed with spaced slots intersecting an end thereof, a transverse series of spaced longitudinal members forming partitions and side walls and each having a slot intersecting an end thereof and registering with a platform slot so that the platform and the members are interlocked to form a plurality of chambers with the ends of the members opposite their slotted ends extending outwardly of the slotted end of the platform, the extending member portions being notched, and a transverse end board having a transverse series of spaced slots accommodating the extended member ends and a series of transversely aligned grooves accommodating the slotted end of the platform, the wall portions of the end board slots being interlocked with the notches of the extended member portions.

2,440,208
HAND TOOL FOR CUTTING OUT HINGE RECESSES
Charles L. Parcell, Mariemont, Ohio
Application January 17, 1945, Serial No. 573,191
2 Claims. (Cl. 144—27)



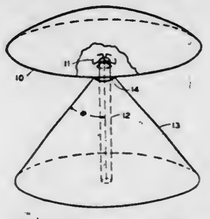
1. A hinge setting device comprising a head, a wood severing knife of U-shaped configuration extending beyond a surface of said head, that portion of the knife at the bight of the U being disposed to separate grain of the wood longitudinally and extending beyond said surface a distance greater than the portions of the knife at the adjacent sides of the U, a second head having guide means engaging the first head for relative movement of the two along a plane substantially parallel to the plane of the extremities of said U-shaped knife means, and a second knife carried by said second head for cutting to a predetermined depth the wood within the area incised by said first knife means.

2,440,209
METHOD AND APPARATUS FOR FINISHING AND SHRINKING TEXTILE FABRICS
Frank R. Redman, Yardley, Pa.
Application January 8, 1945, Serial No. 571,841
6 Claims. (Cl. 26—18.5)



4. A method of finishing and shrinking textile fabric, which comprises moistening the fabric, passing the moist fabric between power-driven calendering rolls, depositing the fabric on a movable surface directly from said rolls substantially free from tensional stress, moving said surface at a speed less than the peripheral speed of said rolls, whereby the fabric is completely relaxed on said surface after its passage through said rolls, and applying heat to the fabric to dry it while it is in a relaxed condition on said surface.

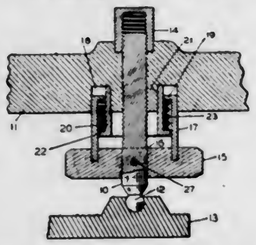
2,440,210
ANTENNA
Henry J. Riblet, Belmont, Mass., assignor, by mesne assignments, to the United States of America as represented by the Secretary of War
Application March 26, 1946, Serial No. 657,154
1 Claim. (Cl. 250—33.65)



An antenna for use in high frequency communication systems comprising a paraboloidal reflector, a radiating element located at the approximate focal point of said reflector and adapted to illuminate said reflector when properly energized, said radiating element comprising three coplanar, circumferentially arranged dipoles to provide a circularly polarized radiation pattern, an enclosed transmission line for feeding energy to said radiating element, said transmission line being disposed forwardly of said reflector with its axis perpendicular to the aper-

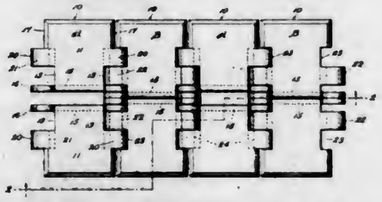
ture plane of said reflector, said radiating element being mounted at the end of said transmission line, a cone shaped member disposed about said transmission line with its axis collinear with the axis of said transmission line and its apex close to said radiating element and located at a greater distance from the vertex of said reflector than said radiating element, said cone shaped member flaring away from said reflector at an angle of 45° and having a base not greater than the diameter of said paraboloidal reflector, said cone shaped element being effective to modify the radiation pattern produced by said radiating element and said reflector so that a radiation pattern is produced that is omnidirectional in azimuth and narrow in elevation.

2,440,211
LEVELING DEVICE
Charles O. Rothweiler, Milwaukee, Wis.
Application April 19, 1946, Serial No. 663,416
2 Claims. (Cl. 248—180)



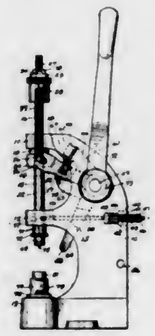
1. A leveling device of the character described in combination with a base and a device to be leveled, said device comprising an adjustment screw threadedly engaging the device to be leveled, a projecting member extending outward from said screw, said screw pivotally engaging said base, a downwardly disposed cylindrical sleeve having an inwardly projecting flange, said sleeve attached to the lower face of the device to be leveled, an upwardly extending cylindrical sleeve having an outwardly projecting flange, said sleeve attached to the outwardly extending element on said screw, said sleeves surrounding the exposed portion of said adjustment screw and telescopically engaging one another and a spring member disposed between said sleeves and contacting the flanges thereof.

2,440,212
FLAT TOP CONVEYER CHAIN
Oliver G. Schmidt, West Allis, Wis., assignor to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin
Application February 4, 1946, Serial No. 645,312
2 Claims. (Cl. 198—189)



1. A link for a flat-top conveyer chain, comprising a pair of like metallic plate elements reversely positioned side by side, each of said elements having a planar body portion providing a flat article supporting surface, the opposite transverse edges of said body portions being provided with integral tangential curled knuckles disposed to interfit with companion knuckles on adjacent links and constituting bearings for a chain pin, said body portions also having integral angularly disposed reach bars positioned along their inner longitudinal edges for interconnecting adjacent chain pins to relieve excessive strains on the knuckles.

2,440,213
STAKING MACHINE
George B. Spring, Essex, Conn.; Mary B. Spring executrix of said George B. Spring, deceased
Application March 2, 1946, Serial No. 651,517
14 Claims. (Cl. 218—1)

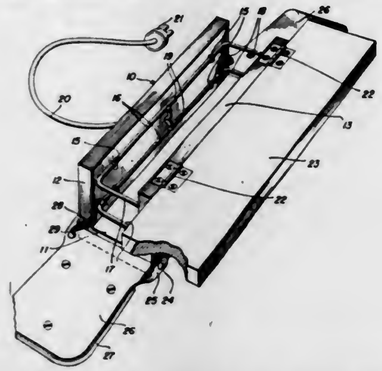


1. In a staking machine, a frame, a work-supporting anvil carried thereby, a work-holding member reciprocably mounted in said frame, a reciprocal work-staking member, retaining means engageable with said work-staking member to releaseably retain it in a relatively extended position with respect to said work-holding member, actuating means adapted to impart projecting movement to said work-holding member to engage it with a work piece on said anvil, and means associated with said actuating means adapted at a predetermined point in the movement of said actuating means to operate said retaining means to release said work staking member.

2,440,214
VERMIN DESTROYER
George A. Wilson, Bogue Chitto, Miss.
Application January 5, 1946, Serial No. 639,327
1 Claim. (Cl. 43—98)

In a vermin destroyer, a trough-shaped bait container open at opposite ends, a pair of spaced, parallel electrodes extending between the side walls of the bait container near but spaced inwardly from opposite ends thereof, said electrodes being so spaced from one another as to inhibit access of vermin to bait contained in the bait container, a conducting platform pivoted to the bait container at each end thereof, means establishing electrical connection between each platform and an electrode, a cover hinged to the upper edge of one of the side walls of the bait container and adapted to close the open, upper side thereof, said cover having its opposite end

portions constituting guards overhanging the platforms when the cover is above the container,

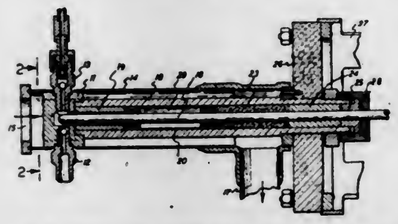


and means to establish electrical communication between the electrodes and a power source.

2,440,215
TREATMENT OF IRON SULFATE LIQUORS
Louis N. Allen, Jr., Short Hills, N. J., and Walter K. Zahray, Bronx, N. Y., assignors to Chemical Construction Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application March 21, 1946, Serial No. 656,174
4 Claims. (Cl. 23—126)

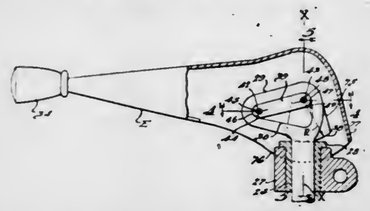
1. A method of treating a ferrous sulfate liquor containing free sulfuric acid which comprises adjusting the acidity of said liquor to a pH within the range of from 2 to about 4.3 and reducing any ferric iron that may be present to the ferrous condition by adding to the liquor a metal above hydrogen in the electromotive force series of elements, heating the liquor to a temperature of at least 100° C., subjecting the liquor to a settling process at said elevated temperature and thereby separating therefrom a ferrous sulfate sludge.

2,440,216
RECIPROCATING PUMP FOR LIQUEFIED GASES
Carl R. Anderson, Chattanooga, Tenn., assignor to Air Products, Incorporated, Chattanooga, Tenn., a corporation of Michigan
Application June 4, 1945, Serial No. 597,486
7 Claims. (Cl. 103—1)



1. In a pump for liquefied gases: a plunger of uniform diameter reciprocating in a working barrel; a cylinder surrounding and spaced from said plunger; packing between said plunger and said cylinder, and a spacing element separating said packing from the end of said working barrel, said element comprising a pair of guide bushings arranged to maintain said plunger concentric with said cylinder and means for maintaining said bushings in spaced relation, at least one of said bushings being perforated at a point spaced from said plunger to allow the pumped liquid to flow from said working barrel into the space between said bushings.

2,440,217
TRANSMISSION CONTROL MECHANISM
Jay C. Auten, Royal Oak, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Original application April 4, 1945, Serial No. 586,498. Divided and this application February 21, 1946, Serial No. 649,196
4 Claims. (Cl. 74—484)



1. In a steering column mounted control mechanism for selectively operating speed ratio controls of a motor vehicle transmission, a main rotatable and reciprocatory control rod having its axis extending generally longitudinally of the steering column and adapted for operative connection with the transmission, said rod having its upper end provided with a lever portion rigidly connected to said rod and offset laterally therefrom, a shift lever having an outer end portion adapted to be grasped by the vehicle driver and a hollow inner end portion within which said offset lever portion is disposed thereby housing said lever portion within said hollow end portion and providing an operative connection between said shift lever and said offset lever portion such that rotary shifting movements of said shift lever about said rod axis cause said rod to rotate about said axis with said shift lever, said hollow end portion of the shift lever having an opening through which said rod extends, means for mounting said rod on said steering column comprising a member fixed relative to the steering column and having an annular fulcrum surface surrounding said rod adjacent said lever opening, means connecting the upper end of said rod with said shift lever for transmitting vertical swinging movements of said shift lever to said rod so as to move said rod in the direction of its axis and for guiding said shift lever for rotational shift about said rod axis during said rotary shifting movements of said shift lever, a pair of spacers respectively rigidly attached to the inner side walls of said shift lever for receiving the offset lever portion of said rod therebetween and each spacer being provided with a lever-fulcruming rocker engaging said annular surface, said rockers extending generally longitudinally of said shift lever along and adjacent opposite sides of said rod and each rocker having at least a portion thereof arced about an axis extending in a direction transverse to said rod axis, said mounting and connecting means cooperating with said rockers such that when said shift lever is rotatably shifted about said rod axis the said rockers rotatably wipe said annular friction surface and

such that when said shift lever is swung vertically upwardly said rockers slidably wipe said annular friction surface and fulcrum said shift lever for effecting lift of said rod.

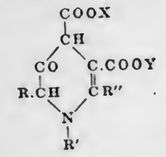
2,440,218

MANUFACTURE OF KETOTETRAHYDROPYRIDINE DERIVATIVES AND HYDROXYPYRIDINE DERIVATIVES

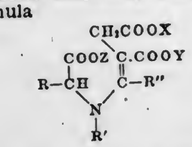
Franz Bergel and Aaron Cohen, Welwyn Garden City, England, assignors, by mesne assignments, to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey

No Drawing. Application April 8, 1943, Serial No. 482,324. In Great Britain March 9, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires March 9, 1962
16 Claims. (Cl. 260—295.5)

1. A process for the manufacture of ketotetrahydropyridine derivatives of the general formula



which comprises subjecting compounds of the general formula



to the action of a substance selected from the group consisting of alkali metals and alkali metal alcoholates, and treating the product thus formed with an acid to liberate a ketotetrahydropyridine derivative of the aforesaid general formula, in both formulae R being alkyl R' being a member selected from the group consisting of alkyl and aralkyl radicals, R'' being hydrogen and X, Y and Z being lower alkyl radicals, not necessarily identical.

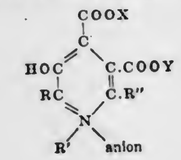
2,440,219

MANUFACTURE OF KETOTETRAHYDROPYRIDINE DERIVATIVES AND HYDROXYPYRIDINE DERIVATIVES

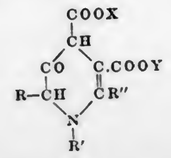
Franz Bergel and Aaron Cohen, Welwyn Garden City, England, assignors, by mesne assignments, to Hoffmann-La Roche Inc., Roche Park, Nutley, N. J., a corporation of New Jersey

No Drawing. Original application April 8, 1943, Serial No. 482,324. Divided and this application August 23, 1944, Serial No. 550,856. In Great Britain March 9, 1942
4 Claims. (Cl. 260—295.5)

1. A process for the manufacture of quaternary pyridinium salts of the general formula



which comprises converting into a salt a compound of the general formula



in which R is alkyl, R' is a member selected from the group consisting of alkyl and aralkyl radicals, R'' is hydrogen, and X and Y are lower alkyl radicals, not necessarily identical, and dehydrogenating the salt by treatment with a member selected from the group consisting of oxygen and oxygen-containing gases.

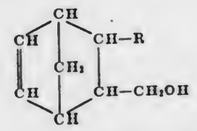
2,440,220

CYCLIC ETHER

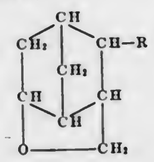
Herman A. Bruson, Rydal, and Thomas W. Riener, Philadelphia, Pa., assignors to The Resinous Products & Chemical Company, a corporation of Delaware

No Drawing. Application November 6, 1945, Serial No. 627,088
5 Claims. (Cl. 260—333)

1. As new compositions of matter, the internal ethers formed by the rearrangement resulting by heating alcohols of the formula:



wherein R is selected from a member of the group consisting of hydrogen, methyl and phenyl groups, in the presence of an acidic condensing agent as catalyst, said internal ethers having the probable structure



2,440,221

PREPARATION OF XANTHOPTERIN

George H. Hitchings, Tuckahoe, N. Y., assignor to Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y., a corporation of New York

No Drawing. Application May 9, 1945, Serial No. 592,911
6 Claims. (Cl. 260—250)

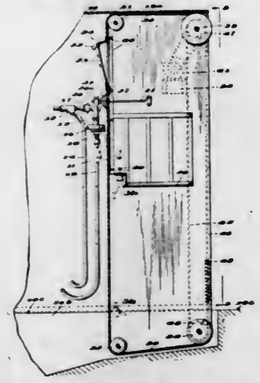
1. A process for preparing xanthopterin from 5-dichloroacetamino-2,4-diamino - 6-hydroxypyrimidine comprising the steps of dissolving 5-dichloroacetamino-2,4-diamino - 6-hydroxypyrimidine in an aqueous alkali, adding to the solution a large excess of a lower alcohol to effect the removal of 2 mols of hydrochloric acid from the pyrimidine derivative, and recovering xanthopterin from the reaction mixture.

2,440,222

BLASTING ROOM

Walter L. Keefer, Hagerstown, Md., assignor to Pangborn Corporation, Hagerstown, Md., a corporation of Maryland

Application March 2, 1946, Serial No. 651,641
19 Claims. (Cl. 51—8)



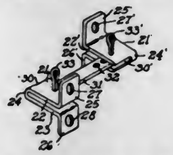
3. In a blast-room, an enclosure, said enclosure having a vertically slidable wall section, a bracket secured to the room side of said wall section, an operator's platform secured to the outer side of said wall section, a blast-gun carried by said bracket, and means controllable by an operator on said platform for raising and lowering said wall section, blast-gun, and platform as a unit.

2,440,223

STORM SASH AND CASEMENT WINDOW CONNECTOR

Joseph Martin, Dayton, Ohio

Application February 12, 1945, Serial No. 577,360
4 Claims. (Cl. 16—1)



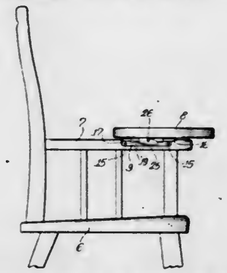
1. A connector for joining a storm sash to a casement sash, said connector comprising a pair of attaching members adapted for attachment to the inner side of a swinging storm sash and to the outer side of a swinging casement sash respectively, each of said members comprising a substantially U-shaped element providing spaced legs presenting substantially parallel plane surfaces facing one another and a base portion joining said legs, a link, each end of said link having substantially parallel plane surfaces on opposite sides of the link, and each end of said link extending between the legs of a respective attaching member with each of said end surfaces of said link in bearing relation with the plane surface of one of the legs of a respective attaching member, and detachable pivot means pivotally connecting respective ends of said link to the respective attaching members, each of said elements having the base portion thereof joining the legs slotted transversely to accommodate the link for pivotal movement thereof into said slotted portion between said legs, the slotted portions of said U-shaped elements being located at opposite sides of their respective attaching members, the attaching members being arranged with respect to the link so that when pivotally disposed with their base portions facing toward one another the unslotted base portion of one attaching member is disposed on one side of said link and the unslotted base portion of the other attaching member is disposed on the other side of said link.

2,440,224

HIGH CHAIR TRAY SLIDE

Edwin W. North and Roy A. Stone, Rockford, Ill., assignors to National Lock Company, Rockford, Ill., a corporation of Delaware

Application March 26, 1945, Serial No. 584,796
6 Claims. (Cl. 155—127)



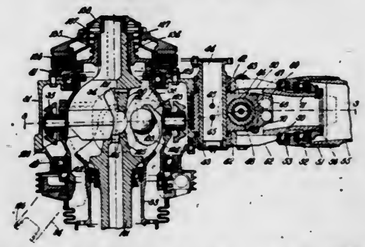
1. Equipment for high chairs, including a pair of track members and a pair of slide members, each track member being shaped to provide an attaching flange and an outwardly projecting body beveled at one end, provided with an abutment at the other end and provided intermediate its ends with latch receiving openings, each slide member being of channel-shape with its upper wall adapted for attachment to the bottom of a tray, a latch member of angle shape pivoted on the vertical wall of each slide and provided with a portion underlying said body having an upwardly projecting detent adapted to extend through an opening in the slide and to engage in the track openings, and a spring interposed between such latch member and the lower wall of the slide whereby said latch is biased into track engaging position.

2,440,225

HELICOPTER ROTOR MOUNTING AND DRIVE

Cyril George Pullin, Wimbledon, London, England

Application May 20, 1944, Serial No. 536,547
In Great Britain May 18, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires May 18, 1963
20 Claims. (Cl. 244—17)



12. An aircraft sustaining rotor comprising blade means adapted to be rotated about an ap-

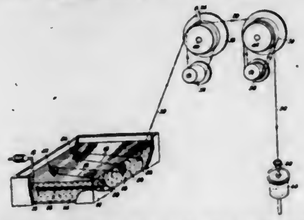
proximately upright axis, a rotatable member carrying said blade means, a mounting provided for tilting of said member and adapted to take rotor lift thrust, and power transmitting means adapted to drive said blade means including a homokinetic joint disposed concentrically within said mounting.

2,440,226

METHOD AND APPARATUS FOR PRODUCING AND STRETCHING ARTIFICIAL YARN

Howard W. Swank, Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application May 31, 1946, Serial No. 673,446
21 Claims. (Cl. 18—8)



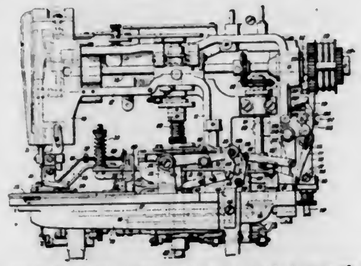
16. In combination a feed wheel over and about which yarn is passed and a freely rotatable snubber roller to displace the yarn passing about said feed wheel, said snubber roller having a plurality of inclined flanges and a body portion in advance of each flange, the front edge of the body portion last engaged by the yarn being free, said snubber roller being mounted askew to said feed wheel whereby in the successive passages of the yarn from said feed wheel to said snubber roller it will pass successively onto the respective flanges and roll therefrom to the body portion forwardly thereof to impart a twist in said yarn.

2,440,227

SEWING MACHINE SAFETY DEVICE

Alfred R. Wood, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey

Application August 21, 1945, Serial No. 611,721
12 Claims. (Cl. 112—219)



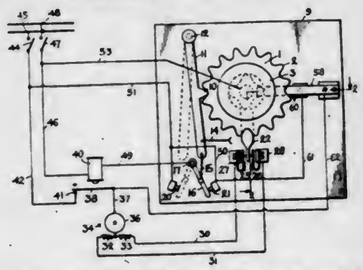
1. In a sewing machine adapted to perform a sequence of operations and come to rest in a predetermined position, in combination, driving mechanism for said machine including a start- and stop-motion mechanism, manually controlled means for initiating operation of the machine, a work-clamp, means for raising and lowering said work-clamp, and means under control of said start- and stop-motion mechanism for preventing said work-clamp from being raised while the machine is in operation and for preventing the initiation of the beginning of the sequence of operations when the work-clamp is raised, said last named means including a pivot-lever of the first order with its ends cooperating with the start- and stop-motion mechanism and the clamp lifting means, and a pivoted latch under control of the start- and stop-motion mechanism and shiftable into and out of the path of movement of said clamp lifting means.

2,440,228

ELECTRICAL PULSATING DRIVE

Michel N. Yardeny, New York, and Charles Prindle, Long Island City, N. Y.; said Prindle assignor to said Yardeny

Application October 15, 1945, Serial No. 622,462
8 Claims. (Cl. 318—257)



1. An electric control apparatus comprising contact means; a contact arm movably supported and adapted to engage the contact means; means to periodically and alternately move the contact arm into and out of engagement with the contact means; means to render the position of the contact arm unstable between alternate positions; circuit means including the contact means for supplying electric current to an electrical device during the period of unstable arm positions and interrupting the current during the period of stable arm positions; and means included in the circuit means to vary the period of current supply relative to the period of current interruption in response to a variation of the speed of the contact arm moving means.

2,440,229

PROCESS OF MAKING ALPHA-ACETO, ALPHA-CHLORO, GAMMA-BUTYROLACTONE

Robert Zumbrunn, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J., a corporation of New Jersey

No Drawing. Application August 31, 1946, Serial No. 694,415. In Switzerland November 1, 1945
3 Claims. (Cl. 260—344)

1. A process of producing α-aceto-α-chloro-γ-butyrolactone which comprises reacting α-aceto-γ-butyrolactone with chlorine gas in the presence of water and an alkaline earth metal carbonate to bind the acid formed by the chlorination.

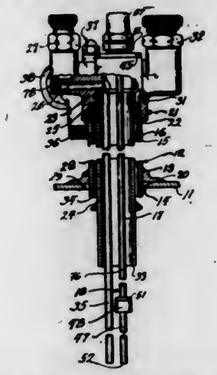
2,440,230

FILL INDICATOR

William C. Buttner, Winnetka, Ill., assignor to The Bastian Blessing Co., Chicago, Ill., a corporation of Illinois

Application July 22, 1941, Serial No. 403,512
18 Claims. (Cl. 62—1)

18. In a gage for liquefied petroleum gas tanks, a housing adapted to carry a slidable tube, a slidable tube disposed in said housing, packing removably received in said housing and forming a seal between the wall of said tube and said housing, a stop ring disposed about said tube at a point spaced from its lower end, a valve seat element and a valve disc element, one of said



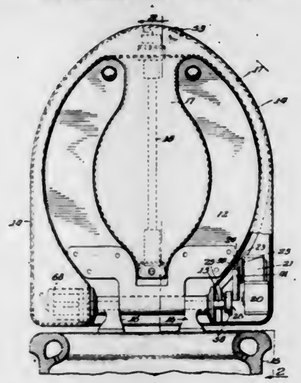
elements being disposed on the inner end of said housing and the other on the side of said stop ring facing said housing, said elements coacting to form a seal when said tube is moved upwardly the limit of travel, preventing leakage in the event said packing is removed.

2,440,231

STERILIZED TOILET SEAT

Lloyd H. Davidson, Connersville, Ind., assignor, by mesne assignments, to Avco Manufacturing Corporation, a corporation of Delaware

Application October 5, 1944, Serial No. 557,283
11 Claims. (Cl. 4—233)



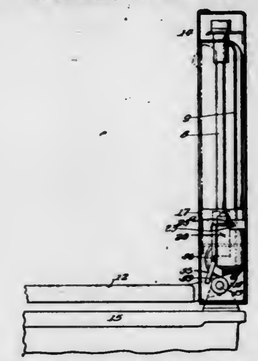
3. The combination with a toilet comprising a bowl, a seat-receiving sterilizing cabinet and a seat movable from a raised sterilizing position in the cabinet and to a lowered position over the bowl, of an electric motor, mechanism operable by the motor for successively lowering to a predetermined position above the bowl and raising the seat, means permitting the seat to be additionally lowered by occupancy, means for controlling the operation of the motor for lowering the seat, and automatic means, comprising a thermostatic switch for starting the motor to raise the seat after lapse of an interval after it has been lowered to said predetermined position, and mechanical means for controlling the switch while the seat is raised and in its unoccupied position.

2,440,232

STERILIZED TOILET SEAT

Lloyd H. Davidson, Connersville, Ind., assignor, by mesne assignments, to Avco Manufacturing Corporation, a corporation of Delaware

Application November 11, 1944, Serial No. 562,937
10 Claims. (Cl. 4—233)



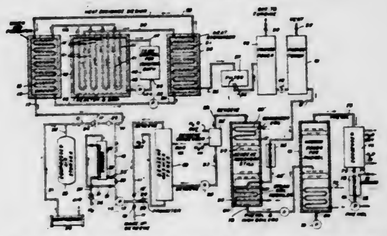
7. The combination with a toilet comprising: a bowl, a seat sterilizing cabinet and a seat manually movable from a sterilizing position in the cabinet to a lowered usable position over the bowl, of a hydraulic device for shifting the seat including, a cylinder and a piston slidable therein, a positive operating connection between the piston and the seat for shifting the piston in the cylinder by manual lowering of the seat and for raising the seat by hydraulic operation of the piston, a self-closing valve for discharging water from the cylinder when the piston is shifted by the seat, and valve-means controlled by the absence or removal of the weight of a user from the seat in its usable position for automatically and successively controlling the flow of water under pressure at different rates of flow to the cylinder for raising the seat successively at different rates of speed to its sterilizing position.

2,440,233

OXIDATION OF BENZENE TO PHENOL WITH AN ORGANIC PROMOTER

Robert H. Krieble, Schenectady, N. Y., and William I. Denton, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York

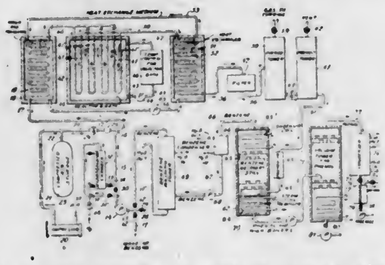
Application November 30, 1944, Serial No. 565,928
7 Claims. (Cl. 260—621)



4. In the method of making phenol wherein a reaction mixture of benzene vapor and oxygen-

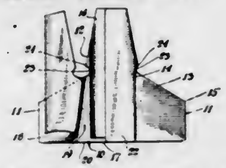
containing gas is passed under a pressure in excess of about 500 pounds per square inch through a reaction zone at a temperature between about 650° F. and about 1000° F., said reaction zone having a metallic surface and being void of solid catalyst, the step of incorporating in the reaction mixture a minor proportion, from about 0.2 per cent to about 3.0 per cent by volume based upon the quantity of benzene in the reaction mixture, of an organic compound selected from the group consisting of those consisting of carbon and hydrogen and those consisting of carbon, hydrogen, and oxygen, which compound is in the gaseous phase under the conditions of the reaction zone and which, under said conditions, is a better hydrogen donor than benzene and which has a "potential hydrogen donor ability" value greater than about 2.5.

2,440,234
PROCESS FOR OXIDATION OF BENZENE TO PHENOL PROMOTED BY ADDED ETHERS
Robert H. Krieble, Schenectady, N. Y., and William I. Denton, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
Application June 5, 1945, Serial No. 597,658
8 Claims. (Cl. 260—621)



4. In the method of making phenol wherein a reaction mixture of benzene vapor and oxygen-containing gas is passed under pressure through a reaction zone void of solid catalyst and maintained at an elevated temperature; the step of incorporating in said reaction mixture an ether selected from the group consisting of diethyl ether, beta, beta'-dichloro diethyl ether, and dioxane, in an amount falling within the range of from about 0.2 per cent to about 3.0 per cent by volume based on the quantity of benzene in said reaction mixture.

2,440,235
FINGER BANDAGE
Morris Solomon, Kew Gardens, N. Y.
Application June 7, 1944, Serial No. 539,099
1 Claim. (Cl. 128—157)

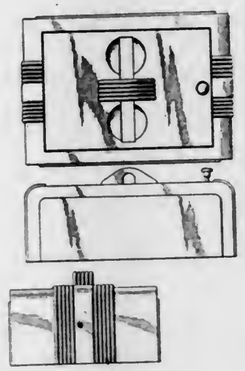


A bandage adapted to be utilized to protect the end of a digit, comprising, a body portion, a tapered central tab portion extending outwardly from the body portion, side portions extending outwardly from the body portion, the edges of said tab and side portions forming inwardly extending notches in the bandage at opposite sides of said tapered central tab portion adjacent the location where the edges of said tab and side portions normally merge with each other, an adhesive at one surface of said body and tab and side portions, a first gauze layer normally overlying a portion of said adhesive in the area of the body and tab portions and terminating at a location spaced from one edge of said body portion to thereby provide adjacent said edge a narrow adhesive area free of said first gauze layer, and additional gauze layers overlying said adhesive in the areas of said side portions and in said narrow area with inner adjacent edges thereof overlapping each other and overlying said first mentioned gauze layer.

DESIGNS

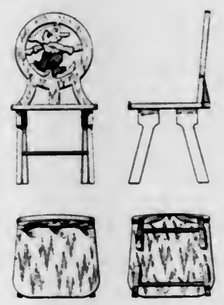
APRIL 20, 1948

149,328
DESIGN FOR A CIGARETTE DISPENSER
William Abrams, Chicago, Ill.
Application November 1, 1946, Serial No. 134,424
Term of patent 3½ years
(Cl. D85—2)



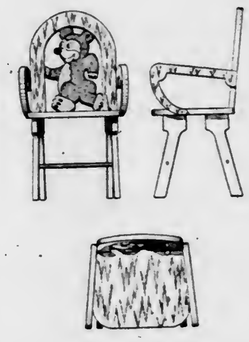
The ornamental design for a cigarette dispenser, as shown.

149,329
DESIGN FOR A CHAIR
Carlyle Norman Alexander, New Rochelle, N. Y.
Application January 21, 1947, Serial No. 136,280
Term of patent 14 years
(Cl. D15—1)



The ornamental design for a chair, as shown.

149,330
DESIGN FOR A CHAIR
Carlyle Norman Alexander, New Rochelle, N. Y.
Application January 21, 1947, Serial No. 136,281
Term of patent 14 years
(Cl. D15—1)



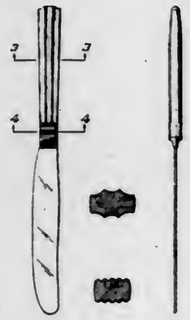
The ornamental design for a chair, as shown.

149,331
DESIGN FOR A CHAIR
Carlyle Norman Alexander, New Rochelle, N. Y.
Application January 21, 1947, Serial No. 136,282
Term of patent 14 years
(Cl. D15—1)



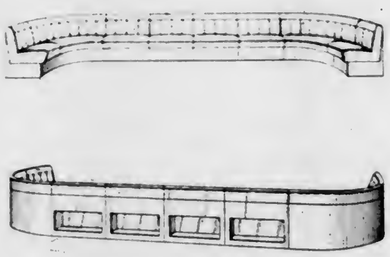
The ornamental design for a chair, as shown.

149,332
DESIGN FOR A KNIFE
Grosvenor N. Allen and William Gerth, Oneida, N. Y., assignors to Oneida Ltd., Oneida, N. Y., a corporation of New York
Application September 26, 1946, Serial No. 133,582
Term of patent 14 years
(Cl. D22—3)



The ornamental design for a knife, substantially as shown and described.

149,333
DESIGN FOR A SETTEE
Robert I. Anderson, Grand Haven, and Bert Hoeker, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill., a corporation of Delaware
Application March 13, 1946, Serial No. 127,454
Term of patent 14 years
(Cl. D15—11)



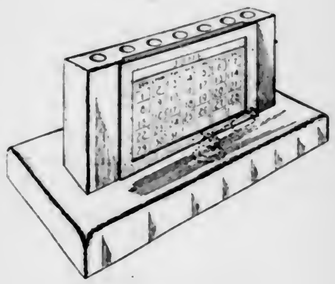
The ornamental design for a settee, as shown.

149,334
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Nicholas Barbieri, Providence, R. I., assignor to Uncas Manufacturing Company, a corporation of Rhode Island
Application August 27, 1946, Serial No. 132,886
Term of patent 14 years
(Cl. D45—19)



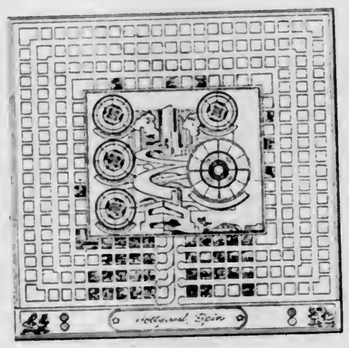
The ornamental design for a brooch or similar article, substantially as shown and described.

149,335
DESIGN FOR A COMBINATION DESK UNIT
Charles H. Beatty, Philadelphia, Pa.
Application July 24, 1946, Serial No. 131,871
Term of patent 7 years
(Cl. D74—1)



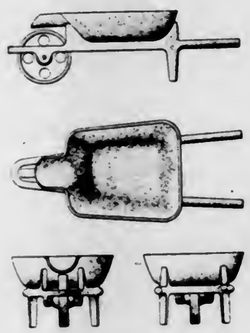
The ornamental design for a combination desk unit substantially as shown and described.

149,336
DESIGN FOR A GAME BOARD
Sam Binder, Los Angeles, Calif., assignor to World Games, Inc., Los Angeles County, Calif., a corporation of California
Application August 19, 1946, Serial No. 132,633
Term of patent 3½ years
(Cl. D34—5)



The ornamental design for a game board, as shown, and described.

149,337
DESIGN FOR AN ASH TRAY
Nicholas F. Caputo, Kearny, N. J.
Application January 15, 1946, Serial No. 125,557
Term of patent 3½ years
(Cl. D85—2)



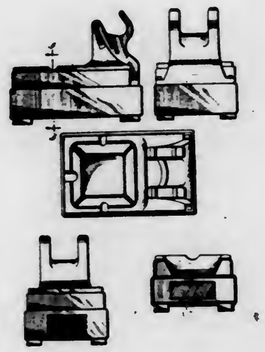
The ornamental design for an ash tray, as shown.

149,338
DESIGN FOR A CANDY SUCKER
Gustave W. Carlson, Superior, Wis.
Application August 5, 1946, Serial No. 132,290
Term of patent 14 years
(Cl. D82—2)



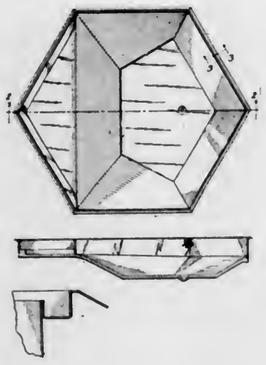
The ornamental design for a candy sucker, as shown and described.

149,339
DESIGN FOR A COMBINED TELEPHONE SUPPORT, ASH TRAY, AND AMPLIFYING LOUD SPEAKER
John Douglas Chirite, Detroit, Mich.
Application March 17, 1947, Serial No. 137,682
Term of patent 14 years
(Cl. D26—14)



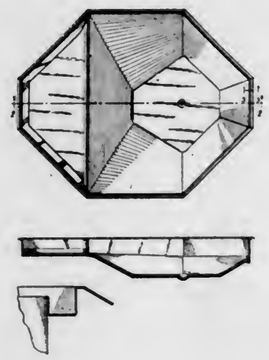
The ornamental design for a combined telephone support, ash tray and amplifying loud speaker, as shown.

149,340
DESIGN FOR A SWIMMING POOL
Erling A. Clemetsen, Long Grove, Ill.
Application March 11, 1946, Serial No. 127,348
Term of patent 14 years
(Cl. D4—4)



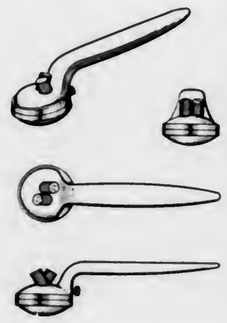
The ornamental design for a swimming pool, as shown.

149,341
DESIGN FOR A SWIMMING POOL
Erling A. Clemetsen, Long Grove, Ill.
Application March 11, 1946, Serial No. 127,350
Term of patent 14 years
(Cl. D4—4)



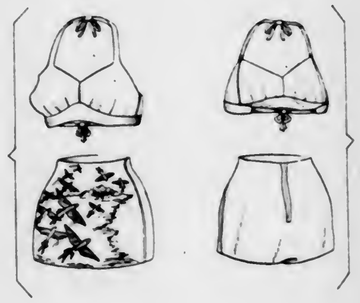
The ornamental design for a swimming pool, as shown.

149,342
DESIGN FOR A KNIFE SHARPENER
John E. Davis, Sherman Oaks, Calif., assignor to Na Mac Products Corp., Los Angeles, Calif., a corporation of California
Application August 13, 1946, Serial No. 132,480
Term of patent 7 years
(Cl. D37—1)



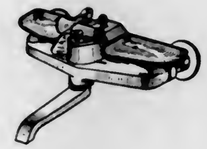
The ornamental design for a knife sharpener, as shown.

149,343
DESIGN FOR A BATHING SUIT
Mary Ann De Weese, Glendale, Calif.
Application September 13, 1946, Serial No. 133,293
Term of patent 14 years
(Cl. D3—17)



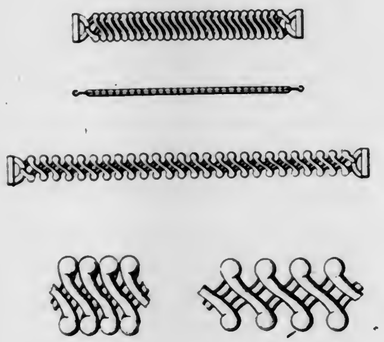
The ornamental design for a bathing suit, as shown.

148,344
DESIGN FOR A WATER FAUCET
Emil H. Fitter, Woodside, N. Y., assignor to Fitter Valve Division of the Tumpane Company, Long Island City, N. Y., a partnership composed of John J. Tumpane, Smithtown Branch, James P. Tumpane, Jr., East Elmhurst, Long Island, and Emil H. Fitter, Woodside, Long Island, N. Y.
Application May 3, 1946, Serial No. 129,252
Term of patent 14 years
(Cl. D91—3)



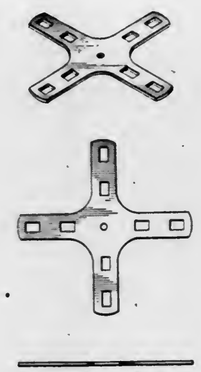
The ornamental design for a water faucet, as shown.

149,345
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
George E. Fournier, Pawtucket, R. I.
Application March 13, 1947, Serial No. 137,583
Term of patent 14 years
(Cl. D45—4)



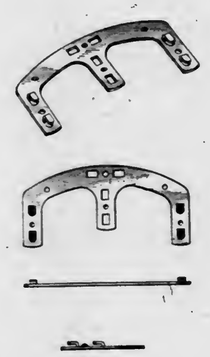
The ornamental design for a bracelet or similar article, as shown.

149,346
DESIGN FOR A TOY CONSTRUCTION PIECE
Charles A. Geib, Chicago, Ill.
Application December 18, 1946, Serial No. 135,582
Term of patent 14 years
(Cl. D34—15)



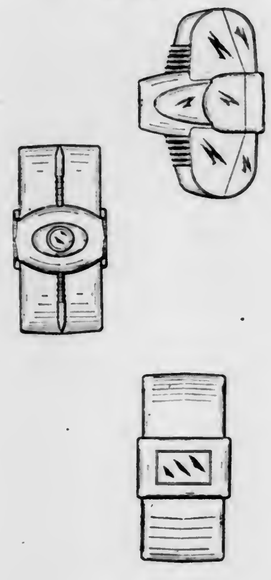
The ornamental design for a toy construction piece, substantially as shown.

149,347
DESIGN FOR A TOY CONSTRUCTION PIECE
Charles A. Geib, Chicago, Ill.
Application December 18, 1946, Serial No. 135,583
Term of patent 14 years
(Cl. D34—15)



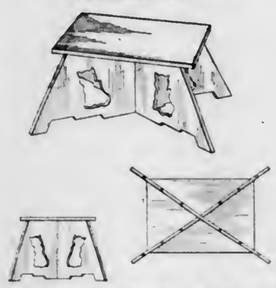
The ornamental design for a toy construction piece, substantially as shown.

149,348
DESIGN FOR A FILM VIEWER
Felix Gilbert, New York, N. Y., assignor to Eugene Manufacturing Corp., New York, N. Y., a corporation of New York
Application March 11, 1947, Serial No. 137,523
Term of patent 14 years
(Cl. D61—1)



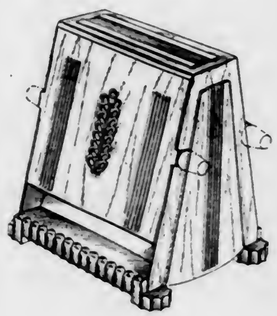
The ornamental design for a film viewer, substahtially as shown and described.

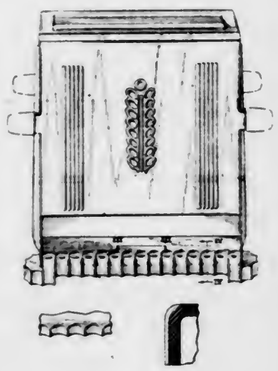
149,349
DESIGN FOR A STOOL
William L. Greyson, Flushing, N. Y.
Application September 7, 1946, Serial No. 133,178
Term of patent 14 years
(Cl. D15—8)



The ornamental design for a stool, substantially as shown.

149,350
DESIGN FOR A TOASTER
Lurelle Guild, Noroton, Conn., assignor to Westinghouse Electric Corporation, a corporation of Pennsylvania
Application January 23, 1947, Serial No. 136,315
Term of patent 14 years
(Cl. D81—10)





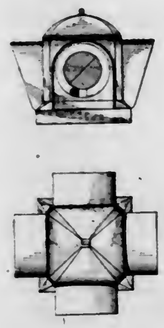
The ornamental design for a toaster, substantially as shown and described.

149,351
DESIGN FOR A PLACE MAT OR SIMILAR ARTICLE
Kenneth C. Hamilton, Milwaukee, Wis., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis., a corporation of Wisconsin
Application March 20, 1947, Serial No. 137,772
Term of patent 14 years
(Cl. D59—2)



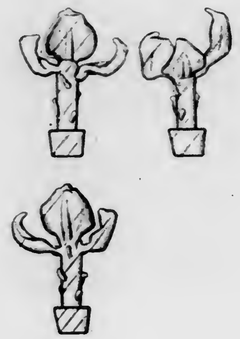
The ornamental design for a place mat or similar article, substantially as shown and described.

149,352
DESIGN FOR A TRAFFIC SIGNAL
John J. Hammer, Detroit, Mich.
Application April 12, 1946, Serial No. 128,552
Term of patent 3½ years
(Cl. D72—1)



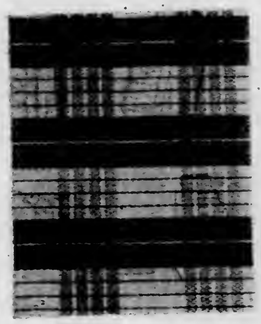
The ornamental design for a traffic signal, substantially as shown and described.

149,353
DESIGN FOR A PERFUME BOTTLE STOPPER OR SIMILAR ARTICLE
John Herbst, New York, N. Y.
Application June 8, 1946, Serial No. 130,524
Term of patent 3½ years
(Cl. D58—10)



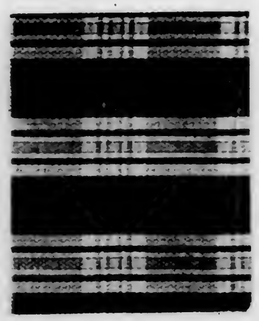
The ornamental design for a perfume bottle stopper or similar article, substantially as shown.

149,354
DESIGN FOR A PLASTIC FABRIC
Fritz Hollstein, West New York, N. J.
Application November 7, 1947, Serial No. 142,388
Term of patent 3½ years
(Cl. D92—1)



The ornamental design for a plastic fabric, substantially as shown.

149,355
DESIGN FOR A PLASTIC FABRIC
Fritz Hollstein, West New York, N. J.
Application November 7, 1947, Serial No. 142,389
Term of patent 3½ years
(Cl. D92—1)



The ornamental design for a plastic fabric, substantially as shown.

149,356
DESIGN FOR A COMBINED PENCIL SHARPENER AND ERASER
William R. Jalof, Los Angeles, Calif.
Application March 8, 1947, Serial No. 137,462
Term of patent 14 years
(Cl. D74—1)



The ornamental design for a combined pencil sharpener and eraser, substantially as shown.

149,357
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application February 11, 1947, Serial No. 136,836
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown.

149,358
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 12, 1947, Serial No. 137,537
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

149,359
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 12, 1947, Serial No. 137,538
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

149,360
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 12, 1947, Serial No. 137,539
Term of patent 7 years
(Cl. D45—19)



The ornamental design for a brooch or similar article, substantially as shown.

149,361
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 13, 1947, Serial No. 137,570
Term of patent 7 years
(Cl. D45—16)



The ornamental design for a necklace or similar article, substantially as shown.

149,362
DESIGN FOR A NECKLACE OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 13, 1947, Serial No. 137,573
Term of patent 7 years
(Cl. D45—16)



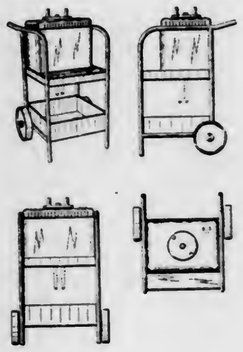
The ornamental design for a necklace or similar article, substantially as shown.

149,363
DESIGN FOR A SEPARABLE BROOCH OR SIMILAR ARTICLE
Adolph Katz, Providence, R. I., assignor to Coro, Inc., New York, N. Y., a corporation of New York
Application March 13, 1947, Serial No. 137,577
Term of patent 7 years
(Cl. D45—19)



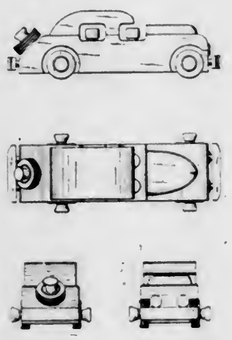
The ornamental design for a separable brooch or similar article, substantially as shown.

149,364
DESIGN FOR A WELDING TRANSFORMER
John A. Kern, Chicago, Ill., assignor to Atomiko, Inc., Chicago, Ill., a corporation of Illinois
Application January 10, 1947, Serial No. 136,055
Term of patent 7 years
(Cl. D26—5)



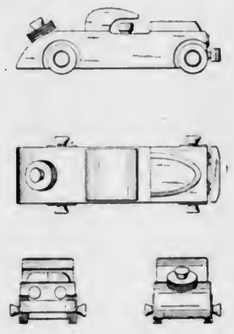
The ornamental design for a welding transformer, as shown and described.

149,365
DESIGN FOR A TOY AUTOMOBILE SEDAN
Olaf F. Larsen, Jr., Demarest, N. J., assignor to Noma Electric Corporation, New York, N. Y., a corporation of New York
Application March 14, 1946, Serial No. 127,517
Term of patent 3½ years
(Cl. D34—15)



The ornamental design for a toy automobile sedan, as shown.

149,366
DESIGN FOR A TOY ROADSTER
Olaf F. Larsen, Jr., Demarest, N. J., assignor to Noma Electric Corporation, New York, N. Y., a corporation of New York
Application April 3, 1946, Serial No. 128,229
Term of patent 3½ years
(Cl. D34—15)



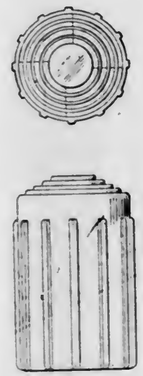
The ornamental design for a toy roadster, as shown.

149,367
DESIGN FOR AN EARRING
Gordon Leary, Trenton, N. J.
Application May 31, 1946, Serial No. 130,245
Term of patent 7 years
(Cl. D45—9)



The ornamental design for an earring, substantially as shown.

149,368
DESIGN FOR A VACUUM CLEANER ATTACHMENT
Joshua G. Lippincott, Scarsdale, N. Y., assignor to Lewyt Corporation, Brooklyn, N. Y., a corporation of New York
Application December 28, 1946, Serial No. 135,818
Term of patent 14 years
(Cl. D9—2)



The ornamental design for a vacuum cleaner attachment, as shown.

149,369
DESIGN FOR A BLOUSE
Vanny McKelvey, Greenwich, Conn., assignor to The Mayehoff Company, South Norwalk, Conn., a corporation of Connecticut
Application June 10, 1947, Serial No. 139,561
Term of patent 14 years
(Cl. D3—25)



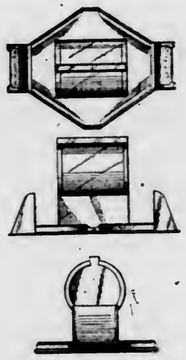
The ornamental design for a blouse, substantially as shown.

149,370
DESIGN FOR A TOY BANK OR SIMILAR ARTICLE
Joseph P. Mickus, Newark, N. J.
Application January 13, 1947, Serial No. 136,118
Term of patent 14 years
(Cl. D34—11)



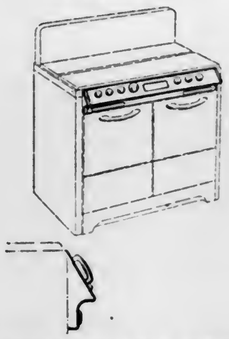
The ornamental design for a toy bank or similar article, as shown.

149,371
DESIGN FOR A CIGARETTE DISPENSER
David Nusbaum, Newark, N. J.
Application August 17, 1946, Serial No. 132,602
Term of patent 14 years
(Cl. D85—2)



The ornamental design for a cigarette dispenser, as shown.

149,372
DESIGN FOR A COOKING STOVE
Daniel P. O'Keefe, Los Angeles, Calif.
Application April 19, 1946, Serial No. 128,769
Term of patent 14 years
(Cl. D81—25)



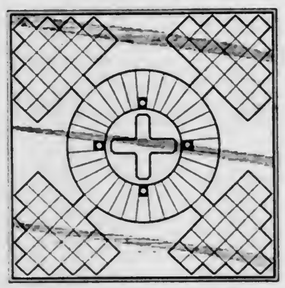
The ornamental design for a cooking stove, as shown and described.

149,373
DESIGN FOR A LACE MEDALLION
Reinhard A. Paessler, West New York, N. J.
Application July 18, 1947, Serial No. 140,362
Term of patent 7 years
(Cl. D3—9)



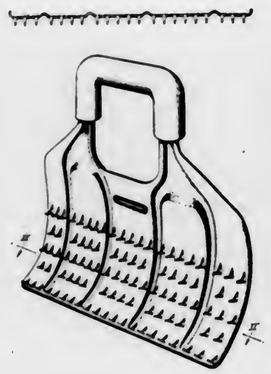
The ornamental design for a lace medallion, as shown and described.

149,374
DESIGN FOR A GAME BOARD
David Perlman, Detroit, Mich.
Application July 27, 1946, Serial No. 132,036
Term of patent 7 years
(Cl. D34—5)



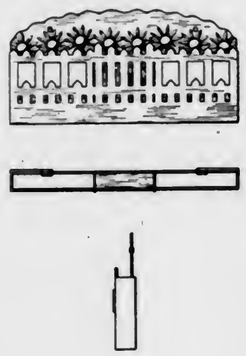
The ornamental design for a game board, substantially as shown.

149,375
DESIGN FOR A BAG-GRASPING DEVICE
Alvan M. Palmer, Los Angeles, and Frederick W. Rodgers, Pacoima, Calif.
Application April 26, 1946, Serial No. 128,965
Term of patent 14 years
(Cl. D54—13)



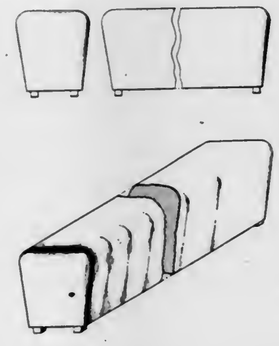
The ornamental design for a bag-grasping device, substantially as shown.

149,376
DESIGN FOR A MERCHANDISE DISPLAY DEVICE OR SIMILAR ARTICLE
Edwin P. Price, Jr., Wilmette, Ill.
Application April 26, 1946, Serial No. 128,982
Term of patent 7 years
(Cl. D80—9)



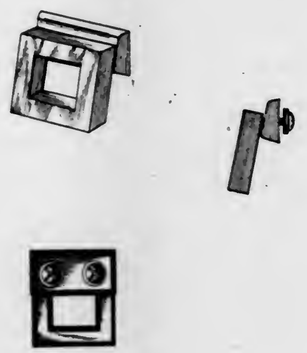
The ornamental design for a merchandise display device or similar article, substantially as shown.

149,377
DESIGN FOR A TABLE
Herbert Rosengren, Woodcliff Lake, N. J., assignor to Johnson & Johnson, a corporation of New Jersey
Application September 13, 1946, Serial No. 133,274
Term of patent 14 years
(Cl. D33—14)



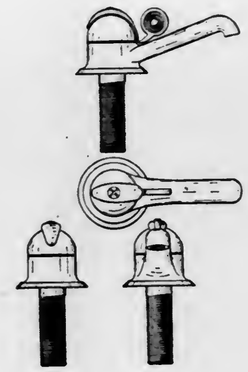
The ornamental design for a table as shown.

149,378
DESIGN FOR A DRAWER HANDLE
Alvin S. Rummelsburg, East Rockaway, N. Y.
Application September 29, 1947, Serial No. 141,651
Term of patent 7 years
(Cl. D10—8)



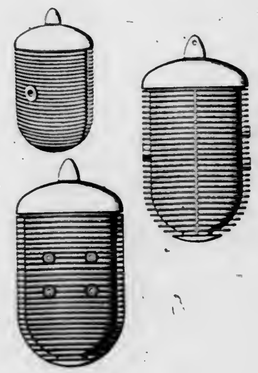
The ornamental design for a drawer handle, substantially as shown.

149,379
DESIGN FOR A FAUCET
Louis S. Sayre, Los Angeles, Calif.
Application February 10, 1947, Serial No. 136,817
Term of patent 14 years
(Cl. D91—3)



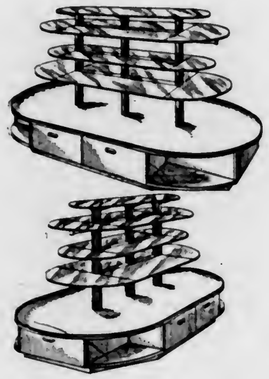
The ornamental design for a faucet, substantially as shown.

149,380
DESIGN FOR A COMBINATION OIL FILTER AND COOLER
Herman W. Schaefer, Culver City, Calif., assignor to W. Henderson Jones, Culver City, Calif.
Application June 29, 1946, Serial No. 131,178
Term of patent 7 years
(Cl. D46—1)



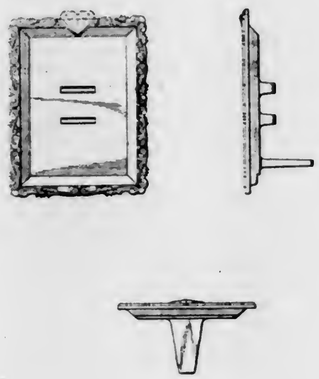
The ornamental design for a combination oil filter and cooler, substantially as shown.

149,381
DESIGN FOR A DISPLAY FIXTURE
Howard M. Schick, Lee's Summit, Mo.
Application April 7, 1947, Serial No. 138,200
Term of patent 14 years
(Cl. D80—9)



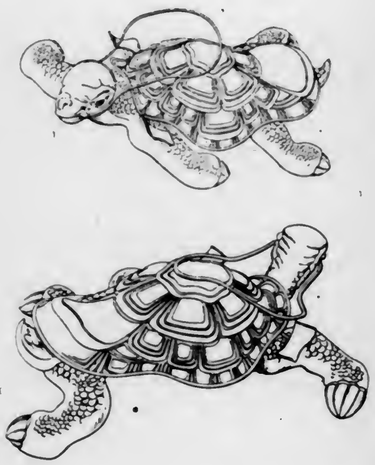
The ornamental design for a display fixture, substantially as shown.

149,382
DESIGN FOR A DISPLAY FRAME AND STAND OR SIMILAR ARTICLE
Maurice J. Schless, New York, N. Y.
Application June 6, 1947, Serial No. 139,498
Term of patent 14 years
(Cl. D80—9)



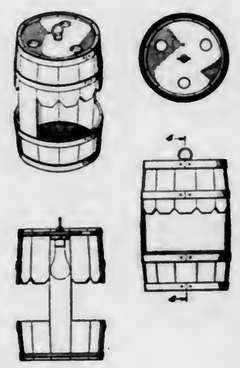
The ornamental design for a display frame and stand or similar article, as shown.

149,383
DESIGN FOR A WHEELED TOY TORTOISE
Harry Sebel, London, England
Application May 16, 1946, Serial No. 129,759
Term of patent 14 years
(Cl. D34—15)



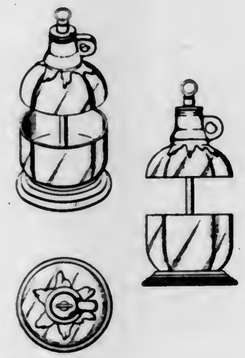
The ornamental design for a wheeled toy tortoise, as shown.

149,384
DESIGN FOR A LUMINOUS PLANT CONTAINER OR THE LIKE
Victor Sherry and Harry A. Plocky, Los Angeles, and Gustave F. Plocky, South Pasadena, Calif.
Application June 24, 1946, Serial No. 130,992
Term of patent 7 years
(Cl. D35—3)



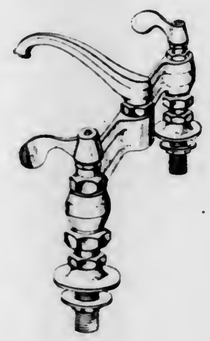
The ornamental design for a luminous plant container or the like, as shown.

149,385
DESIGN FOR A PLANT CONTAINER OR THE LIKE
Victor Sherry and Harry A. Plocky, Los Angeles, and Gustave F. Plocky, South Pasadena, Calif.
Application June 24, 1946, Serial No. 130,994
Term of patent 7 years
(Cl. D35—3)



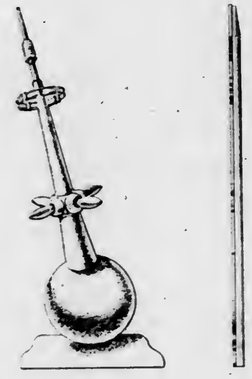
The ornamental design for a plant container or the like, as shown.

149,386
DESIGN FOR AN ARCH-STREAM OFFSET COMBINATION FAUCET STRUCTURE
Albert G. Smolensky, Cleveland, Ohio
Application October 5, 1946, Serial No. 133,788
Term of patent 14 years
(Cl. D91—3)



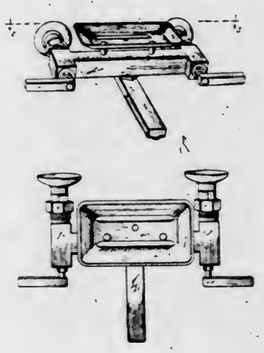
The ornamental design for an arch-stream offset combination faucet structure, as shown.

149,387
DESIGN FOR AN ADVERTISING DEVICE
William L. Stensgaard, Park Ridge, Ill., assignor to Radio Corporation of America, a corporation of Delaware
Application April 26, 1946, Serial No. 128,973
Term of patent 14 years
(Cl. D1—2)

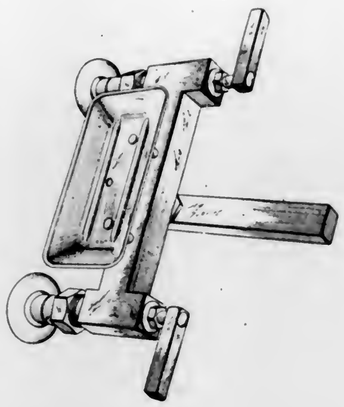


The ornamental design for an advertising device, substantially as shown.

149,388
DESIGN FOR A FAUCET OR SIMILAR ARTICLE
Irwin W. Stratmore, Passaic, N. J., assignor to Ball Washing Machine Corp., Passaic, N. J., a corporation of New Jersey
Application November 14, 1946, Serial No. 134,769
Term of patent 3½ years
(Cl. D91—3)

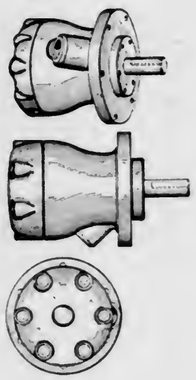


149,388—Continued



The ornamental design for a faucet or similar article, as shown.

149,389
DESIGN FOR A PUMP
Ernest J. Svenson, Rockford, Ill., assignor to Odin Corporation, Chicago, Ill., a corporation of Illinois
Application February 28, 1946, Serial No. 126,981
Term of patent 14 years
(Cl. D65—1)



The ornamental design for a pump, substantially as shown.

149,390
DESIGN FOR A STUFFED TOY ANIMAL OR SIMILAR ARTICLE
Jacob Swedlin, New York, N. Y.
Application June 11, 1947, Serial No. 139,585
Term of patent 7 years
(Cl. D34—2)



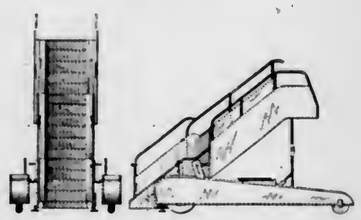
The ornamental design for a stuffed toy animal or similar article, substantially as shown.

149,391
DESIGN FOR A LAMP SHADE
Geneva U. Van Brunt, North Wilbraham, Mass.
Application February 5, 1947, Serial No. 136,692
Term of patent 7 years
(Cl. D48—16)

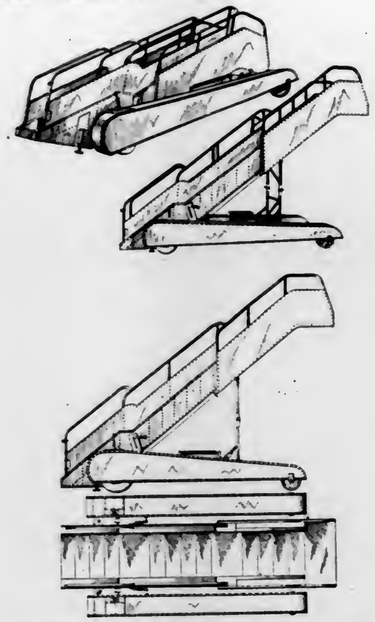


The ornamental design for a lamp shade, as shown.

149,392
DESIGN FOR AN ADJUSTABLE PASSENGER LOADING RAMP
Albert L. Varrieur, Baltimore, Md., assignor to The Glenn L. Martin Company, Baltimore, Md.
Application January 16, 1947, Serial No. 136,193
Term of patent 14 years
(Cl. D14—3)

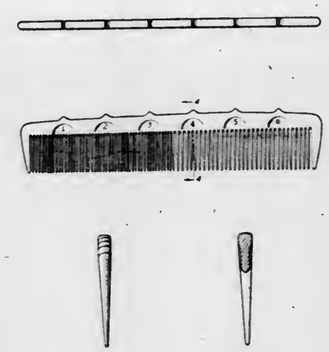


149,392—Continued



The ornamental design for an adjustable passenger loading ramp, substantially as shown.

149,393
DESIGN FOR A MEASURING COMB
Richard Wheeler and Robert F. Cozad, Des Moines, Iowa
Application September 7, 1946, Serial No. 133,144
Term of patent 3½ years
(Cl. D86—8)



The ornamental design for a measuring comb, substantially as shown and described.

Official Gazette

UNITED STATES PATENT OFFICE

Department of Commerce

W. AVERELL HARRIMAN, *Secretary*

U. S. Patent Office

LAWRENCE C. KINGSLAND, *Commissioner*

PUBLISHED WEEKLY BY AUTHORITY OF CONGRESS

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April 27, 1948

Trade-Marks	63	No. 438,495	to No. 438,557,	inclusive
T. M. (Act of 1946)	27	No. 500,123	to No. 500,149,	inclusive
T. M. Renewals	67			
Reissues	2	No. 22,995	to No. 22,996,	inclusive
Patents	435	No. 2,440,236	to No. 2,440,670,	inclusive
Designs	70	No. 149,394	to No. 149,463,	inclusive
Total	664			

Patents expiring: Patent Numbers 1,802,333 to 1,803,309, inclusive, issued April 28, 1931, expire April 28, 1948

Condition of Applications Under Examination at Close of Business Apr. 9, 1948

(Total number of applications awaiting action, excluding Trade-Mark Division, 154,374; Trade-Mark Division, 35,601. Oldest new case, Apr. 19, 1946; oldest amended, Apr. 1, 1946.)

DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS

	Oldest new application awaiting Office action	Oldest amended application awaiting Office action	Applications awaiting action
	New	Amended	
1. GOLDBERG, A. J., Food Apparatus; Closure Operators; Fences; Gates; Planters; Plows; Harrows and Diggers; Plant Husbandry; Scattering Unloaders; Baths, Closets, Sinks, and Spittoons; Sewerage.	July 27	July 16	3,630
2. HERRMANN, D., Fishing, Trapping and Vermin Destroying; Bee Culture; Dairy; Animal Husbandry; Presses; Tobacco; Textile Wringers; Butchering.	May 14	May 3	4,182
3. MARMELSTEIN, N., Metal Founding and Treatment; Metallurgy (Process and Apparatus)	†July 2	†Feb. 7	1,545
4. BISHOP, WALTER C., Conveyors; Hoists; Handling Apparatus; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Pneumatic Dispatch; Store Service; Mining, Quarrying, and Ice Harvesting.	Sept. 25	Aug. 6	3,684
5. ROBINSON, C. W., Harvesters; Acoustics; Sound Recording; Knotters	Apr. 29	May 1	1,776
6. SURLE, H., Carbon Chemistry (part)	†June 5	†May 7	1,800
7. HANLIN, GEORGE, Optics; Photographic Apparatus	†June 2	†Mar. 19	1,810
8. IMUS, A. E., Furniture; Racks and Cabinets	June 28	May 13	4,177
9. BENSON, R. B., Pumps and Fans; Fluid and Fluid-Current Motors	Oct. 24	Apr. 30	2,350
10. ANDRUS, L. M., Radiant Energy (part, e. g., Portable Radio Sets, Radio Accessories, Detectors, Oscillation Generators, Wave Meters, Tuners); Music; Modulators; Piezo-electric Crystals.	†May 7	†Mar. 20	1,456
11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus.	†June 19	†Aug. 2	834
12. SPINTMAN, S., Machine Elements (part); Engine Starters; Motor Control with Clutch or Brake; Transmission with Clutch or Brake.	†May 15	July 11	2,049
13. BEALL, T. E., Gear Cutting, Milling, Planing, Metal Working (part); Needle and Pin Making; Turning	June 20	May 21	2,494
14. FREEHOF, H. B., Metal Working (Bending; Sheet-Metal; Wire; Misc. Processes); Wire Fabrics; Farriery	†Apr. 21	†Mar. 1	1,254
15. HENKIN, B., Plastics; Plastic Block and Earthenware Apparatus; Glass	Dec. 6	June 22	1,973
16. LOVEWELL, N. N., Television; Telephony	†July 1	Oct. 31	1,851
17. HABECKER, LEON B., Paper Manufactures; Typewriters; Printing; Type Casting and Setting; Sheet Material Associating or Folding; Sheet or Web Feeding.	Oct. 23	July 24	1,931
18. KURZ, J. A., Motors, Expansible-Chamber Type; Power Plants; Speed Responsive Devices; Rotary Internal-Combustion Engines.	Oct. 18	June 3	1,779
19. PATRICK, P. L., Liquid and Gaseous Fuel Burners; Stoves and Furnaces	Aug. 16	Aug. 27	1,846
20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Undertaking; Bread, Pastry, and Confection Making; Bank Protection; Safes; Tents, Canopies, Umbrellas and Canes.	Sept. 3	Aug. 12	2,060
21. MADER, R. C., Textiles	†Apr. 23	†Apr. 2	1,220
22. CARPENTER, B. H., Aeronautics; Firearms; Ordnance	Oct. 23	July 25	1,877
23. LEWIS, J. B., Cash Registers; Calculators and Counters; Education	July 3	June 21	1,382
24. LUSBY, CHARLES, Apparel; Apparel Apparatus; Package and Article Carriers; Sewing Machines	†Mar. 20	†Feb. 5	2,377
25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Distillation.	†Mar. 5	July 24	1,795
26. YOUNG, R. R., Electricity—Generation and Motive Power	†July 10	Aug. 16	1,428
27. JAMES, S., Brushing, Scrubbing; Fluid Treatment of Textiles (Apparatus); Liquid Treatment of Solids; General Cleaning; Ironing; Brush; Broom and Mop Making.	†Feb. 18	Sept. 18	3,109
28. SOLYOM, H. L., Heating; Metallurgical Apparatus; Internal-Combustion Engines (part); Cylinders; Pistons	†Mar. 17	Oct. 8	1,217
29. SHKLARIN, J. B., Baggage; Cloth, Leather, and Rubber Receptacles; Button Making; Woodworking; Tools	Nov. 13	July 8	3,017
30. BISHOFF, A., Automatic Temperature and Humidity Regulation; Illumination; Thermostats and Humidostats; Heating Systems; Ammunition and Explosive Devices.	†July 7	Aug. 26	2,408
31. DUNCOMBE, C. S., Mineral Oils; Carbocyclic or Acyclic Carbon Compounds (part)—e. g., Ketones, Aldehydes, Ethers, Hydroxy Compounds, Hydrocarbons, Halogenated Hydrocarbons.	†June 27	†July 1	2,149
32. LESH, KARL R., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation; Agitating; Wells; Earth Boring.	Nov. 1	May 16	2,952
33. KAUFFMAN, H. E., Bridges; Hydraulic and Earth Engineering; Building Structures; Roads and Pavements	June 21	June 14	3,501
34. SAPERSTEIN, S., Electricity—Transmission to Vehicles; Railways; Track Sanders; Signals and Indicators	Aug. 17	June 10	1,403
35. BROMLEY, E. D., Card and Sign Exhibiting; Dispensing; Filling and Closing Portable Receptacles; Ammunition and Explosive Charge Making.	Dec. 5	Sept. 4	2,973
36. McFADYEN, A. D., Automatic Weighers; Measuring and Testing; Force Measuring	May 14	Apr. 19	2,030
37. WEAVER, M. E., Electricity, Circuit Makers and Breakers	†Apr. 28	Nov. 23	1,544
38. ARNOLD, D., Coating Processes and Apparatus; Coating or Plastic Compositions (part); Rubber	Dec. 19	Dec. 10	1,761
39. WHITNEY, F. I., Fluid-Pressure Regulators; Valves; Water Distribution	May 11	May 10	2,845
40. DRUMMOND, E. J., Receptacles (part); Packages	†Apr. 11	Sept. 3	3,015
41. HERTZ, M., Recorders; Check-controlled Apparatus; Coin Handling; Article Dispensing Cabinets; Deposit Receptacles; Buckles, Buttons, Clasps.	May 28	June 3	2,770
42. MARANS, H., Telegraphy (part); Electric Signaling; Electricity, Voltage Magnitude and Phase Control Systems; Variable Transformer and Reactor Structure.	†July 29	†July 2	911
43. STONE, I. G., Medicines, Poisons and Cosmetics; Explosive Compositions; Sugar and Starch; Bleaching and Dyeing; Fluid Treatment of Textiles; Hides, Skins and Leathers.	†June 7	Dec. 5	1,426
44. HARVEY, L. P., Refrigeration; Preserving	Apr. 19	Apr. 23	1,304
45. MANTER, W. B., Shafting and Flexible Shaft Couplings; Wheels, Tires, Axles and Wheel Substitutes; Lubrication; Bearings and Guides; Belt and Sprocket Gearing; Spring Devices; Land Vehicles (part); Spring, Weight and Horsepower Motors.	June 6	June 10	2,853
46. MUSHAKE, W. I., Concentrating Evaporators; Fluid Sprinkling, Spraying and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers; Kitchen and Table Articles.	Sept. 10	June 4	1,970

NOTE.—The dates given are 1946 except where † indicates 1947.

(Total number of applications awaiting action, excluding Trade-Mark Division, 154,374; Trade-Mark Division, 35,601. Oldest new case, Apr. 19, 1946; oldest amended, Apr. 1, 1946.) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting Office action		Applications awaiting action
	New	Amended	
47. KANOF, WM. J., Motor Vehicles; Land Vehicles (part); Fluid Pressure Brakes	†May 23	Dec. 3	2,068
48. BERNSTEIN, S., Electricity, General Applications; Electric Igniters	Nov. 1	Oct. 5	1,575
49. SHEFFIELD, E. L., Drying and Gas or Vapor Contact with Solids; Ventilation; Liquid Separation or Purification.	May 27	Aug. 16	1,625
50. LEVIN, SAMUEL, Synthetic Resins	†July 8	Nov. 15	2,347
51. FRIEDMAN, M. H., Radiant Energy (part, e. g., Radio Transmission and Reception, Transmitters, Receivers, Antennae); Radiant Energy Communications.	†July 9	Oct. 4	1,837
52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Pipes and Tubular Conduits.	†Apr. 10	Aug. 17	3,891
53. BRINDISI, M. V., Label Pasting and Paper Hanging; Book Making; Manifolding; Printed Matter, Stationery; Paper Files and Binders; Cutlery; Closures, Partitions and Panels, Flexible and Portable.	Sept. 6	Apr. 19	3,789
54. STRACHAN, O. W., Electric Lamp and Discharge Devices, Systems, Structure, Manufacture and Repair; Light Sensitive Circuits; Ray Energy Applications.	†May 16	†Jan. 16	1,856
55. BOWEN, S. T., Artificial Body Members; Dentistry; Surgery; Toilet	†Jan. 23	Apr. 5	1,870
56. COCKERILL, S., Electrical and Wave Energy Chemistry; Paper Making; Acetylene; Gas Mixing	†June 16	†May 12	1,177
57. NICOLSON, G. D., Toys; Amusement and Exercising Devices; Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks.	July 25	May 27	3,673
58. DOWELL, E. F., Abrading; Bottles and Jars; Stone Working; Making Metal Tools and Implements	†Feb. 8	Nov. 12	1,307
59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Heterocyclic Compounds (part)	Aug. 20	June 20	2,125
60. GLASS, R. L., Electricity—Heating; Welding; Furnaces; Battery Charging and Discharging; Consumable Electrode Lamp and Discharge Devices; Resistances and Rheostats; Prime Mover Dynamo Plants.	†July 10	Nov. 27	1,399
61. LANNAN, J., Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery; Boats, Buoys, Ships and Marine Propulsion.	Sept. 27	May 27	3,323
62. PUGH, E. C., Games; Tables; Mechanical Guns and Projectors	Oct. 12	June 15	1,590
63. WINKELSTEIN, A. H., Fermentation; Foods and Beverages; Heterocyclic Compounds (part); Oils and Fats.	†May 17	†Mar. 4	1,486
64. NASH, P. M., Compositions—Coating or Plastic (part); Fuel and Miscellaneous	†Aug. 12	†Aug. 15	1,801
65. McDERMOTT, F. P., Batteries; Electrical Conductors, Conduits, Insulators and Connectors	†July 29	†Mar. 4	1,033
66. LISANN, I., Geometrical Instruments	June 6	Apr. 1	2,213
67. KRAFFT, C. F., Laminated Fabrics; Photographic Processes and Products; Ornamentation	Oct. 19	Aug. 20	2,036
68. BERMAN, H., Brakes, Boring and Drilling; Clutches and Power Stop Control	†May 19	Nov. 26	1,579
69. GALVIN, D. J., Electricity—Wave Transmission, Repeaters and Relays (e. g., Amplifiers), Galvanometers and Meters.	†July 8	Sept. 25	917
TRADE-MARKS: MERCHANT, J. H.	†July 9	†Sept. 8	35,601
DESIGNS: BREHM, G. L.	Aug. 3	†Oct. 29	8,119

NOTE.—The dates given are 1946 except where † indicates 1947.

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

Ace Leather Goods Repair Service, Chicago, Ill. Repairing, relining and refinishing of leather goods. Serial No. 528,241, Apr. 27. Class 55.

Ackerlind Steel Co., Inc., New York, N. Y. High-carbon, high-chromium, oil-quenching tool steel. Serial No. 529,845, Apr. 27. Class 14.

Aladdin Hearing Aid Manufacturing Co.: *See*—
Johnston, William E.

Aladdin Industries, Incorporated, Alexandria, Ind., and Chicago, Ill. Vacuum bottles and heat-insulated receptacles. Serial No. 480,126, Apr. 27. Class 2.

Albarr Products Co., Cortland, N. Y. Game board. Serial No. 513,794, Apr. 27. Class 22.

Allied Mills, Inc., Chicago, Ill. Stock feeds. Serial No. 528,169, Apr. 27. Class 46.

Allied Mills, Inc., Chicago, Ill. Dairy feed. Serial No. 528,172, Apr. 27. Class 46.

Alsan Manufacturing Company: *See*—
Frackman, Hy.

American Artists' Color Works, Inc., Brooklyn, N. Y. Artists' brushes. Serial No. 529,221, Apr. 27. Class 29.

American Battery Mfg. Company, doing business as Arrow Battery Company. Electric storage batteries. Serial No. 532,089, Apr. 27. Class 21.

American Hard Rubber Company, Hempstead and New York, N. Y. Steering wheels, for automobiles. Serial No. 518,866, Apr. 27. Class 19.

Anchor Hocking Glass Corporation, Lancaster, Ohio. Sealing machines. Serial No. 528,605, Apr. 7. Class 23.

Arcos Corporation, Philadelphia, Pa. Rod holders. Serial No. 518,646, Apr. 27. Class 21.

Arcos Corporation, Philadelphia, Pa. Consumable metal cutting rods. Serial No. 518,647, Apr. 27. Class 14.

Argus, Incorporated, Ann Arbor, Mich. Photographic lenses and lens assemblies. Serial No. 529,339, Apr. 27. Class 26.

Aristocrat Leather Products, Inc., New York, N. Y. Wallets, bill folds, pocket books, etc. Serial No. 532,791. Apr. 27. Class 3.

Armstrong Cork Company, Manheim Township, Lancaster Co., Pa. Nursing bottles. Serial No. 529,955, Apr. 27. Class 44.

Arrow Battery Company: *See*—
American Battery Mfg. Company.

Auburn Rubber Corporation, Auburn, Ind. Shoe soles, half soles, heels and etc. Serial No. 485,984, Apr. 27. Class 39.

Auerbach Shoe Company, Boston, Mass. Misses', women's and children's shoes. Serial No. 501,812, Apr. 27. Class 39.

Babson Bros. Co., Chicago, Ill. Vacuum testing apparatus for determining floor conditions in a vacuum line. Serial No. 526,550, Apr. 27. Class 26.

Bank of America National Trust and Savings Association, San Francisco, Calif. Credit financing services. Serial No. 528,982, Apr. 27. Class 55.

Barker Greeting Card Company, Cincinnati, Ohio. Greeting cards. Serial No. 501,492, Apr. 27. Class 38.

Barok, George D., Columbus, Ohio. Printed index forms. Serial No. 512,568, Apr. 27. Class 37.

Batcheller, Campbell K., doing business as Robinwood, New York, N. Y. Wood plaques and figurines. Serial No. 523,051, Apr. 27. Class 50.

Baton Rouge Rice Mills, Inc., Baton Rouge, La. Rice. Serial No. 532,997, Apr. 27. Class 46.

Berman, Gustave S., New York, N. Y. Parasols and umbrellas. Serial No. 504,317, Apr. 27. Class 41.

Black Manufacturing Co., The, Baltimore, Md. Spray gun. Serial No. 526,564, Apr. 27. Class 23.

Blumenthal-Meyer Company, Los Angeles, Calif. Men's, women's and children's nightwear. Serial No. 524,052, Apr. 27. Class 39.

Brand and Millen, Limited, Long Branch, Ontario, Canada. Radio receiving sets, electronic record players and battery operated portable fluorescent lamps. Serial No. 520,857, Apr. 27. Class 21.

Brarten Pharmaceutical Company, Chattanooga, Tenn. Medicinal preparation. Serial No. 523,654, Apr. 27. Class 6.

Brown-Electro Company: *See*—
Brown, Ual J.

Brown, Ual J., doing business as Brown-Electro Company, Oklahoma City, Okla. Electrolytic apparatus. Serial No. 521,055, Apr. 27. Class 14.

Browne, Glenn R., Hoopeston, Ill. Horses and cattle. Serial No. 525,295, Apr. 27. Class 1.

Brushmakers, Inc., Minneapolis, Minn. Brushes. Serial No. 506,579, Apr. 27. Class 29.

Buchhagen, Walter H., doing business as Bucknell Company, Nutley, N. J. Collapsible go-carts and perambulators. Serial No. 519,000, Apr. 27. Class 19.

Buchsbaum, S., & Co., Chicago, Ill. Key cases. Serial No. 504,154, Apr. 27. Class 3.

Bucknell Company: *See*—
Buchhagen, Walter H.

Cannon Shoe Company, Baltimore, Md. Shoes. Serial No. 475,356, Apr. 27. Class 39.

Carr-Consolidated Biscuit Company, Wilkes-Barre, Pa. Malted cream cookies. Serial No. 520,859, Apr. 27. Class 46.

Central Petroleum Company, Cleveland, Ohio. Oil for the protection of animals from flies, mosquitoes, gnats, etc. Serial No. 537,983, Apr. 27. Class 6.

Central Ohio Supply Co., The, Columbus, Ohio. Water soluble powdered or granular detergent compound containing water softening properties. Serial No. 517,972, Apr. 27. Class 4.

Chicago Belting Company, Chicago, Ill. Leather belting. Serial No. 532,390, Apr. 27. Class 35.

Clarin Manufacturing Company, Chicago, Ill. Folding chairs. Serial No. 530,169, Apr. 27. Class 32.

Clark, J. R., Company, The, Spring Park, Minn. Clothes drying racks. Serial No. 530,379, Apr. 27. Class 24.

Cobbs Distilling Corporation, Philadelphia, Pa. Distilled potable alcoholic beverages. Serial No. 526,599, Apr. 27. Class 49.

Cochran, Jacqueline, doing business as Jacqueline Cochran and Jacqueline Cochran Cosmetics, assignor to Jacqueline Cochran, Inc., Newark, N. J. Cosmetics and beauty preparations. Serial No. 536,585, Apr. 27. Class 6.

Cochran, Jacqueline, doing business as Jacqueline Cochran and Jacqueline Cochran Cosmetics, assignor to Jacqueline Cochran, Inc., Newark, N. J. Cosmetic and beauty preparations. Serial No. 536,585, Apr. 27. Class 6.

Cochran, Jacqueline, Cosmetics: *See*—
Cochran, Jacqueline.

Cochran, Jacqueline, Inc., assignee: *See*—
Cochran, Jacqueline.

Coleman Company, Inc., The, Wichita, Kans. Self-heating gasoline sad-irons. Serial No. 533,145, Apr. 27. Class 24.

Continental Distilling Corporation, Philadelphia, Pa. Distilled potable alcoholic beverages. Serial No. 526,595, Apr. 27. Class 49.

Continental Distilling Corporation, Philadelphia, Pa. Distilled potable alcoholic beverages. Serial No. 526,638, Apr. 27. Class 49.

Cowles Detergent Company, The, Cleveland, Ohio. Cleansing preparation. Serial No. 531,892, Apr. 27. Class 4.

Crane Co., Chicago, Ill. Shallow well pumps, deep well pumps, and jet pumps. Serial No. 521,246, Apr. 27. Class 23.

Cunningham, A., Limited, Stewarton, Scotland. Women's knitted and woven frocks and suits, etc. Serial No. 508,415, Apr. 27. Class 39.

Cutter Laboratories, Berkeley, Calif. Biological immunizing agent for immunizing against diphtheria and whooping cough by inoculation. Serial No. 509,637, Apr. 27. Class 6.

Danelectro Corporation, The, Red Bank, N. J. Audio-frequency amplifying units. Serial No. 529,440, Apr. 27. Class 21.

Darworth Incorporated, Simsbury, Conn. Toxic vapor producing material. Serial No. 525,303, Apr. 27. Class 6.

Dennett, Ellis H., Sudbury, Mass. Cleaning fluid. Serial No. 510,575, Apr. 27. Class 4.

Diebold Incorporated, Canton, Ohio. Heat responsive vault door relocking devices. Serial No. 530,387, Apr. 27. Class 25.

District of Columbia Paper Mills, Inc., Washington, D. C. Blotting paper, box cover paper, cover papers, etc. Serial No. 513,034, Apr. 27. Class 37.

Ditto, Incorporated, Chicago, Ill. Carbon paper. Serial Nos. 531,997–532,000, Apr. 27. Class 11.

Ditto, Incorporated, Chicago, Ill. Carbon paper. Serial No. 532,002–3, Apr. 27. Class 11.

Dixon, Joseph, Crucible Company, Jersey City, N. J. Lead pencils, rubber erasers, pencil point protectors, etc. Serial No. 524,692, Apr. 27. Class 37.

Dow Chemical Company, The, Midland, Mich. Aromatic chemical. Serial No. 540,053–54, Apr. 27. Class 6.

Duro-Flex Co.: *See*—
Moe, Herman.

Eagle Lock Company, The, Terryville, Conn. Trunk locks, cabinet locks, and door locks. Serial No. 529,613, Apr. 27. Class 25.

Eaton's of California: *See*—
Jacobs, Philip.

Elliott Company, Jeannette, Pa. Electric motors and electric generators. Serial No. 528,201, Apr. 27. Class 21.

Esquire, Inc., Chicago, Ill. Calendars. Serial No. 499,832, Apr. 27. Class 38.

Essential Chemicals Co., Milwaukee, Wis. Liquid cleaner for floors, walls, woodwork, and dishes. Serial No. 513,396, Apr. 27. Class 4.

Etna Machine Company, The, Toledo, Ohio. Swaging machines, cut-off machines, etc. Serial No. 528,436, Apr. 27. Class 23.

Exhibit Supply Company, Chicago, Ill. Coin-controlled amusement apparatus. Serial No. 529,245, Apr. 27. Class 22.
Exhibit Supply Company, Chicago, Ill. Coin-controlled amusement apparatus. Serial No. 529,247, Apr. 27. Class 22.
Faber-Castell, A. W., Pencil Co., Inc., Newark, N. J. Lead pencils, colored pencils, copying pencils, etc. Serial No. 529,371, Apr. 27. Class 37.
Factor, Max, & Co., Los Angeles, Calif. Cosmetics. Serial No. 532,244, Apr. 27. Class 6.
Fashion Form Mfg. Corporation, White Plains, N. Y. Garter belts and maternity suspender garters. Serial No. 515,374, Apr. 27. Class 39.
First Texas Chemical Mfg. Co., Dallas, Tex. Vaginal astringent douch powder, used for its antiseptic, astringent, and deodorant values. Serial No. 523,953, Apr. 27. Class 6.
Flax Processing and Linen Company, Greystone, R. I. Linen yarn. Serial No. 515,493, Apr. 27. Class 43.
Foglesong, Howard D., Huntington, W. Va. Glass articles. Serial No. 514,698, Apr. 27. Class 33.
Foster-Dack Company, Chicago, Ill. Mild vegetable laxative. Serial No. 534,888, Apr. 27. Class 6.
Foster-Dack Company, Chicago, Ill. Rectal ointment. Serial No. 534,889, Apr. 27. Class 6.
Foy Electro-Chemical Company: *See*—
Foy, Frank K.
Foy, Frank K., Ansonia, Conn. Salt compounds for use in electro-chemical cleaning processes for metals. Serial No. 507,631, Apr. 27. Class 4.
Foy, Frank K., doing business as Foy Electro-chemical Company, Ansonia, Conn. Detergents. Serial No. 507,633, Apr. 27. Class 4.
Frackman, Hy, doing business as Alsan Manufacturing Company, New York, N. Y. Finger rings. Serial No. 534,524, Apr. 27. Class 28.
Fuhrman & Levitt, Inc., Philadelphia, Pa. Children's dresses. Serial No. 539,693, Apr. 27. Class 39.
Fuller, William, doing business as Sportissue Company, Redlands, Calif. Toilet paper. Serial No. 519,746, Apr. 27. Class 37.
Gairay Shoe Company, Lawrence, Mass. Shoes. Serial No. 524,392, Apr. 27. Class 39.
Galter Products Co., Chicago, Ill. Cameras. Serial No. 529,259, Apr. 27. Class 26.
Garrett, George K., Company, Inc., Philadelphia, Pa. Roller skates, ice skates, convertible ice and roller skates, etc. Serial No. 527,509, Apr. 27. Class 22.
Garrett, George K., Company, Inc., Philadelphia, Pa. Roller skates, ice skates, convertible ice and roller skates, etc. Serial No. 527,845, Apr. 27. Class 22.
General Biochemicals, Inc., Chagrin Falls, Ohio. Milk, cheese, and butter cultures. Serial No. 511,808, Apr. 27. Class 46.
General Fibre Products Co., Maspeth, N. Y. Cake support. Serial No. 491,914, Apr. 27. Class 37.
General Shoe Corporation, Nashville, Tenn. Women's, misses', and children's shoes, slippers, mules, etc. Serial No. 503,160, Apr. 27. Class 39.
Gevaert Photo Producten, Antwerp, Belgium. Sensitized photographic papers, photographic plates, photographic films, etc. Serial No. 520,504, Apr. 27. Class 26.
Giannini, Peter, Santa Clara, Calif. Fresh vegetables. Serial No. 523,012, Apr. 27. Class 46.
Gifford, C. M., & Sons, San Diego, Calif. Canned olives. Serial No. 532,219, Apr. 27. Class 46.
Givren, E. J., Shoe Co., Inc., Rockland, Mass. Shoes. Serial No. 528,270, Apr. 27. Class 39.
Good Luck Glove Company, Carbondale, Ill. Fabric work gloves. Serial No. 529,009, Apr. 27. Class 39.
Good Luck Glove Company, Carbondale, Ill. Fabric work gloves. Serial No. 529,012, Apr. 27. Class 39.
Good Luck Glove Company, Carbondale, Ill. Fabric work gloves. Serial No. 529,026, Apr. 27. Class 39.
Gotham Hosiery Company, Inc., New York, N. Y. Hosiery. Serial No. 527,126, Apr. 27. Class 39.
Gould, Chester E., doing business as Chester E. Gould's Herb Laboratory, Malden, Mass. Toys for cats filled with catnip herb. Serial No. 533,732. Apr. 27. Class 3.
Gould's, Chester E., Herb Laboratory: *See*—
Gould, Chester E.
Graff & Graff, Inc., New York, N. Y. Girls' and teens' coats, suits, and skirts. Serial No. 498,893, Apr. 27. Class 39.
Great Atlantic & Pacific Tea Company, The, New York, N. Y. Tea. Serial No. 527,375, Apr. 27. Class 46.
Great Atlantic & Pacific Tea Company, The, New York, N. Y. All-purpose wheat flour known as family flour, phosphated wheat flour, and self-rising flour. Serial No. 527,477, Apr. 27. Class 46.
Great Atlantic & Pacific Tea Company, The, New York, N. Y. Grape juice. Serial No. 528,275, Apr. 27. Class 45.
Great Atlantic and Pacific Tea Company, The, New York, N. Y. Candy. Serial No. 532,010, Apr. 27. Class 46.
Great Atlantic and Pacific Tea Company, The, New York, N. Y. Ice cream. Serial No. 532,012, Apr. 27. Class 46.
Great Atlantic and Pacific Tea Company, The, New York, N. Y. Chocolates. Serial No. 532,013, Apr. 27. Class 46.
Great Atlantic and Pacific Tea Company, The, New York, N. Y. Canned baked beans. Serial No. 532,014, Apr. 27. Class 46.
Great Atlantic and Pacific Tea Company, The, New York, N. Y. Candy. Serial No. 532,016, Apr. 27. Class 46.
Greenebaum, J., Tanning Co., Chicago, Ill. Full grained and buffed sole leather. Serial No. 529,049, Apr. 27. Class 1.
Guy, Ralph I., doing business as The Rig Company, Glendale, Calif. Wheat germ oil. Serial No. 540,404, Apr. 27. Class 6.
Guy, Ralph I., doing business as The Rig Company, Glendale, Calif. Vitamin B preparation. Serial No. 540,409, Apr. 27. Class 6.
H & W Company, Inc., The, Newark, N. J. Corsettes and girdles. Serial No. 520,217, Apr. 27. Class 39.
Halitosine Company, St. Louis, Mo. Personal deodorant. Serial No. 523,315, Apr. 27. Class 6.
"Haller, W. A., Company": *See*—
Neuman, Hyman C.
Haller, W. A., Corporation, assignee: *See*—
Neuman, Hyman C.
Hammel, Rigiander & Co., Inc., New York, N. Y. Abrasive-cloth tubes and cones. Serial No. 532,022, Apr. 27. Class 4.
Helm Company, The, Fairfield, Conn. Flexible couplings, connectors, rod end couplings and bearings, etc. Serial No. 506,167, Apr. 27. Class 23.
Heirloom Needlework Guild, New York, N. Y. Stamped goods for quilt making. Serial No. 522,305, Apr. 27. Class 40.
Heller Brothers Company, Newark, N. J. Files. Serial No. 521,518, Apr. 27. Class 23.
Hessel, Isadore A., St. Louis, Mo. Children's panties. Serial No. 526,228, Apr. 27. Class 39.
Hill-Clarke Machinery Company, Chicago, Ill. Periodical publication of stock listings. Serial No. 530,505, Apr. 27. Class 38.
Hillsboro Hosiery Mills, Inc., Hillsboro, N. H. Yarn. Serial No. 530,734, Apr. 27. Class 43.
Hizone Products, Wilmette, Ill. Powder for external embalming and the sterilization of enclosed containers. Serial No. 518,598, Apr. 27. Class 6.
Hodson, Hollis C., Plainfield, Ind. Washing powder. Serial No. 517,336, Apr. 27. Class 4.
Hotze, Henry, & Sons Company, St. Louis, Mo. Men's and women's luggage. Serial No. 510,514, Apr. 27. Class 3.
Hugger Bait Company, Chicago, Ill. Artificial fish lures and artificial fish baits. Serial No. 512,505, Apr. 27. Class 22.
Imperial Crown Toy Corp., Brooklyn, N. Y. Dolls. Serial No. 526,233, Apr. 27. Class 22.
Inco Company, The, Cleveland, Ohio. Printer's inks and lithographic inks. Serial No. 527,499, Apr. 27. Class 11.
Injection Molding Company, Kansas City, Mo. Ornamental plastic tile. Serial No. 517,639, Apr. 27. Class 12.
Jacobs, Philip, doing business as Eaton's of California, Pasadena, Calif. Boys' sportswear. Serial No. 525,334, Apr. 27. Class 39.
Jefferson Electric Company, Bellwood, Ill. Transformers. Serial No. 527,527, Apr. 27. Class 21.
Johnston, William E., Minneapolis, Minn., doing business as Aladdin Hearing Aid Manufacturing Co. Hearing aid sets. Serial No. 524,137, Apr. 27. Class 44.
Jova Brick Works, The, Roseton, N. Y. Building bricks. Serial No. 533,585, Apr. 27. Class 12.
Kaylon Incorporated, New York, N. Y. Pajama coats, beach coats, smock coats, etc. Serial No. 519,526, Apr. 27. Class 39.
Kearney, James R., Corporation, St. Louis, Mo. Electrical connectors. Serial No. 519,275, Apr. 27. Class 21.
Kee Lox Manufacturing Company, Rochester, N. Y. Carbon paper. Serial No. 526,971, Apr. 27. Class 11.
Kelly-Springfield Tire Company, The, Cumberland, Md. Tires and inner tubes therefor. Serial No. 532,607, Apr. 27. Class 35.
Kenley Dog Supplies: *See*—
Murray, Wilmer D.
Keuffel & Esser Company, Hoboken, N. J. Drawing ink. Serial No. 525,862, Apr. 27. Class 11.
Keuffel & Esser Company, Hoboken, N. J. Drawing ink. Serial No. 525,868, Apr. 27. Class 11.
King Research, Inc., Brooklyn, N. Y. Germicidal solution to be placed in moistening machines of gummed tape, envelopes, postage stamps, labels, etc., for destroying bacteria, odor, and slime. Serial No. 523,105, Apr. 27. Class 6.
Kingsland-Ferguson, Inc., New York, N. Y. Yeast protein and casein hydrolysates. Serial No. 531,040, Apr. 27. Class 6.
Knothe Brothers Co. Inc., New York, N. Y. Men's and boys' suspenders and garters. Serial No. 529,659, Apr. 27. Class 39.
Kolstad Canneries, Inc., Silverton, Oreg. Canned vegetables. Serial No. 506,037, Apr. 27. Class 46.
Koon, Francis M., doing business as Le Roy Specialty Company, Waterloo, Ind. Fish scalers. Serial No. 517,250. Apr. 27. Class 22.
Krause, Chas. A., Milling Co., Milwaukee, Wis. Hominy feed. Serial No. 530,939, Apr. 27. Class 46.

Kreisler, Jacques, Manufacturing Corporation, North Bergen, N. J. Display cabinets. Serial No. 514,203, Apr. 27. Class 32.
Kungsholm Baking Co., Inc., Chicago, Ill. Cookies. Serial No. 496,638–9, Apr. 27. Class 46.
Le Roy Specialty Company: *See*—
Koon, Francis M.
Lewis Asphalt Engineering Corporation, New York, N. Y., and Clark, N. J. Fabric saturated with tar. Serial No. 531,220, Apr. 27. Class 12.
Lewis Asphalt Engineering Corporation, New York, N. Y., and Clark, N. J. Asphalt primer and asphaltic joint filler. Serial No. 531,221, Apr. 27. Class 12.
Li'l Grape Company: *See*—
Mundorff, Harry A., Jr.
Liondale Shirt Company, New York, N. Y. Men's and boys' dress shirts, negligee shirts, and sport shirts. Serial No. 529,279. Apr. 27. Class 39.
Liquitrol Company: *See*—
Maxwell, J. G.
Lord-Taber Company, Incorporated, Canandaigua, N. Y. Thermostatic control unit. Serial No. 520,513, Apr. 27. Class 26.
Lorillard, P., Company, New York, N. Y. Cigarettes. Serial No. 536,927, Apr. 27. Class 17.
Lorillard, P., Company, New York, N. Y. Cigarettes and cut plug tobacco. Serial No. 536,930. Apr. 27. Class 17.
Lorillard, P., Company, New York, N. Y. Chewing tobacco. Serial No. 536,933, Apr. 27. Class 17.
Lorillard, P., Company, New York, N. Y. Chewing tobacco. Serial No. 536,935, Apr. 27. Class 17.
Lorillard, P., Company, New York, N. Y. Cigarettes and cigarette tobacco. Serial No. 536,936, Apr. 27. Class 17.
Mademoiselle Belt Co., Inc., New York, N. Y. Ladies' belts. Serial No. 524,404, Apr. 27. Class 39.
Magikitch'n Equipment Corporation, Quakertown, Pa. Electrically heated toasters, broilers, grills, etc. Serial No. 533,474, Apr. 27. Class 21.
Magnecord, Inc., Chicago, Ill. Magnetic wire recorders. Serial No. 522,755, Apr. 27. Class 21.
Marlboro Shirt Company, Inc., Baltimore, Md. Apparel. Serial No. 494,855, Apr. 27. Class 39.
Maxwell, J. G., doing business as Liquitrol Company, Terminal Island, Calif. Automatic liquid dispensing machines. Serial No. 518,021, Apr. 27. Class 26.
McCormick and Co., Incorporated, Baltimore, Md. Insecticides. Serial No. 502,224, Apr. 27. Class 6.
Michigan Fire and Marine Insurance Company, Springfield, Mass. Writing of fire and marine insurance. Serial No. 528,879, Apr. 27. Class 55.
Mineral Laboratories, St. Louis, Mo. Compound of fortifying or enriching ingredients. Serial No. 479,633, Apr. 27. Class 46.
Moe, Herman, doing business as Duro-Flex Co., Minneapolis, Minn. Thermal insulation blankets formed of paper. Serial No. 532,318, Apr. 27. Class 12.
Moneco Company, The: *See*—
Newman, Mortimer, Company, The.
Monsanto Chemical Company, St. Louis, Mo. Herbicides. Serial No. 542,152, Apr. 27. Class 6.
Moore Enameling and Manufacturing Company, The, West Lafayette, Ohio. Enameled base metal hollow ware, flat ware, semi-flat ware, etc. Serial No. 531,139, Apr. 27. Class 13.
Mundorff, Harry A., Jr., doing business as Li'l Grape Company, Wilmington, Del. Grape soda. Serial No. 489,233, Apr. 27. Class 45.
Murray, Alan E., Wilmington, Del. Shoes, sandals, and dancing shoes. Serial No. 509,865, Apr. 27. Class 39.
Murray, Wilmer D., doing business as Kenley Dog Supplies, Needham Heights, Mass. Dog combs. Serial No. 514,905, Apr. 27. Class 3.
My-Fruit Manufacturing Company: *See*—
Newhouse, Abraham.
Myrtle Sportswear, Inc., New York, N. Y. Ski pants, ski suits, and ski jackets. Serial No. 499,261, Apr. 27. Class 39.
Nationwide Leather Products Corp., New York, N. Y. Brief cases. Serial No. 532,048. Apr. 27. Class 3.
Neuman, Hyman C., doing business as "W. A. Haller Company," assignor to W. A. Haller Corporation, Philadelphia, Pa. Distilled alcoholic beverages. Serial No. 520,291, Apr. 27. Class 49.
Newhouse, Abraham, doing business as My-Fruit Manufacturing Company, Brooklyn, N. Y. Candy laxative. Serial No. 520,410, Apr. 27. Class 6.
Newman, Mortimer, Company, The, also doing business as The Moneco Company, New Haven, Conn. Footballs, basketballs, boxing gloves. Serial Nos. 529,079–80, Apr. 27. Class 22.
New Yorker Magazine, Inc., The, New York, N. Y. Magazine column. Serial No. 532,859, Apr. 27. Class 38.
Nile Products Company, New York, N. Y. Gummed reinforcements for eyelets in loose-leaf pages. Serial No. 530,672, Apr. 27. Class 37.
Norris Stamping and Manufacturing Co., Los Angeles, Calif. Domestic aluminum and stainless steel cooking utensils. Serial No. 506,055, Apr. 27. Class 13.
Northern Laboratories, Manitowoc, Wis. Insecticide. Serial No. 489,979, Apr. 27. Class 6.
Northup, Harry R., doing business as Northup Products Co., South Bend, Ind. Oven liners. Serial No. 522,010, Apr. 27. Class 14.
Northup Products Co.: *See*—
Northup, Harry R.
Oak Grove Distilled Products, Inc., Philadelphia, Pa. Distilled potable alcoholic beverages. Serial No. 526,639, Apr. 27. Class 49.
Ojala, Harvey E., doing business as The "Ojie" Bait Co., Cleveland Heights, Ohio. Fish lures. Serial No. 504,285, Apr. 27. Clas 22.
"Ojie" Bait Co., The: *See*—
Ojala, Harvey E.
Old Hickory Distilling Corporation, Philadelphia, Pa. Distilled potable alcoholic beverages. Serial No. 526,593, Apr. 27. Class 49.
Orefraction Incorporated, Pittsburgh, Pa. Ceramic abrasive materials, and mineral materials and compositions used in making abrasive wheels and bodies and abrasive materials. Serial No. 525,016, Apr. 27. Class 4.
Ottens, Henry H., Mfg. Co., Inc., Philadelphia, Pa. Food flavoring extracts, emulsions, concentrates, etc. Serial No. 515,899, Apr. 27. Class 46.
Pad-Craft Manufacturing Co. Inc., New York, N. Y. Shoulder pads. Serial No. 512,341, Apr. 27. Class 40.
Paisley Products Incorporated, Chicago, Ill. Chemical preparations for use as a wood impregnant wood preservative. Serial No. 517,198, Apr. 27. Class 6.
Park & Tilford, New York, N. Y. Lipsticks, face powder, rouge, etc. Serial No. 530,249, Apr. 27. Class 6.
Patek and Co., San Francisco, Calif. Spot remover used by laundries and dry cleaners. Serial No. 505,914, Apr. 27. Class 4.
Patek and Co., San Francisco, Calif. Dry spotting compound. Serial No. 505,918, Apr. 27. Class 4.
Peterman, William W., Wilkes-Barre, Pa. Amusement card and chart games. Serial No. 510,538, Apr. 27. Class 22.
Peter Pan Gum Corp., Brooklyn, N. Y. Bubble chewing gum. Serial No. 517,089, Apr. 27. Class 46.
Plymouth Wholesale Dry Goods Corporation, New York, N. Y. Protective covers for food containers. Serial No. 516,500, Apr. 27. Class 50.
Polychrome Corporation, Yonkers, N. Y. Heat-sensitive recording paper. Serial No. 514,492, Apr. 27. Class 37.
Potvin, R. J., Shoe Company: *See*—
Potvin, Richard J.
Potvin, Richard J., doing business as R. J. Potvin Shoe Company, Brockton, Mass. Moccasins and shoes. Serial No. 515,235, Apr. 27. Class 39.
Procter & Gamble Company, The, Cincinnati, Ohio. Sudsing cleaner, cleanser, and detergent. Serial No. 539,898, Apr. 27. Class 4.
Prym, William, Inc., Dayville and Killingly, Conn. Glass headed pins. Serial No. 536,858, Apr. 27. Class 40.
Publicker Industries Inc., Philadelphia, Pa. Ethyl acetate, butyl acetate, methanol, and denatured alcohol. Serial No. 526,798, Apr. 27. Class 6.
Puritan Company, Incorporated, Rochester, N. Y. Substantially transparent liquid material. Serial No. 510,724, Apr. 27. Class 12.
Puritan Company, Incorporated, Rochester, N. Y. Sealing compound. Serial No. 522,264, Apr. 27. Class 12.
Regina Corporation, The, Rahway, N. J. Electrically operated domestic vacuum cleaners and floor polishing machines. Serial No. 528,820, Apr. 27. Class 21.
Rhodes Bros. Farm, Clarence Center, N. Y. Live and dressed poultry. Serial No. 531,845, Apr. 27. Class 46.
Rig Company, The: *See*—
Guy, Ralph I.
Rigid-Tex Corporation, Buffalo, N. Y. Perforated reinforced ferrous and non-ferrous metal sheets. Serial No. 532,500, Apr. 27. Class 14.
Ritepoint Co., St. Louis, Mo. Mechanical pencils. Serial No. 529,202, Apr. 27. Class 37.
Robinwood: *See*—
Batcheller, Campbell R.
Rochester Optical Mfg. Co., Inc., Rochester, N. Y. Spectacle frames. Serial No. 528,954, Apr. 27. Class 26.
Rockwell Manufacturing Company, Pittsburgh, Pa. Packing for rods subjected to fluid pressure. Serial No. 534,342, Apr. 27. Class 35.
Rockwell Manufacturing Company, Pittsburgh, Pa. Packing for rods subjected to fluid pressure. Serial No. 534,366. Apr. 27. Class 35.
Rosen, Saul, doing business as United Yarn Products Company, Paterson, N. J. Rayon yarns, spun rayon yarns, etc. Serial No. 530,961, Apr. 27. Class 43.
Rosenkranse, William, doing business as Zo-Tite-Products Co., Ozone Park, Long Island, N. Y. Preparation consisting of a combination of fine ground metals and chemical powders. Serial No. 522,751, Apr. 27. Class 6.
Rothmoor Corporation, Chicago, Ill. Ladies' coats and suits. Serial No. 527,481, Apr. 27. Class 39.
Royal Engineering Co., San Francisco, Calif. Fishing rods, fishing reels, fishing reel seats, etc. Serial No. 498,931, Apr. 27. Class 22.
St. Louis Malleable Casting Company, St. Louis, Mo. Malleable and grey iron castings. Serial No. 531,735, Apr. 27. Class 14.
Sanit-All Products Corporation, Greenwich, Ohio. Combination electric nursing bottle warmers and nursing bottle sterilizers. Serial No. 526,295, Apr. 27. Class 21.

Santay Corporation, Chicago, Ill. Electric cigar and cigarette lighters. Serial No. 531,622, Apr. 27. Class 21.

Sargrove Electronics Limited, Shepperton-on-Thames, England. Phase and frequency modulators and demodulators, electrical switching apparatus, etc. Serial No. 497,631, Apr. 27. Class 21.

Schieren, Chas. A., Company, New York, N. Y. Rawhide rope. Serial No. 530,854, Apr. 27. Class 7.

Schieren, Chas. A., Company, New York, N. Y. Leather machine belts. Serial No. 530,856, Apr. 27. Class 35.

Schieren, Chas. A., Company, New York, N. Y. Cut belt-lacing. Serial No. 530,857, Apr. 27. Class 35.

Schmid, Julius, Inc., New York, N. Y. Prophylactic rubber and membranous article. 536,641, Apr. 27. Class 44.

Schmidt, Geo. A., Co.: *See*—
Schmidt Soap Products, Inc.

Schmidt Soap Products, Inc., doing business as Geo. A. Schmidt Co., Chicago, Ill. Shampoo soap in cake form. Serial No. 516,150, Apr. 27. Class 4.

Shane, C. B., Corporation, Chicago, Ill. Overcoats and topcoats. Serial No. 529,712, Apr. 27. Class 39.

Smith & Company, London, England. Peppermint lozenges for the relief of discomfort after meals. Serial No. 511,424, Apr. 27. Class 6.

Soderholm: *See*—
Soderholm, Robert E.

Soderholm, Robert E., doing business as Soderholm, Worthington, Minn. Playground equipment. Serial No. 510,863, Apr. 27. Class 22.

Spivey, Roy, Tuscaloosa, Ala. Household soap in powder form for general laundry purposes. Serial No. 514,228, Apr. 27. Class 4.

Sportissue Company: *See*—
Fuller, William.

Springfield Fire and Marine Insurance Company, Springfield, Mass. Writing of fire insurance. Serial No. 528,892, Apr. 27. Class 55.

Srofe, Jesse, Cincinnati, Ohio. Pocketbooks. Serial No. 505,716, Apr. 27. Class 3.

Standard Romper Co., Inc., New York, N. Y. Boys' suits, creepers, rompers, etc. Serial No. 530,778, Apr. 27. Class 39.

Stauffer Chemical Company, San Francisco, Calif. Insecticides and sulphur. Serial No. 532,362, Apr. 27. Class 6.

Stauffer Chemical Company, San Francisco, Calif. Sulphur. Serial No. 532,369, Apr. 27. Class 6.

Stauffer Chemical Company, San Francisco, Calif. Insecticides. Serial No. 532,371, Apr. 27. Class 6.

Stix, Baer & Fuller Co., St. Louis, Mo. Men's and boys' wearing apparel. Serial Nos. 529,501–2, Apr. 27. Class 39.

Stockman Publishing Co., The, Memphis, Tenn. Monthly magazine. Serial No. 496,342, Apr. 27. Class 38.

Strickland, J., and Co., Memphis, Tenn. Hair dressing. Serial No. 536,310, Apr. 27. Class 6.

Strobl, Alexander, doing business as Strobilite Co., New York, N. Y. Electrical apparatus. Serial No. 528,653, Apr. 27. Class 21.

Strobilite Co.: *See*—
Strobl, Alexander.

Sunbeam Corporation, Chicago, Ill. Electric hedge trimmers and parts thereof. Serial No. 517,436, Apr. 27. Class 21.

Syndicate-Arkwright Trading Corp., New York, N. Y. Perfumes and toilet water. Serial No. 534,486, Apr. 27. Class 6.

Talon, Inc., Meadville, Pa. Slip covers for furniture. Serial No. 527,833, Apr. 27. Class 32.

Talon, Inc., Meadville, Pa. Men's and boys' swimming trunks; boots; etc. Serial No. 527,933, Apr. 27. Class 39.

Tanski, Alex, Brooklyn, N. Y. Plastic storage bags adapted for the reception and retention of commodities. Serial No. 523,214, Apr. 27. Class 2.

Tarleton, Magda J., New York, N. Y. Concentrated base, in solid or granulated form, etc. Serial No. 522,195, Apr. 27. Class 46.

Teleoptic Company, The, Racine, Wis. Electric fog lights. Serial No. 517,877, Apr. 27. Class 21.

Teleoptic Company, The, Racine, Wis. Electrical warning lights. Serial No. 518,629, Apr. 27. Class 21.

Teleoptic Company, The, Racine, Wis. Electric headlights. Serial No. 518,630, Apr. 27. Class 21.

Teleoptic Company, The, Racine, Wis. Electrical warning lights. Serial No. 518,632, Apr. 27. Class 21.

Terramar Company: *See*—
Western Processed Food Co.

Tompkins' Label Service, Philadelphia, Pa. Grease-proof printed labels. Serial No. 530,592, Apr. 27. Class 38.

Tompkins' Label Service, Philadelphia, Pa. Printed grease-proof labels. Serial No. 530,596, Apr. 27. Class 38.

Tracerlab, Incorporated, Boston, Mass. Radioactivity measuring instrument. Serial No. 521,160, Apr. 27. Class 26.

Trapp, Ross, Salt Lake City, Utah. Permanent wave machine. Serial No. 523,294, Apr. 27. Class 44.

Truzette of California, Los Angeles, Calif. Ladies' nightgowns, pajamas, slips, etc. Serial No. 531,960, Apr. 27. Class 39.

United Merchants & Manufacturers, Inc., New York, N. Y., and Wilmington, Del. Resinous impregnating agents. Serial No. 532,662, Apr. 27. Class 6.

United Yarn Products Company: *See*—
Rosen, Saul.

Valley Paper Company, Holyoke, Mass. Writing, typewriter, and printing paper. Serial No. 527,989, Apr. 27. Class 37.

Waldon Company, The, Philadelphia, Pa. Hosiery. Serial No. 524,584, Apr. 27. Class 39.

Walker, John, & Sons Limited, London, England. Whisky. Serial No. 521,705, Apr. 27. Class 49.

Warner, William R., & Co., Inc., New York, N. Y. Antihistaminic preparations. Serial No. 541,367, Apr. 27. Class 6.

Warren, S. D., Company, Boston, Mass. Book paper. Serial No. 542,732, Apr. 27. Class 37.

Western Processed Food Co., doing business as Terramar Company, Los Angeles, Calif. Silver polish. Serial No. 506,564, Apr. 27. Class 4.

Western Tablet & Stationery Corporation, Dayton, Ohio. Loose writing paper for school or office use. Serial No. 530,355, Apr. 27. Class 37.

Westmoor Manufacturing Co., Minneapolis, Minn. Men's pajamas and ladies' blouses. Serial No. 509,061, Apr. 27. Class 39.

Whitecavage, Henry J. J., Kingston, Pa. Toy houses. Serial No. 528,596, Apr. 27. Class 22.

Whiteside, George W., Co., Louisville, Ky. Film-forming compound to be applied over freshly laid concrete for curing purposes. Serial No. 532,894, Apr. 27. Class 12.

Wooden, John R., Philadelphia, Pa. Pomade, rose oil, brilliantine and pressing oil all of said items being used for the hair. Serial No. 508,401, Apr. 27. Class 6.

Wool Novelty Co., Inc., New York, N. Y. Plastic yarn. Serial No. 531,277, Apr. 27. Class 43.

Wool Novelty Co., Inc., New York, N. Y. Plastic yarn. Serial No. 531,278, Apr. 27. Class 43.

Wright & McGill Co., Denver, Colo. Fish hooks and fish lures. Serial No. 524,641, Apr. 27. Class 22.

Wyeth Incorporated, Philadelphia, Pa. Conjugated estrogen. Serial No. 533,963, Apr. 27. Class 6.

Wyeth Incorporated, Philadelphia, Pa. Elixir thiamin chloride. Serial No. 533,964, Apr. 27. Class 6.

Wyeth Incorporated, Philadelphia, Pa. Nasal applicator. Serial No. 536,209, Apr. 27. Class 44.

Yunker Manufacturing Co., Inc., Point Pleasant, W. Va. Children's play togs. Serial No. 514,872, Apr. 27. Class 39.

Zada, Madame Nola: *See*—
Zada, Nola.

Zada, Nola, doing business under the name Madame Nola Zada, Beverly Hills, Calif. Custom-made clothes. Serial No. 539,588, Apr. 27. Class 39.

Zo-Tite-Products Co.: *See*—
Rosenkrange, William.

LIST OF REGISTRANTS OF TRADE-MARKS

Abarbanel: *See*—
Abarbanel, Libeth.

Abarbanel, Libeth, doing business as Abarbanel, New York, N. Y. Toilet compacts and rouge boxes. 438,497, Apr. 27; Serial No. 488,068, published Jan. 20, 1948. Class 2.

Abbott Laboratories, North Chicago, Ill. Sedative and analgesic preparation. 436,707, Feb. 17, 1948. Corrected. O. G. Apr. 27. Class 6.

Acme Chemical Company, Milwaukee, Wis. Liquid cleanser. 359,524, Aug. 23, 1938. Republished Apr. 27. Class 4.

Adams, William, & Sons (Potters) Limited, Stoke-on-Trent, to William Adams & Sons (Potters) Limited, Tunstall, England. Pottery. 221,536, renewed Dec. 7, 1946. O. G. Apr. 27. Class 30.

Adler Company, The, Cincinnati, Ohio. Knitted cotton tubing. 408,812, Aug. 29, 1944. Republished Apr. 27. Class 42.

Agfa Ansco Corporation, Binghamton, N. Y., assignor to General Aniline & Film Corporation, by General Aniline & Film Corporation, New York, N. Y. Photographic film. 376,523, Mar. 26, 1940. Republished Apr. 27. Class 26.

Aircraft Screw Products Company, Incorporated, Long Island City, N. Y. Tools, apparatus and machines. 404,358, Nov. 23, 1943. Republished Apr. 27. Class 23.

Aircraft Screw Products Company, Inc., Long Island City, N. Y. Screw connections and parts of screw connections. 422,228, July 9, 1946. Republished Apr. 27. Class 13.

All American Drinks Corp., New York, N. Y. Non-alcoholic maltless beverages. 438,549, Apr. 27; Serial No. 523,000, published Jan. 20, 1948. Class 45.

Alligator Company, The, St. Louis, Mo. Men's jackets. 421,707, June 11, 1946. Republished Apr. 27. Class 39.

Amberg File and Index Company, Kankakee, Ill. Paper, cloth, and cardboard files and mounts. 383,521, Dec. 10, 1940. Republished Apr. 27. Class 37.

Amberg File and Index Company, Kankakee, Ill. Metal tabs for file guides, indexing and filing system guides, etc. 420,369, Apr. 9, 1946. Republished Apr. 27. Class 37.

American Ammone Company, to Enoch Morgan's Sons Company, New York, N. Y. Washing or cleaning compounds. 242,071, renewed May 15, 1948. O. G. Apr. 27. Class 4.

American Beverage Corporation: *See*—
Brownie Corporation, The.

American Bird Products, Inc., Chicago, Ill. Live canaries. 366,635, Apr. 25, 1939. Republished Apr. 27. Class 1.

American Chain & Cable Company, Inc.: *See*—
D'Este, Julian, Company.

American Chemical Paint Company, Ambler, Pa. Chemical preparations for exterminating weeds. 438,503, Apr. 27; Serial No. 499,601, published Apr. 1, 1947. Class 6.

American Fork and Hoe Company, The: *See*—
Turner, Day & Woolworth Handle Company.

American Fork and Hoe Company, The, Cleveland, Ohio. Hand agricultural and garden implements. 371,635, Oct. 3, 1939. Republished Apr. 27. Class 23.

American Mineral Spirits Company, Chicago, Ill. Mixture of low boiling liquid hydrocarbons suitable for use in rotogravure inks. 394,259, Mar. 31, 1942. Republished Apr. 27. Class 11.

American Steel and Wire Company of New Jersey, The, Cleveland, Ohio, Chicago, Ill., Pittsburgh, Pa., New York, N. Y., Worcester, Mass., and Hoboken, N. J., to The American Steel and Wire Company of New Jersey, Cleveland, Ohio. Wire. 233,498, renewed Feb. 7, 1948. O. G. Apr. 27. Class 36.

American Steel and Wire Company of New Jersey, Cleveland, Ohio, Chicago, Ill., Pittsburgh, Pa., New York, N. Y., Worcester, Mass., and Hoboken, N. J., to American Steel and Wire Company of New Jersey, Cleveland, Ohio. Wire fencing. 241,507, renewed May 1, 1948. O. G. Apr. 27. Class 13.

American Steel and Wire Company of New Jersey, Cleveland, Ohio, Chicago, Ill., Pittsburgh, Pa., New York, N. Y., Worcester, Mass., and Hoboken, N. J., to The American Steel and Wire Company of New Jersey, Cleveland, Ohio. Wire. 241,799, renewed May 8, 1948. O. G. Apr. 27. Class 14.

Ames Supply Company, Chicago, Ill. Typewriter ribbons. 438,539, Apr. 27; Serial No. 519,159, published Jan. 27, 1948. Class 11.

Amoskeag Pajama Co., Inc.: *See*—
Amoskeag Pajama Company, Inc.

Amoskeag Pajama Company, Inc., Manchester, N. H., by Amoskeag Pajama Co., Inc., Boston, Mass. Pajamas. 385,470, Mar. 4, 1941. Republished Apr. 27. Class 39.

Anchor Post Products, Inc.: *See*—
Fluid Heat Corp., The.

Anderson-Pitt Corporation, The, Kansas City, Mo., by Bersted Manufacturing Company, Fostoria, Ohio. Radiant electric heaters. 255,452, Apr. 23, 1929. Republished Apr. 27. Class 21.

Armiger Chemical Company, to Armiger Chemical Company, Inc., Chicago, Ill. Abrasive metal polishes. 66,714, re-renewed Dec. 24, 1947. O. G. Apr. 27. Class 4.

Armiger Chemical Company, Inc.: *See*—
Armiger Chemical Company.

Armstrong Cork Company, Lancaster, Pa. Bottle corks. 411,620. Jan. 23, 1945. Republished Apr. 27. Class 50.

Armstrong Cork Company, Lancaster, Pa. Resilient plastic composition material. 412,143. Feb. 20, 1945. Republished Apr. 27. Class 50.

Arvey Corporation: *See*—
Lamcote, Incorporated.

Attorney General of the United States, The: *See*—
Mülhens, Paul P.

Autogas Company, Chicago, Ill. Gas burners, gas burning humidifiers, garbage incinerators, and water heaters. 396,109, June 30, 1942. Republished Apr. 27. Class 34.

Babbitt, B. T., Inc., New York, N. Y. Lye. 500,145, Apr. 27; Serial No. 529,862, published Jan. 27, 1948. Class 6.

Baird, William McKinley, Chicago, Ill. Refrigerated locker units. 374,272, Jan. 2, 1940. Republished Apr. 27. Class 31.

Baird, William McKinley, Chicago, Ill. Refrigerated locker units. 392,827, Jan. 13, 1942. Republished Apr. 27. Class 31.

Baker, Charles, & Company, Inc., Philadelphia, Pa., by Rogers Peet Company, New York, N. Y. Men's top coats. 291,845, Feb. 23, 1932. Republished Apr. 27. Class 39.

Baker Clothes, Inc., assignor to Rogers Peet Company, Philadelphia, Pa., by Rogers Peet Company, New York, N. Y. Men's and boys' suits. 312,408, Apr. 24, 1934. Republished Apr. 27. Class 39.

Ballou, B. A., & Co., Incorporated, Providence, R. I. Jewelry. 141,283, renewed Jan. 5, 1948. O. G. Apr. 27. Class 28.

Baltimore Publishing Company, The, by Hearst Consolidated Publications, Inc., Baltimore, Md. Daily newspaper section. 218,949, Oct. 5, 1926. Republished Apr. 27. Class 38.

Bamfords Ltd., Uttoxeter, England. Reaping machines, hay-making machinery, etc. 411,491, Jan. 16, 1945. Amended: O. G. Apr. 27. Class 23.

Barnes, Henry K., Company, Boston, Mass. Leather belting. 306,886, Oct. 3, 1933. Republished Apr. 27. Class 35.

Bayuk Cigars Incorporated: *See*—
Law, Edwin F.

Behrens & Kashins, Inc., to Phillips-Jones Corporation, New York, N. Y. Blanket robes, bath robes, lounging robes, etc. 233,074, renewed Sept. 20, 1947. O. G. Apr. 27. Class 39.

Bell Brand Foods Ltd.: *See*—
Ginsberg, Max I.

Bemis Bro. Bag Company, St. Louis, Mo. Bags. 371,577, Sept. 26, 1939. Republished Apr. 27. Class 2.

Bennett Glass & Paint Company, by Bennett's, Salt Lake City, Utah. Coloring material for paints. 344,220, Mar. 16, 1937. Republished Apr. 27. Class 16.

Bennett, Glass & Paint Company, by Bennett's, Salt Lake City, Utah. Absorptive dough-like preparation. 351,836, Nov. 9, 1937. Republished Apr. 27. Class 4.

Bennett's: *See*—
Bennett Glass & Paint Company.

Berry-Le-Beck Mfg. Co.: *See*—
Berry, Robert W.

Berry, Robert W., doing business as Berry-Lebeck Mfg. Co., California, Mo. Fish lures. 438,500, Apr. 27; Serial No. 495,359, published Oct. 1, 1946. Class 22.

Bersted Manufacturing Company: *See*—
Anderson-Pitt Corporation, The.
United Electrical Mfg. Co.

Beverwyck Breweries, Inc., Albany, N. Y. Ale and lager beers. 345,323, Apr. 20, 1937. Republished Apr. 27. Class 48.

Black Magic Products Company: *See*—
Harks, Walter.

Blanke-Baer Extract & Preserving Company, St. Louis, Mo. Fruit butters, fruit preserves, jellies, etc. 391,854, Nov. 25, 1941. Republished Apr. 27. Class 46.

Blanke-Baer Extract & Preserving Company, St. Louis, Mo. Food colorings. 393,207, Jan. 27, 1942. Republished Apr. 27. Class 6.

Blue Ribbon Products Company, San Francisco, Calif. Corn starch, vanilla pudding, raspberry gelatine, etc. 438,525, Apr. 27; Serial No. 513,021, published Dec. 16, 1947. Class 46.

Bommarito, J., & Sons, St. Louis, Mo. Canned spaghetti. 438,528. Apr. 27; Serial No. 514,001, published Dec. 16, 1947. Class 46.

Bonis Bros. Fur Machinery Corporation, New York, N. Y. Fur sewing machines. 361,488, Oct. 18, 1938. Republished Apr. 27. Class 23.

Booth, Walter, Shoe Co., by Mid-States Shoe Company, Milwaukee, Wis. Boots, shoes and oxfords. 298,450, Oct. 25, 1932. Republished Apr. 27. Class 39.

Boothton Coal Mining Company: *See*—
Southern Coal & Coke Company.

Bowser, Inc.: *See*—
Bowser, S. F., & Company, Incorporated.
Harks, Walter.

Bowser, S. F., & Company, Incorporated, by Bowser, Inc., Fort Wayne, Ind. Meters. 356,240, Apr. 19, 1938. Republished Apr. 27. Class 26.

Bowser, S. F., & Company, Incorporated, by Bowser, Inc., Fort Wayne, Ind. Direction and/or rate of liquid flow indicators. 374,092, Jan. 2, 1940. Republished Apr. 27. Class 26.

Bowser, S. F., & Company, Incorporated, by Bowser, Inc., Fort Wayne, Ind. Predetermined stop means for liquid dispensing apparatus. 394,541, Apr. 14, 1942. Republished Apr. 27. Class 26.

Boyd-Richardson Company, St. Louis, Mo. Women's coats. 259,782, Aug. 6, 1929. Republished Apr. 27. Class 39.

Bragno & Company: *See*—
Bragno, Francesco.

Bragno, Francesco, doing business as Bragno & Company, Chicago, Ill. Olive oil. 359,580, Aug. 23, 1938. Republished Apr. 27. Class 46.

Briggs, George, doing business as Pondbrook Company, Providence, R. I. Creel and tackle bag, fly book or roll, and a tackle box. 500,128, Apr. 27; Serial No. 526,909, published Jan. 27, 1948. Class 22.

Brill, H. C., Company, Inc., Newark, N. J. Filling for pies, cakes and pastries. 266,670, Jan. 28, 1930. Republished Apr. 27. Class 46.

Broemmel's Pharmaceuticals, San Francisco, Calif. Nasal drops, nasal spray and throat spray. 408,531, Aug. 15, 1944. Republished Apr. 27. Class 6.

Brownie Corporation, The, New York, N. Y., to American Beverage Corporation, Brooklyn, N. Y. Nonalcoholic, maltless beverage. 233,909, renewed Oct. 11, 1947. O. G. Apr. 27. Class 5.

Brunswick-Balke-Collender Company: *See*—
Brunswick-Balke-Collender Company, The.

Brunswick-Balke-Collender Company, The, by Brunswick-Balke-Collender Company, Chicago, Ill. Billiard-table cushions. 24,237, Feb. 13, 1894. Republished Apr. 27. Class 22.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Pin spotters. 265,748, Jan. 7, 1930. Republished Apr. 27. Class 22.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Billiard cloth. 332,246–S, Feb. 4, 1936. Republished Apr. 27. Class 42.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Bowling pins. 341,079–81, Dec. 1, 1936. Republished Apr. 27. Class 22.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Billiard cloth. 344,362, Mar. 23, 1937. Republished Apr. 27. Class 42.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Billiard cloth. 344,364–5, Mar. 23, 1937. Republished Apr. 27. Class 42.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Billiard cues. 344,484, Mar. 23, 1937. Republished Apr. 27. Class 22.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Brushes. 347,410, June 22, 1937. Republished Apr. 27. Class 29.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Settees; settee end panels; glass racks, etc. 386,727, Apr. 22, 1941. Republished Apr. 27. Class 32.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Billiard tables. 398,540, Nov. 3, 1942. Republished Apr. 27. Class 22.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Bowling pins. 415,715, Aug. 14, 1945. Republished Apr. 27. Class 22.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Billiard table cushions. 416,217, Sept. 4, 1945. Republished Apr. 27. Class 22.

Buckeye Brewing Company, The, Toledo, Ohio. Malt beverages. 335,012, May 19, 1936. Republished Apr. 27. Class 48.

Buckeye Brewing Company, The, Toledo, Ohio. Malt beverage. 336,369, July 7, 1936. Republished Apr. 27. Class 48.

Buckeye Brewing Company, The, Toledo, Ohio. Comic strip. 388,922, July 15, 1941. Republished Apr. 27. Class 38.

Buda Company, The, Harvey, Ill. Self or manually propelled shop trucks and carts. 359,783, Aug. 30, 1938. Republished Apr. 27. Class 19.

Buda Company, The, Harvey, Ill. Bumping posts and car stops. 500,139, Apr. 27; Serial No. 527,752, published Jan. 20, 1948. Class 14.

Buena Vista Vineyards: *See*—
Inglenook Vineyard Co.

Bureau of National Affairs, Inc., The: *See*—
Bureau of National Affairs, Incorporated.

Bureau of National Affairs, Incorporated, by the Bureau of National Affairs, Inc., Washington, D. C. Periodical publications. 337,241, Aug. 4, 1936. Republished Apr. 27. Class 38.

Cadbury Brothers, Birmingham, England. Cocoa and chocolate. 67,928, re-renewed Feb. 25, 1948. O. G. Apr. 27. Class 46.

Campana Corporation, to Campana Corporation, Batavia, Ill. Skin-softening preparation. 234,573, renewed Nov. 1, 1947. O. G. Apr. 27. Class 6.

Caravetta Foods Co., Chicago, Ill. Cheese. 438,542, Apr. 27; Serial No. 520,496, published Jan. 6, 1948. Class 46.

Carborundum Company, The, by The Carborundum Company, Niagara Falls, N. Y. Certain abrasive articles and compounds, etc. 245,860, Aug. 21, 1928. Republished Apr. 27. Class 4.

Carlay Company, The: *See*—
Futter, Carl A.

Carnogy, Gail, Classics: *See*—
Carnogy, Gail, Incorporated.

Carnogy, Gail, Incorporated, Philadelphia, Pa., by Jack H. Kelman, doing business as Gail Carnogy Classics, New York, N. Y., and Philadelphia, Pa. Dresses and housecoats. 378,755, June 18, 1940. Republished Apr. 27. Class 39.

Caron Corporation: *See*—
Daltroff, E., & Cie.

Celanese Corporation of America, New York, N. Y. Knitted, netted, and textile fabrics. 242,545, renewed May 29, 1948. O. G. Apr. 27. Class 42.

Central Radio Laboratories, by Globe-Union Inc., Milwaukee, Wis. Radio signaling apparatus, and parts thereof. 204,006, Oct. 6, 1925. Republished Apr. 27. Class 21.

Champagne Alberto Vladivieso S. A., Santiago, Chile. Champagne. 438,555, Apr. 27; Serial No. 488,891. Class 47.

Champion Motors Company: *See*—
Champion Outboard Motors.

Champion Outboard Motors, by Champion Motors Company, Minneapolis, Minn. Outboard motors. 325,259, June 18, 1935. Republished Apr. 27. Class 23.

Charleston Milling Company, Charleston, W. Va. Poultry feed. 349,506, Aug. 31, 1937. Republished Apr. 27. Class 46.

Charleston Milling Company, Charleston, W. Va. Wheat flour. 361,586, Oct. 25, 1938. Republished Apr. 27. Class 46.

Charleston Milling Company, Charleston, W. Va. Pancake flour, cake flour, and biscuit flour. 377,744, May 14, 1940. Republished Apr. 27. Class 46.

Chaver Trading Company: *See*—
Grover, L. C.

Chemical Specialties Company: *See*—
Shapiro, Harry.

Church & Dwight Co. Inc., New York, N. Y. Baking soda (bicarbonate of soda). 438,538, Apr. 27; Serial No. 517,704, published Dec. 16, 1947. Class 46.

Clark-Cleveland, Incorporated: *See*—
Clark Cleveland, Inc.
Fasteeth Incorporated.

Clark Cleveland, Inc., by Clark-Cleveland, Incorporated, Binghamton, N. Y. Dental plate powder. 426,357, Dec. 24, 1946. Republished Apr. 27. Class 4.

Clark, D. L., Company, The, Pittsburgh, Pa. Candies. 430,806, June 24, 1947. Republished Apr. 27. Class 46.

Cleveland Trencher Company, The, Cleveland, Ohio. Trench digging machines. 200,091, June 23, 1925. Republished Apr. 27. Class 23.

Cobb Canning Company, Cobb, Wis. Canned sweet peas and early peas. 500,148, Apr. 27; Serial No. 529,234. Class 46.

Commerce Manufacturing Company, Inc., Commerce, Ga. Overalls and men's pants. 415,997, Aug. 21, 1945. Republished Apr. 27. Class 39.

Commerce Manufacturing Company, Inc., Commerce, Ga. Overalls and men's pants. 420,011, Mar. 19, 1946. Republished Apr. 27. Class 39.

Commerce Manufacturing Company, Inc., Commerce, Ga. Overalls and men's pants. 420,511–12, Apr. 16, 1946. Republished Apr. 27. Class 39.

Commerce Manufacturing Company, Inc., Commerce, Ga. Overalls and men's pants. 420,885, May 7, 1946. Republished Apr. 27. Class 39.

Commercial Expansion Corp. of U. S., assignor to H. Loewenthal, New York, N. Y. Wines. 438,533, Apr. 27; Serial No. 514,936, published Jan. 20, 1948. Class 47.

Coralite Dental Products Company, Chicago, Ill. Dental repair compound. 403,308, Sept. 14, 1943. Republished Apr. 27. Class 44.

Coralite Dental Products Company, Chicago, Ill. Dental materials. 405,905, Feb. 29, 1944. Republished Apr. 27. Class 44.

Coralite Dental Products Company, Chicago, Ill. Acrylic teeth. 418,487, Dec. 25, 1945. Republished Apr. 27. Class 44.

Coralite Dental Products Company, Chicago, Ill. Dental materials. 429,762, May 20, 1947. Republished Apr. 27. Class 44.

Cordman Manufacturing Company, Chicago, Ill. Card tables. 378,190, May 28, 1940. Republished Apr. 27. Class 32.

Country Gardens, Inc.: *See*—
Gillett Canning Company.

Craddock-Terry Shoe Corporation: *See*—
United Novelty Shoe Company.

Cranberry Canners, Inc., assignee: *See*—
Ocean Spray Preserving Company.

Cranberry Canners, Inc., South Hanson, by National Cranberry Association, Hanson, Mass. Cranberry juice cocktail. 378,109, May 28, 1940. Republished Apr. 27. Class 45.

Cream Dove Mfg. Co. Inc., Binghamton, N. Y. Peanut butter. 438,523, Apr. 27; Serial No. 512,580, published Jan. 6, 1948. Class 46.

Crest Manufacturing Co., Inc., New York, N. Y. Plumbing supplies. 239,062, renewed Feb. 21, 1948. O. G. Apr. 27. Class 13.

Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France, to Caron Corporation, New York, N. Y. Pastes and powders. 240,071, renewed Mar. 20, 1948. O. G. Apr. 27. Class 6.

Damerel-Allison Company: *See*—
Damerel-Allison Co.

Damerel-Allison Co., to Damerel-Allison Company, Covina, Calif. Fresh citrous fruits. 234,869, renewed Nov. 8, 1947. O. G. Apr. 27. Class 46.

Daumit, Kay, Inc., Chicago, Ill., assignor to Barbara Gould, Inc., New York, N. Y. Cologne. 438,505, Apr. 27; Serial No. 503,973, published Feb. 3, 1948. Class 6.

Del Gaizo, S. P. A. Industria Delle Conserve Alimentari: *See*—
Del Gaizo, Vincenzo.

Del Gaizo, Vincenzo, to Del Gaizo, S. P. A. Industria Delle Conserve Alimentari, Naples, Italy. Tomato-sauce. 67,043, re-renewed Jan. 14, 1948. O. G. Apr. 27. Class 46.

Demi-Tasse, Inc., Boston, Mass. Women's, ladies' and misses' dresses. 383,649, Dec. 17, 1940. Republished Apr. 27. Class 39.

Denton, Dr., Sleeping Garment Mills, by Denton Sleeping Garment Mills, Inc., Centreville, Mich. Sleeping garments. 306,150, Sept. 12, 1933. Republished Apr. 27. Class 39.

Denton Sleeping Garment Mills, Inc.: *See*—
Denton, Dr., Sleeping Garment Mills.

D'Este, Julian, Company, Boston, Mass., to American Chain & Cable Company, Inc., Bridgeport, Conn. Pressure regulators, and other named hardware, etc. 230,461, renewed July 26, 1947. O. G. Apr. 27. Class 13.

Detmer, Bruner & Mason, Inc., New York, N. Y. Woolen and worsted fabrics in the piece. 232,861, renewed Sept. 20, 1947. O. G. Apr. 27. Class 42.

Detrick, M. H., Company, Chicago, Ill. Refractory blocks and tile. 402,279, July 13, 1943. Republished Apr. 27. Class 12.

Detrick, M. H., Company, Chicago, Ill. Refractory blocks and tile. 403,472, Sept. 28, 1943. Republished Apr. 27. Class 12.

Dew Beverage Company, Inc., Kansas City, Mo. Nonalcoholic maltless beverage. 438,547, Apr. 27; Serial No. 522,625, published Jan. 27, 1948. Class 45.

Dill & Collins Co., The, Philadelphia, Pa., to The Mead Corporation, Dayton, Ohio. Surface-coated engraving-paper. 62,344, re-renewed Apr. 30, 1947. O. G. Apr. 27. Class 37.

Ditto, Incorporated, Chicago, Ill. Paper. 239,261, renewed Feb. 28, 1948. O. G. Apr. 27. Class 37.

Diversey Corporation, The: *See*—
Diversey Manufacturing Company.

Diversey Corporation, The, Chicago, Ill. Bottle washing compound. 342,811, Feb. 2, 1937. Republished Apr. 27. Class 4.

Diversey Corporation, The, Chicago, Ill. Cleanser in powdered form. 399,680, Aug. 1, 1939. Republished Apr. 27. Class 4.

Diversey Manufacturing Company, by The Diversey Corporation, Chicago, Ill. Disinfectants, germicides, and sterilizers. 224,577, Mar. 1, 1927. Republished Apr. 27. Class 6.

Diversey Manufacturing Company, by The Diversey Corporation, Chicago, Ill. Cleanser. 262,604, Oct. 15, 1929. Republished Apr. 27. Class 4.

Dix, Henry A., & Sons Company, Millville, N. J., and New York, N. Y., by Henry A. Dix & Sons Corporation, New York, N. Y. Ladies' tub-dresses, house-dresses, and nurses' and waitresses' uniforms. 97,045, May 19, 1914. Republished Apr. 27. Class 39.

Dix, Henry A., & Sons Corporation: *See*—
Dix, Henry A., & Sons Company.

Dix, Henry A., & Sons Corporation, New York, N. Y. Uniforms consisting of dresses adapted for nurses, housemaids, and waitresses. 411,113, Jan. 2, 1945. Republished Apr. 27. Class 39.

Dodge Manufacturing Corporation, Mishawaka, Ind. Power transmission belting. 500,147, Apr. 27; Serial No. 527,008. Class 35.

Dry-Zero Corporation, Chicago, by The Lindsay Corporation, Melrose Park, Ill. Ferrous metal shapes and sheets. 365,622, Mar. 14, 1939. Republished Apr. 27. Class 14.

Duff Manufacturing Company, The, by The Duff-Norton Manufacturing Company, Pittsburgh, Pa. Drop-forged parts. 131,302, May 11, 1920. Republished Apr. 27. Class 14.

Duff-Norton Manufacturing Company, The: *See*—
Duff Manufacturing Company.

Dumari Textile Co. Inc., New York, N. Y. Bias binding, blanket binding, bias fold tape, etc. 422,559, July 30, 1946. Republished Apr. 27. Class 40.

Duranol Products, Inc., Brooklyn, N. Y. Hat boxes, shoe boxes, glove boxes, etc. 438,506, Apr. 27; Serial No. 504,100, published Oct. 7, 1947. Class 2.

Eastman Kodak Company: *See*—
Eastman Kodak Co.

Eastman Kodak Co., to Eastman Kodak Company, Rochester, N. Y. Photographic flash light materials, photographic developing and hardening powders, etc. 67,012, re-renewed Jan. 14, 1948. O. G. Apr. 27. Class 6.

Eau de Cologne- & Parfumerie-Fabrik "Glockengassee No. 4711" gegenuber der Pferdepost von Ferd. Mülhens: *See*—
Mülhens, Paul P.

Elliott Hosiery Co. Inc., to M. Goodman & Son Inc., New York, N. Y. Hosiery and underwear. 235,842, renewed Nov. 29, 1947. O. G. Apr. 27. Class 39.

Emerson, John H., by J. H. Emerson Company, Cambridge, Mass. Oxygen humidifiers. 350,602, Sept. 28, 1937. Republished Apr. 27. Class 44.

Emerson Radio & Phonograph Corporation, New York, N. Y. Radio receiving sets, television receiving sets, radio-television receiving sets, etc. 349,887, Sept. 14, 1937. Republished Apr. 27. Class 21.

Enoch Morgan's Sons Company: *See*—
American Ammone Company.

Esrick, Albert A., St. Petersburg, Fla. Food for cats and dogs. 438,536, Apr. 27; Serial No. 515,870, published Jan. 6, 1948. Class 46.

Eston Chemicals, Inc.: *See*—
Pittsberg Chemical Co.

Factor, Max, doing business as Max Factor & Co., to Max Factor & Co., Los Angeles, Calif. Theatrical make-ups. 241,483, renewed May 1, 1948. O. G. Apr. 27. Class 6.

Factor, Max, & Co.: *See*—
Factor, Max.

Fahrney, Dr. Peter, & Sons Co., Chicago, Ill. Preparation for acute, relaxed and disturbed conditions of the stomach and bowels. 377,478, May 7, 1940. Republished Apr. 27. Class 6.

Famous-Sternberg, Inc., New Orleans, La. Men's and boys' suits. 338,838, Sept. 15, 1936. Republished Apr. 27. Class 39.

Famous-Sternberg, Inc., New Orleans, La. Men's and boys' suits and pants. 365,614, Mar. 14, 1939. Republished Apr. 27. Class 39.

Fashion Park Associates, Inc., by Fashion Park, Inc., Rochester, N. Y. Coats, vests, pants, and overcoats. 289,235, Nov. 24, 1931. Republished Apr. 27. Class 39.

Fashion Park, Inc.: *See*—
Fashion Park Associates, Inc.
Fashion Park Manufacturing Corporation.

Fashion Park Inc., by Fashion Park, Inc., Rochester, N. Y. Men's coats, vests, pants, and overcoats. 229,257, June 21, 1927. Republished Apr. 27. Class 39.

Fashion Park, Inc., Rochester, N. Y. Men's coats, vests, pants, etc. 415,807, Aug. 14, 1945. Republished Apr. 27. Class 39.

Fashion Park, Inc., Rochester, N. Y. Coats, vests, pants, etc. 416,902, Oct. 2, 1945. Republished Apr. 27. Class 39.

Fashion Park Manufacturing Corporation, by Fashion Park, Inc., Rochester, N. Y. Coats, vests, pants, and overcoats. 348,093, July 13, 1937. Republished Apr. 27. Class 39.

Fashion Park Manufacturing Corporation, by Fashion Park, Inc., Rochester, N. Y. Men's topcoats and overcoats. 349,034, Aug. 17, 1937. Republished Apr. 27. Class 39.

Fasteeth Incorporated, by Clark-Cleveland, Incorporated, Binghamton, N. Y. Preparation for securing dental plates in place. 331,872, Jan. 21, 1936. Republished Apr. 27. Class 6.

Fasteeth, Incorporated, by Clark-Cleveland, Incorporated, Binghamton, N. Y. Dental plate powder. 373,915, Dec. 26, 1939. Republished Apr. 27. Class 6.

Fasteeth, Incorporated, by Clark-Cleveland, Incorporated, Binghamton, N. Y. Dental plate powder. 373,925, Dec. 26, 1939. Republished Apr. 27. Class 6.

Fear, Fred & Co., Brooklyn, N. Y. Paper stickers in the nature of cut-out parts. 398,130, Oct. 13, 1942. Republished Apr. 27. Class 37.

Federal Electric Company, Inc., Chicago, Ill. Oil well drilling bits, wrenches, pipe threaders and trimmers, etc. 418,215, Dec. 11, 1945. Republished Apr. 27. Class 23.

Fire Creek Coal Company, Inc., New York, N. Y. Export coal. 233,872–3, renewed Oct. 11, 1947. O. G. Apr. 27. Class 1.

Fischer & Porter Company, Philadelphia, Pa., by Fischer & Porter Company, Hatboro, Pa. Fluid flow meters. 386,553, Apr. 15, 1941. Republished Apr. 27. Class 26.

Fletcher, G. G., & Sons, Yuma, Ariz. Fresh vegetables. 438,552, Apr. 27; Serial No. 523,833, published Jan. 13, 1948. Class 46.

Flower Foods, Inc., Maywood, Ill. Composition containing chemical ingredients for strengthening, sterilizing, etc. 425,514, Nov. 26, 1946. Republished Apr. 27. Class 6.

Fluid Heat Corp., The, to Anchor Post Products, Inc., Baltimore, Md. Oil burners. 227,374, renewed May 3, 1947. O. G. Apr. 27. Class 34.

Foley Greenhouse Manufacturing Co., The, Forest Park, Ill. Greenhouse ventilating apparatus for opening and closing the ventilators in the roofs or sides of greenhouses. 311,713, Apr. 3, 1934. Republished Apr. 27. Class 34.

Folkard & Lawrence, Inc., New York, N. Y. Piece goods. 347,149, June 15, 1937. Republished Apr. 27. Class 42.

Folkard & Lawrence, Inc., New York, N. Y. Woolen flannel piece goods. 366,336, Apr. 11, 1939. Republished Apr. 27. Class 42.

Fondeville, A. J., & Co.: *See*—
Fondeville, Eugene L.

Fondeville & Co., Inc.: *See*—
Fondeville, Eugene L.

Fondeville, Eugene L., doing business as A. J. Fondeville & Co., by Fondeville & Co., Inc., New York, N. Y. Porcelain ware. 234,917–18, Nov. 8, 1927. Republished Apr. 27. Class 30.

Ford Motor Company: *See*—
Lincoln Motor Company.

Forrey, Ralph, doing business as Omak Evaporating Company, Omak, Wash. Dried fruits and vegetables. 438,527, Apr. 27; Serial No. 513,658, published Jan. 6, 1948. Class 46.

Franco Corset Company: *See*—
Franco Corset Company, Inc.

Franco Corset Company, Inc., by Franco Corset Company, New York, N. Y. Corsets. 101,627, Jan. 5, 1915. Republished Apr. 27. Class 39.

Franco Corset Company, Inc., by Franco Corset Company, New York, N. Y. Corsets and brassières. 205,585, Nov. 10, 1925. Republished Apr. 27. Class 39.

French Sardine Company of California, The, Terminal Island, Calif. Canned fish. 238,737, renewed Feb. 14, 1948. O. G. Apr. 27. Class 46.

Futter, Carl A., doing business as The Carlay Company, by Carl A. Futter, Chicago, Ill. Candy. 424,007, Sept. 17, 1946. Republished Apr. 27. Class 46.

Garlock Packing Company, The, Palmyra, N. Y. Packing and packing materials. 180,820, renewed Jan. 5, 1948. O. G. Apr. 27. Class 35.

Gates Rubber Company, The, Denver, Colo. Camelback. 438,507, Apr. 27; Serial No. 504,266, published Jan. 27, 1948. Class 35.

Gates Rubber Company, The, Denver, Colo. Flat power transmission belts. 438,513, Apr. 27; Serial No. 508,154, published Feb. 3, 1948. Class 35.

Gaylord-Shelton, Inc.: *See*—
Shelton, W. G., Company.

General Aniline & Film Corporation, assignee: *See*—
Agfa Ansco Corporation.

General Aniline & Film Corporation, New York, N. Y. Chemicals, preparations, and compounds thereof. 417,838, Nov. 20, 1945. Republished Apr. 27. Class 6.

General Industries Company, The, Elyria, Ohio. Electric motors, electric record changers, etc. 409,923–5, Oct. 31, 1944. Republished Apr. 27. Class 21.

General Industries Company, The, Elyria, Ohio. Electrically operated phonographs of the domestic type and parts thereof. 429,756, May 20, 1947. Republished Apr. 27. Class 21.

General Tire & Rubber Company, The: *See*—
India Tire and Rubber Company, The.

General Tire & Rubber Company, The, Akron, Ohio. Belting, hose, machinery packing, etc. 152,006, renewed Jan. 5, 1948. O. G. Apr. 27. Class 35.

General Tire & Rubber Company, The, Akron, Ohio. Storage batteries. 350,059, Sept. 14, 1937. Republished Apr. 27. Class 21.

General Tire & Rubber Company, The, Akron, Ohio. Vehicle tires of rubber and fabric, inner tubes for vehicle tires, repair patches of rubber and rubber and fabric. 371,904, Oct. 10, 1939. Republished Apr. 27. Class 35.

Gillett Canning Company, Gillett, Wis., by Country Gardens, Inc., Milwaukee, Wis. Canned vegetables. 371,140, Sept. 19, 1939. Republished Apr. 27. Class 46.

Ginsberg, Max I., doing business as Los Angeles Saratoga Chip Co., by Bell Brand Foods Ltd., Los Angeles, Calif. Shoe-string potatoes. 228,444, May 31, 1927. Republished Apr. 27. Class 46.

Gits Molding Corporation, Chicago, Ill. Pocket knives, razor knives, and spoons. 436,124, Jan. 20, 1948. Corrected. O. G. Apr. 27. Class 23.

Gladding, B. F., & Co., Inc., South Otselic, N. Y. Fishing lines. 500,131, Apr. 27; Serial No. 527,067, published Jan. 20, 1948. Class 22.

Gladding, B. F., & Co. Inc., South Otselic, N. Y. Fishing lines. 500,132, Apr. 27; Serial No. 527,079, published Jan. 20, 1948. Class 22.

Globe-Union Inc.: *See*—
Central Radio Laboratories.

Globe-Wernicke Company, The, by The Globe-Wernicke Company, Cincinnati, Ohio. Document-files. 64,493, Aug. 13, 1907. Republished Apr. 27. Class 37.

Golden Nugget Sweets Ltd., San Francisco, Calif. Chocolate coated candy bars. 422,918, Aug. 20, 1946. Republished Apr. 27. Class 46.

Goodman, M., & Son Inc.: *See*—
Elliott Hosiery Co. Inc.

Gottfried Company, The, Cleveland, Ohio. Ladies' dresses. 366,375, Apr. 11, 1939. Republished Apr. 27. Class 39.

Gould, Barbara, Inc., assignee: *See*—
Daumit, Kay, Inc.

Grady-Travers Company, Incorporated, The: *See*—
Reid, Alexander F.

Gramercy Toy Co., New York, N. Y. Stuffed toy dogs. 438,501, Apr. 27; Serial No. 497,711, published Jan. 20, 1948. Class 22.

Gray, Dorothy A., Amenia, N. Y. Preparation used for feminine hygiene having antiseptic properties. 365,845, Mar. 21, 1939. Republished Apr. 27. Class 6.

Gray, Julia C., Washington, D. C. Dolls. 438,554, Apr. 27; Serial No. 488,088. Class 22.

Great Atlantic & Pacific Tea Company, The, New York, N. Y. Tea. 500,136, Apr. 27; Serial No. 527,361, published Jan. 20, 1948. Class 46.

Great Atlantic & Pacific Tea Company, The, New York, N. Y. Candy. 500,137, Apr. 27; Serial No. 527,475, published Jan. 20, 1948. Class 46.

Greenhill & Daniel, Brooklyn, to Greenhill & Daniel Co., New York, N. Y. Bathing suits. 229,253, renewed June 21, 1947. O. G. Apr. 27. Class 39.

Greenhill & Daniel Co.: *See*—
Greenhill & Daniel.

Grover, L. C., doing business as Chaver Trading Company, San Francisco, Calif. Canned vegetables. 438,530, Apr. 27; Serial No. 514,705, published Dec. 16, 1947. Class 46.

Haloid Company, The, Rochester, N. Y. Light sensitive paper. 359,065, Aug. 2, 1938. Republished Apr. 27, Class 26.

Haloid Company, The, Rochester, N. Y. Light sensitive paper and film. 366,527, Apr. 18, 1939. Republished Apr. 27. Class 26.

Hammond, W. A., doing business as W. A. Hammond Drierite Company, Yellow Springs, Ohio. Chemical desiccants. 382,102, Oct. 15, 1940. Republished Apr. 27. Class 6.

Hammond, W. A., Drierite Company: *See*—
Hammond, W. A.

Hansen Glove Corporation: *See*—
Hansen, O. C., Mfg. Co.

Hansen Glove Corporation, Milwaukee, Wis. Leather and fabric gloves. 362,259, Nov. 15, 1936. Republished Apr. 27. Class 39.

Hansen, O. C., Mfg. Co., to Hansen Glove Corporation, Milwaukee, Wis. Men's unlined, knitted wool-lined, silk-lined, lamb-lined, and fur-lined leather gloves. 242,747, renewed June 5, 1948. O. G. Apr. 27. Class 39.

Hanson Brothers Scale Company, by Hanson Scale Company, Chicago, Ill. Weighing scales. 210,069, Mar. 9, 1926. Republished Apr. 27. Class 26.

Hanson Scale Company: *See*—
Hanson Brothers Scale Company.

Harks, Walter, doing business as Black Magic Products Company, assignor to Bowser, Inc., by Bowser, Inc., Fort Wayne, Ind. Adhesive pipe sealing compound and gasket cement. 412,769, Mar. 27, 1945. Republished Apr. 27. Class 5.

Harrower Laboratory, Inc., The, Glendale, Calif. Sterile solution. 500,143, Apr. 27; Serial No. 529,262, published Feb. 3, 1948. Class 6.

Hartmann Company: *See*—
Hartmann Trunk Company.

Hartmann Trunk Company, by Hartmann Company, Racine, Wis. Wardrobe trunks, taxi and steamer trunks, hand and shoe trunks, etc. 291,891, Feb. 23, 1932. Republished Apr. 27. Class 3.

Hartmann Trunk Company, by Hartmann Company, Racine, Wis. Suitcases and hand luggage cases. 389,606, Aug. 12, 1941. Republished Apr. 27. Class 3.

Hauserman, E. F., Company, The, Cleveland, Ohio. Removable partitions, metal partitions, structural parts of such partitions and fittings therefor; etc. 322,752, Mar. 19, 1935. Republished Apr. 27. Class 12.

Hearst Consolidated Publications, Inc.: *See*—
Baltimore Publishing Company, The.

Hefner, George D.: *See*—
Traf-O-Lite.

Heppenstall Company: *See*—
Heppenstall Forge & Knife Company.

Heppenstall Forge & Knife Company, by Heppenstall Company, Pittsburgh, Pa. Shear-knives and die-blocks. 98,775, Aug. 4, 1914. Republished Apr. 27. Class 23.

Heppenstall Forge and Knife Company, by Heppenstall Company, Pittsburgh, Pa. Shear knives. 211,435, Apr. 13, 1926. Republished Apr. 27. Class 23.

Heppenstall Forge & Knife Company, to Heppenstall Company, Pittsburgh, Pa. Steel forgings. 233,787, renewed Oct. 11, 1947. O. G. Apr. 27. Class 14.

Hess, Frank, doing business as Hess Hair Milk Laboratories, St. Paul, Minn. Hair tonic and dandruff remedy. 188,445, Aug. 26, 1924. Republished Apr. 27. Class 6.

Hess Hair Milk Laboratories: *See*—
Hess, Frank.

Heurich, Chr., Brewing Company, Washington, D. C. Malt beverages. 308,274, Nov. 28, 1933. Republished Apr. 27. Class 48.

Hi-Bred Corn Company, The, to Pioneer Hi-Bred Corn Company, Des Moines, Iowa. Seed corn. 228,665, renewed June 7, 1947. O. G. Apr. 27. Class 1.

Hoberg Paper & Fibre Company, to Hoberg Paper Mills, Inc., Green Bay, Wis. Paper wadding. 229,517, renewed June 28, 1947. O. G. Apr. 27. Class 44.

Hoberg Paper Mills, Inc.: *See*—
Hoberg Paper & Fibre Compnay.

Hookless Fastener Company, by Talon, Inc., Meadville, Pa. Separable fasteners of the slider controlled type. 243,746, June 26, 1928. Republished Apr. 27. Class 13.

Houston Packing Company, Houston, Tex. Hams, picnics, Boston butts, etc. 300,381, Jan. 8, 1934. Republished Apr. 27. Class 46.

Houston Packing Company, Houston, Tex. Vegetable shortening. 339,077, Sept. 22, 1936. Republished Apr. 27. Class 46.

Houston Packing Company, Houston, Tex. Butter. 340,865, Nov. 24, 1936. Republished Apr. 27. Class 46.

Houston Packing Company, Houston, Tex. Dog food. 365,307, Mar. 7, 1939. Republished Apr. 27. Class 46.

HumKo Company, The, Memphis, Tenn. Popcorn seasoning. 438,551, Apr. 27; Serial No. 523,385, published Dec. 2, 1947. Class 46.

Ideal Shoe Mfg. Co., by Mid-States Shoe Company, Milwaukee, Wis. Shoes. 245,212, Aug. 7, 1928. Republished Apr. 27. Class 39.

Ideal Shoe Manufacturing Co., by Mid-States Shoe Company, Milwaukee, Wis. Boots and shoes. 253,700, Mar. 5, 1929. Republished Apr. 27. Class 39.

Ideal Shoe Manufacturing Co., by Mid-States Shoe Company, Milwaukee, Wis. Boots and shoes. 277,053, Nov. 4, 1930. Republished Apr. 27. Class 39.

India Tire and Rubber Company, The, Akron and Mogadore, to The General Tire & Rubber Company, Akron, Ohio. Resilient tires, and inner tubes, etc. 146,648, renewed Jan. 5, 1948. O. G. Apr. 27. Class 35.

Infilco Incorporated, Chicago, Ill. Activated sludge type sewage treating plants and parts thereof. 414,439, June 12, 1945. Republished Apr. 27. Class 23.

Infilco Incorporated, Chicago, Ill. Automatic apparatus. 416,223, Sept. 4, 1945. Republished Apr. 27. Class 26.

Inglenook Vineyard Co., Rutherford, assignor to Buena Vista Vineyards, Sonoma, Calif. Wines. 438,515, Apr. 27; Serial No. 508,530, published Jan. 27, 1948. Class 47.

International Silver Company, The: *See*—
International Silver Co.

International Silver Co., Bridgeport and Meriden, to The International Silver Company, Meriden, Conn. Silver-plated flat tableware. 201,810, renewed Jan. 5, 1948. O. G. Apr. 27. Class 28.

Irving, John, Shoe Corporation, Boston, Mass. Hosiery. 384,490, Jan. 21, 1941. Republished Apr. 27. Class 39.

Jackes-Evans Manufacturing Company, St. Louis, Mo. Stovepipe, including elbows, T joints, reducers, etc. 270,398, May 6, 1930. Republished Apr. 27. Class 34.

Jackson Iron & Steel Company, Jackson, Ohio. Pig iron, high silicon cast iron pigs and fragments thereof. 500,124, Apr. 27; Serial No. 516,132, published Jan. 27, 1948. Class 14.

Jaffray Food Products Co., Los Angeles, Calif. Frozen dressed rabbit. 438,524, Apr. 27; Serial No. 512,672, published Jan. 13, 1948. Class 46.

Jamison, Edward S., New York, N. Y. Men's socks. 411,675, Jan. 30, 1945. Republished Apr. 27. Class 39.

Jenkins, George O. Company, Bridgewater, Mass. Sheet leatherboard and fiberboard. 398,166, Oct. 13, 1942. Republished Apr. 27. Class 1.

Johnson, Aaron E., Minneapolis, Minn. Finger rings. 188,767, Sept. 2, 1924. Republished Apr. 27. Class 28.

Johnson, S. C., & Son, by S. C. Johnson & Son, Inc., Racine, Wis. Powdered wax, prepared wax, wood-dye, paste wood-filler, etc. 106,108, Oct. 12, 1915. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, by S. C. Johnson & Son, Inc., Racine, Wis. Oil and spirit stains, varnish stain, varnish, etc. 230,757, Aug. 2, 1927. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, by S. C. Johnson & Son, Inc., Racine, Wis. Paint enamels and undercoats. 298,966, Nov. 15, 1932. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, by S. C. Johnson & Son, Inc., Racine, Wis. Paint enamels and undercoats. 298,967, Nov. 15, 1932. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, by S. C. Johnson & Son, Inc., Racine, Wis. Paints and undercoats. 299,289, Nov. 29, 1932. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, by S. C. Johnson & Son, Inc., Racine, Wis. Polish. 300,218, Jan. 10, 1933. Republished Apr. 27. Class 4.

Johnson, S. C., & Son, by S. C. Johnson & Son, Inc., Racine, Wis. Wax. 300,874, Feb. 14, 1933. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, by S. C. Johnson & Son, Inc., Racine, Wis. Polishing wax. 301,319, Feb. 28, 1933. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, assignor to S. C. Johnson & Son, Inc., by S. C. Johnson & Son, Inc., Racine, Wis. Polishing wax. 304,665, July 11, 1933. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, assignor to S. C. Johnson & Son, Inc., by S. C. Johnson & Son, Inc., Racine, Wis. Wax. 310,728, Mar. 6, 1934. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, assignor to S. C. Johnson & Son, Inc., by S. C. Johnson & Son, Inc., Racine, Wis. Polishing wax. 320,878, Jan. 15, 1935. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, Inc.: *See*—
Johnson, S. C., & Son.

Johnson, S. C., & Son, Inc., Racine, Wis. Wax. 305,536, Aug. 22, 1933. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, Inc., Racine, Wis. Paint undercoats and priming coats. 311,434, Mar. 20, 1934. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, Inc., Racine, Wis. Wax. 316,337, Aug. 21, 1934. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, Inc., Racine, Wis. Mops and dusters. 319,479, Nov. 27, 1934. Republished Apr. 27. Class 29.

Johnson, S. C., & Son, Inc., Racine, Wis. Paint enamels and liquid polish. 321,364, Jan. 29, 1935. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, Inc., Racine, Wis. Sheets of fabric having on one side a coating of glue for the purpose of affixing it to the underside of rugs, etc. 321,778, Feb. 12, 1935. Republished Apr. 27. Class 5.

Johnson, S. C., & Son, Inc., Racine, Wis. Wax. 336,189, June 30, 1936. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, Inc., Racine, Wis. Liquid wax polish. 336,511, July 7, 1936. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, Inc., Racine, Wis. Liquid polish. 344,112, Mar. 16, 1937. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, Inc., Racine, Wis. Wax for coating and polishing wood, metal, and other surfaces, and lacquer. 345,368, Apr. 27, 1937. Republished Apr. 27. Class 16.

Johnson, S. C., Son, Inc., Racine, Racine, Wis. Liquid wax polish. 349,170, Aug. 24, 1937. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, Inc., Racine, Wis. Cleaner. 367,297, May 9, 1939. Republished Apr. 27. Class 4.

Johnson, S. C., & Son, Inc., Racine, Wis. Liquid polish. 367,325, May 9, 1939. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, Inc., Racine, Wis. Varnish. 370,447, Aug. 29, 1939. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, Inc., Racine, Wis. Liquid wax polish. 399,112–13, Dec. 15, 1942. Republished Apr. 27. Class 16.

Johnson, S. C., & Son, Inc., Racine, Wis. Cleaner. 400,242, Feb. 23, 1943. Republished Apr. 27. Class 4.

Johnson, S. C., & Son, Inc., Racine, Wis. Electric floor polishing machines. 401,763, June 8, 1943. Republished Apr. 27. Class 21.

Johnson, S. C., & Son, Inc., Racine, Wis. Aqueous and nonaqueous wax emulsions. 402,064, June 29, 1943. Republished Apr. 27. Class 6.

Johnson, S. C., & Son, Inc., Racine, Wis. Aqueous and nonaqueous wax emulsions which make absorbative fibrous and non-fibrous materials waterproof and water repellent. 402,601, Aug. 3, 1943. Republished Apr. 27. Class 4.

Johnson, S. C., & Son, Inc., Racine, Wis. Electric floor polishing machines. 402,849, Aug. 17, 1943. Republished Apr. 27. Class 21.

Johnson, S. C., & Son, Inc., Racine, Wis. Aqueous and nonaqueous wax emulsions. 416,291, Sept. 4, 1945. Republished Apr. 27. Class 6.

Jones, Vess, doing business as The Whistle Company of America, Inc., New York, N. Y., to Vess Dry Company of Ohio, Columbus, Ohio. Nonalcoholic beverages. 231,880, renewed Aug. 30, 1947. O. G. Apr. 27. Class 45.

Jung Arch Brace Co., The, Cincinnati, Ohio. Knee pads and elbow pads. 438,526, Apr. 27; Serial No. 513,623, published Sept. 30, 1947. Class 22.

Kabo Corset Company: *See*—
Kabo Corset Co.

Kabo Corset Co., by Kabo Corset Company, Chicago, Ill. Brassières and children's underwaists. 115,891, Mar. 20, 1917. Republished Apr. 27. Class 39.

Kabo Corset Company, Chicago, Ill. Corsets, girdles, and brassières. 336,533, July 7, 1936. Republished Apr. 27. Class 39.

Kabo Corset Company, Chicago, Ill. Corsets, girdles, foundation garments, brassières, and combinations. 380,558, Aug. 27, 1940. Republished Apr. 27. Class 39.

Kaiser Pen Co., The, Cleveland, Ohio. Fountain pens and mechanical pencils. 500,146, Apr. 27; Serial No. 508,115. Class 37.

Kasco Mills, Inc., Toledo, Ohio. Dog ration. 402,976, Aug. 24, 1943. Republished Apr. 27. Class 46.

Kasco Mills, Inc., Waverly, N. Y. Dog ration or dog food. 403,888, Oct. 19, 1943. Republished Apr. 27. Class 46.

Keasbey & Mattison Company, Ambler, Pa. Asbestos boards, asbestos sheets, asbestos lumber, etc. 344,320, Mar. 16, 1937. Republished Apr. 27. Class 12.

Keasbey & Mattison Company, Ambler, Pa. Packings and gaskets. 358,002, June 21, 1938. Republished Apr. 27. Class 35.

Keasbey & Mattison Company, Ambler, Pa. Asbestos cements, asbestos papers, asbestos shingles, composition shingles, etc. 359,222, Aug. 9, 1938. Republished Apr. 27. Class 12.

Keasbey & Mattison Company, Ambler, Pa. Magnesia carbonate. 359,263, Aug. 9, 1938. Republished Apr. 27. Class 6.

Keasbey & Mattison Company, Ambler, Pa. Magnesium carbonate and magnesium oxide. 366,922, May 22, 1939. Republished Apr. 27. Class 6.

Keasbey & Mattison Company, Ambler, Pa. Asbestos textiles, comprising asbestos thread, asbestos yarn, etc. 369,423, July 25, 1939. Republished Apr. 27. Class 43.

Keasbey & Mattison Company, Ambler, Pa. Magnesium carbonate and magnesium oxide. 373,963, Dec. 26, 1939. Republished Apr. 27. Class 6.

Keasbey & Mattison Company, Ambler, Pa. Asbestos textile, comprising asbestos thread, asbestos yarn, etc. 375,710, Feb. 27, 1940. Republished Apr. 27. Class 43.

Keasbey & Mattison Company, Ambler, Pa. Asbestos cloth. 377,333, Apr. 30, 1940. Republished Apr. 27. Class 50.

Keasbey & Mattison Company, Ambler, Pa. Asbestos-cement pipes, asbestos-cement bends, asbestos-cement elbows, etc. 385,759, Mar. 18, 1941. Republished Apr. 27. Class 12.

Keasbey & Mattison Company, Ambler, Pa. Background paper sheets. 387,292, May 13, 1941. Republished Apr. 27. Class 37.

Keasbey & Mattison Company, Ambler, Pa. Asbestos cement conduit and duct and asbestos cement couplings and fittings. 389,672, Aug. 19, 1941. Republished Apr. 27. Class 21.

Kee Lox Manufacturing Company, Rochester, N. Y. Carbon papers and typewriter ribbons. 388,211, June 17, 1941. Republished Apr. 27. Class 11.

Kelco Company, San Diego, Calif. Algin-emulsifier composition. 438,544, Apr. 27; Serial No. 522,221, published Dec. 30, 1947. Class 46.

Keller, Heumann & Thompson Company, Inc., by Timely Clothes, Inc., Rochester, N. Y. Men's and young men's suits. 265,222, Dec. 17, 1929. Republished Apr. 27. Class 39.

Keller, Heumann & Thompson Company, Inc., by Timely Clothes, Inc., Rochester, N. Y. Men's overcoats. 350,504, Sept. 28, 1937. Republished Apr. 27. Class 39.

Kelling Nut Co., The, Chicago, Ill. Salted, candied, and plain nut meats. 377,221, Apr. 23, 1940. Republished Apr. 27. Class 46.

Kelman, Jack H.: *See*—
Carnogy, Gail, Incorporated.

Kendall Refining Company, Bradford, Pa. Viscous oils and petrolatum waxes. 427,252, Feb. 4, 1947. Republished Apr. 27. Class 15.

Kendall Refining Company, Bradford, Pa. Liquid petroleum hydrocarbon solvents. 428,125, Mar. 11, 1947. Republished Apr. 27. Class 6.

Keystone Fence Company, to Keystone Steel & Wire Company, Peoria, Ill. Wire fence. 62,025, re-renewed Apr. 16, 1947. O. G. Apr. 27. Class 13.

Keystone Fence Company, to Keystone Steel & Wire Company, Peoria, Ill. Wire fence. 62,313, re-renewed Apr. 30, 1947. O. G. Apr. 27. Class 13.

Keystone Steel & Wire Company: *See*—
Keystone Fence Company.

Kidde Manufacturing Co., Inc.: *See*—
Kidde, Walter, Sales Company.
Nu-Whip Corp.

Kidde, Walter, Sales Company, by Kidde Manufacturing Co., Inc., Bloomfield, N. J. Syphons and gas containers. 331,685, Jan. 14, 1936. Republished Apr. 27. Class 2.

Kiewel Brewing Company, Little Falls, Minn. Beer. 385,098, Feb. 18, 1941. Republished Apr. 27. Class 48.

Kilgore Seed Company, The, Plant City, Fla. Garden and field seeds, bulbs, and plants. 275,437, Sept. 23, 1930. Republished Apr. 27. Class 1.

Kingan & Co. Incorporated, Indianapolis, Ind. Tripe, dried beef, etc. 337,336, Aug. 4, 1936. Republished Apr. 27. Class 46.

Kinnear Manufacturing Company, The, Columbus, Ohio. Doors. 327,278, Aug. 20, 1935. Republished Apr. 27. Class 12.

Kirchner Beverage Co.: *See*—
Kirchner, Clarence E.

Kirchner, Clarence E., doing business as Kirchner Beverage Co., Solon, Ohio. Non-alcoholic, non-cereal, maltless beverages. 438,557, Apr. 27; Serial No. 520,876. Class 45.

Knapp-Monarch Company, St. Louis, Mo. Syphon bottles. 438,535, Apr. 27; Serial No. 515,769, published Jan. 20, 1948. Class 2.

Kraft Foods Company, Chicago, Ill. Feed supplement. 438,521, Apr. 27; Serial No. 512,124, published Jan. 6, 1948. Class 46.

Ladner, J. J., Poplarville, Miss. Poultry mixture for the prevention of parasites. 438,532, Apr. 27; Serial No. 514,824, published Feb. 3, 1948. Class 6.

La Maur Products, Inc., Minneapolis, Minn. Shampoo, hair lacquer, and cream rinse. 438,537, Apr. 27; Serial No. 516,422, published Dec. 23, 1947. Class 6.

Lamcote, Incorporated, by Arvey Corporation, Chicago, Ill. Cartons, packages, boxes, etc. 353,482, Jan. 11, 1938. Republished Apr. 27. Class 2.

Lane, Limited, New York, N. Y. Cigarettes and smoking tobacco. 438,545, Apr. 27; Serial No. 522,541, published Feb. 3, 1948. Class 17.

Lane, Limited, New York, N. Y. Smoking tobacco and cigarettes. 438,546, Apr. 27; Serial No. 522,542, published Feb. 3, 1948. Class 17.

Lanteen Medical Laboratories, Inc., Chicago, Ill. Preparation in tablet form. 438,522, Apr. 27; Serial No. 512,513, published July 22, 1947. Class 6.

Laucks, I. F., Inc., Seattle, Wash., by Monsanto Chemical Company, St. Louis, Mo. Under or priming coat. 349,902, Sept. 14, 1937. Republished Apr. 27. Class 16.

Law, Edwin F., Lancaster, Pa., by Bayuk Cigars Incorporated, Philadelphia, Pa. Cigars. 23,874, Nov. 28, 1893. Republished Apr. 27. Class 17.

Lincoln Motor Company, Highland Park, Mich., to Ford Motor Company, Dearborn, Mich. Motor cars. 170,692, renewed Jan. 5, 1948. O. G. Apr. 27. Class 19.

Lindsay Corporation, The: *See*—
Dry-Zero Corporation.

Lion Oil Company, El Dorado, Ark. Fertilizers. 500,123, Apr. 27; Serial No. 512,185, published Feb. 3, 1948. Class 10.

Little Dutch Candy Mill, to The Little Dutch Candy Mill Corporation, Chicago, Ill. Candy and confections. 237,437, renewed Jan. 10, 1948. O. G. Apr. 27. Class 46.

Little Dutch Candy Mill Corporation, The: *See*—
Little Dutch Candy Mill.

Lloyd-Sargent Co.: *See*—
McMath, John N., Co.

Loewenstein, Max, to Magic Polish Co., Inc., New York, N. Y. Metal-polish. 66,229, re-renewed May 26, 1948. O. G. Apr. 27. Class 4.

Loewenthall, Hugo, assignee: *See*—
Commercial Expansion Corp. of U. S.

London House, Ltd., by John Hudson Moore, Inc., New York, N. Y. Smokers' pipes. 337,877, Aug. 25, 1936. Republished Apr. 27. Class 8.

London House, Ltd., by John Hudson Moore, Inc., New York, N. Y. Pipes. 369,342, July 18, 1939. Republished Apr. 27. Class 8.

London, Midland & Scottish Imports Ltd., New York, N. Y. Woolen and tweed piece goods. 349,864, Sept. 7, 1937. Republished Apr. 27. Class 42.

Long, Dorothy A., Amenia, N. Y. Salve. 408,543, Aug. 15, 1944. Republished Apr. 27. Class 6.

Lorillard, P., Company, New York, N. Y. Cigarettes and smoking tobacco. 238,664, renewed Feb. 14, 1948. O. G. Apr. 27. Class 17.

Los Angeles Saratoga Chip Co.: *See*—
Ginsberg, Max I.

Louis, M.: *See*—
Napolitan, Louis.

Macclatchie Manufacturing Company of California, Compton, Calif. Liners for pumps. 355,383, Mar. 15, 1938. Republished Apr. 27. Class 23.

Macclatchie Manufacturing Company of California, Compton, Calif. Valves. 362,875, Dec. 6, 1938. Republished Apr. 27. Class 23.

Maggi Co., Inc., New York, N. Y. Soup tablets. 303,001, May 9, 1933. Republished Apr. 27. Class 46.

Maggi Co., Inc., New York, N. Y. Seasonings. 304,810, July 18, 1933. Republished Apr. 27. Class 46.

Maggi Co., Inc., New York, N. Y. Seasonings. 313,815, June 12, 1934. Republished Apr. 27. Class 46.

Maggi Co., Inc., New York, N. Y. Seasonings. 332,876, Mar. 3, 1936. Republished Apr. 27. Class 46.

Maggi Co., Inc., New York, N. Y. Bouillon cubes and granulated bouillon. 353,948, Jan. 25, 1938. Republished Apr. 27. Class 46.

Maggi Co., Inc., New York, N. Y. Bouillon cubes. 353,949–50, Jan. 25, 1938. Republished Apr. 27. Class 46.

Maggi Co., Inc., New York, N. Y. Foods and ingredients of foods. 357,475, June 7, 1938. Republished Apr. 27. Class 46.

Maggi Co., Inc., New York, N. Y. Foods and ingredients of foods, etc. 366,165, Apr. 4, 1939. Republished Apr. 27. Class 46.

Maggi Co., Inc., New York, N. Y. Foods and ingredients of foods. 366,620, Apr. 25, 1939. Republished Apr. 27. Class 46.

Maggi Co., Inc., New York, N. Y. Foods and ingredients of foods. 368,818–19, July 4, 1939. Republished Apr. 27. Class 46.

Maggi Co., Inc., New York, N. Y. Foods and ingredients of foods. 368,827, July 4, 1939. Republished Apr. 27. Class 46.

Magic Polish Co., Inc.: *See*—
Loewenstein, Max.

Maico Company, Incorporated, The, Minneapolis, Minn. Electronic stethoscopes. 412,721, Mar. 20, 1945. Republished Apr. 27. Class 44.

Makransky, S., & Sons, Philadelphia, Pa., assignors to Rogers Peet Company, by Rogers Peet Company, New York, N. Y. Suits, coats, vests, etc. 342,520, Jan. 19, 1937. Republished Apr. 27. Class 39.

Mallinckrodt Chemical Works, St. Louis, Mo. Mixture of corrosive sublimate and hydrochloric acid. 314,319, June 26, 1934. Republished Apr. 27. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Substituted oxazolidinediones and salts thereof. 500,127, Apr. 27; Serial No. 526,868, published Jan. 27, 1948. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Tetraiodphenolphthalein sodium salt. 500,129, Apr. 27; Serial No. 526,936, published Jan. 20, 1948. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Mixture, which is applied to grass for the treatment of brown patch. 500,130, Apr. 27; Serial No. 526,949, published Jan. 27, 1948. Class 6.

Maltex Company, Burlington, Vt. Breakfast cereal and cowfeed. 438,531, Apr. 27; Serial No. 514,712, published Jan. 13, 1948. Class 46.

Maltex Company, Burlington, Vt. Breakfast cereal. 438,534, Apr. 27; Serial No. 515,502, published Jan. 13, 1948. Class 46.

Manning, Maxwell & Moore, Incorporated: *See*—
United Injector Co., The.

Maramor Company, The, Columbus, Ohio. Candies, cakes, bread, etc. 260,337, Aug. 20, 1929. Republished Apr. 27. Class 46.

Marlo Lab., Inc., Philadelphia, Pa. Penicillin product. 438,514, Apr. 27; Serial No. 508,299, published Dec. 9, 1947. Class 6.

Martell's Wine & Liquor Co., Inc., New York, N. Y. Gin. 438,548, Apr. 27; Serial No. 522,934, published Jan. 27, 1948. Class 49.

Mason Box Company, The, Attleboro Falls, Mass. Paper, paper board, boxboard, etc. 353,766, Jan. 18, 1938. Republished Apr. 27. Class 2.

Matthews, W. N., Corporation, St. Louis, Mo. Lightning protection devices. 376,711, Apr. 2, 1940. Republished Apr. 27. Class 21.

Mayflower Mills, Fort Wayne, Ind. Wheat-flour. 45,564, Aug. 22, 1905. Republished Apr. 27. Class 46.

Mayflower Mills, Fort Wayne, Ind. Wheat flour and self-rising wheat flour. 149,451, Dec. 13, 1921. Republished Apr. 27. Class 46.

McCrossen Handwoven Textiles, Inc., Santa Fe, N. Mex. Scarfs, neckties, bells for outer wear, etc. 335,302, June 2, 1936. Amended. O. G. Apr. 27. Class 39.

McGovern and McGovern, to Monitor Fisheries, Inc., Seattle, Wash. Canned fish, canned fruits and canned vegetables. 238,105, renewed Jan. 24, 1948. O. G. Apr. 27. Class 46.

McGovern and McGovern, to Monitor Fisheries, Inc., Seattle, Wash. Canned salmon, canned fruits, berries, etc. 240,114, renewed Mar. 20, 1948. O. G. Apr. 27. Class 46.

McMath, John N., Co., doing business as Lloyd-Sargent Co., New Rochelle, N. Y. Bubble bath preparation, bath crystals, bath oils, etc. 438,498, Apr. 27; Serial No. 494,694, published Aug. 13, 1946. Class 6.

Mead Corporation, The: *See*—
Dill & Collins Co.

Medical Chemicals, Inc., Baltimore, Md. Germicidal and fungicidal preparations. 365,069, Feb. 21, 1939. Republished Apr. 27. Class 6.

Medical Chemicals, Inc., Baltimore, Md. Germicidal and fungicidal preparations. 373,904, Dec. 26, 1939. Republished Apr. 27. Class 6.

Mershon Co., Inc., Glendale, Calif. Gun recoil pads, gun butt extension spacers and gun butt plates. 438,519, Apr. 27; Serial No. 510,790, published Jan. 27, 1948. Class 9.

Mexican Chile Supply Company, Fort Worth, Tex. Chile powder, chile peppers, and packaged garlic. 438,504, Apr. 27; Serial No. 502,910, published Jan. 6, 1948. Class 46.

Mid-States Shoe Company: *See*—
Ideal Shoe Mfg. Co.
Walter Booth Shoe Co.

Miley, L. J., Company, Chicago, Ill. Brake lining. 295,081, June 14, 1932. Republished Apr. 27. Class 35.

Millen, James, Manufacturing Company, Inc., Malden, Mass. Dielectric material in sheets and molded forms. 375,029, Feb. 6, 1940. Republished Apr. 27. Class 21.

Millen, James, Manufacturing Company, Inc., Malden, Mass. Radio communication receivers, transmitters and component parts thereof. 385,754, Mar. 18, 1941. Republished Apr. 27. Class 21.

Millen, James, Manufacturing Company, Inc., Malden, Mass. Electronic meters and measuring appliances. 419,315, Feb. 12, 1946. Republished Apr. 27. Class 26.

Millinery Stores, Inc., The, Chicago, Ill., to The Millinery Stores, Inc., New York, N. Y. Ladies', misses' and children's hats. 237,777, renewed Jan. 17, 1948. O. G. Apr. 27. Class 39.

Minnesota Macaroni Company, St. Paul, Minn. Alimentary pastes. 373,305, Dec. 5, 1939. Republished Apr. 27. Class 46.

Modern Plastic Co., Los Angeles, Calif. Clothespins. 438,520, Apr. 27; Serial No. 511,753, published Feb. 3, 1948. Class 24.

Moline Tool Company, Moline, Ill. Boring and drilling machines. 104,626, June 8, 1915. Republished Apr. 27. Class 23.

Monitor Fisheries, Inc.: *See*—
McGovern and McGovern.

Monsanto Chemical Company: *See*—
Laucks, I. F., Inc.

Moore, John H.: *See*—
London House, Ltd.

Moore, John Hudson, Inc., New York, N. Y. Smoking tobacco. 400,081, Feb. 16, 1943. Republished Apr. 27. Class 17.

Moore, John Hudson, Inc., New York, N. Y. Hairbrushes, toothbrushes, nail brushes, etc. 405,375, Jan. 25, 1944. Republished Apr. 27. Class 29.

Moore, John Hudson, Inc., New York, N. Y. Combs. 416,701, Sept. 25, 1945. Republished Apr. 27. Class 40.

Moore, John Hudson, Inc., New York, N. Y. Cologne, after shaving lotion, hair lotion, etc. 418,223, Dec. 11, 1945. Republished Apr. 27. Class 6.

Moss, T. J., Tie Company, St. Louis, Mo. Publications. 261,346, Sept. 17, 1929. Republished Apr. 27. Class 38.

Mülhens, Paul P., doing business as Eau de Cologne- & Parafümerie-Fabrik "Glockengassee No. 4711" gegenüber der Pferdepost von Ferd. Mülhens, Cologne-on-the-Rhine, Germany. Vested in The Attorney General of the United States, Washington, D. C. Eau-de-cologne water, perfumery, hair tonics, etc. 236,768, renewed Dec. 20, 1947. O. G. Apr. 27. Class 6.

Mülhens, Paul P., doing business as Eau de Cologne- & Parafümerie-Fabrik "Glockengassee No. 4711" gegenüber der Pferdepost von Ferd. Mülhens, Cologne-on-the-Rhine, Germany. Vested in The Attorney General of the United States, Washington, D. C. Soaps including toilet soaps, shaving sticks. 236,769, renewed Dec. 20, 1947. O. G. Apr. 27. Class 4.

N. V. Purit Maatschappij ter vervaardiging van plantaardige ontkleuringskool, "Purit", Amsterdam, Netherlands. Vegetable decolorizing carbon. 438,508, Apr. 27; Serial No. 505,711, published Feb. 3, 1948. Class 6.

Naamlooze Vennootschap Maatschappij Voor Wasverwerking, Amsterdam, Netherland. Boot polish. 157,721, renewed Aug. 15, 1942. O. G. Apr. 27. Class 4.

Nancy Ann Dressed Dolls, assignor to Nancy Ann Storybook Dolls, Inc., San Francisco, Calif. Dressed dolls. 438,495, Apr. 27; Serial No. 484,754, published Feb. 4, 1947. Class 22.

Nancy Ann Dressed Dolls, assignor to Nancy Ann Storybook Dolls, Inc., San Francisco, Calif. Dressed dolls. 438,496, Apr. 27; Serial No. 484,755, published Feb. 11, 1947. Class 22.

Nancy Ann Storybook Dolls, Inc., assignee: *See*—
Nancy Ann Dressed Dolls.

Napolitan, Louis, doing business under the name of M. Louis, New York, N. Y. Coiffure preserving fluid. 396,946, Aug. 11, 1942. Republished Apr. 27. Class 6.

Nash, C. A., & Son, Inc., Norfolk, Va. Paints and paint enamel. 238,979, renewed Feb. 21, 1948. O. G. Apr. 27. Class 16.

National Casket Company, Incorporated, Oneida, N. Y. Embalming fluid. 500,140–1, Apr. 27; Serial Nos. 528,939–40, published Feb. 3, 1948. Class 6.

National Cranberry Association: *See*—
Cranberry Canners, Inc.
Ocean Spray Preserving Company.

Nitralloy Corporation, The, Wilmington, Del. Alloy steel. 438,553, Apr. 27; Serial No. 524,200, published Jan. 27, 1948. Class 14.

North & Judd Manufacturing Company, New Britian, Conn., by Talon, Inc., Meadville, Pa. Slider-controlled fasteners. 245,274, Aug. 7, 1928. Republished Apr. 27. Class 13.

Northmont Hosiery Corporation, Reading, Pa., and New York, N. Y. Oil for the treatment of full fashioned hosiery. 364,990, Feb. 21, 1939. Republished Apr. 27. Class 6.

Nurserafts, Inc., New York, N. Y. Shoes, caps, capes, etc. 290,814, Jan. 19, 1932. Republished Apr. 27. Class 39.

Nutrolactic Company, The: *See*—
Nutrolactis Company.

Nutrolactis Company, by The Nutrolactic Company, New York, N. Y. Medicinal preparation intended to increase the flow of human milk. 25,312, Oct. 9, 1894. Republished Apr. 27. Class 6.

Nu-Whip Corp., New York, N. Y., by Kidde Manufacturing Co., Inc., Bloomfield, N. J. Gases in cartridge containers. 335,695, June 9, 1936. Republished Apr. 27. Class 6.

Nyko Laboratories, by Nyko, Incorporated, Chicago, Ill. Cleanser. 226,288, Apr. 5, 1927. Republished Apr. 27. Class 4.

Obermayer, S., Company, The, Chicago, Ill. Furnace cement. 179,484, Feb. 12, 1924. Republished Apr. 27. Class 12.

Obermayer, S., Company, The, Chicago, Ill. Fire brick in plastic form. 192,777, Dec. 9, 1924. Republished Apr. 27. Class 12.

Ocean Spray Preserving Company, assignor to Cranberry Canners, Inc., South Hanson, Mass., by National Cranberry Association, Hanson, Mass. Fresh apples, apple sauce, and canned cranberries. 283,437, May 26, 1931. Republished Apr. 27. Class 46.

Ocean Spray Preserving Company, assignor to Cranberry Canners, Inc., South Hanson, Mass., by National Cranberry Association, Hanson, Mass. Fresh cranberries, canned cranberries, and cranberry syrup. 283,708, June 2, 1931. Republished Apr. 27. Class 46.

Oelerich & Berry Company, Chicago, Ill. Fruit jelly. 500,133, Apr. 27; Serial No. 527,148, published Jan. 27, 1948. Class 46.

Oliver Typewriter Company, The, Chicago, Ill., to Oliver Typewriter Manufacturing Company, Limited, Croydon, England. Typewriting machines and parts therefor. 48,960, re-renewed Jan. 16, 1946. O. G. Apr. 27. Class 23.

Oliver Typewriter Company, Chicago, Ill., to Oliver Typewriter Manufacturing Company, Limited, Croydon, England. Typewriting machines. 51,111, re-renewed Apr. 3, 1946. O. G. Apr. 27. Class 23.

Oliver Typewriter Manufacturing Company: *See*—
Oliver Typewriter Company, The.

Omak Evaporating Company: *See*—
Forrey, Ralph.

O'Neil Duro Company, Milwaukee, Wis. Liquid top dressings and finishes. 255,042, Apr. 9, 1929. Republished Apr. 27. Class 4.

Ornstein, D., & Sons Corp., New York, N. Y. Bracelets. 436,723, Feb. 17, 1948. Corrected. O. G. Apr. 27. Class 28.

Oskamp Nolting Co., The, Cincinnati, Ohio. Toilet soap. 225,467, Mar. 22, 1927. Republished Apr. 27. Class 4.

Packaging Corporation of America, Chicago, Ill. Folding paper boxes. 438,517, Apr. 27; Serial No. 510,194, published Jan. 14, 1947. Class 2.

Palm Brothers Decalcomania Company, The, Cincinnati, Ohio. Decalcomanias. 281,408, Mar. 17, 1931. Republished Apr. 27. Class 38.
Palm Brothers Decalcomania Company, The, Cincinnati, Ohio. Decalcomanias. 281,410, Mar. 17, 1931. Republished Apr. 27. Class 38.
Parfait, Incorporated, Chicago, Ill. Bubble bath, hand lotion, cologne, etc. 438,499, Apr. 27; Serial No. 495,092, published Dec. 17, 1947. Class 6.
Parfumerie Caron: *See*—
Daltroff, E., & Cie.
Parfumerie Roger et Gallet, S. A., Paris, France. Soap, soap pastes, and soap powders. 159,058, renewed Sept. 19, 1942. O. G. Apr. 27. Class 4.
Parker Pen Company, The, Janesville, Wis. Writing ink. 389,786, Aug. 19, 1941. Republished Apr. 27. Class 11.
Parker Rust Proof Company: *See*—
Parker Rust-Proof Company.
Parker Rust-Proof Company, by Parker Rust Proof Company, Detroit, Mich. Chemical materials. 268,659, Mar. 18, 1930. Republished Apr. 27. Class 6.
Parker Rust Proof Company, Detroit, Mich. Chemicals for treating steel surfaces. 363,620, Jan. 3, 1939. Republished Apr. 27. Class 6.
Par-Metal Products Corp., New York, and Long Island City, N. Y. Steel utility cans and standard steel cases. 438,510, Apr. 27; Serial No. 507,140, published Feb. 3, 1948. Class 2.
Patterson, Norvin L., Chicago, Ill. Aspirin. 500,125, Apr. 27; Serial No. 524,617, published Feb. 3, 1948. Class 6.
Peerless Laboratories, Dallas, Tex. Medicinal preparations. 438,512, Apr. 27; Serial No. 508,123, published Feb. 3, 1948. Class 6.
Pennsylvania Rubber Company, Jeannette, Pa. Rubber vehicle-tires. 85,483, Feb. 20, 1912. Republished Apr. 27. Class 35.
Pennsylvania Rubber Company, Jeannette, Pa. Rubber tires for vehicles. 193,506, Dec. 30, 1924. Republished Apr. 27. Class 35.
Pennsylvania Rubber Company, Jeannette, Pa. Shuttlecocks. 340,930, Nov. 24, 1936. Republished Apr. 27. Class 22.
Pennsylvania Rubber Company, Jeannette, Pa. Pneumatic vehicle tires. 358,966, July 26, 1938. Republished Apr. 27. Class 35.
Pennsylvania Rubber Company, Jeannette, Pa. Pneumatic tires. 365,966, Mar. 21, 1939. Republished Apr. 27. Class 35.
Pepsi-Cola Company, Long Island City, N. Y. Beverages and sirups. 349,886, Sept. 14, 1937. Republished Apr. 27. Class 45.
Pettibone, Mulliken & Co., to Pettibone Mulliken Corporation, Chicago, Ill. Switch-stands. 59,987. re-renewed Jan. 22, 1947. O. G. Apr. 27. Class 23.
Pettibone Mulliken Corporation: *See*—
Pettibone, Mulliken & Co.
Phillips & Buttorff Mfg. Co., by Phillips & Buttorff Manufacturing Company, Nashville, Tenn. Electric ranges. 328,172, Sept. 17, 1935. Republished Apr. 27. Class 21.
Phillips & Buttorff Manufacturing Company: *See*—
Phillips & Buttorff Mfg. Co.
Phillips-Jones Corporation: *See*—
Behrens & Kashins, Inc.
Pillsbury Flour Mills Company, by Pillsbury Mills, Inc., Minneapolis, Minn. Flour made from wheat. 382,935, Nov. 19, 1940. Republished Apr. 27. Class 46.
Pillsbury Flour Mills Company, by Pillsbury Mills Inc., Minneapolis, Minn. Flour made from wheat, self rising flour, rye flour, and wheat germ. 385,055, Feb. 11, 1941. Republished Apr. 27. Class 46.
Pillsbury Flour Mills Company, by Pillsbury Mills Inc., Minneapolis, Minn. Wheat flour. 392,893, Jan. 20, 1942. Republished Apr. 27. Class 46.
Pillsbury Flour Mills Company, by Pillsbury Mills Inc., Minneapolis, Minn. Flour made from wheat. 392,894, Jan. 20, 1942. Republished Apr. 27. Class 46.
Pillsbury Mills, Inc.: *See*—
Pillsbury Flour Mills Company.
Pioneer Hi-Bred Corn Company: *See*—
Hi-Bred Corn Company, The.
Pitman-Dreitzer & Co. Inc., New York, N. Y. Table and cooking glassware. 363,207, Dec. 13, 1938. Republished Apr. 27. Class 33.
Pittsberg Chemical Co., by Eston Chemicals, Inc., Los Angeles, Calif. Fumigating compounds. 415,298, Aug. 7, 1945. Republished Apr. 27. Class 6.
Pondbrook Company: *See*—
Briggs, George.
Presstite Engineering Company, The, St. Louis, Mo. Puttying and caulking compounds. 389,426, Aug. 5, 1941. Republished Apr. 27. Class 12.
Procter & Gamble Company, The, Cincinnati, Ohio. Dentifrice. 385,915, Mar. 25, 1941. Republished Apr. 27. Class 6.
Pure Oil Company, The, Chicago, Ill. Gasoline and motor fuel oils. 399,615, Jan. 19, 1943. Republished Apr. 27. Class 15.
Raybestos-Manhattan, Inc., Passaic, N. J. Friction materials. 438,541, Apr. 27; Serial No. 519,695, published Jan. 20, 1948. Class 35.
Red Star Yeast and Products Co., Milwaukee, Wis. Compressed yeast. 347,107, June 15, 1937. Republished Apr. 27. Class 46.
Red Star Yeast and Products Company, Milwaukee, Wis. Mixture of egg material. 421,472, June 4, 1946. Republished Apr. 27. Class 46.
Reed, E. P., & Co., Rochester, N. Y. Shoes. 269,014, Mar. 25, 1930. Republished Apr. 27. Class 39.
Reid, Alexander F., Brooklyn, N. Y., by The Grady-Travers Company, Incorporated, New York, N. Y. Braided cotton sash-cord, hop-twine, and mattress-twine. 34,328, Mar. 20, 1900. Republished Apr. 27. Class 7.
Reid, Alexander F., Brooklyn, N. Y., by The Grady-Travers Company, Incorporated, New York, N. Y. Braided sash-cords and flax thread or gilling-thread. 34,329, Mar. 20, 1900. Republished Apr. 27. Class 7.
Republic Flow Meters Company, Chicago, Ill. Fluid flow-meters, ring-balance meters, chart type recorders. 396,098, June 30, 1942. Republished Apr. 27. Class 26.
Republic Flow Meters Company, Chicago, Ill. Fluid flow-meters, ring balance meters, etc. 397,665, Sept. 15, 1942. Republished Apr. 27. Class 26.
Richards-Wilcox Manufacturing Company, Aurora, Ill. Tracks. 500,134, Apr. 27; Serial No. 527,186, published Jan. 20, 1948. Class 14.
Robbins, Anatole, Inc., Los Angeles and Hollywood, Calif. Facial night cream. 438,509, Apr. 27; Serial No. 505,858, published Jan. 27, 1948. Class 6.
Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonographs. 375,703, Feb. 27, 1940. Republished Apr. 27. Class 36.
Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonographs. 377,309, Apr. 30, 1940. Republished Apr. 27. Class 36.
Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph and phonographic apparatus. 386,416, Apr. 8, 1941. Republished Apr. 27. Class 36.
Rockwell Manufacturing Company, Pittsburgh, Pa. Packing for rods subjected to fluid pressure. 500,149, Apr. 27; Serial No. 534,349. Class 35.
Rogers Peet Company: *See*—
Baker, Charles, & Company, Inc.
Baker Clothes, Inc.
Makransky, S., & Sons.
Rogers Peet Company, New York, N. Y. Men's clothing. 342,452, Jan. 19, 1937. Republished Apr. 27. Class 39.
Rogers Peet Company, New York, N. Y. Men's and boys' outer suits and overcoats. 346,150–1, May 18, 1937. Republished Apr. 27. Class 39.
Rogers Peet Company, New York, N. Y. Men's outer suits and overcoats. 352,342, Nov. 30, 1937. Republished Apr. 27. Class 39.
Rogers Peet Company, New York, N. Y. Men's and boys' leather, rubber, and fabric shoes. 352,961, Dec. 21, 1937. Republished Apr. 27. Class 39.
Rogers Peet Company, New York, N. Y. Men's and boys' clothing. 354,188, Feb. 8, 1938. Republished Apr. 27. Class 39.
Rogers Peet Company, New York, N. Y. Men's and boys' suits, overcoats, hats, etc. 358,782, July 26, 1938. Republished Apr. 27. Class 39.
Rogers Peet Company, New York, N. Y. Men's and boys' outer shirts and pajamas. 376,292, Mar. 19, 1940. Republished Apr. 27. Class 39.
Rogers Peet Company, New York, N. Y. Men's and boys' wearing apparel. 413,956–8, May 22, 1945. Republished Apr. 27. Class 39.
Rothholz, Wm. A., Co. Inc., New York, N. Y. Linen, cotton, and woolen goods in the piece and combinations thereof. 344,531, Mar. 30, 1937. Republished Apr. 27. Class 42.
San Marino Wine Corporation, New York, N. Y. Wine. 400,322, Mar. 2, 1943. Republished Apr. 27. Class 47.
Sargeant Acnoid Pharmaceutical Co., Inc., East Orange, N. J. Ointment. 420,012, Mar. 19, 1946. Republished Apr. 27. Class 6.
Sauer, C. F., Company, The, Richmond, Va. Flavoring extracts and baking powder. 252,222, Sept. 11, 1894. Republished Apr. 27. Class 46.
Schafer, George, H. C. Pfaff Cigar Company, The, Baltimore, Md. Cigars. 294,541, May 31, 1932. Republished Apr. 27. Class 17.
Scofield, L. M., Company: *See*—
Scofield, Lynn M.
Scofield, Lynn M., doing business as L. M. Scofield Company, by L. M. Scofield Company, Huntington Park, Calif. Wax products. 349,609, Aug. 31, 1937. Republished Apr. 27. Class 16.
Scovill Manufacturing Company, Waterbury, Conn. Ball cocks, flush valves, tank fittings. 234,663, renewed Nov. 1, 1947. O. G. Apr. 27. Class 13.
Security Mills, Inc., Knoxville, Tenn. Dog food. 438,540, Apr. 27; Serial No. 519,224, published Oct. 14, 1947. Class 46.
Shapiro, Harry, doing business as Chemical Specialties Company, New York, N. Y. Disinfectant. 438,502, Apr. 27; Serial No. 497,975, published Aug. 19, 1947. Class 6.
Shelton, W. G., Company, St. Louis, Mo., by Gaylord-Shelton, Inc., Chicago, Ill. Permanent wave cream. 397,163, Aug. 25, 1942. Republished Apr. 27. Class 6.
Silklin Paper Corporation, San Francisco, Calif. Paper towels and facial tissues. 383,382, Feb. 25, 1941. Republished Apr. 27. Class 37.

Société Anonyme des Etablissements Rouzaud, Chocolat de Royat, "A la Marquise de Sévigné," Royat, France. Crockery, earthenware, and porcelain. 185,210, renewed June 10, 1944. O. G. Apr. 27. Class 30.
Société Anonyme des Etablissements Rouzaud, Chocolat de Royat, "A la Marquise de Sévigné," Royat, France. Fancy goods, furnishings, and notions. 189,090, renewed Sept. 9, 1944. O. G. Apr. 27. Class 40.
Société Anonyme des Etablissements Rouzaud, Chocolat de Royat, "A la Marquise de Sévigné," Royat, France. Furniture and upholstery. 189,763, renewed Sept. 23, 1944. O. G. Apr. 27. Class 32.
Société Anonyme des Etablissements Rouzaud, Chocolat de Royat, "A la Marquise de Sévigné," Royat, Puy-de-Dome, to Société Anonyme des Etablissements Rouzaud, Chocolat de Royat "A la Marquise de Sévigné," Royat, France. Jewelry. 190,396, renewed Oct. 14, 1944. O. G. Apr. 27. Class 28.
Société Anonyme des Etablissements Rouzaud, Chocolat de Royat, "A la Marquise de Sévigné," Royat-les-Bains, to Société Anonyme des Etablissements Rouzaud, Chocolat de Royat "A la Marquise de Sévigné," Royat, France. Confectionery boxes. 191,150, renewed Nov. 4, 1944. O. G. Apr. 27. Class 2.
Société des Parfums Ronsard, Paris, France. Perfumes, eaux de cologne, and toilet water. 438,529, Apr. 27; Serial No. 514,070, published Jan. 27, 1948. Class 6.
Solar Corporation, Milwaukee, Wis. Motor scooters. 425,665, Nov. 26, 1946. Republished Apr. 27. Class 19.
Southern Coal & Coke Company, by Boothton Coal Mining Company, Boothton, Ala. Coal. 201,690, Aug. 4, 1925. Republished Apr. 27. Class 1.
Southern Sauces, Inc., New Orleans, La. Table syrup. 438,543, Apr. 27; Serial No. 520,773, published Dec. 30, 1947. Class 46.
Sparkler Mfg. Co.: *See*—
Sparkler Manufacturing Company.
Sparkler Manufacturing Company, by Sparkler Mfg. Co., Mundelein, Ill. Industrial filters. 406,976, May 9, 1944. Republished Apr. 27. Class 31.
Spuck Iron & Foundry Co., St. Louis, Mo. Processed cast iron alloy metal. 500,135, Apr. 27; Serial No. 527,221, published Jan. 20, 1948. Class 14.
Squire Dingee Company, Chicago, Ill. Pickles. 53,500, June 5, 1906. Republished Apr. 27. Class 46.
Squire Dingee Company, Chicago, Ill. Pickles. 55,837, Aug. 21, 1906. Republished Apr. 27. Class 46.
Squire Dingee Company, Chicago, Ill. Pickles. 215,089, July 13, 1926. Republished Apr. 27. Class 46.
Stainless Cavity Corp., Leominster, Mass. Finished metal castings. 438,516, Apr. 27; Serial No. 509,122, published Jan. 27, 1948. Class 14.
Stakmore Co., Inc., Owego, N. Y. Chairs and tables. 349,860, Sept. 7, 1937. Republished Apr. 27. Class 32.
Stearns, Frederick, & Co., Detroit, Mich., to Winthrop-Stearns Inc., New York, N. Y. Preparation useful in the treatment of asthmatic, and such other conditions. 242,409, renewed May 22, 1948. O. G. Apr. 27. Class 6.
Sterling Tool Products Company, Chicago, Ill. Unitary and portable electric sanding machines. 414,519, June 12, 1945. Republished Apr. 27. Class 21.
Stern & Co., Philadelphia, Pa. Furniture made of wood, metal or upholstery. 358,047, June 28, 1938. Republished Apr. 27. Class 32.
Stevenson & Howell, Limited, London, England. Essential oils, colorings, etc. 67,879, re-renewed Feb. 25, 1948. O. G. Apr. 27. Class 6.
Stevenson & Howell, Limited, London, England. Flavoring essences and flavoring extracts. 67,942, re-renewed Feb. 25, 1948. O. G. Apr. 27. Class 46.
Strauss, Levi, & Company, San Francisco, Calif. Overalls. 356,701, May 10, 1938. Republished Apr. 27. Class 39.
Strauss, Levi, & Company, San Francisco, Calif. Wearing apparel. 358,413, July 12, 1938. Republished Apr. 27. Class 39.
Strauss, Levi, & Company, San Francisco, Calif. Waistband type overalls. 404,248, Nov. 16, 1943. Republished Apr. 27. Class 39.
Strohmeyer & Arpe Company, New York, N. Y. Macaroni, spaghetti, vermicelli, etc. 72,594, Feb. 2, 1909. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Preserved quinces, Italian olive oil, morcillas blood sausage, etc. 72,595, Feb. 2, 1905. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Olive oil, macaroni, spaghetti, etc. 72,945, Mar. 2, 1909. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Macaroni, spaghetti, vermicelli, etc. 72,946, Mar. 2, 1909. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Sardines. 75,219, Sept. 14, 1909. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. French meat preserves, canned french fruits, canned french vegetables, etc. 75,819, Nov. 16, 1909. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Canned macaroni, canned tomato sauce, canned vegetables, etc. 76,702, Feb. 8, 1910. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Canned sardines in oil. 77,679, Apr. 26, 1910. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Canned peas, canned mushrooms, salt herrings, etc. 102,768, Feb. 23, 1915. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Canned peas, canned mushrooms, salt mackerel, etc. 102,769, Feb. 23, 1915. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Canned peas, canned mushrooms, salt herrings, etc. 102,770, Feb. 23, 1915. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Canned peas, mushrooms, salt herrings, etc. 103,188, Mar. 16, 1915. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Preserved and canned fish. 106,521, Oct. 19, 1915. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Canned fish and preserved fish. 107,025, Nov. 9, 1915. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Olive, sesame, and cotton-seed oil, etc. 109,879, Apr. 18, 1916. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Olive-oil, salad-oil, preserved vegetables, etc. 130,936, May 4, 1920. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Olive-oil, salad-oil, preserved vegetables, etc. 139,640, Feb. 8, 1921. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Vegetable oil and mayonnaise and salad oil for which cottonseed oil forms a component part. 151,959, Feb. 14, 1922. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Vegetable oil flavored with olive oil. 168,571, May 29, 1923. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Olive oil and salad oil. 171,200, July 31, 1923. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Salad oils. 180,238, Feb. 26, 1924. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Tomato products. 189,304, Sept. 16, 1924. Republished Apr. 27. Class 46.
Strohmeyer & Arpe Company, New York, N. Y. Canned fish particularly canned salmon. 206,107, Nov. 24, 1925. Republished Apr. 27. Class 46.
Super Products Co., San Leandro, Calif. Auto polish. 438,556, Apr. 27; Serial No. 498,549. Class 16.
Talon, Inc.: *See*—
Hookless Fastener Company.
North & Judd Manufacturing Company.
Tavendale, Inc., New York, N. Y. Men's clothing. 324,519, May 21, 1935. Republished Apr. 27. Class 39.
Teich, Curt, & Company, Chicago, Ill. Multi-colored postcards and pictoral illustrations. 354,244, Feb. 8, 1938. Republished Apr. 27. Class 38.
Timely Clothes, Inc.: *See*—
Keller, Heumann & Thompson Company, Inc.
Timely Clothes, Inc., Rochester, N. Y. Men's clothing. 379,164, July 2, 1940. Republished Apr. 27. Class 39.
Timely Clothes, Inc., Rochester, N. Y. Men's clothing. 380,820, Sept. 3, 1940. Republished Apr. 27. Class 39.
Timme, E. F., & Son, by E. F. Timme & Son (1944), New York, N. Y. Pile fabrics in the piece. 273,210, July 22, 1930. Republished Apr. 27. Class 42.
Timme, E. F., & Son, by E. F. Timme & Son (1944), New York, N. Y. Pile fabrics in the piece. 275,937, Oct. 7, 1930. Republished Apr. 27. Class 42.
Timme, E. F., & Son, by E. F. Timme & Son (1944), New York, N. Y. Pile fabrics in the piece. 279,704, Jan. 20, 1931. Republished Apr. 27. Class 42.
Timme, E. F., & Son (1944): *See*—
Timme, E. F., & Son.
Timme, Otto, Estate of, deceased, doing business as E. F. Timme & Son, by E. F. Timme & Son, New York, N. Y. Pile fabrics in the piece. 399,716, Jan. 26, 1943. Republished Apr. 27. Class 42.
Traf-O-Lite, Oak Park, Ill., by George D. Hefner, Chicago, Ill. Combination traffic control and flash light. 394,171, Mar. 24, 1942. Republished Apr. 27. Class 21.
Triangle Conduit & Cable Co., Inc., New Brunswick, N. J. Rigid conduit, etc. 422,431, July 23, 1946. Republished Apr. 27. Class 21.
Tri-State Plastic Molding Company, Henderson, Ky. Plastic bouncing play balls. 438,511, Apr. 27; Serial No. 507,352, published Jan. 20, 1948. Class 22.
Turner, Day & Woolworth Handle Company, Louisville, Ky., by The American Fork and Hoe Company, Cleveland, Ohio. Tool handles. 353,599, Jan. 11, 1938. Republished Apr. 27. Class 23.
Turner, Day & Woolworth Handle Company, Louisville, Ky., by The American Fork and Hoe Company, Cleveland, Ohio. Wooden handles. 376,737, Apr. 2, 1940. Republished Apr. 27. Class 23.
Tuthill Pump Company, Chicago, Ill. Oil pumps. 326,789, Aug. 6, 1935. Republished Apr. 27. Class 23.
Uco Food Corporation, Newark, N. J. Toilet tissue, paper napkins, paper towels, etc. 376,543, Mar. 26, 1940. Republished Apr. 27. Class 37.
United Electrical Mfg. Co., Adrian, Mich., by Bersted Manufacturing Company, Fostoria, Ohio. Electrical fans. 214,404, June 22, 1926. Republished Apr. 27. Class 21.

United Injector Co., The, by Manning, Maxwell & Moore, Incorporated, New York, N. Y. Inspirators. 57,990, Dec. 4, 1906. Republished Apr. 27. Class 23.
United Injector Co., The, by Manning, Maxwell & Moore, Incorporated, New York, N. Y. Injectors. 59,418, Jan. 8, 1907. Republished Apr. 27. Class 23.
United Injector Co., The, by Manning, Maxwell & Moore, Incorporated, New York, N. Y. Valves, strainers, and cocks. 59,681, Jan. 15, 1907. Republished Apr. 27. Class 13.
United Injector Co., The, by Manning, Maxwell & Moore, Incorporated, New York, N. Y. Ejectors. 88,644, Oct. 8, 1912. Republished Apr. 27. Class 23.
United Novelty Shoe Company, Indianapolis, Ind., to Craddock-Terry Shoe Corporation, Lynchburgh, Va. Shoes. 233,009, renewed Sept. 20, 1947. O. G. Apr. 27. Class 39.
United Paper Company, Inc., Richmond, Va. Paper products. 344,386, Mar. 23, 1937. Republished Apr. 27. Class 37.
United Paper Company, Inc., Richmond, Va. Paper products. 359,047, Aug. 2, 1938. Republished Apr. 27. Class 37.
United Paper Company, Inc., Richmond, Va. Wrapping paper, toilet paper, towels, etc. 392,609, Jan. 6, 1942. Republished Apr. 27. Class 37.
United States News Publishing Corporation, Washington, D. C. Sections of periodical publications. 320,956, Jan. 15, 1935. Republished Apr. 27. Class 38.
United States News Publishing Corporation, Washington, D. C. Periodical publications. 320,957, Jan. 15, 1935, Republished Apr. 27. Class 38.
United States News Publishing Corporation, Washington, D. C. Sections of periodical publications. 323,649, Apr. 23, 1935. Republished Apr. 27. Class 38.
United States News Publishing Corporation, Washington, D. C. Sections of periodical publications. 332,138, Feb. 4, 1936. Republished Apr. 27. Class 38.
United States News Publishing Corporation, Washington, D. C. Sections of periodical publications. 339,065, Sept. 22, 1936. Republished Apr. 27. Class 38.
United States News Publishing Corporation, Washington, D. C. Sections of periodical publications. 341,283, Dec. 1, 1936. Republished Apr. 27. Class 38.
United States News Publishing Corporation, Washington, D. C. Sections of periodical publications. 345,110, Apr. 13, 1937. Republished Apr. 27. Class 38.
United States News Publishing Corporation, Washington, D. C. Sections of periodical publications. 347,063–4, June 15, 1937. Republished Apr. 27. Class 38.
United States News Publishing Corporation, Washington, D. C. Sections of periodical publications. 348,064, July 13, 1937. Republished Apr. 27. Class 38.
United States News Publishing Corporation, Washington, D. C. Sections of periodical publications. 353,236, Dec. 28, 1937. Republished Apr. 27. Class 38.
United States News Publishing Corporation, Washington, D. C. Sections of periodical publications. 374,786, Jan. 23, 1940. Republished Apr. 27. Class 38.
United States News Publishing Corporation, Washington, D. C. Sections of periodical publications. 375,789–90, Feb. 27, 1940. Republished Apr. 27. Class 38.
United States News Publishing Corporation, Washington, D. C. Sections of periodical publications. 386,721, Apr. 22, 1941. Republished Apr. 27. Class 38.
United States News Publishing Corporation, Washington, D. C. Section of periodical publication. 426,469, Dec. 24, 1946. Republished Apr. 27. Class 38.
United States Rubber Company, New York, N. Y. Molded bottoms for bowling bags and golf bags, and the like. 500,126, Apr. 27; Serial No. 526,641, published Jan. 27, 1948. Class 22.
United States Rubber Company, New York, N. Y. Natural rubber material. 500,138, Apr. 27; Serial No. 527,564, published Jan. 27, 1948. Class 35.
U. S. Sanitary Specialties Corporation, Chicago, Ill. Stain and filler. 389,387, Aug. 5, 1941. Republished Apr. 27. Class 16.
U. S. Vitamin Corporation, New York, N. Y. Therapeutic compound. 500,142, Apr. 27; Serial No. 529,117, published Jan. 27, 1948. Class 6.
Valley Produce Distributors, Phoenix, Ariz. Fresh vegetables. 438,550, Apr. 27; Serial No. 523,117, published Dec. 2, 1947. Class 46.
Varell, Lia V., New York, N. Y. Panorama viewing box. 438,518, Apr. 27; Serial No. 510,553, published Jan. 20, 1948. Class 22.
Vess Dry Company of Ohio: *See*—
Jones, Vess.
Ward, Thomas, & Sons Limited, Warrington, England. Razors, safety razors, razor blades, etc. 241,604, renewed May 1, 1948. O. G. Apr. 27. Class 23.
Weekly Publications, Inc., New York, N. Y. Maps. 416,198, Sept. 4, 1945. Republished Apr. 27. Class 38.
Western Waterproofing Company, Detroit, Mich. Waterproofing and weatherproofing compositions. 346,154, May 18, 1937. Republished Apr. 27. Class 12.
Whistle Company of America, Inc., The: *See*—
Jones, Vess.
White, H. N., Company, The, Cleveland, Ohio. Wind instruments. 362,900, Dec. 6, 1938. Republished Apr. 27. Class 36.
Wichroski, Stephen A., Springfield, Mass. Sandwiches. 241,811, renewed May 8, 1948. O. G. Apr. 27. Class 46.
Wiedemann, Geo. Brewing Co., Inc., The, Newport, Ky. Beer. 371,924, Oct. 17, 1939. Republished Apr. 27. Class 48.
Wilkening Manufacturing Company, Philadelphia, Pa. Piston rings, piston ring expanders, and valve packing. 334,092, Apr. 21, 1936. Republished Apr. 27. Class 35.
Williamson Heater Company, The, Cincinnati, Ohio. Warm air furnaces and parts thereof. 331,722, Jan. 21, 1936. Republished Apr. 27. Class 34.
Wilson Fastener Company, The, Cleveland, Ohio. Snap fastener tape or strips. 350,714, Oct. 5, 1937. Republished Apr. 27. Class 40.
Winthrop-Stearns Inc.: *See*—
Stearns, Frederick, & Co.
Woolen Corporation of America, New York, N. Y. Garments of woolen and/or worsted fabrics. 422,329, July 16, 1946. Republished Apr. 27. Class 39.
Wrenn Paper Company, The, Middletown, Ohio. Blotting paper. 237,134, renewed Jan. 3, 1948. O. G. Apr. 27. Class 37.
Wright, E. T., & Company, Inc., Rockland, Mass. Shoes. 350,992, Oct. 12, 1937. Republished Apr. 27. Class 39.
Wrigley, Wm., Jr. Company, by Wm. Wrigley Jr. Company, Chicago, Ill. Chewing-gum. 102,000, Jan. 19, 1915. Republished Apr. 27. Class 46.
Write Incorporated, Bridgeport, Conn. Carbon paper and typewriter ribbons. 500,144, Apr. 27; Serial No. 529,329, published Feb. 3, 1948. Class 11.
Zellerbach Paper Company, San Francisco, Calif. Paper cups and paper baking cups, paper plates, etc. 385,984, Mar. 25, 1941. Republished Apr. 27. Class 2.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Canaries, Live. American Bird Products, Inc. 366,635, Apr. 25, 1939. Republished Apr. 27.
Coal. Southern Coal & Coke Company. 201,690, Aug. 4, 1925. Republished Apr. 27.
Coal, Export. Fire Creek Coal Company, Inc. 233,872–3, renewed Oct. 11, 1947. O. G. Apr. 27.
Leatherboard and fiberboard, Sheet. George O. Jenkins Company. 398,166, Oct. 13, 1942. Republished Apr. 27.
Seed corn. Hi-Bred Corn Company. 228,665, renewed June 7, 1947. O. G. Apr. 27.
Seeds, bulbs, and plants, Garden and field. Kilgore Seed Company. 275,437, Sept. 23, 1930. Republished Apr. 27.

CLASS 2

Bags. Bemis Bro. Bag Company. 371,577, Sept. 26, 1939. Republished Apr. 27.
Bottles, Syphon. Knapp-Monarch Company. 438,535, Apr. 27; Serial No. 515,769, published Jan. 20, 1948.
Boxes, Confectionery. Société Anonyme des Etablissements Rouzaud, Chocolat de Royat, "A la Marquise de Sévigné." 191,150, renewed Nov. 4, 1944. O. G. Apr. 27.
Boxes, Folding paper. Packaging Corporation of America. 438,517, Apr. 27; Serial No. 510,194, published Jan. 14, 1947.
Boxes, shoe boxes, glove boxes, etc., Hat. Duranol Products, Inc. 438,506, Apr. 27; Serial No. 504,100, published Oct. 7, 1947.
Cans and standard steel cases, Steel utility. Par-Metal Products Corp. 438,510, Apr. 27; Serial No. 507,140, published Feb. 3, 1948.
Cartons, packages, boxes, etc. Lamcote, Incorporated. 353,482, Jan. 11, 1938. Republished Apr. 27.
Compacts and rouge boxes, Toilet. L. Abarbanel. 438,497, Apr. 27; Serial No. 488,068, published Jan. 20, 1948.
Cups and paper baking cups, paper plates, etc., Paper. Zellerbach Paper Company. 385,984, Mar. 25, 1941. Republished Apr. 27.
Paper, paper board, boxboard, etc. Mason Box Company. 353,766, Jan. 18, 1938. Republished Apr. 27.
Syphons, and gas containers. Walter Kidde Sales Company. 331,685, Jan. 14, 1936. Republished Apr. 27.

CLASS 3

Suitcases and hand luggage cases. Hartmann Trunk Company. 389,606, Aug. 12, 1941. Republished Apr. 27.
Trunks, taxi and steamer trunks, hand and shoe trunks, etc., Wardrobe. Hartmann Trunk Company. 291,891, Feb. 23, 1932. Republished Apr. 27.

CLASS 4

Abrasive articles and compounds, etc., Certain. Carborundum Company. 245,860, Aug. 21, 1928. Republished Apr. 27.
Absorptive dough-like preparation. Bennett Glass & Paint Company. 351,836, Nov. 9, 1937. Republished Apr. 27.
Cleaner. S. C. Johnson & Son, Inc. 367,297, May 9, 1939. Republished Apr. 27.
Cleaner. S. C. Johnson & Son, Inc. 400,242, Feb. 23, 1943. Republished Apr. 27.
Cleanser. Diversey Manufacturing Company. 262,604, Oct. 15, 1929. Republished Apr. 27.
Cleanser. Nyko Laboratories. 226,288, Apr. 5, 1927. Republished Apr. 27.
Cleanser in powdered form. Diversey Corporation. 369,680, Aug. 1, 1939. Republished Apr. 27.
Cleanser, Liquid. Acme Chemical Company. 359,524, Aug. 23, 1938. Republished Apr. 27.
Dressings and finishes, Liquid top. O'Neil Duro Company. 255,042, Apr. 9, 1929. Republished Apr. 27.
Metal-polish. M. Loewenstein. 69,229, re-renewed May 26, 1948. O. G. Apr. 27.
Polish. S. C. Johnson & Son. 300,218, Jan. 10, 1933. Republished Apr. 27.
Polish, Boot. Naamlooze Vennootschap Maatschappij Voor Wasverwerking. 157,721, renewed Aug. 15, 1942. O. G. Apr. 27.
Polishes, Abrasive metal. Armiger Chemical Company. 66,714, re-renewed Dec. 24, 1947. O. G. Apr. 27.
Powder, Dental plate. Clark Cleveland, Inc. 426,357, Dec. 24, 1946. Republished Apr. 27.
Soap, soap pastes, and soap powders. Parfumerie Roger et Gallet, S. A. 159,058, renewed Sept. 19, 1942. O. G. Apr. 27.
Soap, Toilet. Oskamp Nolting Co. 225,467, Mar. 22, 1927. Republished Apr. 27.
Soaps including toilet soaps, shaving sticks. P. P. Mülhens. 236,769, renewed Dec. 20, 1947. O. G. Apr. 27.
Washing compound, Bottle. Diversey Corporation. 342,811, Feb. 2, 1937. Republished Apr. 27.
Washing or cleaning compounds. American Ammone Company. 242,071, renewed May 15, 1948. O. G. Apr. 27.
Wax emulsions which make absorbative fibrous and non-fibrous materials waterproof and water repellent, Aqueous and nonaqueous. S. C. Johnson & Son, Inc. 402,601, Aug. 3, 1943. Republished Apr. 27.

CLASS 5

Sealing compound and gasket cement, Adhesive pipe. W. Harks. 412,769, Mar. 27, 1945. Republished Apr. 27.
Sheets of fabric having on one side a coating of glue for the purpose of affixing it to the underside of rugs, etc. S. C. Johnson & Son, Inc. 321,778, Feb. 12, 1935. Republished Apr. 27.

CLASS 6

Aspirin. N. L. Patterson. 500,125, Apr. 27; Serial No. 524,617, published Feb. 3, 1948.
Bubble bath, hand lotion, cologne, etc. Parfait, Incorporated. 438,499, Apr. 27; Serial No. 495,092, published Dec. 17, 1947.
Bubble bath preparation, bath crystals, bath oils, etc. J. N. McMath Co. 438,498, Apr. 27; Serial No. 494,694, published Aug. 13, 1946.
Chemical desiccants. W. A. Hammond. 382,102, Oct. 15, 1940. Republished Apr. 27.
Chemical materials. Parker Rust-Proof Company. 268,659, Mar. 18, 1930. Republished Apr. 27.
Chemical preparations for exterminating weeds. American Chemical Paint Company. 438,503, Apr. 27; Serial No. 499,601, published Apr. 1, 1947.
Chemicals for treating steel surfaces. Parker Rust Proof Company. 363,620, Jan. 3, 1939. Republished Apr. 27.
Chemicals, preparations, and compounds thereof. General Aniline & Film Corporation. 417,838, Nov. 20, 1945. Republished Apr. 27.
Cologne. Kay Daumit, Inc. 438,505, Apr. 27; Serial No. 503,973, published Feb. 3, 1948.
Cologne, after shaving lotion, hair lotion, etc. John Hudson Moore, Inc. 418,223, Dec. 11, 1945. Republished Apr. 27.
Colorings, Food. Blanke-Baer Extract & Preserving Company. 393,207, Jan. 27, 1942. Republished Apr. 27.
Composition containing chemical ingredients for strengthening, sterilizing, etc. Flower Foods, Inc. 425,514, Nov. 26, 1946. Republished Apr. 27.
Cream, Facial night. Anatole Robbins, Inc. 438,509, Apr. 27; Serial No. 505,858, published Jan. 27, 1948.
Cream, Permanent wave. W. G. Shelton Company. 397,163, Aug. 25, 1942. Republished Apr. 27.
Decolorizing carbon, Vegetable. N. V. Purit Maatschappij ter vervaardiging van plantaardige ontkleuringskool, "Purit." 438,508, Apr. 27; Serial No. 505,711, published Feb. 3, 1948.
Dental plate powder. Fasteeth, Incorporated. 373,915, Dec. 26, 1939. Republished Apr. 27.
Dental plate powder. Fasteeth, Incorporated. 373,925, Dec. 26, 1939. Republished Apr. 27.
Dentifrice. Procter & Gamble Company. 385,915, Mar. 25, 1941. Republished Apr. 27.
Disinfectant. H. Shapiro. 438,502, Apr. 27; Serial No. 497,975, published Aug. 19, 1947.
Disinfectants, germicides, and sterilizers. Diversey Manufacturing Company. 224,577, Mar. 1, 1927. Republished Apr. 27.
Drops, nasal spray and throat spray, Nasal. Broemmel's Pharmaceuticals. 408,531, Aug. 15, 1944. Republished Apr. 27.
Eau-de-cologne water, perfumery, hair tonics, etc. P. P. Mülhens. 236,768, Dec. 20, 1947. O. G. Apr. 27.
Embalming fluid. National Casket Company, Incorporated. 500,140–1, Apr. 27; Serial Nos. 528,939–40, published Feb. 3, 1948.
Fumigating compounds. Pittsberg Chemical Co. 415,298, Aug. 7, 1945. Republished Apr. 27.
Gases in cartridge containers. Nu-Whip Corp. 335,695, June 9, 1936. Republished Apr. 27.
Germicidal and fungicidal preparations. Medical Chemicals, Inc. 365,069, Feb. 21, 1939. Republished Apr. 27.
Germicidal and fungicidal preparations. Medical Chemicals, Inc. 373,904, Dec. 26, 1939. Republished Apr. 27.
Hair tonic and dandruff remedy. F. Hess. 188,445, Aug. 26, 1924. Republished Apr. 27.
Lye. B. T. Babbitt, Inc. 500,145, Apr. 27; Serial No. 529,862, published Jan. 27, 1948.
Magnesia carbonate. Keasbey & Mattison Company. 359,263, Aug. 9, 1938. Republished Apr. 27.
Magnesium carbonate and magnesium oxide. Keasbey & Mattison Company. 366,922, May 22, 1939. Republished Apr. 27.
Magnesium carbonate and magnesium oxide. Keasbey & Mattison Company. 373,963, Dec. 26, 1939. Republished Apr. 27.
Make-ups, Theatrical. M. Factor. 241,483, renewed May 1, 1948. O. G. Apr. 27.
Medicinal preparation intended to increase the flow of human milk. Nutrolactis Company. 25,312, Oct. 9, 1894. Republished Apr. 27.
Medicinal preparations. Peerless Laboratories. 438,512, Apr. 27; Serial No. 508,123, published Feb. 3, 1948.
Mixture of corrosive sublimate and hydrochloric acid. Mallinckrodt Chemical Works. 314,319, June 26, 1934. Republished Apr. 27.
Mixture, which is applied to grass for the treatment of brown patch. Mallinckrodt Chemical Works. 500,130, Apr. 27; Serial No. 526,949, published Jan. 27, 1948.
Oil for the treatment of full fashioned hosiery. Northmont Hosiery Corporation. 364,990, Feb. 21, 1939. Republished Apr. 27.
Oils, colorings, etc., Essential. Stevenson & Howell, Limited. 67,879, re-renewed Feb. 25, 1948. O. G. Apr. 27.
Ointment. Sargeant Acnoid Pharmaceutical Co., Inc. 420,012, Mar. 19, 1946. Republished Apr. 27.
Oxazolidinediones and salts thereof, Substituted. Mallinckrodt Chemical Works. 500,127, Apr. 27; Serial No. 526,868, published Jan. 27, 1948.
Pastes and powders. Daltroff, E., & Cie. 240,071, renewed Mar. 20, 1948. O. G. Apr. 27.
Penicillin product. Marlo Lab., Inc. 438,514, Apr. 27; Serial No. 508,299, published Dec. 9, 1947.
Perfumes, eaux de cologne, and toilet water. Société des Parfums Ronsard. 438,529, Apr. 27; Serial No. 514,070, published Jan. 27, 1948.
Petroleum hydrocarbon solvents, Liquid. Kendall Refining Company. 428,125, Mar. 11, 1947. Republished Apr. 27.
Photographic flash light materials, photographic developing and hardening powders, etc. Eastman Kodak Co. 67,012, re-renewed Jan. 14, 1948. O. G. Apr. 27.
Poultry mixture for the prevention of parasites. J. J. Ladner. 438,532, Apr. 27; Serial No. 514,824, published Feb. 3, 1948.
Preparation for acute, relaxed and disturbed conditions of the stomach and bowels. Fahrney, Dr. Peter, & Sons Co. 377,478, May 7, 1940. Republished Apr. 27.
Preparation for securing dental plates in place. Fasteeth Incorporated. 331,872, Jan. 21, 1936. Republished Apr. 27.
Preparation in tablet form. Lanteen Medical Laboratories, Inc. 438,522, Apr. 27; Serial No. 512,513, published July 22, 1947.
Preparation used for feminine hygienne. D. A. Gray. 365,845, Mar. 21, 1939. Republished Apr. 27.
Preparation useful in the treatment of asthmatic and such other conditions. Stearns, Frederick, & Co. 242,409, renewed May 22, 1948. O. G. Apr. 27.
Preserving fluid, Coiffure. L. Napolitan. 396,946, Aug. 11, 1942. Republished Apr. 27.
Salve. D. A. Long. 408,543, Aug. 15, 1944. Republished Apr. 27.
Sedative and analgesic preparation. Abbott Laboratories. 436,707, Feb. 17, 1948. Corrected. O. G. Apr. 27.
Shampoo, hair lacquer and cream rinse. La Maur Products, Inc. 438,537, Apr. 27; Serial No. 516,422, published Dec. 23, 1947.
Skin-softening preparation. Compana Corporation. 234,573, renewed Nov. 1, 1947. O. G. Apr. 27.
Sterile solution. Harrower Laboratory, Inc., The. 500,143, Apr. 27; Serial No. 529,262, published Feb. 3, 1948.

Tetralodphenolphthalein sodium salt. Mallinckrodt Chemical Works. 500,129, Apr. 27; Serial No. 526,936, published Jan. 20, 1948.
Therapeutic compound. U. S. Vitamin Corporation. 500,142, Apr. 27; Serial No. 529,117, published Jan. 27, 1948.
Wax emulsions, Aqueous and nonaqueous. Johnson, S. C., & Son, Inc. 402,064, June 29, 1943. Republished Apr. 27.
Wax emulsions, Aqueous and nonaqueous. Johnson, S. C., & Son, Inc. 416,291, Sept. 4, 1945. Republished Apr. 27.

CLASS 7

Sash-cord, hop-twine, and mattress-twine, Braided cotton. A. F. Reid. 34,328, Mar. 20, 1900. Republished Apr. 27.
Sash-cords and flax thread or gilling-thread, Braided. A. F. Reid. 34,329, Mar. 20, 1900. Republished Apr. 27.

CLASS 8

Pipes. London House, Ltd. 369,342, July 18, 1939. Republished Apr. 27.
Pipes, Smokers'. London House, Ltd. 337,877. Aug. 25, 1936. Republished Apr. 27.

CLASS 9

Pads, gun butt extension spacers and gun butt plates, Gun recoil. Mershon Co., Inc. 438,519, Apr. 27; Serial No. 510,790, published Jan. 27, 1947.

CLASS 10

Fertilizers. Lion Oil Company. 500,123, Apr. 27; Serial No. 512,185, published Feb. 3, 1948.

CLASS 11

Carbon paper and typewriter ribbons. Write Incorporated. 500,144, Apr. 27; Serial No. 529,329, published Feb. 3, 1948.
Carbon papers and typewriter ribbons. Kee Lox Manufacturing Company. 388,211, June 17, 1941. Republished Apr. 27.
Ink, Writing. Parker Pen Company, The. 389,780, Aug. 19, 1941. Republished Apr. 27.
Mixture of low boiling liquid hydrocarbons suitable for use in rotogravure inks. American Mineral Spirits Company. 394,259, Mar. 31, 1942. Republished Apr. 27.
Typewriter ribbons. Ames Supply Company. 438,539, Apr. 27; Serial No. 519,159, published Jan. 27, 1948.

CLASS 12

Asbestos boards, asbestos sheets, asbestos lumber, etc. Keasbey & Mattison Company. 344,320, Mar. 16, 1937. Republished Apr. 27.
Asbestos-cement pipes, asbestos-cement bends, asbestos-cement elbows, etc. Keasbey & Mattison Company. 385,759, Mar. 18, 1941. Republished Apr. 27.
Asbestos cements, asbestos papers, asbestos shingles, composition shingles, etc. Keasbey & Mattison Company. 359,222, Aug. 9, 1938. Republished Apr. 27.
Blocks and tile, Refractory. M. H. Detrick Company. 402,279, July 13, 1943. Republished Apr. 27.
Blocks and tile, Refractory. M. H. Detrick Company. 403,472, Sept. 28, 1943. Republished Apr. 27.
Brick in plastic form, Fire. S. Obermayer Company. 192,777, Dec. 9, 1924. Republished Apr. 27.
Cement, Furnace. S. Obermayer Company. 179,484, Feb. 12, 1924. Republished Apr. 27.
Doors. Kinnear Manufacturing Company. 327,278, Aug. 20, 1935. Republished Apr. 27.
Partitions, metal partitions, structural parts of such partitions and fittings therefore, etc., Removable. E. F. Hauserman Company. 322,752, Mar. 19, 1935. Republished Apr. 27.
Puttying and caulking compounds. Presstite Engineering Company. 389,426, Aug. 5, 1941. Republished Apr. 27.
Waterproofing and weatherproofing compositions. Western Waterproofing Company. 346,154, May 18, 1937. Republished Apr. 27.

CLASS 13

Ball cocks, flush valves, tank fittings. Scovill Manufacturing Company. 234,663, renewed Nov. 1, 1947. O. G. Apr. 27.
Fasteners of the slider controlled type, Separable. Hookless Fastener Company. 243,746, June 26, 1928. Republished Apr. 27.
Fasteners, Slider-controlled. North & Judd Manufacturing Company. 245,274, Aug. 7, 1928. Republished Apr. 27.
Fence, Wire. Keystone Fence Company. 62,025, renewed Apr. 16, 1947. O. G. Apr. 27.
Fence, Wire. Keystone Fence Company. 62,313, renewed Apr. 30, 1947. O. G. Apr. 27.
Fencing, Wire. American Steel and Wire Company of New Jersey. 241,507, renewed May 1, 1948. O. G. Apr. 27.
Plumbing supplies. Crest Manufacturing Co., Inc. 239,062, renewed Feb. 21, 1948. O. G. Apr. 27.
Regulators and other named hardware, etc., Pressure. Julian D'Este Company. 230,461, renewed July 26, 1947. O. G. Apr. 27.
Screw connections and parts of screw connections. Aircraft Screw Products Company, Inc. 422,228, July 9, 1946. Republished Apr. 27.
Valves, strainers, and cocks. United Injector Co. 59,681, Jan. 15, 1907. Republished Apr. 27.

CLASS 14

Alloy metal, Processed cast iron. Spuck Iron & Foundry Co. 500,135, Apr. 27; Serial No. 527,221, published Jan. 20, 1948.
Alloy steel. Nitralloy Corporation. 438,553, Apr. 27; Serial No. 524,200, published Jan. 27, 1948.
Castings, Finished metal. Stainless Cavity Corp. 438,516, Apr. 27; Serial No. 509,122, published Jan. 27, 1948.
Drop-forged parts. Duff Manufacturing Company. 131,302, May 11, 1920. Republished Apr. 27.
Forgings, Steel. Heppenstall Forge & Knife Company. 233,787, renewed Oct. 11, 1947. O. G. Apr. 27.
Iron, high silicon cast iron pigs and fragments thereof, Pig. Jackson Iron & Steel Company. 500,124, Apr. 27; Serial No. 516,132, published Jan. 27, 1948.
Metal shapes and sheets, Ferrous. Dry-Zero Corporation. 365,622, Mar. 14, 1939. Republished Apr. 27.
Posts and car stops, Bumping. Buda Company. 500,139, Apr. 27; Serial No. 527,752, published Jan. 20, 1948.
Tracks. Richards-Wilcox Manufacturing Company. 500,134, Apr. 27; Serial No. 527,186, published Jan. 20, 1948.
Wire. American Steel and Wire Company of New Jersey. 241,799, renewed May 8, 1948. O. G. Apr. 27.

CLASS 15

Gasoline and motor fuel oils. Pure Oil Company. 399,615, Jan. 19, 1943. Republished Apr. 27.
Oils and petrolatum waxes, Viscous. Kendall Refining Company. 427,252, Feb. 4, 1947. Republished Apr. 27.

CLASS 16

Coloring material for paints. Bennett Glass & Paint Company. 344,220, Mar. 16, 1937. Republished Apr. 27.
Oil and spirit stains, varnish stain, varnish, etc. S. C. Johnson & Son. 230,757, Aug. 2, 1927. Republished Apr. 27.
Paint enamels. S. C. Johnson & Son. 298,967, Nov. 15, 1932. Republished Apr. 27.
Paint enamels and liquid polish. S. C. Johnson & Son, Inc. 321,364, Jan. 29, 1935. Republished Apr. 27.
Paint enamels and undercoats. S. C. Johnson & Son. 298,966, Nov. 15, 1932. Republished Apr. 27.
Paints and paint enamel. C. A. Nash & Son, Inc. 238,979, renewed Feb. 21, 1948. O. G. Apr. 27.
Paints and undercoats. S. C. Johnson & Son. 299,289, Nov. 29, 1932. Republished Apr. 27.
Polish, Auto. Super Products Co. 438,556, Apr. 27; Serial No. 498,549.
Polish, Liquid. S. C. Johnson & Son, Inc. 344,112, Mar. 16, 1937. Republished Apr. 27.
Polish, Liquid. S. C. Johnson & Son, Inc. 367,325, May 9, 1939. Republished Apr. 27.
Polish, Liquid wax. S. C. Johnson & Son, Inc. 336,511, July 7, 1936. Republished Apr. 27.
Polish, Liquid wax. S. C. Johnson & Son, Inc. 349,170, Aug. 24, 1937. Republished Apr. 27.
Polish, Liquid wax. S. C. Johnson & Son, Inc. 390,112–13, Dec. 15, 1942. Republished Apr. 27.
Stain and filler. U. S. Sanitary Specialties Corporation. 389,387, Aug. 5, 1941. Republished Apr. 27.
Undercoats and priming coats, Paint. S. C. Johnson & Son, Inc. 311,434, Mar. 20, 1934. Republished Apr. 27.
Under or priming coat. I. F. Laucks, Inc. 349,902, Sept. 14, 1937. Republished Apr. 27.
Varnish. S. C. Johnson & Son, Inc. 370,447. Aug. 29, 1939. Republished Apr. 27.
Wax. S. C. Johnson & Son. 300,874, Feb. 14, 1933. Republished Apr. 27.
Wax. S. C. Johnson & Son, Inc. 305,536, Aug. 22, 1933. Republished Apr. 27.
Wax. S. C. Johnson & Son. 310,728, Mar. 6, 1934. Republished Apr. 27.
Wax. S. C. Johnson & Son, Inc. 316,337, Aug. 21, 1934. Republished Apr. 27.
Wax. S. C. Johnson & Son, Inc. 336,189, June 30, 1936. Republished Apr. 27.
Wax for coating and polishing wood, metal, and other surfaces, and lacquer. S. C. Johnson & Son, Inc. 345,368, Apr. 27, 1937. Republished Apr. 27.
Wax, Polishing. S. C. Johnson & Son. 301,319, Feb. 28, 1933. Republished Apr. 27.
Wax, Polishing. S. C. Johnson & Son. 304,665, July 11, 1933. Republished Apr. 27.
Wax, Polishing. S. C. Johnson & Son. 320,878, Jan. 15, 1935. Republished Apr. 27.
Wax, prepared wax, wood-dye, paste wood-filler, etc., Powdered. S. C. Johnson & Son. 106,108, Oct. 12, 1915. Republished Apr. 27.
Wax products. L. M. Scofield. 349,609, Aug. 31, 1937. Republished Apr. 27.

CLASS 17

Cigarettes and smoking tobacco. Lane, Limited. 438,545, Apr. 27; Serial No. 522,541, published Feb. 3, 1948.

Cigarettes and smoking tobacco. P. Lorillard Company. 238,664, renewed Feb. 14, 1948. O. G. Apr. 27.
Cigars. E. F. Law. 23,874, Nov. 28, 1893. Republished Apr. 27.
Cigars. George Schafer-H. C. Pfaff Cigar Company. 294,541, May 31, 1932. Republished Apr. 27.
Tobacco and cigarettes, Smoking. Lane, Limited. 438,546, Apr. 27; Serial No. 522,542, published Feb. 3, 1948.
Tobacco, Smoking. John Hudson Moore, Inc. 400,081, Feb. 16, 1943. Republished Apr. 27.

CLASS 19

Cars, Motor. Lincoln Motor Company. 170,692, renewed Jan. 5, 1948. O. G. Apr. 27.
Scooters, Motor. Solar Corporation. 425,665, Nov. 26, 1946. Republished Apr. 27.
Trucks and carts, Self or manually propelled shop. Buda Company. 359,783, Aug. 30, 1938. Republished Apr. 27.

CLASS 21

Batteries, Storage. General Tire & Rubber Company. 350,059, Sept. 14, 1937. Republished Apr. 27.
Conduit and duct and asbestos cement couplings and fittings, Asbestos cement. Keasbey & Mattison Company. 389,672, Aug. 19, 1941. Republished Apr. 27.
Conduit, etc., Rigid. Triangle Conduit & Cable Co., Inc. 422,431, July 23, 1946. Republished Apr. 27.
Dielectric material in sheets and molded forms. James Millen Manufacturing Company, Inc. 375,029, Feb. 6, 1940. Republished Apr. 27.
Fans, Electrical. United Electrical Mfg. Co. 214,404, June 22, 1926. Republished Apr. 27.
Heaters, Radiant electric. Anderson-Pitt Corporation. 255,452, Apr. 23, 1929. Republished Apr. 27.
Lightning protection devices. W. N. Matthews Corporation. 376,711, Apr. 2, 1940. Republished Apr. 27.
Motors, electric record changers, etc., Electric. General Industries Company. 409,923–5, Oct. 31, 1944. Republished Apr. 27.
Phonographs of the domestic type and parts thereof, Electrically operated. General Industries Company. 429,756, May 20, 1947. Republished Apr. 27.
Polishing machines, Electric floor. S. C. Johnson & Son, Inc. 401,763, June 8, 1943. Republished Apr. 27.
Polishing machines, Electric floor. S. C. Johnson & Son, Inc. 402,849, Aug. 17, 1943. Republished Apr. 27.
Radio communication receivers, transmitters and component parts thereof. James Millen Manufacturing Company, Inc. 385,754, Mar. 18, 1941. Republished Apr. 27.
Radio receiving sets, television receiving sets, radio-television receiving sets, etc. Emerson Radio & Phonograph Corporation. 349,887, Sept. 14, 1937. Republished Apr. 27.
Radio signaling apparatus, and parts thereof. Central Radio Laboratories. 204,006, Oct. 6, 1925. Republished Apr. 27.
Ranges, Electric. Phillips & Buttorff Mfg. Co. 328,172, Sept. 17, 1935. Republished Apr. 27.
Sanding machines, Unitary and portable electric. Sterling Tool Products Company. 414,519, June 12, 1945. Republished Apr. 27.
Traffic control and flashlight, Combination. Traf-O-Lite. 394,171, Mar. 24, 1942. Republished Apr. 27.

CLASS 22

Balls, Plastic bouncing play. Tri-State Plastic Molding Company. 438,511, Apr. 27; Serial No. 507,352, published Jan. 20, 1948.
Billiard cues. Brunswick-Balke-Collender Company. 344,484, Mar. 23, 1937. Republished Apr. 27.
Billiard-table cushions. Brunswick-Balke-Collender Company. 24,237, Feb. 13, 1894. Republished Apr. 27.
Billiard table cushions. Brunswick-Balke-Collender Company. 416,217, Sept. 4, 1945. Republished Apr. 27.
Billiard tables. Brunswick-Balke-Collender Company. 398,540, Nov. 3, 1942. Republished Apr. 27.
Bottoms for bowling bags and golf bags, and the like, Molded. United States Rubber Company. 500,126, Apr. 27; Serial No. 526,641, published Jan. 27, 1948.
Bowling pins. Brunswick-Balke-Collender Company. 341,079–81, Dec. 1, 1936. Republished Apr. 27.
Bowling pins. Brunswick-Balke-Collender Company. 415,715, Aug. 14, 1945. Republished Apr. 27.
Box, Panorama viewing. L. V. Varell. 438,518, Apr. 27; Serial No. 510,553, published Jan. 20, 1948.
Creel and tackle bag, flybook or roll, and a tackle box. G. Briggs. 500,128, Apr. 27; Serial No. 526,909, published Jan. 27, 1948.
Dolls. J. C. Gray. 438,554, Apr. 27; Serial No. 488,088.
Dolls, Dressed. Nancy Ann Dressed Dolls. 438,495, Apr. 27; Serial No. 484,754, published Feb. 4, 1947.
Dolls, Dressed. Nancy Ann Dressed Dolls. 438,496, Apr. 27; Serial No. 484,755, published Feb. 11, 1947.
Fish lures. R. W. Berry. 438,500, Apr. 27; Serial No. 495,359, published Oct. 1, 1946.
Fishing lines. B. F. Gladding & Co., Inc. 500,131, Apr. 27; Serial No. 527,067, published Jan. 20, 1948.
Fishing lines. B. F. Gladding & Co. Inc. 500,132, Apr. 27; Serial No. 527,079, published Jan. 20, 1948.
Pads and elbow pads, Knee. Jung Arch Brace Co. 438,526, Apr. 27; Serial No. 513,623, published Sept. 30, 1947.
Pin spotters. Brunswick-Balke-Collender Company. 265,748, Jan. 7, 1930. Republished Apr. 27.
Shuttlecocks. Pennsylvania Rubber Company. 340,930, Nov. 24, 1936. Republished Apr. 27.
Toy dogs, Stuffed. Gramercy Toy Co. 438,501, Apr. 27; Serial No. 497,711, published Jan. 20, 1948.

CLASS 23

Agricultural and garden implements, Hand. American Fork and Hoe Company. 371,635, Oct. 3, 1939. Republished Apr. 27.
Bits, wrenches, pipe threaders and trimmers, etc., Oil well drilling. Federal Electric Company, Inc. 418,215, Dec. 11, 1945. Republished Apr. 27.
Boring and drilling machines. Moline Tool Company. 104,626, June 8, 1915. Republished Apr. 27.
Ejectors. United Injector Company. 88,644, Oct. 8, 1912. Republished Apr. 27.
Handles, Wooden. Turner, Day & Wollworth Handle Company. 376,737, Apr. 2, 1940. Republished Apr. 27.
Injectors. United Injector Co. 59,418, Jan. 8, 1907. Republished Apr. 27.
Inspirators. United Injector Co. 57,990, Dec. 4, 1906. Republished Apr. 27.
Knives, razor knives, and spoons, Pocket. Gits Molding Corporation. 436,124, Jan. 20, 1948. Corrected. O. G. Apr. 27.
Knives, Shear. Heppenstall Forge and Knife Company. 211,435, Apr. 13, 1926. Republished Apr. 27.
Liners for pumps. Macclatchie Manufacturing Company of California. 355,383, Mar. 15, 1938. Republished Apr. 27.
Motors, Outboard. Champion Outboard Motors. 325,259, June 18, 1935. Republished Apr. 27.
Pumps, Oil. Tuthill Pump Company. 326,789, Aug. 6, 1935. Republished Apr. 27.
Razors, safety razors, razor blades, etc. Thomas Ward & Sons Limited. 241,604, renewed May 1, 1948. O. G. Apr. 27.
Reaping machines, hay-making machinery, etc. Bamfords Ltd. 411,491, Jan. 16, 1945. Amended. O. G. Apr. 27.
Sewage treating plants and parts thereof, Activated sludge type. Infilco Incorporated. 414,439, June 12, 1945. Republished Apr. 27.
Sewing machines, Fur. Bonis Bros. Fur Machinery Corporation. 361,488, Oct. 18, 1938. Republished Apr. 27.
Shear-knives and die-blocks. Heppenstall Forge & Knife Company. 98,775, Aug. 4, 1914. Republished Apr. 27.
Switch-stands. Pettibone, Mulliken & Co. 59,987, renewed Jan. 22, 1947. O. G. Apr. 27.
Tool handles. Turner, Day & Woolworth Handle Company. 353,599, Jan. 11, 1938. Republished Apr. 27.
Tools, apparatus and machines. Aircraft Screw Products Company, Incorporated. 404,358, Nov. 23, 1943. Republished Apr. 27.
Trench digging machines. Cleveland Trencher Company. 200,091, June 23, 1925. Republished Apr. 27.
Type-writing machines. Oliver Typewriter Company. 51,111, re-renewed Apr. 3, 1946. O. G. Apr. 27.
Type-writing machines and parts therefor. Oliver Typewriter Company. 48,960, re-renewed Jan. 16, 1946. O. G. Apr. 27.
Valves. Macclatchie Manufacturing Company of California. 362,875, Dec. 6, 1938. Republished Apr. 27.

CLASS 24

Clothespins. Modern Plastic Co. 438,520, Apr. 27; Serial No. 511,753, published Feb. 3, 1948.

CLASS 26

Automatic apparatus. Infilco Incorporated. 416,223, Sept. 4, 1945. Republished Apr. 27.
Film, Photographic. Agfa Ansco Corporation. 376,523, Mar. 26, 1940. Republished Apr. 27.
Flowmeters, ring-balance meters, chart type recorders, Fluid. Republic Flow Meters Company. 396,098, June 30, 1942. Republished Apr. 27.
Flowmeters, ring balance meters, etc., Fluid. Republic Flow Meters Company. 397,665, Sept. 15, 1942. Republished Apr. 27.
Indicators, Direction and/or rate of liquid flow. S. F. Bowser & Company, Incorporated. 374,092, Jan. 2, 1940. Republished Apr. 27.
Light sensitive paper. Haloid Company. 359,065, Aug. 2, 1938. Republished Apr. 27.
Light sensitive paper and film. Haloid Company. 366,527, Apr. 18, 1939. Republished Apr. 27.
Meters. S. F. Bowser & Company, Incorporated. 356,240, Apr. 19, 1938. Republished Apr. 27.
Meters and measuring appliances, Electronic. J. Millen Manufacturing Company, Inc. 419,315, Feb. 12, 1946. Republished Apr. 27.

Meters, Fluid flow. Fischer & Porter Company. 386,553, Apr. 15, 1941. Republished Apr. 27.
Scales, Weighing. Hanson Brothers Scale Company. 210,069, Mar. 9, 1926. Republished Apr. 27.
Stop means for liquid dispensing apparatus, Predetermined. S. F. Bowser & Company. Incorporated. 394,541, Apr. 14, 1942. Republished Apr. 27.

CLASS 28

Bracelets. D. Ornstein & Sons Corp. 436,723, Feb. 17, 1498. Corrected. O. G. Apr. 27.
Jewelry. B. A. Ballou & Co. Incorporated. 141,283, renewed Jan. 5, 1948. O. G. Apr. 27.
Jewelry. Société Anonyme des Etablissements Rouzaud, Chocolat de Royat, "A la Marquise de Sévigné." 190,396, renewed Oct. 14, 1944. O. G. Apr. 27.
Rings, Finger. A. E. Johnson. 188,767, Sept. 2, 1924. Republished Apr. 27.
Tableware, Silver-plated flat. International Silver Co. 201,810, renewed Jan. 5, 1948, O. G. Apr. 27.

CLASS 29

Brushes. Brunswick-Balke-Collender Company. 347,410, June 22, 1937. Republished Apr. 27.
Hairbrushes, toothbrushes, nail brushes, etc. John Hudson Moore, Inc. 405,375, Jan. 25, 1944. Republished Apr. 27.
Mops and dusters. S. C. Johnson & Son, Inc. 319,479, Nov. 27, 1934. Republished Apr. 27.

CLASS 30

Crockery, earthenware, and porcelain. Société Anonyme des Etablissements Rouzaud, Chocolat de Royat, "A la Marquise de Sévigné." 185,210, renewed June 10, 1944. O. G. Apr. 27.
Porcelain ware. E. L. Fondeville. 234,917–18, Nov. 8, 1927. Republished Apr. 27.
Pottery. William Adams & Sons (Potters) Limited. 221,536, renewed Dec. 7, 1946. O. G. Apr. 27.

CLASS 31

Filters, Industrial. Sparkler Manufacturing Company. 406,976, May 9, 1944. Republished Apr. 27.
Locker units, Refrigerated. W. M. Baird. 374,272, Jan. 2, 1940. Republished Apr. 27.
Locker units, Refrigerated. W. M. Baird. 392,827, Jan. 13, 1942. Republished Apr. 27.

CLASS 32

Chairs and tables. Stakmore Co., Inc. 349,860, Sept. 7, 1937. Republished Apr. 27.
Furniture and upholstery. Société Anonyme Des Etablissements Rouzaud, Chocolat de Royat, "A la Marquise de Sévigné." 189,763, renewed Sept. 23, 1944. O. G. Apr. 27.
Furniture made of wood, metal or upholstery. Stern & Co. 358,047, June 28, 1938. Republished Apr. 27.
Settees; settee end panels; glass racks, etc. Brunswick-Balke-Collender Company. 386,727, Apr. 22, 1941. Republished Apr. 27.
Tables, Card. Corduan Manufacturing Company. 378,190, May 28, 1940. Republished Apr. 27.

CLASS 33

Glassware, Table and cooking. Pitman-Dreitzer & Co. Inc. 363,207, Dec. 13, 1938. Republished Apr. 27.

CLASS 34

Burners, gas burning humidifiers, garbage incinerators, and water heaters, Gas. Autogas Company. 396,109, June 30, 1942. Republished Apr. 27.
Burners, Oil. Fluid Heat Corp. 227,374, renewed May 3, 1947. O. G. Apr. 27.
Furnaces and parts thereof, Warm air. Williamson Heater Company. 331,722, Jan. 21, 1936. Republished Apr. 27.
Stovepipe, including elbows, T joints, reducers, etc. Jackes-Evans Manufacturing Company. 270,398, May 6, 1930. Republished Apr. 27.
Ventilating apparatus for opening and closing the ventilators in the roofs or sides of greenhouses, Greenhouse. Foley Greenhouse Manufacturing Co. 311,713, Apr. 3, 1934. Republished Apr. 27.

CLASS 35

Belting, hose, machinery packing, etc. General Tire & Rubber Company. 152,048, renewed Jan. 5, 1948. O. G. Apr. 27.
Belting, Leather. H. K. Barnes Company. 306,886, Oct. 3, 1933. Republished Apr. 27.
Belting, Power transmission. Dodge Manufacturing Corporation. 500,147, Apr. 27; Serial No. 527,008.
Belts, Flat power transmission. Gates Rubber Company. 438,513, Apr. 27; Serial No. 508,154, published Feb. 3, 1948.
Brake lining. L. J. Miley Company. 295,081, June 14, 1932. Republished Apr. 27.
Camelback. Gates Rubber Company. 438,507, Apr. 27; Serial No. 504,266, published Jan. 27, 1948.
Friction materials. Raybestos-Manhattan, Inc. 438,541, Apr. 27; Serial No. 519,695, published Jan. 20, 1948.
Packing and packing materials. Garlock Packing Company. 180,820, renewed Jan. 5, 1948. O. G. Apr. 27.
Packing for rods subjected to fluid pressure. Rockwell Manufacturing Company. 500,149, Apr. 27; Serial No. 534,349.
Packings and gaskets. Keasbey & Mattison Company. 358,002, June 21, 1938. Republished Apr. 27.
Piston rings, piston ring expanders, and valve packing. Wilkening Manufacturing Company. 334,092, Apr. 21, 1936. Republished Apr. 27.
Rubber material, Natural. United States Rubber Company. 500,138, Apr. 27; Serial No. 527,564, published Jan. 27, 1948.
Tires and inner tubes, etc., Resilient. India Tire and Rubber Company. 146,648, renewed Jan. 5, 1948. O. G. Apr. 27.
Tires for vehicles, Rubber. Pennsylvania Rubber Company. 193,506, Dec. 30, 1924. Republished Apr. 27.
Tires, Pneumatic. Pennsylvania Rubber Company. 365,966, Mar. 21, 1939. Republished Apr. 27.
Tires, Pneumatic vehicle. Pennsylvania Rubber Company. 358,966, July 26, 1938. Republished Apr. 27.
Vehicle tires of rubber and fabric, inner tubes for vehicle tires, repair patches of rubber and rubber and fabric. General Tire & Rubber Company. 371,904, Oct. 10, 1939. Republished Apr. 27.
Vehicle tires, Rubber. Pennsylvania Rubber Company. 85,483, Feb. 20, 1912. Republished Apr. 27.

CLASS 36

Phonographs. Rock-Ola Manufacturing Corporation. 375,703, Feb. 27, 1940. Republished Apr. 27.
Phonographs. Rock-Ola Manufacturing Corporation. 377,369, Apr. 30, 1940. Republished Apr. 27.
Phonographs and phonographic apparatus. Rock-Ola Manufacturing Corporation. 386,416, Apr. 8, 1941. Republished Apr. 27.
Wind instruments. H. N. White Company. 362,900, Dec. 6, 1938. Republished Apr. 27.
Wire, American Steel and Wire Company of New Jersey. 233,498, renewed Feb. 7, 1948. O. G. Apr. 27.

CLASS 37

Document-files. Globe-Wernicke Company. 64,493, Aug. 13, 1907. Republished Apr. 27.
Engraving-paper, surface-coated. Dill & Collins Co. 62,344, re-renewed Apr. 30, 1947. O. G. Apr. 27.
Files and mounts, Paper, cloth, and cardboard. Amberg File and Index Company. 383,521, Dec. 10, 1940. Republished Apr. 27.
Paper, Ditto, Incorporated. 239,261, renewed Feb. 28, 1948. O. G. Apr. 27.
Paper, Blotting. Wrenn Paper Company. 237,134, renewed Jan. 3, 1948. O. G. Apr. 27.
Paper products. United Paper Company, Inc. 344,386, Mar. 23, 1937. Republished Apr. 27.
Paper products. United Paper Company, Inc. 359,047, Aug. 2, 1938. Republished Apr. 27.
Paper sheets, Background. Keasbey & Mattison Company. 387,292, May 13, 1941. Republished Apr. 27.
Paper stickers in the nature of cut-out parts. Fred Fear & Co. 398,130, Oct. 13, 1942. Republished Apr. 27.
Paper, toilet paper, towels, etc., Wrapping. United Paper Company, Inc. 392,609, Jan. 6, 1942. Republished Apr. 27.
Paper towels and facial tissues. Silklin Paper Corporation. 385,382, Feb. 25, 1941. Republished Apr. 27.
Pens and mechanical pencils, Fountain. Kaiser Pen Co. 500,146, Apr. 27; Serial No. 508,115.
Tabs for file guides, indexing and filing system guides, etc., Metal. Amberg File and Index Company. 420,369, Apr. 9, 1946. Republished Apr. 27.
Tissue, Paper napkins, paper towels, etc., Toilet. Uco Food Corporation. 376,543, Mar. 26, 1940. Republished Apr. 27.

CLASS 38

Comic strip. Buckeye Brewing Company. 388,922, July 15, 1941. Republished Apr. 27.
Decalcomanias. Palm Brothers Decalcomania Company. 281,408, Mar. 17, 1931. Republished Apr. 27.
Decalcomanias. Palm Brothers Decalcomania Company. 281,410, Mar. 17, 1931. Republished Apr. 27.
Maps. Weekly Publications, Inc. 416,198, Sept. 4, 1945. Republished Apr. 27.
Newspaper section, Daily. Baltimore Publishing Company. 218,949, Oct. 5, 1926. Republished Apr. 27.
Post-cards and pictorial illustrations, Multi-colored. Teich, Curt, & Company. 354,244, Feb. 8, 1938. Republished Apr. 27.
Publication, Section of periodical. United States News Publishing Corporation. 426,469, Dec. 24, 1946. Republished Apr. 27.
Publications. T. J. Moss Tie Company. 261,346, Sept. 17, 1929. Republished Apr. 27.
Publications, Periodical. Bureau of National Affairs, Incorporated. 337,241, Aug. 4, 1936. Republished Apr. 27.
Publications, Periodical. United States News Publishing Corporation. 320,957, Jan. 15, 1935. Republished Apr. 27.

Publications, Sections of periodical. United States News Publishing Corporation. 320,956, Jan. 15, 1935. Republished Apr. 27.
Publications, Sections of periodical. United States News Publishing Corporation. 323,649, Apr. 23, 1935. Republished Apr. 27.
Publications, Sections of periodical. United States News Publishing Corporation. 332,138, Feb. 4, 1936. Republished Apr. 27.
Publications, Sections of periodical. United States News Publishing Corporation. 339,065, Sept. 22, 1936. Republished Apr. 27.
Publications, Sections of periodical. United States News Publishing Corporation. 341,283, Dec. 1, 1936. Republished Apr. 27.
Publications, Sections of periodical. United States News Publishing Corporation. 345,110, Apr. 13, 1937. Republished Apr. 27.
Publications, Sections of periodical. United States News Publishing Corporation. 347,063–64, June 15, 1937. Republished Apr. 27.
Publications, Sections of periodical. United States News Publishing Corporation. 348,064, July 13, 1937. Republished Apr. 27.
Publications, Sections of periodical. United States News Publishing Corporation. 353,236, Dec. 28, 1937. Republished Apr. 27.
Publications, Sections of periodical. United States News Publishing Corporation. 374,786, Jan. 23, 1940. Republished Apr. 27.
Publications, Sections of periodical. United States News Publishing Corporation. 375,789–90, Feb. 27, 1940. Republished Apr. 27.
Publications, Sections of periodical. United States News Publishing Corporation. 386,721, Apr. 22, 1941. Republished Apr. 27.

CLASS 39

Boots and shoes. Ideal Shoe Manufacturing Co. 253,760, Mar. 5, 1929. Republished Apr. 27.
Boots and shoes. Ideal Shoe Manufacturing Co. 277,053, Nov. 4, 1930. Republished Apr. 27.
Boots, shoes, and oxfords. Walter Booth Shoe Co. 298,450, Oct. 25, 1932. Republished Apr. 27.
Brassières and children's underwaists. Kabo Corset Co. 115,891, Mar. 20, 1917. Republished Apr. 27.
Clothing, Men's. Rogers Peet Company. 342,452, Jan. 19, 1937. Republished Apr. 27.
Clothing, Men's. Tavendale, Inc. 324,519, May 21, 1935. Republished Apr. 27.
Clothing, Men's. Timely Clothes, Inc. 379,164, July 2, 1940. Republished Apr. 27.
Clothing, Men's. Timely Clothes, Inc. 380,820, Sept. 3, 1940. Republished Apr. 27.
Clothing, Men's and boys'. Rogers Peet Company. 354,188, Feb. 8, 1938. Republished Apr. 27.
Coats, Men's top. Charles Baker & Company, Inc. 291,845, Feb. 23, 1932. Republished Apr. 27.
Coats, vests, pants, and overcoats. Fashion Park Associates, Inc. 289,235, Nov. 24, 1931. Republished Apr. 27.
Coats, vests, pants, and overcoats. Fashion Park Manufacturing Corporation. 348,093, July 13, 1937. Republished Apr. 27.
Coats, vests, pants, and overcoats, Men's. Fashion Park Inc. 229,257, June 21, 1927. Republished Apr. 27.
Coats, vests, pants, etc. Fashion Park, Inc. 416,902, Oct. 2, 1945. Republished Apr. 27.
Coats, vests, pants, etc., Men's. Fashion Park, Inc. 415,807, Aug. 14, 1945. Republished Apr. 27.
Coats, Women's. Boyd-Richardson Company. 259,782, Aug. 6, 1929. Republished Apr. 27.
Corsets. Franco Corset Company, Inc. 101,627, Jan. 5, 1915. Republished Apr. 27.
Corsets and brassières. Franco Corset Company, Inc. 205,585, Nov. 10, 1925. Republished Apr. 27.
Corsets, girdles, and brassières. Kabo Corset Company. 336,533, July 7, 1936. Republished Apr. 27.
Corsets, girdles, foundation garments, brassières, and combinations. Kabo Corset Company. 380,558, Aug. 27, 1940. Republished Apr. 27.
Dresses, Demi-Tasse, Inc. 383,649, Dec. 17, 1940. Republished Apr. 27.
Dresses and housecoats. Gail Carnogy, Incorporated. 378,755, June 18, 1940. Republished Apr. 27.
Dresses, Ladies'. Gottfried Company. 366,375, Apr. 11, 1939. Republished Apr. 27.
Garments of woolen and/or worsted fabrics. Woolen Corporation of America. 422,329, July 16, 1946. Republished Apr. 27.
Garments, Sleeping. Dr. Denton Sleeping Garment Mills. 306,150, Sept. 12, 1933. Republished Apr. 27.
Gloves, Leather and fabric. Hansen Glove Corporation. 362,259, Nov. 15, 1936. Republished Apr. 27.
Gloves, Men's unlined, knitted wool-lined, silk-lined, lamb-lined and fur-lined leather. O. C. Hansen Mfg. Co. 242,747, renewed June 5, 1948. O. G. Apr. 27.
Hats, Ladies', misses' and children's. Millinery Stores, Inc. 237,777, renewed Jan. 17, 1948. O. G. Apr. 27.
Hosiery. John Irving Shoe Corporation. 384,490, Jan. 21, 1941. Republished Apr. 27.
Hosiery and underwear. Elliott Hosiery Co. Inc. 235,842, renewed Nov. 29, 1947. O. G. Apr. 27.
Jackets, Men's. Alligator Company. 421,707, June 11, 1946. Republished Apr. 27.
Overalls. Levi Strauss & Company. 356,701, May 10, 1938. Republished Apr. 27.
Overalls and men's pants. Commerce Manufacturing Company, Inc. 415,997, Aug. 21, 1945. Republished Apr. 27.
Overalls and men's pants. Commerce Manufacturing Company, Inc. 420,011, Mar. 19, 1946. Republished Apr. 27.
Overalls and men's pants. Commerce Manufacturing Company, Inc. 420,511–12, Apr. 16, 1946. Republished Apr. 27.
Overalls and men's pants. Commerce Manufacturing Company, Inc. 420,885, May 7, 1946. Republished Apr. 27.
Overalls, Waistband type. Levi Strauss & Company. 404,248, Nov. 16, 1943. Republished Apr. 27.
Overcoats, Men's. Keller, Heumann & Thompson Company, Inc. 350,504, Sept. 28, 1937. Republished Apr. 27.
Pajamas. Amoskeag Pajama Company, Inc. 385,470, Mar. 4, 1941. Republished Apr. 27.
Robes, bath robes, lounging robes, etc., Blanket. Behrens & Kashins, Inc. 233,074, renewed Sept. 20, 1947. O. G Apr. 27.
Scarfs, neckties, belts for outer wear, etc. McCrossen Handwoven Textiles, Inc. 335,302, June 2, 1936. Amended. O. G. Apr. 27.
Shirts and pajamas, Men's and boys' outer. Rogers Peet Company. 376,202, Mar. 19, 1940. Republished Apr. 27.
Shoes. Ideal Shoe Mfg. Co. 245,212, Aug. 7, 1928. Republished Apr. 27.
Shoes. E. P. Reed & Co. 269,014, Mar. 25, 1930. Republished Apr. 27.
Shoes. United Novelty Shoe Company. 233,009, renewed Sept. 20, 1947. O. G. Apr. 27.
Shoes. E. T. Wright & Company, Inc. 350,992, Oct. 12, 1937. Republished Apr. 27.
Shoes, caps, capes, etc. Nursecraft, Inc. 290,814, Jan. 19, 1932. Republished Apr. 27.
Shoes, Men's and boys' leather, rubber, and fabric. Rogers Peet Company. 352,961, Dec. 21, 1937. Republished Apr. 27.
Socks, Men's. E. S. Jamison. 411,675, Jan. 30, 1945. Republished Apr. 27.
Suits and overcoats, Men's and boys' outer. Rogers Peet Company. 346,150–1, May 18, 1937. Republished Apr. 27.
Suits and overcoats, Men's outer. Rogers Peet Company. 352,342, Nov. 30, 1937. Republished Apr. 27.
Suits and pants, Men's and boys'. Famous-Sternberg, Inc. 365,614, Mar. 14, 1939. Republished Apr. 27.
Suits, Bathing. Greenhill & Daniel. 229,253, renewed June 21, 1947. O. G. Apr. 27.
Suits, coats, vests, etc. S. Makransky & Sons. 342,520, Jan. 19, 1937. Republished Apr. 27.
Suits, Men's and boys'. Baker Clothes, Inc. 312,408, Apr. 24, 1934. Republished Apr. 27.
Suits, Men's and boys'. Famous-Sternberg, Inc. 338,838, Sept. 15, 1936. Republished Apr. 27.
Suits, Men's and young men's. Keller Heumann & Thompson Company, Inc. 265,222, Dec. 17, 1929. Republished Apr. 27.
Suits, overcoats, hats, etc., Men's and boys'. Rogers Peet Company. 358,782, July 26, 1938. Republished Apr. 27.
Topcoats and overcoats, Men's. Fashion Park Manufacturing Corporation. 349,034, Aug. 17, 1937. Republished Apr. 27.
Tub-dresses, house-dresses, and nurses' and waitresses' uniforms, Ladies'. Henry A. Dix & Sons Company. 97,045, May 19, 1914. Republished Apr. 27.
Uniforms consisting of dresses adapted for nurses, housemaids, and waitresses. Henry A. Dix Sons Corporation. 411,113, Jan. 2, 1945. Republished Apr. 27.
Wearing apparel. Levi Strauss & Company. 358,413, July 12, 1938. Republished Apr. 27.
Wearing apparel, Men's and boys'. Rogers Peet Company. 413,956–8, May 22, 1945. Republished Apr. 27.

CLASS 40

Binding, blanket binding, bias fold tape, etc., Bias. Dumari Textile Co. Inc. 422,559, July 30, 1946. Republished Apr. 27.
Combs. John Hudson Moore, Inc. 416,701, Sept. 25, 1945. Republished Apr. 27.
Fancy goods, furnishings, and notions. Société Anonyme des Etablissements Rouzaud, Chocolat de Royat, "A la Marquise de Sévigné." 189,090, renewed Sept. 9, 1944. O. G. Apr. 27.
Tape or strips, Snap fastener. Wilson Fastener Company. 350,714, Oct. 5, 1937. Republished Apr. 27.

CLASS 42

Cloth, Billiard. Brunswick-Balke-Collender Company. 332,246–8, Feb. 4, 1936. Republished Apr. 27.
Cloth, Billiard. Brunswick-Balke-Collender Company. 344,362, Mar. 23, 1937. Republished Apr. 27.
Cloth, Billiard. Brunswick-Balke-Collender Company. 344,364–5, Mar. 23, 1937. Republished Apr. 27.
Cotton tubing, Knitted. Adler Company. 408,812, Aug. 29, 1944. Republished Apr. 27.

Fabrics in the piece, Woolen and worsted. Detmer, Bruner & Mason, Inc. 232,861, renewed Sept. 20, 1947. O. G. Apr. 27.
Fabrics in the piece, Pile. E. F. Timme & Son. 273,210, July 22, 1930. Republished Apr. 27.
Fabrics in the piece, Pile. E. F. Timme & Son. 275,937, Oct. 7, 1930. Republished Apr. 27.
Fabrics in the piece, Pile. E. F. Timme & Son. 279,704, Jan. 20, 1931. Republished Apr. 27.
Fabrics in the piece, Pile. Estate of Otto Timme. 399,716, Jan. 26, 1943. Republished Apr. 27.
Fabrics, Knitted, netted, and textile. Celanese Corporation of America. 242,545, renewed May 29, 1948. O. G. Apr. 27.
Linen, cotton, and woolen goods in the piece and combinations thereof. Wm. A. Rothholz Co. Inc. 344,531, Mar. 30, 1937. Republished Apr. 27.
Piece goods. Folkard & Lawrence, Inc. 347,149, June 15, 1937. Republished Apr. 27.
Piece goods, Woolen and tweed. London, Midland & Scottish Imports Ltd. 349,864, Sept. 7, 1937. Republished Apr. 27.
Piece goods, Woolen flannel. Folkard & Lawrence, Inc. 366,336, Apr. 11, 1939. Republished Apr. 27.

CLASS 43

Textile, comprising asbestos thread, asbestos yarn, etc., Asbestos. Keasbey & Mattison Company. 375,710, Feb. 27, 1940. Republished Apr. 27.
Textiles, comprising asbestos thread, asbestos yarn, etc., Asbestos. Keasbey & Mattison Company. 369,423, July 25, 1939. Republished Apr. 27.

CLASS 44

Dental materials. Coralite Dental Products Company. 405,905, Feb. 29, 1944. Republished Apr. 27.
Dental materials. Coralite Dental Products Company. 429,762, May 20, 1947. Republished Apr. 27.
Dental repair compound. Coralite Dental Products Company. 403,308, Sept. 14, 1943. Republished Apr. 27.
Humidifiers, Oxygen. J. H. Emerson. 350,602, Sept. 28, 1937. Republished Apr. 27.
Stethoscopes, Electronic. Malco Company, Incorporated. 412,721, Mar. 20, 1945. Republished Apr. 27.
Teeth, Acrylic. Coralite Dental Products Company. 418,487, Dec. 25, 1945. Republished Apr. 27.
Wadding, Paper. Hoberg Paper & Fibre Company. 229,517, renewed June 28, 1947 O. G. Apr. 27.

CLASS 45

Beverage, Nonalcoholic, maltless. Brownie Corporation. 233,909, renewed Oct. 11, 1947. O. G. Apr. 27.
Beverage, Non-alcoholic maltless. Dew Beverage Company, Inc. 438,547, Apr. 27; Serial No. 522,625, published Jan. 27, 1948.
Beverages and sirups. Pepsi-Cola Company. 349,886, Sept. 14, 1937. Republished Apr. 27.
Beverages, Nonalcoholic. V. Jones. 231,880, renewed Aug. 30, 1947. O. G. Apr. 27.
Beverages, Non-alcoholic maltless. All American Drinks Corp. 438,549, Apr. 27; Serial No. 523,000, published Jan. 20, 1948.
Beverages, Non-alcoholic, non-cereal, maltless. C. E. Kirchner. 438,557, Apr. 27; Serial No. 520,876.
Cranberry juice cocktail. Cranberry Canners, Inc. 378,109, May 28, 1940. Republished Apr. 27.

CLASS 46

Algin-emulsifier composition. Kelco Company. 438,544, Apr. 27; Serial No. 522,221, published Dec. 30, 1947.
Apples, apple sauce, and canned cranberries, Fresh. Ocean Spray Preserving Company. 283,437, May 26, 1931. Republished Apr. 27.
Baking soda (bicarbonate of soda). Church & Dwight Co. Inc. 438,538, Apr. 27; Serial No. 517,704, published Dec. 16, 1947.
Bouillon cubes. Maggi Co., Inc. 353,949–50, Jan. 25, 1938. Republished Apr. 27.
Bouillon cubes and granulated bouillon. Maggi Co., Inc. 353,948, Jan. 25, 1938. Republished Apr. 27.
Butter. Houston Packing Company. 340,865, Nov. 24, 1936. Republished Apr. 27.
Candies. D. L. Clark Company. 430,806, June 24, 1947. Republished Apr. 27.
Candies, cakes, bread, etc. Maramor Company. 260,337, Aug. 20, 1929. Republished Apr. 27.
Candy. C. A. Futter. 424,007, Sept. 17, 1946. Republished Apr. 27.
Candy. Great Atlantic & Pacific Tea Company. 500,137, Apr. 27; Serial No. 527,475, published Jan. 20, 1948.
Candy and confections. Little Dutch Candy Mill. 237,437, renewed Jan. 10, 1948. O. G. Apr. 27.
Candy bars, Chocolate coated. Golden Nugget Sweets Ltd. 422,918, Aug. 20, 1946. Republished Apr. 27.
Canned fish. French Sardine Company of California. 238,737, renewed Feb. 14, 1948. O. G. Apr. 27.
Canned fish and preserved fish. Strohmeyer & Arpe Company. 107,025, Nov. 9, 1915. Republished Apr. 27.
Canned fish, canned fruits and vegetables, etc. McGovern and McGovern. 238,105, renewed Jan. 24, 1948. O. G. Apr. 27.
Canned fish particularly canned salmon. Strohmeyer & Arpe Company. 206,107, Nov. 24, 1925. Republished Apr. 27.
Canned macaroni, canned tomato sauce, canned vegetables, etc. Strohmeyer & Arpe Company. 76,702, Feb. 8, 1910. Republished Apr. 27.
Canned peas, canned mushrooms, salt herrings, etc. Strohmeyer & Arpe Company. 102,768, Feb. 23, 1915. Republished Apr. 27.
Canned peas, canned mushrooms, salt herrings, etc. Strohmeyer & Arpe Company. 102,770, Feb. 23, 1915. Republished Apr. 27.
Canned peas, canned mushrooms, salt herrings, etc. Strohmeyer & Arpe Company. 103,188, Mar. 16, 1915. Republished Apr. 27.
Canned peas, canned mushrooms, salt mackerel, etc. Strohmeyer & Arpe Company. 102,769, Feb. 23, 1915. Republished Apr. 27.
Canned salmon, canned fruits, berries, etc. McGovern and McGovern. 240,114, renewed Mar. 20, 1948. O. G. Apr. 27.
Canned sardines in oil. Strohmeyer & Arpe Company. 77,679, Apr. 26, 1910. Republished Apr. 27.
Canned spaghetti. J. Bommarito & Sons. 438,528, Apr. 27; Serial No. 514,001, published Dec. 16, 1947.
Canned sweet peas and early peas. Cobb Canning Company. 500,148, Apr. 27; Serial No. 529,234.
Canned vegetables. Gillett Canning Company. 371,140, Sept. 19, 1939. Republished Apr. 27.
Canned vegetables. L. C. Grover. 438,530, Apr. 27; Serial No. 514,705, published Dec. 16, 1947.
Cereal and cowfeed, Breakfast. Maltex Company. 438,531, Apr. 27; Serial No. 514,712, published Jan. 13, 1948.
Cereal, Breakfast. Maltex Company. 438,534, Apr. 27; Serial No. 515,502, published Jan. 13, 1948.
Cheese. Caravetta Foods Co. 438,542, Apr. 27; Serial No. 520,496, published Jan. 6, 1948.
Chewing-gum. Wm. Wrigley, Jr., Company. 102,000, Jan. 19, 1915. Republished Apr. 27.
Chile powder, chile peppers, and packaged garlic. Mexican Chile Supply Company. 438,504, Apr. 27; Serial No. 502,910, published Jan. 6, 1948.
Cocoa and chocolate. Cadbury Brothers. 67,928, renewed Feb. 25, 1948. O. G. Apr. 27.
Corn starch, vanilla pudding, raspberry gelatine, etc. Blue Ribbon Products Company. 438,525, Apr. 27; Serial No. 513,021, published Dec. 16, 1947.
Cranberries, canned cranberries, and cranberry syrup, Fresh. Ocean Spray Preserving Company. 283,708, June 2, 1931. Republished Apr. 27.
Essences and flavoring extracts, Flavoring. Stevenson & Howell. 67,942, re-renewed Feb. 25, 1948. O. G. Apr. 27.
Extracts and baking powder, Flavoring. C. F. Sauer Company. 252,222, Sept. 11, 1894. Republished Apr. 27.
Feed, Poultry. Charleston Milling Company. 349,506, Aug. 31, 1937. Republished Apr. 27.
Feed supplement. Kraft Foods Company. 438,521, Apr. 27; Serial No. 512,124, published Jan. 6, 1948.
Filling for pies, cakes, and pastries. H. C. Brill Company, Inc. 266,670. Jan. 28, 1930. Republished Apr. 27.
Flour and self-rising wheat flour, Wheat. Mayflower Mills. 149,451, Dec. 13, 1921. Republished Apr. 27.
Flour, cake flour, and biscuit flour, Pancake. Charleston Milling Company. 377,744, May 14, 1940. Republished Apr. 27.
Flour made from wheat. Pillsbury Flour Mills Company. 382,935, Nov. 19, 1940. Republished Apr. 27.
Flour made from wheat. Pillsbury Flour Mills Company. 392,894, Jan. 20, 1942. Republished Apr. 27.
Flour made from wheat, self rising flour, rye flour and wheat germ. Pillsbury Flour Mills Company. 385,055, Feb. 11, 1941. Republished Apr. 27.
Flour, Wheat. Charleston Milling Company. 361,586, Oct. 25, 1938. Republished Apr. 27.
Flour, Wheat. Pillsbury Flour Mills Company. 392,893, Jan. 20, 1942. Republished Apr. 27.
Food, Dog. Houston Packing Company. 365,307, Mar. 7, 1939. Republished Apr. 27.
Food, Dog. Security Mills, Inc. 438,540, Apr. 27; Serial No. 519,224, published Oct. 14, 1947.
Food for cats and dogs. A. A. Esrick. 438,536, Apr. 27; Serial No. 515,870, published Jan. 6, 1948.
Foods and ingredients of foods. Maggi Co., Inc. 357,475, June 7, 1938. Republished Apr. 27.
Foods and ingredients of foods. Maggi Co., Inc. 366,620, Apr. 25, 1939. Republished Apr. 27.
Foods and ingredients of foods. Maggi Co., Inc. 368,818–19, July 4, 1939. Republished Apr. 27.
Foods and ingredients of foods. Maggi Co., Inc. 368,827, July 4, 1939. Republished Apr. 27.
Foods and ingredients of foods, etc. Maggi Co., Inc. 366,165, Apr. 4, 1939. Republished Apr. 27.
Fruit butters, fruit preserves, jellies, etc. Blanke-Baer Extract & Preserving Company. 391,854, Nov. 25, 1941. Republished Apr. 27.
Fruits and vegetables, Dried. R. Forrey. 438,527, Apr. 27; Serial No. 513,658, published Jan. 6, 1948.
Fruits, Fresh citrous. Damerel-Allison Co. 234,869, renewed Nov. 8, 1947. O. G. Apr. 27.

Hams, picnics, Boston butts, etc. Houston Packing Company. 309,381, Jan. 8, 1934. Republished Apr. 27.
Jelly, Fruit. Oelerich & Berry Company. 500,133, Apr. 27; Serial No. 527,148, published Jan. 27, 1948.
Macaroni, spaghetti, vermicelli, etc. Strohmeyer & Arpe Company. 72,594, Feb. 2, 1909. Republished Apr. 27.
Macaroni, spaghetti, vermicelli, etc. Strohmeyer & Arpe Company. 72,946, Mar. 2, 1909. Republished Apr. 27.
Meat preserves, canned french fruits, canned french vegetables, etc., French. Strohmeyer & Arpe Company. 75,819, Nov. 16, 1909. Republished Apr. 27.
Mixture of egg material. Red Star Yeast and Products Company. 421,472, June 4, 1946. Republished Apr. 27.
Nut meats, Salted, candied, and plain. Keiling Nut Co. 377,221, Apr. 23, 1940. Republished Apr. 27.
Oils, Salad. Strohmeyer & Arpe Company. 180,248, Feb. 26, 1924. Republished Apr. 27.
Olive oil. F. Bragno. 359,580, Aug. 23, 1938. Republished Apr. 27.
Olive oil and salad oil. Strohmeyer & Arpe Company. 171,200, July 31, 1923. Republished Apr. 27.
Olive oil, macaroni, spaghetti, etc. Strohmeyer & Arpe Company. 72,945, Mar. 2, 1909. Republished Apr. 27.
Olive-oil, salad-oil, preserved vegetables, etc. Strohmeyer & Arpe Company. 130,936, May 4, 1920. Republished Apr. 27.
Olive-oil, salad-oil, preserved vegetables, etc. Strohmeyer & Arpe Company. 139,640, Feb. 8, 1921. Republished Apr. 27.
Olive, sesame, and cotton-seed oils, etc. Strohmeyer & Arpe Company. 109,879, Apr. 18, 1916. Republished Apr. 27.
Pastes, Alimentary. Minnesota Macaroni Company. 373,305, Dec. 5, 1939. Republished Apr. 27.
Peanut butter. Cream Dove Mfg. Co. Inc. 438,523, Apr. 27; Serial No. 512,580, published Jan. 6, 1948.
Pickles. Squire Dingee Company. 53,500, June 5, 1906. Republished Apr. 27.
Pickles. Squire Dingee Company. 55,837, Aug. 21, 1906. Republished Apr. 27.
Pickles. Squire Dingee Company. 215,089, July 13, 1926. Republished Apr. 27.
Potatoes, Shoe-string. M. I. Ginsberg. 228,444, May 31, 1927. Republished Apr. 27.
Preserved and canned fish. Strohmeyer & Arpe Company. 106,521, Oct. 19, 1915. Republished Apr. 27.
Quinces, Italian olive oil, morcillas blood sausage, etc., Preserved. Strohmeyer & Arpe Company. 72,595, Feb. 2, 1905. Republished Apr. 27.
Rabbit, Frozen dressed. Jaffray Food Products Co. 438,524, Apr. 27; Serial No. 512,672, published Jan. 13, 1948.
Ration, Dog. Kasco Mills, Inc. 402,976, Aug. 24, 1943. Republished Apr. 27.
Ration or dog food, Dog. Kasco Mills, Inc. 403,888, Oct. 19, 1943. Republished Apr. 27.
Sandwiches. S. A. Wichroski. 241,811, renewed May 8, 1948. O. G. Apr. 27.
Sardines. Strohmeyer & Arpe Company. 75,219, Sept. 14, 1909. Republished Apr. 27.
Seasoning, Popcorn. Humko Company. 438,551, Apr. 27; Serial No. 523,385, published Dec. 2, 1947.
Seasonings. Maggi Co., Inc. 304,810, July 18, 1933. Republished Apr. 27.
Seasonings. Maggi Co., Inc. 313,815, June 12, 1934. Republished Apr. 27.
Seasonings. Maggi Co., Inc. 332,876, Mar. 3, 1936. Republished Apr. 27.
Shortening, Vegetable. Houston Packing Company. 339,077, Sept. 22, 1936. Republished Apr. 27.
Soup tablets. Maggi Co., Inc. 303,001, May 9, 1933. Republished Apr. 27.
Syrup, Table. Southern Sauces, Inc. 438,543, Apr. 27; Serial No. 520,773, published Dec. 30, 1947.
Tea. Great Atlantic & Pacific Tea Company. 500,136, Apr. 27; Serial No. 527,361, published Jan. 20, 1948.
Tomato products. Strohmeyer & Arpe Company. 189,304, Sept. 16, 1924. Republished Apr. 27.
Tomato-sauce. V. Del Gaizo. 67,043, re-renewed Jan. 14, 1948. O. G. Apr. 27.
Tripe, dried beef, etc. Kingan & Co. Incorporated. 337,336, Aug. 4, 1936. Republished Apr. 27.
Vegetable oil and mayonnaise and salad oil for which cottonseed oil forms a component part. Strohmeyer & Arpe Company. 151,959, Feb. 14, 1922. Republished Apr. 27.
Vegetable oil flavored with olive oil. Strohmeyer & Arpe Company. 168,571, May 29, 1923. Republished Apr. 27.
Vegetables, Fresh. G. G. Fletcher & Sons. 438,552, Apr. 27; Serial No. 523,833, published Jan. 13, 1948.
Vegetables, Fresh. Valley Produce Distributors. 438,550, Apr. 27; Serial No. 523,117, published Dec. 2, 1947.
Wheat-flour. Mayflower Mills. 45,564, Aug. 22, 1905. Republished Apr. 27.
Yeast, Compressed. Red Star Yeast and Products Co. 347,107, June 15, 1937. Republished Apr. 27.

CLASS 47

Champagne. Champagne Alberto Valdivieso S. A. 438,555, Apr. 27; Serial No. 488,891.
Wine. San Marino Wine Corporation. 400,322, Mar. 2, 1943. Republished Apr. 27.
Wines. Commercial Expansion Corp. of U. S. 438,533, Apr. 27; Serial No. 514,936, published Jan. 20, 1948.
Wines. Inglenook Vineyard Co. 438,515, Apr. 27; Serial No. 508,530, published Jan. 27, 1948.

CLASS 48

Ale and lager beers. Beverwyck Breweries, Inc. 345,323, Apr. 20, 1937. Republished Apr. 27.
Beer. Kiewel Brewing Company. 385,098, Feb. 18, 1941. Republished Apr. 27.
Beer. Geo. Wiedemann Brewing Co., Inc. 371,924, Oct. 17, 1939. Republished Apr. 27.
Malt beverage. Buckeye Brewing Company. 335,012, May 19, 1936. Republished Apr. 27.
Malt beverage. Buckeye Brewing Company. 336,369, July 7, 1936. Republished Apr. 27.
Malt beverages. Chr. Heurich Brewing Company. 308,274. Nov. 28, 1933. Republished Apr. 27.

CLASS 49

Gin. Martell's Wine & Liquor Co., Inc. 438,548, Apr. 27; Serial No. 522,934, published Jan. 27, 1948.

CLASS 50

Asbestos cloth. Keasbey & Mattison Company. 377,333, Apr. 30, 1940. Republished Apr. 27.
Corks, Bottle. Armstrong Cork Company. 411,620, Jan. 23, 1945. Republished Apr. 27.
Plastic composition material, Resilient. Armstrong Cork Company. 412,143, Feb. 20, 1945. Republished Apr. 27.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 27TH DAY OF APRIL, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Chamberlain, Clark W., East Lansing, Mich. Method and apparatus for molecular absorption of vibration. Re. 22,995, Apr. 27.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Differential detector circuits. Re. 22,996, Apr. 27.

Radio Corporation of America, assignee: *See*— Crosby, Murray G.

LIST OF DESIGN PATENTEES

Allen, John S., Montgomery, Ala. Bottle or article of similar nature. 149,394, Apr. 27.

American Machine and Metals, Inc., assignee: *See*— Johnson, Leon D.

Aminoff, Daniel, Los Angeles, Calif. Sport shirt. 149,395, Apr. 27.

Babin, Paul E., New Orleans, La. Watch band. 149,396, Apr. 27.

Baby World Company, Inc., assignee: *See*— Brecher, Irving.

Barrett, Rufus H., San Francisco, Calif. Trailer vehicle. 149,397, Apr. 27.

Bauberger, Charles W., Malverne, N. Y. Faucet. 149,398, Apr. 27.

Beall, Herbert S., Norfolk, Va. Chair. 149,399, Apr. 27.

Biro, Ladislao J., Buenos Aires, Argentina. Perfume dispenser. 149,400, Apr. 27.

Blecher, Boris, Philadelphia, Pa. Pipe stand. 149,401, Apr. 27.

Brandenburg, Edna E., New York, N. Y. Doll. 149,402, Apr. 27.

Brecher, Irving, Flushing, assignor to Baby World Company, Inc., New York, N. Y. Baby bathing device. 149,403, Apr. 27.

Bullian, Eli D., assignee: *See*— Tecca, Umberto.

Burns, Thomas R., Washington, D. C. Combination automobile and airplane. 149,404, Apr. 27.

Cascade Plastics Inc., assignee: *See*— Jahn, Herbert, and Zaremba.

Crystallite Company, assignee: *See*— Engel, Irving.

Dodds, John G., North Hollywood, A. D. MacKillop, Glendale, and C. C. Sansom, Studio City, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Flight engineer's trainer or similar device. 149,405, Apr. 27.

Ellmore Silver Co., Inc., The, assignee: *See*— Lipman, Isadore A.
Malinowski, Harry A.
McKiernan, Thomas B.

Engel, Irving, assignor to Crystallite Company, East Orange, N. J. Combined radio, clock, and lamp. 149,406, Apr. 27.

Evans, James S., San Marino, Calif. Roundabout. 149,407, Apr. 27.

Fuhs, Royal J., Louisville, Ky. Bicycle. 149,408, Apr. 27.

Giegold, Andrew G., Jr., Mount Vernon, N. Y. Book end or similar article. 149,409, Apr. 27.

Gluhareff, Michael E.: *See*— Sikorsky, Igor I., and Gluhareff.

Gregory, Everett E., Kansas City, Mo. Tobacco pipe. 149,410, Apr. 27.

Harley, Bertron G., Penn Yan, assignor to Mercury Aircraft, Inc., Hammondsport, N. Y. Frame for wheeled stroller vehicle. 149,411, Apr. 27.

Highway Trailer Company, assignee: *See*— Stephen, James.

Hotchkiss, E. H., Company, The, assignee: *See*— Peterson, Roy E.

Houston Corporation, The, assignee: *See*— Houston, Herbert W.

Houston, Herbert W., Sherman Oaks, assignor to The Houston Corporation, Los Angeles, Calif. Camera dolly. 149,412, Apr. 27.

Jackson, Robert O., Highland Park, Mich. Combined tricycle and wagon. 149,413, Apr. 27.

Jahn, Herbert, Garfield, and C. S. Zaremba, Paterson, N. J., assignors to Cascade Plastics Inc. Sewing box. 149,414, Apr. 27.

Johnson, Leon D., Sellersville, Pa., assignor to American Machine and Metals, Inc., New York, N. Y. Control knob or similar article. 149,415, Apr. 27.

Jones, Charles E., Chicago, Ill. Desk. 149,416, Apr. 27.

Jones, Charles E., Chicago, Ill. Desk. 149,417, Apr. 27.

Jones, Charles E., Chicago, Ill. Desk. 149,418, Apr. 27.

Kagan, Max, assignor to Penobscot Shoe Company, Old Town, Maine. Shoe. 149,419, Apr. 27.

Klotz, Edward C., Jr., Brookfield Township, Waukesha County, Wis., assignor to Picture Recording Company, Chicago, Ill. Automatic slide projector. 149,420, Apr. 27.

Kohn, Walter, New York, N. Y. Embroidered lace collar or similar article. 149,421, Apr. 27.

Kohn, Walter, New York, N. Y. Embroidered lace collar or similar article. 149,422, Apr. 27.

Kohn, Walter, New York, N. Y. Embroidered lace collar or similar article. 149,423, Apr. 27.

Kottle, Edward, Lynbrook, N. Y. Desk calendar. 149,424, Apr. 27.

Kurrash, Chester A., Detroit, Mich. Condiment dispenser. 149,425, Apr. 27.

Lademann, Leonard L., Detroit, Mich. Guitar. 149,426, Apr. 27.

Lindahl, Stanley E., Los Angeles, Calif. Fluorescent lighting fixture. 149,427, Apr. 27.

Lipman, Isadore A., assignor to The Ellmore Silver Co., Inc., Meriden, Conn. Spoon or other article of flatware. 149,428, Apr. 27.

Lockheed Aircraft Corporation, assignee: *See*— Dodds, John G., MacKillop, and Sansom.

Luketa, Frank J., Seattle, Wash. Combined reading stand and lamp. 149,429, Apr. 27.

Lupinski, Casimir S., Hamtramck, Mich. Automobile body. 149,430, Apr. 27.

MacKillop, Angus D.: *See*— Dodds, John G., MacKillop, and Sansom.

Malinowski, Harry A., assignor to The Ellmore Silver Co., Inc., Meriden, Conn. Spoon or other article of flatware. 149,431, Apr. 27.

Markel Electric Products, Inc., assignee: *See*— Ohm, Albert J. D.

Marks, Max J.: *See*— Schwartz, Martin W., and Marks.

McKiernan, Thomas B., assignor to The Ellmore Silver Co., Inc., Meriden, Conn. Spoon or other article of flatware. 149,432, Apr. 27.

Meigs, Richard H., assignee: *See*— Neill, Frank E.

Mercury Aircraft, Inc., assignee: *See*— Harley, Bertron G.

Miller, James B., Webster Groves, assignor to Mines Equipment Company, St. Louis, Mo. Electric attachment plug. 149,433, Apr. 27.

Mines Equipment Company, assignee: *See*— Miller, James B.

Moberg, Jerome E., Ellicottville, N. Y., assignor to A. E. Taylor, Detroit, Mich. Cabinet. 149,434, Apr. 27.

Neill, Frank E., Detroit, assignor of one-half to R. H. Meigs, Dearborn, Mich. Radio broadcast receiver. 149,435, Apr. 27.

Neller Mfg. Co., assignee: *See*— Neller, Robert J.

Neller, Robert J., assignor to Neller Mfg. Co., Appleton, Wis. Lapel and pocket badge or similar article. 149,436, Apr. 27.

Nelson, Fred P., Minneapolis, Minn. Pushcart. 149,437, Apr. 27.

Ohm, Albert J. D., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light bowl. 149,438, Apr. 27.

Ohm, Albert J. D., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light bowl. 149,439, Apr. 27.
Ohm, Albert J. D., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light bowl. 149,440, Apr. 27.
Penobscot Shoe Company, assignee: *See*—
Kagan, Max.
Peterson, Roy E., assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Staple driving machine. 149,441, Apr. 27.
Picture Recording Company, assignee: *See*—
Klotz, Edward C., Jr.
Rahthus, Max, New York, N. Y. Jewelry finding. 149,442, Apr. 27.
Ring, Lucian, Detroit, Mich. Automobile hood ornament. 149,443, Apr. 27.
Rose, Julius, Ridgewood, Long Island, N. Y. Steering wheel. 149,444, Apr. 27.
Rose, Julius, Ridgewood, Long Island, N. Y. Motor vehicle. 149,445, Apr. 27.
Rose, Julius, Ridgewood, Long Island, N. Y. Motor car. 149,446, Apr. 27.
Russell, Virgil W., Fort Worth, Tex. Miniature airplane. 149,447, Apr. 27.
Sansom, Clarence C.: *See*—
Dodds, John C., MacKillop, and Sansom.
Schwartz, Martin W., and M. J. Marks, Chicago, Ill. Electric lighting fixture. 149,448, Apr. 27.
Schwartz, Martin W., and M. J. Marks, Chicago, Ill. Electric lighting fixture. 149,449, Apr. 27.
Seamon, Abraham A., Brooklyn, N. Y. Combined billfold, coin holder, and key case. 149,450, Apr. 27.
Shuttleworth, Robert A., Buffalo, N. Y. Racing sulky. 149,451, Apr. 27.
Sikorsky, Igor I., Long Hill, and M. E. Gluhareff, Bridgeport, assignors to United Aircraft Corporation, East Hartford, Conn. Helicopter. 149,452, Apr. 27.
Stanzel, Victor, Schulenburg, Tex. Control handle for line controlled model aircraft. 149,453, Apr. 27.
Stephen, James, assignor to Highway Trailer Company, Edgerton, Wis. Body for trailer vehicles. 149,454, Apr. 27.
Stofer, Harwood B., Lakewood, Ohio. Auxiliary cradle for telephone handset. 149,455, Apr. 27.
Strub, Theodore F., Chicago, Ill. Finger ring. 149,456, Apr. 27.
Taylor, Alfred E., assignee: *See*—
Moberg, Jerome E.
Tecca, Umberto, Bridgeport, Conn., assignor of one-half to E. D. Bullian, Greenbelt, Md. Radio cabinet. 149,457, Apr. 27.
Tjaarda, John, Grosse Pointe Shores, assignor, by mesne assignments, to Training Devices, Inc., Detroit, Mich. Cabinet for a film projection unit constituting visual training and mechanical game device. 149,458, Apr. 27.
Trad, Victor, Deal, N. J. Combination radio and television cabinet. 149,459, Apr. 27.
Training Devices, Inc., assignee: *See*—
Tjaarda, John.
Tunstall, Henry J., Rockledge, Pa. Cigarette package holder or similar article. 149,460, Apr. 27.
Underwood, Gilbert S., Washington, D. C. File box. 149,461, Apr. 27.
United Aircraft Corporation, assignee: *See*—
Sikorsky, Igor I., and Gluhareff.
Vandernoot, Catherine, New York, N. Y. Rosary. 149,462, Apr. 27.
Weintraub, Jack J., Chicago, Ill. Mechanical bank. 149,463, Apr. 27.
Zaremba, Chester S.: *See*—
Jahn, Herbert, and Zaremba.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 27TH DAY OF APRIL, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice),

A P Parts Corporation, The, assignee: *See*—
Colwell, Harry E.
Acme Steel Company, assignee: *See*—
Spiller, William R., and Niederhauser.
Adel Precision Products Corp., assignee: *See*—
Goddard, Ervin S.
Kehle, Ottmar A.
Adelson, David E., Berkeley, and H. Dannenberg, Berkeley Highlands, assignors to Shell Development Company, San Francisco, Calif. Resinous polymers of unsaturated ethereal esters. 2,440,237, Apr. 27.
Agriculture, United States of America, as represented by the Secretary of, assignee: *See*—
Naghski, Joseph, White, and Hoover.
Riemenschneider, Roy W., and Turer.
Schaeffer, Benjamin B.
Air-Maze Corporation, assignee: *See*—
Hanneman, Robert G.
Aktiebolaget Atlas Diesel, assignee: *See*—
Pyk, Herman T., and Camner.
Thege, Edwin O. P.
Aktiebolaget Svenska Kullagerfabriken, assignee: *See*—
Törnebohm, Hilding V.
All American Aviation, Inc., assignee: *See*—
Cotton, Robert B.
Allard, Marc L., Valenciennes, assignor to Société Anonyme des Forges et Aciéries du Nord & de l'Est, Paris, France. Manufacture of basic steel of low phosphorus content. 2,440,564, Apr. 27.
Alley, Harold R., Northbrook, and B. F. Freeberg, Chicago, Ill. Producing mercury electrolytically from acid solutions. 2,440,238, Apr. 27.
Alley, Harold R., Northbrook, and B. F. Freeberg, Chicago, Ill. Apparatus for purifying metallic mercury. 2,440,456, Apr. 27.
Allied Chemical & Dye Corporation, assignee: *See*—
Tiddy, William.
Allis-Chalmers Manufacturing Company, assignee: *See*—
Johnson, Lauren L.
Almquist, Milton L., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Two-way carrier wave telephone system. 2,440,239, Apr. 27.
Aluminum Company of America, assignee: *See*—
Newsome, James W., Heiser, and Wall.
American Cyanamid Company, assignee: *See*—
Baker, Bernard R.
Bernstein, Seymour, and Dorfman.
Kropa, Edward L.
Thurston, Jack T.
American-La France-Foamite Corporation, assignee: *See*—
Sheppard, Allan G.
American Pipe and Steel Corporation, assignee: *See*—
Talley, Hyrum M.
American Viscose Corporation, assignee: *See*—
Battista, Orlando A.
Ames, Robert S., R. W. McCullough, and M. P. H. Peterson, assignors to Goodyear Aircraft Corporation, Akron, Ohio. Apparatus for free-blowing thermoplastic material. 2,440,499, Apr. 27.
Anderson, John E., Los Angeles, Calif. Clamping device for cables and wires and rods. 2,440,532, Apr. 27.
Anderson, Marshall N., assignor to Sellstrom Manufacturing Company, Chicago, Ill. Welder's helmet. 2,440,596, Apr. 27.
Anderson, Walter M., Sr., Montgomery, Ala. Water saver. 2,440,389, Apr. 27.
Antalek, John J., assignor to The Rauland Corporation, Chicago, Ill. Translating device. 2,440,565, Apr. 27.
Antonson, John O., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Protective covering for preventing accumulation of ice on airfoils. 2,440,240, Apr. 27.
Antonson, John O., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Ice removing apparatus for airfoils. 2,440,533, Apr. 27.
Apex Electrical Manufacturing Company, The, assignee: *See*—
Cockerill, Gerald I.
Appleton Coated Paper Company, The, assignee: *See*—
Phillips, Marin.
Armour and Company, assignee: *See*—
Lesparre, Jean N.
Armstrong, George J., Farnborough, England. Fuel supply system for internal-combustion engines. 2,440,241, Apr. 27.
Armstrong, George J., Farnborough, England. Fuel supply system for internal-combustion engines. 2,440,566, Apr. 27.
Armstrong, George J., B. Naylor, and J. E. P. Dunning, Farnborough, England. Fuel supply system for internal-combustion engines. 2,440,567, Apr. 27.
Arrow-Hart & Hegeman Electric Company, The, assignee: *See*—
Dietrich, Walter L.
Arter, Roy C., Galion, Ohio. Cartridge loading. 2,440,568, Apr. 27.
Atchison, Leonard W., Erie, Pa., assignor to General Electric Company. Selecting valve for two-temperature refrigerating systems. 2,440,534, Apr. 27.
Atlas Supply Company, assignee: *See*—
Folk, Irvin W.
Atwood, Horace, Jr., Belleville, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Television receiver antenna. 2,440,597, Apr. 27.
Auberman, Peter, Caldwell, Idaho. Receptacle filling apparatus. 2,440,354, Apr. 27.
Auer, Laszlo, South Orange, N. J. Esterified rosin modified with organic acids and making same. 2,440,242, Apr. 27.
Autogiro Company of America, assignee: *See*—
Campbell, Harris S.
Perry, Julian P.
Pitcairn, Harold F.
Pitcairn, Harold F., and Stanley.
Stanley, Paul H.
Synnestvedt, Kenneth P.
Avakian, Souren, Oreland, and G. J. Martin, assignors to The National Drug Company, Philadelphia, Pa. N-4-(quinazoline) amino benzoyl glutamic acid. 2,440,649, Apr. 27.
Bacon, Thomas P., Jr., Oakland, Calif. Vulcanizing mold. 2,440,321, Apr. 27.
Bahnson, Agnew H., Jr., Winston-Salem, N. C. Air conditioning apparatus. 2,440,627, Apr. 27.
Baker, Bernard R., Nanuet, assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Cyanothiophanes and preparing same. 2,440,659, Apr. 27.
Baldwin, Frederick G., Woodbridge, N. J. Plant pot cover. 2,440,569, Apr. 27.
Baranowski, Frank, Jr., Boston, Mass., assignor to General Electric Company. Double concentric air gap permanent magnet instrument. 2,440,535, Apr. 27.
Barcroft, William G., and M. L. Maas, Boulder, Colo. Hand motor with manually operated brake. 2,440,322, Apr. 27.
Barlow, Everett W.: *See*—
Barlow, Miriam C. and E. W.
Barlow, Miriam C., Columbus, Ga., and E. W. Barlow, Sarasota, Fla. Brassière. 2,440,426, Apr. 27.
Barrett, Dora E., El Centro, Calif. Poultry feeder. 2,440,243, Apr. 27.
Batesole, Dwight E., Glenbrook, assignor to Norma-Hoffmann Bearings Corporation, Stamford, Conn. Skate wheel structure. 2,440,650, Apr. 27.
Battista, Orlando A., Claymont, assignor to American Viscose Corporation, Wilmington, Del. Extrusion molding of viscose products. 2,440,323, Apr. 27.
Bauman, John J., Abington, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Humidity control. 2,440,628, Apr. 27.
Beckwith, Wendell K., Whitewater, assignor to Milwaukee Electric Tool Corporation, Milwaukee, Wis. Pneumatic tool. 2,440,457, Apr. 27.
Begley, John J., Arlington, assignor to Mutual Boiler Insurance Company, Boston, Mass. Tube roller. 2,440,536, Apr. 27.
Behrens, Otto K., assignor to Eli Lilly and Company, Indianapolis, Ind. Process and culture media for producing penicillin. 2,440,355, Apr. 27.
Behrens, Otto K., assignor to Eli Lilly and Company, Indianapolis, Ind. Process and culture media for the production of penicillin. 2,440,356, Apr. 27.
Behrens, Otto K., and Q. F. Soper, assignors to Eli Lilly and Company, Indianapolis, Ind. Process and culture media for producing penicillin. 2,440,357, Apr. 27.
Behrens, Otto K., and R. G. Jones, assignors to Eli Lilly and Company, Indianapolis, Ind. Process and culture media for producing penicillin. 2,440,358, Apr. 27.
Behrens, Otto K., R. G. Jones, and J. W. Corse, assignors to Eli Lilly and Company, Indianapolis, Ind. Process and culture media for producing penicillin. 2,440,359, Apr. 27.
Behrens, Otto K., and R. G. Jones, Indianapolis, Ind., and J. W. Corse, Altadena, Calif., assignors to Eli Lilly and Company, Indianapolis, Ind. Process and culture media for the production of penicillin. 2,440,360, Apr. 27.

Behrens, Otto K., and R. G. Jones, Indianapolis, Ind., and J. W. Corse, Altadena, Calif., assignors to Eli Lilly and Company, Indianapolis, Ind. Process and culture media for the production of penicillin. 2,440,361, Apr. 27.

Belar, Herbert, Palmyra, N. J., assignor to Radio Corporation of America. Exciter lamp supply. 2,440,537, Apr. 27.

Bell, Alexander H., Los Angeles, Calif., assignor to Continental Oil Company, Ponca City, Okla. Tool joint. 2,440,651, Apr. 27.

Bell Telephone Laboratories, Incorporated, assignee: *See*—
Almquist, Milton L.
Dawson, Wilfrid L.
Dimond, Thomas L.
Hecht, Rudolph A.

Belmont Radio Corporation, assignee: *See*—
Horner, Wilfred, and Wesselman.

Benbow, Burtis W., Benbow, Calif. Molding machine. 2,440,598, Apr. 27.

Bender, Emil A., Bakersfield, Calif. Crown block assembly. 2,440,427, Apr. 27.

Bendix Aviation Corporation, assignee: *See*—
Blocher, Ora G.
Jandasek, Joseph.
Marmont, George H.
Miller, Donald L.
Price, Harold W.

Bennett, Lawrence A., Industrial City, Mo. Reversible meat block and support stand. 2,440,629, Apr. 27.

Bennett, Nicholas: *See*—
Foster, Reginald T., and Bennett.

Bennett, Owen G.: *See*—
Frazer, Joseph C. W., and Bennett.

Berger Bros. Company, assignee: *See*—
Usinger, Henry E.

Bernard, Walter J., Oakland, Calif. Label feed control. 2,440,458, Apr. 27.

Bernstein, Seymour, Pearl River, and L. Dorfman, assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y. Hydrogenalysis of steroid thioacetals. 2,440,660, Apr. 27.

Best, Frank E., Indianapolis, Ind. Key bit. 2,440,428, Apr. 27.

Best, Frank E., Indianapolis, Ind. Key. 2,440,429, Apr. 27.

Best, Frank E., Indianapolis, Ind. Lock-throw mechanism. 2,440,430, Apr. 27.

Best, Frank E., Indianapolis, Ind. Lock tumbler. 2,440,431, Apr. 27.

Best, Frank E., Indianapolis, Ind. Lock core. 2,440,432, Apr. 27.

Best, Frank E., Indianapolis, Ind. Unpickable lock. 2,440,433, Apr. 27.

Best, Frank E., Indianapolis, Ind. System of locks. 2,440,434, Apr. 27.

Beverly, Nelson E., Williamstown, assignor to Sprague Electric Company, North Adams, Mass. Artificial transmission line. 2,440,652, Apr. 27.

Blakeslee, Clinton A., Middlebury, assignor to The Bristol Company, Waterbury, Conn. Mounting bracket for instrument cases. 2,440,324, Apr. 27.

Bloch, Herman S., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Synthetic drying oils. 2,440,459, Apr. 27.

Blocher, Ora G., assignor to Bendix Aviation Corporation, Detroit, Mich. Self-locking lever. 2,440,630, Apr. 27.

Block, Abraham, assignee: *See*—
Lowe, Martin.

Bocji Corporation, assignee: *See*—
Lang, Joseph C.

Bogoslowsky, Boris, Jackson Heights, N. Y. Apparatus for making convolute wound tubing from sheet material. 2,440,390, Apr. 27.

Bogoslowsky, Boris, Jackson Heights, N. Y. Apparatus for shaping tubular blanks. 2,440,391, Apr. 27.

Bonard, Claude, administrator: *See*—
Dreyfus, Henry.

Borg-Warner Corporation, assignee: *See*—
Orr, Palmer.
Wiemer, Howard C.

Bourgeois, Louis, St. Louis, Mo. Trap. 2,440,570, Apr. 27.

Bow, Horace S., assignee: *See*—
Bow, Marvin H.

Bow, Marvin H., assignor of one-half to H. S. Bow, Ardmore, Okla. Oil gauge-line wiper. 2,440,571, Apr. 27.

Braendle, Harold A.: *See*—
Wiegand, William B., and Braendle.

Brandenburg, André, and A. Jolivet; said Brandenburg assignor to M. Deloye, Paris, France. Device for the separate supply of the fuel and of the combustion air for explosion engines. 2,440,572, Apr. 27.

Brandt, Robert J., assignee: *See*—
Tomlinson, Clarence L.

Braun, Walter, Los Angeles, Calif. Slip lasted shoe with tucked in heel cover, and method. 2,440,362, Apr. 27.

Briskin, Theodore S., assignor to Excel Auto Radiator Company, Chicago, Ill. Blower. 2,440,363, Apr. 27.

Bristol Company, The, assignee: *See*—
Blakeslee, Clinton A.
Van Vessem, George E.

Brode, Charles, Scranton, Pa. Trousers. 2,440,573, Apr. 27.

Brown, Edmund K., assignor to The Torrington Company, Torrington, Conn. Double row antifriction bearing. 2,440,435, Apr. 27.

Brown, Robert O.: *See*—
Harrel, Chastain G., and Brown.

Brown, Thomas B., Arlington, Va. Electrical hook-on meter system. 2,440,244, Apr. 27.

Bruno, Samuel J., Belleville, assignor to The Thomas Wright Co., Inc., Jersey City, N. J. Safety device for dumping vehicles. 2,440,325, Apr. 27.

Budd Company, The, assignee: *See*—
Tarbox, John P.

Budway, Louis, assignee, et al.: *See*—
Edwards, Lewis E.

Burgess Battery Company, assignee: *See*—
Hirtle, Dan W.

Butler, Howard, Walsall, England. Zero meter adjuster. 2,440,392, Apr. 27.

Cadman, Norman G., London, England, assignor, by mesne assignments, to The Westinghouse Air Brake Company, Wilmerding, Pa. Air-drying apparatus. 2,440,326, Apr. 27.

California Research Corporation, assignee: *See*—
Elliott, Laverne P., and Holm.

Calvin, Harry C., assignor of one-fourth to E. C. Moody, Dothan, Ala. Switchboard plug. 2,440,661, Apr. 27.

Camner, Hilding G.: *See*—
Pyk, Herman T., and Camner.

Campbell, Harris S., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Rotor equipped aerial device. 2,440,294, Apr. 27.

Carborundum Company, The, assignee: *See*—
Rushmer, Ralph H., and Goepfert.

Catalyst Research Corporation, assignee: *See*—
Frazer, Joseph C. W., and Bennett.

Caterpillar Tractor Co., assignee: *See*—
Rosen, Carl G. A.

Celanese Corporation of America, assignee: *See*—
Dreyfus, Henry.
White, Francis T., and Daly.

Chalberg, Harry W. A., Berne, N. Y., assignor to General Electric Company. Portable cathode-ray oscilloscope. 2,440,538, Apr. 27.

Champain, Louis, New York, N. Y. Automobile and airplane wheel. 2,440,460, Apr. 27.

Champion, William J., La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Dye composition. 2,440,364, Apr. 27.

Cherry-Burrell Corporation, assignee: *See*—
Trier, Carl L., and Fogg.

Chevigny, Paul G., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Cooling of high-temperature bodies. 2,440,245, Apr. 27.

Chicago Forging and Manufacturing Company, assignee: *See*—
Deschermeier, Frank S.

Clark, Frank W., Beverly Farms, Mass. Making last-fitting fabric uppers. 2,440,393, Apr. 27.

Clarke, John E.: *See*—
Heitzer, Harry, and Clarke.

Clements, William E., Battle Creek, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Sealing the stem of hollow valves. 2,440,461, Apr. 27.

Cleveland Patents, Incorporated, assignee: *See*—
Hickok, Robert D.

Cleveland Pneumatic Tool Company, The, assignee: *See*—
Lehman, Eugene W., and Whalen.
Wallace, John F.

Cockerill, Gerald I., Cleveland Heights, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Liquid seal device. 2,440,394, Apr. 27.

Columbian Carbon Company, assignee: *See*—
Wiegand, William B., and Braendle.

Columbian Enameling & Stamping Co., Inc., assignee: *See*—
Weddle, Richard C.

Colwell, Harry E., assignor to The A P Parts Corporation, Toledo, Ohio. Bending machine. 2,440,599, Apr. 27.

Consolidated Water Power and Paper Company, assignee: *See*—
Dickerman, Gilbert K.

Continental Oil Company, assignee: *See*—
Bell, Alexander H.

Cook, George W., Washington, D. C. Voltage regulator. 2,440,246, Apr. 27.

Cooper, Lyle M., Rahway, N. J., assignor to Standard Oil Development Company. Pressure relief device. 2,440,462, Apr. 27.

Copping, Bruce G., Atlanta, Ga., and E. S. Wegman, East Longmeadow, Mass., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Metering motor operated pump for dispensing beverages. 2,440,365, Apr. 27.

Cornwall, Leo W., San Diego, Calif. Spot weld tip with replaceable insert. 2,440,463, Apr. 27.

Corrington, Murlan S., Camden, N. J., assignor to Radio Corporation of America. Locked-in oscillator circuits. 2,440,653, Apr. 27.

Corse, Joseph W.: *See*—
Behrens, Otto K., Jones, and Corse.

Corson, G. and W. H., Inc., assignee: *See*—
Minnick, Leonard J.

Cotton, Robert B., Lansdowne, Pa., assignor to All American Aviation, Inc., Wilmington, Del. Aircraft barrier. 2,440,574, Apr. 27.

Crawford, Bryce L., Jr., assignor to Regents of the University of Minnesota, Minneapolis, Minn. "Hot" double-base powder. 2,440,327, Apr. 27.

Creel, William H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalyst chamber closure. 2,440,436, Apr. 27.

Crompton & Knowles Loom Works, assignee: *See*—
Peterson, George N.

Cropp, David, Rochester, N. Y., assignor to Cropp Engineering Corporation, Warren, Pa. Molding machine. 2,440,366, Apr. 27.

Cropp, David, Rochester, N. Y., assignor to Cropp Engineering Corporation, Warren, Pa. Molding machine. 2,440,367, Apr. 27.

Cropp Engineering Corporation, assignee: *See*—
Cropp, David.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Electric motor control. 2,440,600, Apr. 27.

Daly, Arthur J.: *See*—
White, Francis T., and Daly.

Daniiln, Irving A., New York, N. Y. Sleeve head pad for garments. 2,440,368, Apr. 27.

Dannenberg, Hans: *See*—
Adelson, David E., and Dannenberg.

Dawson, John W., Auburndale, assignor to Raytheon Manufacturing Company, Newton, Mass. Welding system. 2,440,247, Apr. 27.

Dawson, Wilfrid L., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Object locating apparatus. 2,440,248, Apr. 27.

Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Key controlled numerical digit register equipped with discharge tube means. 2,440,249, Apr. 27.

Dedek, Frank, assignor to Magnetic Products Corporation, Detroit, Mich. Electromagnetic testing device. 2,440,575, Apr. 27.

DeHaas, Earnest E., Wichita, Kans. Mailbox bracket. 2,440,576, Apr. 27.

Deloraine, Edmond M., and E. Labin, New York, N. Y., and P. F. M. Gloess, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y. Radio location system. 2,440,250, Apr. 27.

Deloye, Maurice, assignee: *See*—
Brandenburg, André, and Jolivet.

Demmer, Edward U.: *See*—
Elliott, Gordon R.

Denby, Anthony F., Hackensack, N. J. Football training machine. 2,440,577, Apr. 27.

Derthick, Everest P., Russell, Ohio. Combined perambulator and cradle or the like. 2,440,539, Apr. 27.

Deschermeier, Frank S., assignor, by mesne assignments, to Chicago Forging and Manufacturing Company, Chicago, Ill. Lever release latch. 2,440,395, Apr. 27.

Devens, Joseph M., Springfield, Mass. Vending machine. 2,440,251, Apr. 27.

Dickerman, Gilbert K., assignor to Consolidated Water Power and Paper Company, Wisconsin Rapids, Wis. Production of clay suspensions. 2,440,601, Apr. 27.

Dietrich, Walter L., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Rotary switch contact assembly. 2,440,578, Apr. 27.

Dimond, Thomas L., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multivibrator. 2,440,252, Apr. 27.

Distillation Products, Inc., assignee: *See*—
Hickman, Kenneth C. D.

Ditto, Incorporated, assignee: *See*—
Champion, William J.
Little, Alfred E., and Jagger.

Doble, Abner, assignor to Stanley Steam Motors Corporation, Chicago, Ill. Speed and cutoff control means for steam engines and the like. 2,440,328, Apr. 27.

Doble, Abner, assignor to Stanley Steam Motors Corporation, Chicago, Ill. Control means for correlating supply of aspirating to aspirated fluids. 2,440,329, Apr. 27.

Dodington, Sven H. M., Forest Hills, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Pulse radar interference producer. 2,440,253, Apr. 27.

Dodson, Howard W., Yeadon, assignor to United Steel Barrel Company, Philadelphia, Pa. Chain and method and apparatus for forming same. 2,440,254, Apr. 27.

Doppelt, Max J., Chicago, Ill. Smoking device. 2,440,396, Apr. 27.

Dorfman, Louis: *See*—
Bernstein, Seymour, and Dorfman.

Dow Chemical Company, The, assignee: *See*—
Irons, Carroll R.

Drake, George F., assignor to Woodward Governor Company, Rockford, Ill. Remote-control system. 2,440,255, Apr. 27.

Dreyfus, Henry, deceased, London, England; C. Bonard, administrator, assignor to Celanese Corporation of America. Production of thermoplastic polymeric material. 2,440,256, Apr. 27.

Dreyfus, Henry, deceased, London, England; C. Bonard, administrator, assignor to Celanese Corporation of America. Improving the fastness of dyed organic derivative of cellulose textiles by impregnation with cyanamide. 2,440,330, Apr. 27.

Du Mont, Allen B., Laboratories, Inc., assignee: *See*—
Atwood, Horace, Jr.

Dunning, John E. P.: *See*—
Armstrong, George J., Naylor, and Dunning.

Du Pont, E. I., de Nemours & Company, assignee: *See*—
MacDougall, Keith K., and Labash.

Du Pont, Hubert I.: *See*—
Rostler, Fritz S., and du Pont.

Eakin, Edna S. and W. D., Akron, Ohio. Demountable support for garments and the like. 2,440,631, Apr. 27.

Eakin, Willard D.: *See*—
Eakin, Edna S. and W. D.

Eaton Manufacturing Company, assignee: *See*—
Clements, William E.

Edwards, Lewis E., Huntington Park, assignor of forty per cent to A. J. Keel, Downey, and twenty per cent to L. Budway, Huntington Park, Calif. Safety joint. 2,440,257, Apr. 27.

Eisensmith, William F., Penns Grove, N. J. Safety oiling means for car journals. 2,440,331, Apr. 27.

Elliott, Gordon R., Ferndale, Mich., assignor, by mesne assignments, to I. A. Puchner and E. U. Demmer, Milwaukee, Wis. Hydraulic pressure intensifier unit. 2,440,654, Apr. 27.

Elliott, Laverne P., Berkeley, and M. M. Holm, assignors to California Research Corporation, San Francisco, Calif. Refining of petroleum distillates. 2,440,258, Apr. 27.

Ellis, Robert, Belleville, N. J. Flagpole and operating means therefor. 2,440,500, Apr. 27.

Emery Industries, Inc., assignee: *See*—
Meyers, Latimer D., and Muckerheide.

Erickson, Carl A., Baltimore, Md. Excavating apparatus. 2,440,501, Apr. 27.

Erickson, James S., assignor to Sugar Creek Creamery Company, Danville, Ill. Immersion type refrigerating device. 2,440,397, Apr. 27.

Etgen, Elmer H., Los Angeles, Calif. Auxiliary vehicle truck. 2,440,502, Apr. 27.

Ewaldson, Waldemar C., Millington, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cutting apparatus. 2,440,464, Apr. 27.

Excel Auto Radiator Company, assignee: *See*—
Briskin, Theodore S.

Fahland, Frank, Omaha, Nebr. Crossbar support for vehicles. 2,440,437, Apr. 27.

Fanto, Emil C.: *See*—
Omohundro, Allen L., and Fanto.

Farnsworth Research Corporation, assignee: *See*—
Ferguson, Joseph C.
Salinger, Hans W. G., and Mayle.

Farr, John W., Pittsfield, Mass., assignor to General Electric Company. Transformer. 2,440,540, Apr. 27.

Fay, Charles H., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Magnetic gradiometer. 2,440,503, Apr. 27.

Federal Telephone and Radio Corporation, assignee: *See*—
Chevigny, Paul G.
Dodington, Sven H. M.
Grieg, Donald D.
Labin, Emile, and Grieg.
Pickles, Sidney B.
Riecken, William E.
Unterweiser, Paul.
Young, Norman H., Jr.

Fenwick, Ivy D., Brooklyn, N. Y. Surgical glove drying apparatus. 2,440,398, Apr. 27.

Ferguson, Joseph C., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Rectifier circuit frequency multiplier. 2,440,465, Apr. 27.

Fisher, Harmon F., Palo Alto, and A. C. Peck, Los Altos, Calif., assignors, by mesne assignments, to The Permanente Metals Corporation. Apparatus for electrophoretic separation of solids from liquids. 2,440,504, Apr. 27.

Flannery Bolt Company, assignee: *See*—
Greenslade, Grover R.

Fogg, Jesse W.: *See*—
Trier, Carl L., and Fogg.

Folk, Irvin W., Belleville, assignor to Atlas Supply Company, Newark, N. J. Interlocking means for electrical testing apparatus or the like. 2,440,505, Apr. 27.

Foster, Reginald T., Birkenhead, and N. Bennet, Ditton, England, assignors to Imperial Chemical Industries Limited. Manufacture of dichloro phenols. 2,440,602, Apr. 27.

Francis, John G., Heidelberg, near Melbourne, Victoria, Australia. Automatic feeding appliance for poultry, pigeons, and other birds. 2,440,332, Apr. 27.

Frazer, Joseph C. W., Baltimore, Md., and O. G. Bennett, Forest Hills, assignors to Catalyst Research Corporation, Pittsburgh, Pa. Time fuse element. 2,440,579, Apr. 27.

Frazier, Larry C., Lakewood, Ohio, assignor to National-Standard Company, Niles, Mich. Apparatus for building tires. 2,440,662, Apr. 27.

Freeberg, Benjamin F.: *See*—
Alley, Harold R., and Freeberg.

Freedman, Ruth, New York, N. Y. Brassière. 2,440,466, Apr. 27.

Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Knitting machine and knitting. 2,440,333, Apr. 27.

Frilette, Vincent J., New York, N. Y., assignor to Ridbo Laboratories, Inc., Paterson, N. J. Sulfur containing coating compositions. 2,440,467, Apr. 27.

Frink, Frederick W., East Orange, N. J. Calculating device. 2,440,438, Apr. 27.

Furman, George R., Beacon, assignor to The Texas Company, New York, N. Y. Automotive battery heating system. 2,440,369, Apr. 27.

Furse, Oliver L., Overton, Tex., assignor to Standard Oil Development Company. Subsurface choke. 2,440,506, Apr. 27.

Gahl, William E.: *See*—
Jakoubek, Frank J., and Gahl.

Gall, James E., Washington, D. C. Cathode-ray tube mount. 2,440,260, Apr. 27.

Garey, Calavah G.: *See*—
Kaelin, Gottfried, and Garey.

Gash, Charles B., Oak Park, Ill. Box having a drawer and a cover and interconnected latching and locking means thereof. 2,440,541, Apr. 27.

Gavin, Edward M.: *See*—
Grey, Ralph E., and Gavin.

Gazda, Antoine, Providence, R. I. Cleaner and humidifier for carburetors. 2,440,580, Apr. 27.

Gemberling, Cameron H., South Bend, Ind., assignor to The Oliver Corporation. Tractor-drawn disc plow. 2,440,581, Apr. 27.

General Electric Company, assignee: *See*—
Atchison, Leonard W.
Baranowski, Frank, Jr.
Chalberg, Harry W. A.
Farr, John W.
Jensen, Richard C.
Martin, Harold M.
Paluev, Konstantin K.

General Engineering Company, The, assignee: *See*—
Riddell, William A.

General Motors Corporation, assignee: *See*—
Henney, Charles F.

Geralds, Jerry, assignor to Mid-West Wire Products Company, Inc., Detroit, Mich. Basket structure. 2,440,507, Apr. 27.

Gerken, John C., Detroit, Mich. Window ventilator. 2,440,468, Apr. 27.

Gerlach, Joseph M., Albany, Calif. Sand blasting nozzle. 2,440,334, Apr. 27.

Gilman, Webster E., Maywood, assignor to Permoflux Corporation, Chicago, Ill. Permanent magnet electrodynamic transducer. 2,440,439, Apr. 27.

Ginzton, Edward L., Garden City, N. Y., assignor to The Sperry Corporation. Radio locator test apparatus. 2,440,261, Apr. 27.

Gloess, Paul F. M.: *See*—
Deloraine, Edmond M., Labin, and Gloess.

Goddard, Ervin S., Huntington, W. Va., assignor to Adel Precision Products Corp. Multiple clip and bracket. 2,440,469, Apr. 27.

Goepfert, George J.: *See*—
Rushmer, Ralph H., and Goepfert.

Goldberg, Daisy H.: *See*—
Jackler, Rose, and Goldberg.

Goodrich, B. F., Company, The, assignee: *See*—
Antonson, John O.

Goodyear Aircraft Corporation, assignee: *See*—
Ames, Robert S., McCullough, and Peterson.
Weiser, Earl M.

Gould, William L., Albany, N. Y. Production of arch or like supports. 2,440,508, Apr. 27.

Goulds Pumps, Inc., assignee: *See*—
Mann, John.

Gray, Thomas C., U. S. Navy. Cam actuated valve mechanism for fluid pressure engines. 2,440,259, Apr. 27.

Green, Thomas L., Oklahoma City, Okla. Building block form. 2,440,582, Apr. 27.

Greenslade, Grover R., Scott Township, Allegheny County, assignor to Flannery Bolt Company, Bridgeville, Pa. Electric contact device. 2,440,335, Apr. 27.

Greitzer, Meyer, Los Angeles, Calif. Chair. 2,440,470, Apr. 27.

Grey, Ralph E., and E. M. Gavin, Osborn, Ohio. Fuel supply system for aircraft. 2,440,262, Apr. 27.

Grieg, Donald D.: *See*—
Labin, Emile, and Grieg.

Grieg, Donald D., Forest Hills, N. Y., assignor to Federal Telephone and Radio Corporation. Monitoring circuit. 2,440,263, Apr. 27.

Grieg, Donald D., Forest Hills, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Modulator system. 2,440,264, Apr. 27.

Gross, Henry R., Chicago, Ill. Flasher. 2,440,265, Apr. 27.

Guth, Edwin F., Florissant, Mo. Lighting fixture. 2,440,603, Apr. 27.

Guyer, Walter R. F., Roselle, N. J., assignor to Standard Oil Development Company. Production of diolefins. 2,440,471, Apr. 27.

Hack, George O., Hudson, Ohio. Traction device for resilient tires and wheels. 2,440,632, Apr. 27.

Hadwiger, Oscar E., Pueblo, Colo. Edge sanding machine. 2,440,440, Apr. 27.

Hagstrom, Gotthard, New Haven, assignor, by mesne assignments, to The Pioneer Hardware Corporation, Bridgeport, Conn. Latch construction mounting means. 2,440,509, Apr. 27.

Hagstrom, Gotthard, New Haven, assignor, by mesne assignments, to The Pioneer Hardware Corporation, Bridgeport, Conn. Keeper or striker for latches and the like. 2,440,510, Apr. 27.

Hahn Baking Company, assignee: *See*—
Hahn, Henry E., Jr.

Hahn, Henry E., Jr., assignor to Hahn Baking Company, Milwaukee, Wis. Dough forming machine. 2,440,655, Apr. 27.

Hainsworth, William R., Larchmont, N. Y., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Absorption type refrigeration system. 2,440,583, Apr. 27.

Hale, George C., Dover, N. J., assignor to the United States of America, as represented by the Secretary of War. Propellant and manufacturing. 2,440,267, Apr. 27.

Hall, Joseph M., Chicago, Ill. Comparison type light measuring device. 2,440,266, Apr. 27.

Hall, Joseph W., Portland, Oreg. Saw filing tool. 2,440,633, Apr. 27.

Hanes, James W. E., assignor to Ventura Tool Company, Ventura, Calif. Tool joint. 2,440,441, Apr. 27.

Hanneman, Robert G., assignor to Air-Maze Corporation, Cleveland, Ohio. Multipointed electrode. 2,440,370, Apr. 27.

Hardy, René, Lyon, France, assignor to International Standard Electric Corporation. Electromagnetic wave direction indicator. 2,440,268, Apr. 27.

Hare, Donald G. C., Roslyn, assignor to Texaco Development Corporation, New York, N. Y. Radiation detector. 2,440,511, Apr. 27.

Hargrove, Berthal W., Mayfield, Ky. Tunable oscillator. 2,440,269, Apr. 27.

Harrel, Chastain G., and R. O. Brown, assignors to Pillsbury Mills, Inc., Minneapolis, Minn. High fat ingredients for soup and the like production. 2,440,604, Apr. 27.

Hastings, Sam H.: *See*—
Seyfried, Wilson D., and Hastings.

Hathaway, Claude M., Denver, Colo., assignor to Hathaway Instrument Company. Accelerometer. 2,440,605, Apr. 27.

Hathaway Instrument Company, assignee: *See*—
Hathaway, Claude M.

Hecht, Rudolph A., Teaneck, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical connector. 2,440,270, Apr. 27.

Heiser, Harold W.: *See*—
Newsome, James W., Heiser, and Wall.

Heltzer, Harry, and J. E. Clarke, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Lenticular reflex reflector sheet and making the same. 2,440,584, Apr. 27.

Hemphill Company, assignee: *See*—
Fregeolle, Oscar.

Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Shell feeding mechanism for rocket guns. 2,440,634, Apr. 27.

Hickman, Clarence N., Jackson Heights, N. Y., assignor to United States of America, as represented by the Secretary of War. Rocket projectile. 2,440,271, Apr. 27.

Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Preservation process. 2,440,606, Apr. 27.

Hickok, Robert D., Bratenahl, Ohio, assignor to Cleveland Patents, Incorporated. Electronic tube tester. 2,440,607, Apr. 27.

Hill, Arthur G., Greenville, S. C. Conditioning textile fibers. 2,440,399, Apr. 27.

Hill, Arthur G., Greenville, S. C. Conditioning textile fibers. 2,440,400, Apr. 27.

Hill, William A., Spokane, Wash. Engine braking apparatus. 2,440,336, Apr. 27.

Hillyer, John C.: *See*—
Schulze, Walter A., and Hillyer.

Hillyer, John C., Bartlesville, Okla., and D. A. Nieuwander, Borger, Tex., assignors to Phillips Petroleum Company. Inhibiting polymerization of furfural. 2,440,442, Apr. 27.

Hirtle, Dan W., assignor to Burgess Battery Company, Freeport, Ill. Dry battery for hearing aids. 2,440,401, Apr. 27.

Holden, Gary M., Beverly Hills, Calif. Dental clasp. 2,440,443, Apr. 27.

Holden, William B., U. S. Navy. Dehumidifying unit. 2,440,272, Apr. 27.

Holley, Earl, assignee, et al.: *See*—
Holley, George M., Jr.

Holley, George M., assignee, et al.: *See*—
Holley, George M., Jr.

Holley, George M., Jr., Grosse Pointe, Mich., assignor to G. M. and E. Holley. Emergency pump. 2,440,371, Apr. 27.

Holm, Melvin M.: *See*—
Elliott, Laverne P., and Holm.

Homeyer, August H.: *See*—
Wallingford, Vernon H., and Homeyer.

Hoover, Samuel R.: *See*—
Naghaki, Joseph, White, and Hoover.

Horberg, William, Bridgeport, Conn. Outboard work whipping inhibitor for centerless grinders. 2,440,402, Apr. 27.

Horner, Wilfred, and E. Wesselman, assignors, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill. Stage incubator for microscopes. 2,440,472, Apr. 27.

Hosmer, Frazier O., Birmingham, Ala. Pay roll record. 2,440,337, Apr. 27.

Huber, Matthew W., Watertown, N. Y., assignor to The New York Air Brake Company. Antifriction bearing. 2,440,444, Apr. 27.

Hughes, Everett C., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Volatile fluoride recovery. 2,440,542, Apr. 27.

Hughes, Everett C., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Recovery of catalyst from mixtures of hydrocarbons therewith in the liquid phase. 2,440,543, Apr. 27.

Hughes, Joseph W., Southgate, London, England. Tee for golf balls. 2,440,473, Apr. 27.

Hukill, Harry E., Los Angeles, Calif., assignor to Velva-Sole Corporation, Chicago, Ill. Orthopaedic appliance. 2,440,273, Apr. 27.

Hunter, Frank B., Roscoe, assignor to C. A. Miketta, Beverly Hills, Calif. Relief valve. 2,440,608, Apr. 27.

Huntington, Fred W., Alameda, Calif. Abrasive material for polishing. 2,440,656, Apr. 27.

Hutchinson, George W., Raleigh, N. C. Roller. 2,440,585, Apr. 27.

Ibisch, Franz O., U. S. Navy, Columbus, Wis. Hood for simulated instrument flying in multicontrol aircraft. 2,440,274, Apr. 27.

Ifield, Richard J., Ealing, London, assignor to Joseph Lucas Limited, Birmingham, England. Automatically controlling the supply of liquid fuel to prime movers. 2,440,663, Apr. 27.

Imperial Chemical Industries Limited, assignee: *See*—
Foster, Reginald T., and Bennett.

Industrial Appliance & Equipment Co., Inc., assignee: *See*—
Vogel, Leo G.

Infernational Standard Electric Corporation, assignee: *See*—
Deakin, Gerald.
Deloraine, Edmond M., Labin, and Gloess.
Hardy, René.
Kruithof, Jacob, and Kozma.
Levy, Maurice M.

Irons, Carroll R., assignor to The Dow Chemical Company, Midland, Mich. Making lap-welded articles from thermoplastic films. 2,440,664, Apr. 27.

Jackler, Rose, Brooklyn, and D. H. Goldberg, New York, N. Y. Decorative fabric for handbags. 2,440,474, Apr. 27.

Jackson, Donald, assignor to Pye Limited, Cambridge, England. Focus coil suspension for cathode ray tubes. 2,440,403, Apr. 27.

Jackson, Wilbur, Chatsworth, Ga. Clamp for barrel pumps. 2,440,372, Apr. 27.

Jacomini, Virgil V., Houston, Tex. Process and apparatus for continuous catalysis. 2,440,475, Apr. 27.

Jagger, Hubert: *See*—
Little, Alfred E., and Jagger.

Jakoubek, Frank J., Elmwood Park, and W. E. Gahl, Berwyn, assignors to Templeton, Kenly & Co. Inc., Chicago, Ill. Endless track tool. 2,440,512, Apr. 27.

James, Parker H., Indianapolis, Ind. Multiple unit furniture. 2,440,544, Apr. 27.

Jandasek, Joseph, Highland Park, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Fluid transmission. 2,440,445, Apr. 27.

Jeffrey Manufacturing Company, The, assignee: *See*—
Wright, Fred J.

Jeffrey, Max L., Shaker Heights, assignor to The National Acme Company, Cleveland, Ohio. Automatic set-back counter. 2,440,665, Apr. 27.

Jeffreys, George A., Salem, Va., assignor to N. Littell, New Canaan, Conn. Preparation of yeast and of yeast- and vitamin-rich products. 2,440,545, Apr. 27.

Jeffreys, George A., Salem, Va., assignor to N. Littell, New Canaan, Conn. Symbiotic process for preparing yeast and other products. 2,440,546, Apr. 27.

Jenkins, Paul W.: *See*—
Young, James H., and Jenkins.

Jensen, Cyril D.: *See*—
Ronay, Bela, and Jensen.

Jensen, Richard C., Scotia, N. Y., assignor to General Electric Company. Pulse generator. 2,440,547, Apr. 27.

Johansson, Gustaf E., assignor to Robur Heel Company Aktiebolag, Stockholm, Sweden. Shoe heel with exchangeable heelpiece. 2,440,404, Apr. 27.

Johnson, Lauren L., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric heating system for a plurality of objects, responsive to temperature and position thereof. 2,440,476, Apr. 27.

Johnson, Roy W., Milwaukee, Wis. Combustion responsive fuel control. 2,440,405, Apr. 27.

Johnstone, Warren W., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Synthetic drying oils. 2,440,477, Apr. 27.

Jolivet, Andre: *See*—
Brandenburg, André, and Jolivet.

Jones, Reuben G.: *See*—
Behrens, Otto K., and Jones.
Behrens, Otto K., Jones, and Corse.

Jost, Emil, Zurich, Switzerland. Shear head for electric dry shavers. 2,440,586, Apr. 27.

Joy Manufacturing Company, assignee: *See*—
Simmons, Leon E.

Kaelin, Gottfried, and C. G. Garey, Sacramento, Calif. Smokehouse rack. 2,440,513, Apr. 27.

Kaemmerling, Gustav H., assignor to Lord Manufacturing Company, Erie, Pa. Resilient mounting. 2,440,670, Apr. 27.

Karlstrom, Adolf M. R., Goteborg, Sweden. Purification of raw water from colloidal humic substances. 2,440,514, Apr. 27.

Keel, Anthony J., assignee, et al.: *See*—
Edwards, Lewis E.

Kégresse, Adolphe, Paris, France. Controlled freewheeling mechanism. 2,440,588, Apr. 27.

Kégresse, Adolphe, Paris, France. Feed device for hydraulically operated change-speed gears. 2,440,589, Apr. 27.

Kégresse, Adolphe, Paris, France. Pressure selector and corrector for bound-up automatic hydraulic transmissions. 2,440,590, Apr. 27.

Kehle, Ottmar A., West Los Angeles, Calif., assignor to Adel Precision Products Corp. Shuttle valve. 2,440,478, Apr. 27.

Keizer, Eugene O., Princeton, N. J., assignor to Radio Corporation of America. Bomb release radio system. 2,440,609, Apr. 27.

Kelcon Corporation, assignee: *See*—
Kelly, Stephen A., Jr., and Lindsay.

Kellog, Henry B.: *See*—
Young, David W., and Kellog.

Kelly, Richard, assignor to Standard Telephones and Cables Limited, London, England. Power supply system for carrier communication systems. 2,440,275, Apr. 27.

Kelly, Stephen A., Jr., Manhasset, and W. R. Lindsay, Floral Park, assignors to Kelcon Corporation, Flushing, N. Y. Convertible berth or bed lounge and like device. 2,440,515, Apr. 27.

Kenny, Richard J., Bhowra, British India. Apparatus for cooling or conditioning air or other fluids. 2,440,446, Apr. 27.

Kerr, Thomas M., Los Angeles, Calif. Fruit juice dispenser. 2,440,406, Apr. 27.

Kerrigan, Katherine, Waverly, N. Y. Manufacture of shoulder pads. 2,440,548, Apr. 27.

Kimberlin, Carna M., assignor to Red Ball Manufacturing Company, Spokane, Wash. Engine cooling liquid heater. 2,440,610, Apr. 27.

Kincannon, Leo T., assignor to Metal Products Corporation, Milwaukee, Wis. Outboard motor lubrication. 2,440,338, Apr. 27.

Kiser, Fred H., Los Angeles, Calif. Necktie cabinet having outwardly swingable rack. 2,440,549, Apr. 27.

Klein, Abraham A., Tel Aviv, Palestine. Brewing method using albedo in wort. 2,440,276, Apr. 27.

Knight, William W., Birmingham, Ala. Supplementary exhaust port for steam locomotives. 2,440,373, Apr. 27.

Kozma, Ladislas: *See*—
Kruithof, Jacob, and Kozma.

Krall, Michael J., Newark, N. J. Curb guiding signal. 2,440,587, Apr. 27.

Kropa, Edward L., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Polyester-polyamide condensation products and producing the same. 2,440,516, Apr. 27.

Kruithof, Jacob, and L. Kozma, Antwerp, Belgium, assignors to International Standard Electric Corporation, New York, N. Y. Calling line identification system. 2,440,277, Apr. 27.

Kuenstner, Ernst K., Milwaukee, Wis. Adjustable hatband. 2,440,407, Apr. 27.

Labash, John A.: *See*—
MacDougall, Keith K., and Labash.

Labin, Emile: *See*—
Deloraine, Edmond M., Labin, and Gloess.

Labin, Emile, New York, and D. D. Grieg, Forest Hills, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J. Pulse selecting and eliminating system. 2,440,278, Apr. 27.

Lackie, Arthur H., Duluth, Minn. Ship hull construction. 2,440,408, Apr. 27.

Lang, Joseph C., Pittsburgh, Pa., assignor to Bocji Corporation. Stapling apparatus. 2,440,479, Apr. 27.

Langer, Walter, New York, N. Y. Tube of flexible composite sheet material and the manufacture thereof. 2,440,339, Apr. 27.

Larkins, John S., Jr., Scotia, N. Y. Cable connector. 2,440,279, Apr. 27.

Larson, Arthur G., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus for reversible locomotives. 2,440,340, Apr. 27.

Lawson, Robert H., Lakeport, assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitting machine and knitting. 2,440,280, Apr. 27.

Lebedinsky, Myron, Montlucon, assignor to Societe Anonyme de Telecommunications, Paris, France. Device for the transmission of calling and clearing signals in long distance telephonic circuits. 2,440,281, Apr. 27.

Leghorn, George R., San Francisco, Calif. Aerial bomb. 2,440,282, Apr. 27.

Lehman, Eugene W., West Cleveland, and E. M. Whalen, assignors to The Pneumatic Tool Company, Cleveland, Ohio. Fastener. 2,400,341, Apr. 27.

Lehmann, Herbert G., Bridgeport, Conn. Bracket mounting. 2,440,409, Apr. 27.

Leonard, John T., Evanston, Ill. Lubricating apparatus. 2,440,410, Apr. 27.

Leonard, John T., Evanston, Ill. Double-acting pump. 2,440,411, Apr. 27.

Lesparre, Jean N., assignor to Armour and Company, Chicago, Ill. Coated meat product and process. 2,440,517, Apr. 27.

Levy, Maurice M., London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Balancing of electrical bridge circuits containing nonlinear elements. 2,440,283, Apr. 27.

Levy, Maurice M., London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Thermionic valve circuits. 2,440,284, Apr. 27.

Lewis, Clay E., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical insulation testing apparatus. 2,440,480, Apr. 27.

Lewis, Frederick G., and C. P. Stephen, Stockton, Calif. Endless track type row crop tractor. 2,440,518, Apr. 27.

Lewis, Warren K., Cambridge, Mass., assignor to Standard Oil Development Company. Preventing erosion in fluidized catalytic cracking of hydrocarbons. 2,440,591, Apr. 27.

Lichtenwalter, Myrl, Old Greenwich, Conn., assignor to Nicaro Nickel Company, New York, N. Y. Separation of copper. 2,440,612, Apr. 27.

Lilly, Ell, and Company, assignee: *See*—
Behrens, Otto K.
Behrens, Otto K., and Jones.
Behrens, Otto K., Jones, and Corse.
Behrens, Otto K., and Soper.

Lindsay, William R.: *See*—
Kelly, Stephen A., Jr., and Lindsay.

Littell, Nelson, assignee: *See*—
Jeffreys, George A.

Little, Alfred E., Chicago, and H. Jagger, Maywood, assignors to Ditto, Incorporated, Chicago, Ill. Feed tray for duplicating apparatus. 2,440,635, Apr. 27.

Lockheed Aircraft Corporation, assignee: *See*—
Sandorff, Paul E.

Longenecker, Levi S., Mount Lebanon, Pa. Smelting furnace. 2,440,374, Apr. 27.

Lord Manufacturing Company, assignee: *See*—
Kaemmerling, Gustav H.

Lowe, Martin, assignor of one-half to A. Block, New York, N. Y. Clothes hanger. 2,440,636, Apr. 27.

Lowe, Martin, assignor of one-half to A. Block, New York, N. Y. Clothes hanger. 2,440,637, Apr. 27.

Lowery, Frank L., Oklahoma City, Okla. Portable device for pasting wallpaper. 2,440,481, Apr. 27.

Lucas, Joseph, Limited, assignee: *See*—
Ifield, Richard J.

Lykken, Henry G. and W. H., Minneapolis, Minn. Pulverizing and classifying machine having a rotor comprising superimposed sections. 2,400,285, Apr. 27.

Lykken, William H.: *See*—
Lykken, Henry G. and W. H.

Lyon, George A., Allenhurst, N. J. Wheel cover. 2,440,638, Apr. 27.

Maas, Mabel L.: *See*—
Barcroft, William G., and Maas.

MacDougall, Keith K., Chambley Canton, Quebec, and J. A. Labash, Hamilton, Ontario, Canada, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Soldering flux. 2,440,502, Apr. 27.

Magnetic Products Corporation, assignee: *See*—
Dedek, Frank.

Mallinckrodt Chemical Works, assignee: *See*—
Wallingford, Vernon H., and Homeyer.

Mann, John, assignor to Goulds Pumps, Inc., Seneca Falls, N. Y. Pumping apparatus. 2,440,611, Apr. 27.

Marmont, George H., assignor to Bendix Aviation Corporation, Detroit, Mich. Electronic distributor. 2,440,639, Apr. 27.

Martin, Charles H., Huntington Park, assignor to H. B. and S. Rapp, co-partners doing business as Towner Manufacturing Co., Santa Ana, Calif. Tractor-conveyed implement and hitch therefor. 2,440,550, Apr. 27.

Martin, Gustav J.: *See*—
Souren, Avakian, and Martin.
Urist, Harold, and Martin.

Martin, Harold M., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine with cooling means. 2,440,551, Apr. 27.

Martin, Homer Z., Roselle, N. J., assignor to Standard Oil Development Company. Process and apparatus for contacting fluids with powdered solids. 2,440,482, Apr. 27.

Marton, Ladislaus, Washington, D. C., assignor to Research Corporation, New York, N. Y. Electron microanalyzer. 2,440,640, Apr. 27.

Mayle, Albert T., Jr.: *See*—
Salinger, Hans W. G., and Mayle.

Mayne, Robert, Akron, Ohio. Apparatus for manifesting acceleration. 2,440,342, Apr. 27.

McAllister, Sumner H., Lafayette, assignor to Shell Development Company, San Francisco, Calif. Interpolymerization of isoamylenes with normal butenes and isobutene. 2,440,286, Apr. 27.

McCleary, Rush F., Beacon, assignor to The Texas Company, New York, N. Y. Lubricating oil. 2,440,375, Apr. 27.

McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix, assignor to Stewart-Warner Corporation, Chicago, Ill. Internal-combustion heater with expansible fuel reservoir. 2,440,447, Apr. 27.

McCollum, Thelma, executrix: *See*—
McCollum, Henry J. De N.

McCullough, Robert W.: *See*—
Ames, Robert S., McCullough, and Peterson.

McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control system. 2,440,343, Apr. 27.

McGill, Allen: *See*—
Strickland, George M., and McGill.

McKesson & Robbins, Incorporated, assignee: *See*—
Omohundro, Allen L., and Fanto.

Melchionna, Frank A., Cincinnati, Ohio. Heel brace. 2,440,412, Apr. 27.

Mennesson, Marcel, Neuilly-sur-Seine, assignor to Societe D'Appareils de Contrôle et Equipement des Moteurs (S. A. C. E. M.), Neuilly-sur-Seine (Seine), France. Control device for internal-combustion engines. 2,440,483; Apr. 27.

Metal Products Corporation, assignee: *See*—
Kincannon, Leo T.

Mid-West Wire Products Company, Inc., assignee: *See*—
Geralds, Jerry.

Miketta, Casimir A., assignee: *See*—
Hunter, Frank B.

Miller, Donald L., Pine City, assignor to Bendix Aviation Corporation, Elmira Heights, N. Y. Engine starter drive. 2,440,657, Apr. 27.

Miller, Ellen W., assignor of one-fifth to W. E. Neely, Rochester, N. Y. Bib. 2,440,666, Apr. 27.

Miller, Harry B., Providence, R. I. Radial vane pump mechanism. 2,440,593, Apr. 27.

Milwaukee Electric Tool Corporation, assignee: *See*—
Beckwith, Wendell K.

Minnesota Mining & Manufacturing Company, assignee: *See*—
Heltzer, Harry, and Clarke.

Minnick, Leonard J., Cheltenham, assignor to G. and W. H. Corson, Inc., Plymouth Meeting, Pa. Obtaining barium carbonates. 2,440,641, Apr. 27.

Mittell, Peter, assignor to Windsor Case Company, Inc., Providence, R. I. Spectacle case. 2,440,552, Apr. 27.

Mock, Clara L., Hamilton, Kans. Braid-stitch crochet hook. 2,440,413, Apr. 27.

Montgomery, George B., Castle-Douglas, Scotland. Lens coupling mount. 2,440,344, Apr. 27.

Moody, Earle C.: *See*—
Calvin, Harry C.

Mooney, Edward, Venice, Calif. Motor fan blade control. 2,440,519, Apr. 27.

Morrison, Montford, Upper Montclair, N. J. Amplifier system. 2,440,553, Apr. 27.

Muckerheide, Victor J.: *See*—
Myers, Latimer D., and Muckerheide.

Mutual Boiler Insurance Comuany, assignee: *See*—
Begley, John J.

Myers, Latimer D., Cincinnati, and V. J. Muckerheide, Silverton, assignors to Emery Industries, Inc., Cincinnati, Ohio. Dibasic acid drying oils. 2,440,667, Apr. 27.

Myers, Richard A., assignor to Warren Plastics Corporation, Warren, Pa. Molding machine. 2,440,376, Apr. 27.

Myers, Stuart J., assignor to Warren Plastics Corporation, Warren, Pa. Molding machine. 2,440,377, Apr. 27.

Naghski, Joseph, Philadelphia, Pa., J. W. White, Jr., Washington, D. C., and S. R. Hoover, Philadelphia, Pa., assignors to United States of America as represented by the Secretary of Agriculture. Recovery of rubber in plants by fermenting with clostridium. 2,440,554, Apr. 27.

National Acme Company, The, assignee: *See*—
Jeffrey, Max L.

National Drug Company, The, assignee: *See*—
Souren, Avakian, and Martin.
Urist, Harold, and Martin.

National Fitch Corporation, assignee: *See*—
Norbom, Ragnar A.

National-Standard Company, assignee: *See*—
Frazier, Larry C.

Naylor, Beatrice: *See*—
Armstrong, George J., Naylor, and Dunning.

Neel, Carr B., Palo Alto, Calif. Aircraft carrier. 2,440,345, Apr. 27.

Neely, William E., assignee: *See*—
Miller, Ellen W.

Newsome, James W., Belleville, H. W. Heiser, East St. Louis, and J. R. Wall, Collinsville, Ill., assignors to Aluminum Company of America, Pittsburgh, Pa. Treatment of sodium aluminate solutions. 2,440,378, Apr. 27.

New York Air Brake Company, The, assignee: *See*—
Huber, Matthew W.

Nicaro Nickel Company, assignee: *See*—
Lichtenwalter, Myrl.

Nicewander, Daniel A.: *See*—
Hillyer, John C., and Nicewander.

Niederhauser, Robert J.: *See*—
Spiller, William R., and Niederhauser.

Norbom, Ragnar A., New York, N. Y., assignor to National Fitch Corporation. Transport vehicle. 2,440,379, Apr. 27.

Norma-Hoffmann Bearings Corporation, assignee: *See*—
Batesole, Dwight E.

Oblad, Alex G., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Production of cyclohexane. 2,440,414, Apr. 27.

Ohio Crankshaft Company, The, assignee: *See*—
Strickland, Harold A., Jr.

Oilfields Service Co., assignee: *See*—
Smith, Fred D.

Oliver Corporation, The, assignee: *See*—
Gemberling, Cameron H.

Olson, Eric, Beloit, Wis. Razor blade sharpener. 2,440,520, Apr. 27.

Omohundro, Allen L., Wilton, and E. C. Fanto, Fairfield, assignors to McKesson & Robbins, Incorporated, Bridgeport, Conn. Abietate ester hair dressing. 2,440,555, Apr. 27.

Opperman, Harry E., Jr.: *See*—
Opperman, Harry E., Sr., and H. E., Jr.

Opperman, Harry E., Sr., and H. E., Jr., Los Angeles, Calif. Pessary. 2,440,521, Apr. 27.

Oravetz, Albert S., New York, N. Y. Electronic power tube tester. 2,440,287, Apr. 27.

Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,440,613, Apr. 27.

Ost, Clarence S., Atlantic City, N. J. Stop for dial indicators. 2,440,522, Apr. 27.

Oswald, Louis, Los Angeles, Calif. Land leveler. 2,440,642, Apr. 27.

Paluev, Konstantin K., Pittsfield, Mass., assignor to General Electric Company. Electrical apparatus. 2,440,556, Apr. 27.

Paulus, Charles L., and R. K. Stout, Dayton, Ohio. Electrical socket. 2,440,288, Apr. 27.

Payne, William H., Hinsdale, Ill. Automatically controlling arc furnace electrodes. 2,440,380, Apr. 27.

Peck, Albert C.: *See*—
Fisher, Harmon F., and Peck.

Pensyl, Daniel S., Garden City, N. Y., assignor to The Sperry Corporation. Automatic volume control for pulse systems. 2,440,289, Apr. 27.

Permanente Metals Corporation, The, assignee: *See*—
Fisher, Harmon F., and Peck.

Permoflux Corporation, assignee: *See*—
Gilman, Webster E.

Perry, Julian P., Holicong, assignor to Autogiro Company of America, Philadelphia, Pa. Rotor equipped aerial device. 2,440,296, Apr. 27.

Peterson, George N., Grafton, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread holder for multi-stack magazines. 2,440,523, Apr. 27.

Peterson, Mauritz P. H.: *See*—
Ames, Robert S., McCullough, and Peterson.

Pettinos, George F., Merion, Pa. Sandblast nozzle. 2,440,643, Apr. 27.

Philco Corporation, assignee: *See*—
Bauman, John J.

Phillips, Harry, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Firing mechanism for guns. 2,440,381, Apr. 27.

Phillips, Marin, assignor to the Appleton Coated Paper Company, Appleton, Wis. Paper drying apparatus. 2,440,346, Apr. 27.

Phillips Petroleum Company, assignee: *See*—
Creel, William H.
Hillyer, John C., and Nicewander.
Schulze, Walter A., and Hillyer.
Vinyard, Roy E.

Pickles, Sidney B., Jackson Heights, assignor to Federal Telephone and Radio Corporation, New York, N. Y. High-frequency cable and balancing the same. 2,440,290, Apr. 27.

Pillsbury Mills, Inc., assignee: *See*—
Harrel, Chastain G., and Brown.

Pioneer Hardware Corporation, The, assignee: *See*—
Hagstrom, Gotthard.

Piper, Edward W., Woodbrook, Md. Game pointer and scorer. 2,440,415, Apr. 27.

Pitcairn, Harold F., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Rotor equipped aerial device. 2,440,291, Apr. 27.

Pitcairn, Harold F., Bryn Athyn, and P. H. Stanley, Huntingdon Valley, assignors to Autogiro Company of America, Philadelphia, Pa. Rotor equipped aerial device. 2,440,292, Apr. 27.

Pittman, Ralph R., Little Rock, Ark. Voltage-limiting arc interrupter. 2,440,484, Apr. 27.

Poitras, Joseph A., Fort Lee, N. J., assignor to Solar Manufacturing Corporation, New York, N. Y. Stacking machine. 2,440,347, Apr. 27.

Postel, Kenneth L., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,440,614, Apr. 27.

Powell, David M., La Junta, Colo. Rotary seat attachment for barber chairs. 2,440,644, Apr. 27.

Power, Clifton W., Los Angeles, Calif. Fabric building. 2,440,557, Apr. 27.

Price, Harold W., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission operating mechanism. 2,440,558, Apr. 27.

Proudfoot, Alvan A., assignee: *See*—
Proudfoot, Charles B.

Proudfoot, Charles B., Oak Ridge, Tenn., assignor of one-fourth to A. A. Proudfoot, Buffalo, N. Y. Vacuum rotary drum drier having means to compress evacuated vapors. 2,440,416, Apr. 27.

Puchner, Irving A.: *See*—
Elliott, Gordon R.

Purcell, Peter E., Portland, Oreg. Loader for grease guns. 2,440,448, Apr. 27.

Pye Limited, assignee: *See*—
Jackson, Donald.

Pyk, Herman T., Saltsjo-Duvnas, and H. G. Camner, Storagen, assignors to Aktiebolaget Atlas Diesel, Sickla near Stockholm, Sweden. Scavenging for two-stroke cycle engines. 2,440,645, Apr. 27.

Radio Corporation of America, assignee: *See*—
Belar, Herbert.
Corrington, Murlan S.
Crosby, Murray G.
Keizer, Eugene O.
Solomon, Myer.
Tourshou, Simeon I.
Usselman, George L.

Radio Patents Corporation, assignee: *See*—
Rath, Karl.

Raemer, Lloyd R., Chicago, Ill. Portable building structure. 2,440,449, Apr. 27.

Rains, Bertram V., Raymondville, Tex. Combined cleaner, drier, and grainery. 2,440,524, Apr. 27.

Ranseen, Mauritz C., Minneapolis, Minn. Cap-lifting bottle opener. 2,440,485, Apr. 27.

Rapp, Howard B., assignee, et al.: *See*—
Martin, Charles H.

Rapp, Sally, assignee, et al.: *See*—
Martin, Charles H.

Rath, Karl, assignor to Radio Patents Corporation, New York, N. Y. Variable frequency continuous balance motor control system. 2,440,486, Apr. 27.

Rauland Corporation, The, assignee: *See*—
Antalek, John J.

Rayburn, Vincent A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Corrosion resistant filter. 2,440,487, Apr. 27.

Raytheon Manufacturing Company, assignee: *See*—
Dawson, John W.

Red Ball Manufacturing Company, assignee: *See*—
Kimberlin, Carna M.

Regents of the University of Minnesota, assignee: *See*—
Crawford, Bryce L., Jr.

Reichman, Alexander, South Bend, Ind., assignor to The Studebaker Corporation, South Bend, Ind. Dump body control mechanism. 2,440,559, Apr. 27.

Research Corporation, assignee: *See*—
Marton, Ladislaus.
White, Harry J.

Rice, Clifford M., Alexandria, Va. Drain. 2,440,594, Apr. 27.

Ridbo Laboratories, Inc., assignee: *See*—
Frilette, Vincent J.

Riddell, William A., assignor to The General Engineering Company, Frederick, Md. Tuyère. 2,440,382, Apr. 27.

Riecken, William E., deceased, by W. E. Riecken, Jr., administrator, Leonia, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Apparatus for and method of electroforming of rectifier elements. 2,440,297, Apr. 27.

Riecken, William E., Jr., administrator: *See*—
Riecken, William E.

Riemenschneider, Roy W., Glenside, and J. Turer, Philadelphia, Pa., assignors to the United States of America, as represented by the Secretary of Agriculture. Synergistic antioxidant composition of the acidic type. 2,440,383, Apr. 27.

Robertson, H. H., Company, The, assignee: *See*—
Young, James H., and Jenkins.

Robur Heel Company Aktiebolag, assignee: *See*—
Johansson, Gustaf E.

Roethell, Bruno E., Cranford, N. J., assignor to Standard Oil Development Company. Dehydrogenation of hydrocarbons. 2,440,525, Apr. 27.

Rogers, Dilworth T.: *See*—
Winning, Carl, and Rogers.

Ronay, Bela, and C. D. Jensen, Annapolis, Md. Brazing steel shaft and flange assemblies. 2,440,298, Apr. 27.

Root, John J., New York, N. Y. Grinding piezoelectric crystals. 2,440,348, Apr. 27.

Rose, Paul R.: *See*—
Walter, Harold J., and Rose.

Rosen, Carl G. A., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Oil accumulation drain means for radial engines. 2,440,488, Apr. 27.

Rosen, Raphael, Elizabeth, and J. C. Zimmer, Union, N. J., assignors to Standard Oil Development Company. Dehydrating aqueous mixtures. 2,440,489, Apr. 27.

Rostler, Fritz S., Newark, and H. I. du Pont, Wilmington, Del., assignor to Wilmington Chemical Corporation, New York, N. Y. Compounding rubbery materials. 2,440,209, Apr. 27.

Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,440,615, Apr. 27.

Rushmer, Ralph H., and G. J. Goepfert, assignors to The Carborundum Company, Niagara Falls, N. Y. Resin bonded abrasive article. 2,440,300, Apr. 27.

Rust, John D., Memphis, Tenn. Spindle slats for cotton harvesters. 2,440,450, Apr. 27.

St. Laurence, Ernest J., Minneapolis, Minn. Automatic fire door for parts washers. 2,440,619, Apr. 27.

Salinger, Hans W. G., and A. T. Mayle, Jr., Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation. Electron beam centering system. 2,440,490, Apr. 27.

Sandorff, Paul E., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Apparatus for testing panels and the like. 2,440,616, Apr. 27.

Schaeffer, Benjamin B., Upper Darby, Pa., assignor to United States of America, as represented by Secretary of Agriculture. Preparing an alkylolamide of trihydroxystearic acid. 2,440,349, Apr. 27.

Schenké, Kurtiss P., New York, N. Y. Self-cleaning strainer. 2,440,384, Apr. 27.

Schulte, Charles F., Columbus, Ohio. Toothbrush holder. 2,440,385, Apr. 27.

Schulze, Walter A., and J. C. Hillyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Inhibiting polymerization of furfural. 2,440,451, Apr. 27.

Schwander, Erwin F., Reichshoffen, assignor to Societe d'Etudes des Vehicules "Sev," Reichshoffen (Bas-Rhin), France. Oil burner. 2,440,491, Apr. 27.

Scott & Williams, Incorporated, assignee: *See*—
Lawson, Robert H.

Seebold, James E., assignor to Standard Oil Company, Chicago, Ill. Oil desalting technique. 2,440,617, Apr. 27.

Sellstrom Manufacturing Company, assignee: *See*—
Anderson, Marshall N.

Servel, Inc., assignee: *See*—
Hainsworth, William R.

Seyfried, Wilson D., Wooster, and S. H. Hastings, Baytown, Tex., assignors to Standard Oil Development Company. Production of diolefins. 2,440,492, Apr. 27.

Shafer, Walter S., Roseland, N. J. Door latch. 2,440,350, Apr. 27.

Sharpe, Jack, Wembley, England. Signal reproducing system. 2,440,301, Apr. 27.

Shell Development Company, assignee: *See*—
Adelson, David E., and Dannenberg.
Fay, Charles H.
McAllister, Sumner H.
Yates, Wallace J.

Sheppard, Allan G., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Two-stage pump. 2,440,560, Apr. 27.

Sherman, John Q., deceased, by K. M. Sherman, W. C. Sherman, and W. B. Turner, executors, Dayton, Ohio. Separating machine. 2,440,302, Apr. 27.

Sherman, Katherine M., executor: *See*—
Sherman, John Q.

Sherman, William C., executor: *See*—
Sherman, John Q.

Shipley, George H., Jr., Baytown, Tex., assignor to Standard Oil Development Company. Separating butadiene and acetylene from a hydrocarbon mixture. 2,440,493, Apr. 27.

Showacre, Frank A., Bethesda, Md. Differential railroad car wheel axle. 2,440,351, Apr. 27.

Silverstein, Martin S., Camden, N. J. Increasing the resistance of red phosphorous to oxidation. 2,440,303, Apr. 27.

Simmons, Leon E., Claremont, N. H., assignor to Joy Manufacturing Company. Clutch and brake control. 2,440,304, Apr. 27.

Singer, Otto, London, England. Track wheel for vehicles. 2,440,417, Apr. 27.

Skinner, Leslie A., U. S. Army, Washington, D. C., assignor to the United States of America, as represented by the Secretary of War. Rocket projectile. 2,440,305, Apr. 27.

Smith, Alva, administratrix: *See*—
Smith, Leathem D.

Smith, Fred D., assignor to Oilfields Service Co., Long Beach, Calif. Quick action coupling. 2,440,452, Apr. 27.

Smith, Fred S., Blackwell, Darlington, England. Fasteners for bags, cases, and other containers. 2,440,595, Apr. 27.

Smith, Leathem D., deceased, Sturgeon Bay, Wis.; A. Smith, administratrix. Container ship for handling package freight. 2,440,306, Apr. 27.

Smith, Leathem D., deceased, Sturgeon Bay, Wis.; A. Smith, administratrix. Ship hold. 2,440,307, Apr. 27.

Societe Anonyme de Telecommunications, assignee: *See*—
Lebedinsky, Myron.

Société Anonyme des Forges et Aciéries du Nord & de l'Est, assignee: *See*—
Allard, Marc L.

Societe D'Appareils de Contrôle et Equipment des Moteurs (S. A. C. E. M.), assignee: *See*—
Mennesson, Marcel.

Societe d'Etudes des Vehicules "Sev," assignee: *See*—
Schwander, Erwin F.

Socony-Vacuum Oil Company, Incorporated, assignee: *See*—
Oblad, Alex G.

Solar Manufacturing Corporation, assignee: *See*—
Poltras, Joseph A.

Solomon, Myer, deceased, Westmont, by N. W. Solomon, Princeton, N. J., administratrix, assignor to Radio Corporation of America. Fibrous sheet material for the electrolytic formation of an azo dyestuff thereon. 2,440,526, Apr. 27.

Solomon, Nellie W., administratrix: *See*—
Solomon, Myer.

Soper, Quentin F.: *See*—
Behrens, Otto K., and Soper.

Sparks, William J., Elizabeth, and R. M. Thomas, Union, N. J., assignors to Standard Oil Development Company. Low-temperature polymerization of butadiene in the presence of methallyl chloride. 2,440,494, Apr. 27.

Sperry Corporation, The, assignee: *See*—
Ginzton, Edward L.
Pensyl, Daniel S.

Spiller, William R., and R. J. Niederhauser, Dayton, Ohio, assignors, by mesne assignments, to Acme Steel Company, Chicago, Ill. Stitching machine. 2,440,618, Apr. 27.

Sprague Electric Company, assignee: *See*—
Beverly, Nelson E.

Standard Oil Company, assignee: *See*—
Hughes, Everett C.
Seebold, James E.
Voorhees, Vanderveer.

Standard Oil Development Company, assignee: *See*—
Cooper, Lyle M.
Furse, Oliver L.
Guyer, Walter R. F.
Lewis, Warren K.
Martin, Homer Z.
Roethell, Bruno E.
Rosen, Raphael, and Zimmer.
Seyfried, Wilson D., and Hastings.
Shipley, George H., Jr.
Sparks, William J., and Thomas.
Taff, Wilfred O.
Winning, Carl, and Rogers.
Young, David W., and Kellog.

Standard Telephones and Cables Limited, assignee: *See*—
Kelly, Richard.

Stanley, Paul H.: *See*—
Pitcairn, Harold F., and Stanley.

Stanley, Paul H., Huntingdon Valley, assignor to Autogiro Company of America, Philadelphia, Pa. Rotor equipped aerial device. 2,440,293, Apr. 27.

Stanley Steam Motors Corporation, assignee: *See*—
Doble, Abner.

Stein, Frederick W., Atchison, Kans. Cell for measuring the electrical characteristics of materials. 2,440,386, Apr. 27.

Stephen, Charles P.: *See*—
Lewis, Frederick G., and Stephen.

Stewart-Warner Corporation, assignee: *See*—
McCollum, Henry J. De N.

Stirton, Robert I., Redondo Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Catalyst. 2,440,236, Apr. 27.

Storck, Edward A., Manasquan, N. J., assignor to the United States of America, as represented by the Secretary of War. Oscillator structure. 2,440,308, Apr. 27.

Stout, Raymond K.: *See*—
Paulus, Charles L., and Stout.

Strickland, George M., and A. McGill, Daytona Beach, Fla. Warning signaling apparatus. 2,440,453, Apr. 27.

Strickland, Harold A., Jr., Detroit, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio. Capacitor translating system. 2,440,309, Apr. 27.

Studebaker Corporation, The, assignee: *See*—
Reichman, Alexander.

Sugar Creek Creamery Company, assignee: *See*—
Erickson, James S.

Synnestvedt, Kenneth P., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Rotor equipped aerial device. 2,440,295, Apr. 27.

Taff, Wilfred O., Roselle, N. J., assignor to Standard Oil Development Company. Contacting solids and gaseous fluids. 2,440,620, Apr. 27.

Talley, Hyrum M., Alhambra, Calif., assignor to American Pipe and Steel Corporation, Alhambra, Calif. Acetylene torch cutter support. 2,440,527, Apr. 27.

Tarbox, John P., assignor to The Budd Company, Philadelphia, Pa. Cable construction. 2,440,668, Apr. 27.

Templeton, Kenly & Co., Inc., assignee: *See*—
Jakoubek, Frank J., and Gahl.

Texaco Development Corporation, assignee: *See*—
Hare, Donald G. C.

Texas Company, The, assignee: *See*—
Furman, George R.
McCleary, Rush F.

Thege, Edvin O. P., assignor to Aktiebolaget Atlas Diesel, Sickla, near Stockholm, Sweden. Uniflow scavenging for engines. 2,440,310, Apr. 27.

Thomas, Robert M.: *See*—
Sparks, William J., and Thomas.

Thomas Wright Co., Inc., The, assignee: *See*—
Bruno, Samuel J.

Thurston, Jack T., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Aldehyde condensation products of sulfonated aromatic compounds as cation exchange resins. 2,440,669, Apr. 27.

Tiddy, William, Manhasset, N. Y., assignor to Allied Chemical & Dye Corporation. Treating coal tar containing a small amount of ammonium chloride. 2,440,311, Apr. 27.

Tomlinson, Clarence L., assignor of one-half to R. J. Brandt, Los Angeles, Calif. Apparatus for transmitting motion-picture light images. 2,440,312, Apr. 27.

Tomlinson, Clarence L., assignor of one-half to R. J. Brandt, Los Angeles, Calif. Shutterless motion picture lens system. 2,440,313, Apr. 27.

Törnebohm, Hilding V., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Gaging apparatus for adjusting gage blocks of the adjustable type. 2,440,646, Apr. 27.

Torrington Company, The, assignee: *See*—
Brown, Edmund K.

Tourshou, Simeon I., Philadelphia, Pa., assignor to Radio Corporation of America. Cathode-ray beam deflecting circuit. 2,440,418, Apr. 27.

Towner Manufacturing Co.: *See*—
Martin, Charles H.

Trier, Carl L., Baltimore, Md., and J. W. Fogg, Barrington, Ill., assignors to Cherry-Burrell Corporation, Wilmington, Del. Washing apparatus for bottle washers. 2,440,419, Apr. 27.

Turer, Jack: *See*—
Riemenschneider, Roy W., and Turer.

Turner, Charles R., Philadelphia, Pa. Method and means for photographic developing or the like. 2,440,314, Apr. 27.

Turner, Wellmore B., executor: *See*—
Sherman, John Q.

Tuve, Richard L., Silver Spring, Md. Sensitized pyrogallol reagent and its preparation. 2,440,315. Apr. 27.

Union Oil Company of California, assignee: *See*—
Stirton, Robert I.

Union Special Machine Company, assignee: *See*—
Rubel, Charles F.

United Shoe Machinery Corporation, assignee: *See*—
Phillips, Harry.

United Steel Barrel Company, assignee: *See*—
Dodson, Howard W.

Universal Oil Products Company, assignee: *See*—
Bloch, Herman S.
Johnstone, Warren W.

Unterweiser, Paul, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Apparatus for induction heat-treating of work pieces. 2,440,316. Apr. 27.

Urist, Harold, and G. J. Martin, assignors to The National Drug Company, Philadelphia, Pa. Salicyloyl-beta alanide. 2,440,658, Apr. 27.

Usinger, Henry E., Pitman, assignor to Berger Bros. Company, Philadelphia, Pa. Eaves trough shank. 2,440,528, Apr. 27.

Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency modulation. 2,440,621, Apr. 27.

Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Modulation. 2,440,622, Apr. 27.

Uxbridge Worsted Co., Inc., assignee: *See*—
Walter, Harold J., and Rose.

Van Eps, Fred, Plainfield, N. J. Control mechanism for sound reproducing. 2,440,420, Apr. 27.

Van Vessem, George E., Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Automatic electric motor control system. 2,440,352, Apr. 27.

Velva-Sole Corporation, assignee: *See*—
Hukill, Harry E.

Ventura Tool Company, assignee: *See*—
Hanes, James W. E.

Vickers Incorporated, assignee: *See*—
Postel, Kenneth I.

Vinyard, Roy E., Borger, Tex., assignor to Phillips Petroleum Company. Recovery of hydrogen fluoride in an alkylation process. 2,440,454, Apr. 27.

Vogel, Leo G., Arlington, assignor to Industrial Appliance & Equipment Co., Inc., West Newton, Mass. Apparatus for making a graphic record of a succession of similar operations by a machine. 2,440,647, Apr. 27.

Voorhees, Venderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Transferring finely divided solids. 2,440,623, Apr. 27.

Wagner, Gustave H.: *See*—
Wagner, Harold A. and G. H.

Wagner, Harold A. and G. H., Portland, Oreg. Hoisting tower apparatus. 2,440,495, Apr. 27.

Wall, James R.: *See*—
Newsome, James W., Heiser, and Wall.

Wallace, John F., University Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Shock absorber. 2,440,353, Apr. 27.

Wallingford, Vernon H., Ferguson, and A. H. Homeyer, Webster Groves, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Metallation of cyano acetic acid compounds. 2,440,421, Apr. 27.

Walter, Harold J., Uxbridge, Mass., and P. R. Rose, East Orange, N. J., assignors to Uxbridge Worsted Co., Inc., Uxbridge, Mass. Apparatus for drying cloth with air. 2,440,648, Apr. 27.

War, United States of America, as represented by the Secretary of, assignee: *See*—
Hale, George C.
Hickman, Clarence N.
Skinner, Leslie A.
Storck, Edward A.

Warren Plastics Corporation, assignee: *See*—
Myers, Richard A.
Myers, Stuart J.

Weddle, Richard C., assignor to Columbian Enameling & Stamping Co., Inc., Terre Haute, Ind. Smokeless ashtray. 2,440,387, Apr. 27.

Wegman, Evert S.: *See*—
Copping, Bruce G., and Wegman.

Weinstein, Harry, Brooklyn, N. Y. Flat knitting machine. 2,440,496, Apr. 27.

Welser, Earl M., assignor to Goodyear Aircraft Corporation, Akron, Ohio. Balanced adapter and narrow die for stretching presses. 2,440,529, Apr. 27.

Welsh, William H., New York, N. Y. Pump impeller. 2,440,317, Apr. 27.

Wemp, Ernest E., Detroit, Mich. Liquid handling means. 2,440,624, Apr. 27.

Wesselman, Eugene: *See*—
Horner, Wilfred, and Wesselman.

Western Electric Company, Incorporated, assignee: *See*—
Ewaldson, Waldemar C.
Lewis, Clay E.
Rayburn, Vincent A.

Western Precipitation Corporation, assignee: *See*—
White, Harry J.

Westinghouse Air Brake Company, The, assignee: *See*—
Cadman, Norman G.
Larson, Arthur G.
McCune, Joseph C.

Westinghouse Electric Corporation, assignee: *See*—
Copping, Bruce G., and Wegman.
Wickerham, William R.

Westmoreland, John L., Canton, N. C. Tractor-mounted buzz-saw rigging. 2,440,422, Apr. 27.

Whalen, Edward M.: *See*—
Lehman, Eugene W., and Whalen.

White, Francis T., and A. J. Daly, Spondon, near Derby, England, assignor, by mesne assignments, to Celanese Corporation of America. Catalytic polymerisation of methyl methacrylate. 2,440,318, Apr. 27.

White, Harry J., Cambridge, Mass., assignor of one-half to Research Corporation, New York, N. Y., and one-half to Western Precipitation Corporation, Los Angeles, Calif. Charging suspended particles. 2,440,455, Apr. 27.

White, Jonathan W., Jr.: *See*—
Naghski, Joseph, White, and Hoover.

Wickerham, William R., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Alternating current hoist control. 2,440,319, Apr. 27.

Wiegand, William B., Old Greenwich, Conn., and H. A. Braendle, Garden City, assignors to Columbian Carbon Company, New York, N. Y. Apparatus for manufacture of carbon black. 2,440,423, Apr. 27.

Wiegand, William B., Old Greenwich, Conn., and H. A. Braendle, Garden City, assignors to Columbian Carbon Company, New York, N. Y. Manufacture of carbon black. 2,440,424, Apr. 27.

Wiemer, Howard C., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,440,625, Apr. 27.

Wilder, Agnes S., executrix: *See*—
Wilder, Reuben M.

Wilder, Reuben M., deceased, Hayward, Calif.; A. S. Wilder, executrix. Operating mechanism for overhead opening doors. 2,440,561, Apr. 27.
Williams, Joseph B., San Francisco, Calif. Fruit and vegetable juice extractor. 2,440,425, Apr. 27.
Wilmington Chemical Corporation, assignee: *See*— Rostler, Fritz S., and du Pont.
Windsor Case Company, Inc., assignee: *See*— Mittell, Peter.
Winning, Carl, Westfield, and D. T. Rogers, Summit, N. J., assignors to Standard Oil Development Company. Producing unsaturated hydrocarbons containing branched carbon chains. 2,440,497, Apr. 27.
Wise, Mark M., Mosman, near Sydney, New South Wales, Australia. Obtaining of ramie. 2,440,562, Apr. 27.
Woodward Governor Company, assignee: *See*— Drake, George F.
Woyach, Agnes, Mequon, Wis. Storm boot with removable protective lining. 2,440,563, Apr. 27.
Wright, Fred J., Upper Arlington, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company. Hydraulic system for reciprocating breaker plates for reversible rotary crushers. 2,440,388, Apr. 27.
Yates, Wallace J., Martinez, assignor to Shell Development Company, San Francisco, Calif. Stabilized organic compositions. 2,440,530, Apr. 27.
Young, David W., Roselle, and H. B. Kellog, Union City, N. J., assignors to Standard Oil Development Company. Polymerization catalysts. 2,440,498, Apr. 27.
Young, James H., and P. W. Jenkins, assignors to H. H. Robertson Company, Pittsburgh, Pa. Antistick bitumen surfaced building material. 2,440,626, Apr. 27.
Young, Norman H., Jr., Jackson Heights, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Modulation system. 2,440,320, Apr. 27.
Zebroski, Walter, New York, N. Y. Apparatus for making metal powder. 2,440,531, Apr. 27.
Zimmer, John C.: *See*— Rosen, Raphael, and Zimmer.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 27TH DAY OF APRIL, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Circuits, Differential detector. M. G. Crosby. 22,996, Apr. 27.
Molecular absorption of vibration, Method and apparatus for. C. W. Chamberlain. 22,995, Apr. 27.

LIST OF DESIGN INVENTIONS

Airplane, Miniature. V. W. Russell. 149,447, Apr. 27.
Automobile and airplane, Combination. T. R. Burns. 149,404, Apr. 27.
Badge or similar article, Lapel and pocket. R. J. Neller. 149,436, Apr. 27.
Band, Watch. P. E. Babin. 149,396, Apr. 27.
Bank, Mechanical. J. J. Weintraub. 149,463, Apr. 27.
Bathing device, Baby. I. Brecher. 149,403, Apr. 27.
Bicycle. R. J. Fuhs. 149,408, Apr. 27.
Billfold, coin holder, and key case, Combined. A. A. Seamon. 149,450, Apr. 27.
Body, Automobile. C. S. Lupinski. 149,430, Apr. 27.
Body for trailer vehicles. J. Stephen. 149,454, Apr. 27.
Book end or similar article. A. G. Giegold, Jr. 149,409, Apr. 27.
Bottle or article of similar nature. J. S. Allen. 149,394, Apr. 27.
Box, File. G. S. Underwood. 149,461, Apr. 27.
Box, Sewing. H. Jahn and C. S. Zaremba. 149,414, Apr. 27.
Cabinet. J. E. Moberg. 149,434, Apr. 27.
Cabinet, Combination radio and television. V. Trad. 149,459, Apr. 27.
Cabinet for a film projection unit constituting visual training and mechanical game device. J. Tjaarda. 149,458, Apr. 27.
Cabinet, Radio. U. Tecca. 149,457, Apr. 27.
Calendar, Desk. E. Kottle. 149,424, Apr. 27.
Car, Motor. J. Rose. 149,446, Apr. 27.
Chair. H. S. Beall. 149,399, Apr. 27.
Collar or similar article, Embroidered lace. W. Kohn. 149,421–3, Apr. 27.
Cradle for telephone handset, Auxiliary. H. B. Stofer. 149,455, Apr. 27.
Desk. C. E. Jones. 149,416–18, Apr. 27.
Dispenser, Condiment. C. A. Kurrash. 149,425, Apr. 27.
Dispenser, Perfume. L. J. Biro. 149,400, Apr. 27.
Doll. E. E. Brandenburg. 149,402, Apr. 27.
Dolly, Camera. H. W. Houston. 149,412, Apr. 27.
Faucet, C. W. Banberger. 149,398, Apr. 27.
Fixture, Electric lighting. M. W. Schwartz and M. J. Marks. 149,448–9, Apr. 27.
Fixture, Flourescent lighting. S. E. Lindahl. 149,427, Apr. 27.
Frame for wheeled stroller vehicle. B. G. Harley. 149,411, Apr. 27.
Guitar. L. L. Lademann. 149,426, Apr. 27.
Handle for line controlled model aircraft, Control. V. Stanzel. 149,453, Apr. 27.
Helicopter. I. I. Sikorsky and M. E. Gluhareff. 149,452, Apr. 27.
Holder or similar article, Cigarette package. H. J. Tunstall. 149,460, Apr. 27.
Jewelry finding. M. Rahthus. 149,442, Apr. 27.
Knob or similar article, Control. L. D. Johnson. 149,415, Apr. 27.
Light bowl, Electric. A. J. D. Ohm. 149,438–40, Apr. 27.
Ornament, Automobile hood. L. Ring. 149,443, Apr. 27.
Pipe, Tobacco. E. E. Gregory. 149,410, Apr. 27.
Plug, Electric attachment. J. B. Miller. 149,433, Apr. 27.
Projector, Automatic slide. E. C. Klotz, Jr. 149,420, Apr. 27.
Pushcart. F. P. Nelson. 149,437, Apr. 27.
Radio, clock, and lamp, Combined. I. Engel. 149,406, Apr. 27.
Receiver, Radio broadcast. F. E. Neill. 149,435, Apr. 27.
Ring, Finger. T. F. Strub. 149,456, Apr. 27.
Rosary. C. Vandernoot. 149,462, Apr. 27.
Roundabout. J. S. Evans. 149,407, Apr. 27.
Shirt, Sport. D. Aminoff. 149,395, Apr. 27.
Shoe. M. Kagan. 149,419, Apr. 27.
Spoon or other article of flatware. I. A. Lipman. 149,428, Apr. 27.
Spoon or other article of flatware. H. A. Malinowski. 149,431, Apr. 27.
Spoon or other article of flatware. T. D. McKiernan. 149,432, Apr. 27.
Stand and lamp, Combined reading. F. J. Luketa. 149,429, Apr. 27.
Stand, Pipe. B. Blecher. 149,401, Apr. 27.
Staple driving machine. R. E. Peterson. 149,441, Apr. 27.
Sulky, Racing. R. A. Shuttelworth. 149,451, Apr. 27.
Trainer or similar device, Flight engineer's. J. G. Dodds, A. D. MacKillop, and C. C. Sansom. 149,405, Apr. 27.
Tricycle and wagon, Combined. R. O. Jackson. 149,413, Apr. 27.
Vehicle, Motor. J. Rose. 149,445, Apr. 27.
Vehicle, Trailer. R. H. Barrett. 149,397, Apr. 27.
Wheel, Steering. J. Rose. 149,444, Apr. 27.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 27TH DAY OF APRIL, 1948

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrasive article, Resin bonded. R. H. Rushmer and G. J. Goepfert. 2,440,300, Apr. 27.
Accelerometer. C. M. Hathaway. 2,440,605, Apr. 27.
Acetylene torch cutter support. H. M. Talley. 2,440,527, Apr. 27.
Adapter and narrow die for stretching presses, Balanced. E. M. Welser. 2,440,529, Apr. 27.
Adjuster, Zero meter. H. Butler. 2,440,392, Apr. 27.
Air conditioning apparatus. A. H. Bahnson, Jr. 2,440,627, Apr. 27.
Aircraft carrier. C. B. Neel. 2,440,345, Apr. 27.
Air-drying apparatus. N. G. Cadman. 2,440,326, Apr. 27.
Alkylolamide of a trihydroxystearic acid, Preparing an. B. B. Schaeffer. 2,440,349, Apr. 27.
Alternating current hoist control. W. R. Wickerham. 2,440,319, Apr. 27.
Amplifier system. M. Morrison. 2,440,553, Apr. 27.
Antenna, Television receiver. H. Atwood, Jr. 2,440,597, Apr. 27.
Antifriction bearing. M. W. Huber. 2,440,444, Apr. 27.
Antioxidant composition of the acidic type, Synergistic. R. W. Riemenschneider and J. Turer. 2,440,383, Apr. 27.
Apparatus for airfoils, Ice removing. J. O. Antonson. 2,440,533, Apr. 27.
Apparatus for and method of electroforming of rectifier elements. W. E. Rhecken. 2,440,297, Apr. 27.
Apparatus for building tires. L. C. Frazier. 2,440,662, Apr. 27.
Apparatus for cooling or conditioning air or other fluids. R. J. Kenny. 2,440,446, Apr. 27.
Apparatus for drying cloth with air. H. J. Walter and P. R. Rose. 2,440,648, Apr. 27.
Apparatus for electrophoretic separation of solids from liquids. H. F. Fisher and A. C. Peck. 2,440,504, Apr. 27.
Apparatus for free-blowing thermoplastic material. R. S. Ames, R. W. McCullough, and M. P. H. Peterson. 2,440,499, Apr. 27.
Apparatus for induction heat-treating of work pieces. P. Unterweiser. 2,440,316, Apr. 27.
Apparatus for making a graphic record of a succession of similar operations by a machine. L. G. Vogel. 2,440,647, Apr. 27.
Apparatus for making convolute wound tubing from sheet material. B. Bogoslowsky. 2,440,390, Apr. 27.
Apparatus for making metal powder. W. Zebroski. 2,440,531, Apr. 27.
Apparatus for manifesting acceleration. R. Mayne. 2,440,342, Apr. 27.
Apparatus for manufacture of carbon black. W. B. Wiegand and H. A. Braendle. 2,440,423, Apr. 27.
Apparatus for purifying metallic mercury. H. R. Alley and B. F. Freeberg. 2,440,456, Apr. 27.
Apparatus for shaping tubular blanks. B. Bogoslowsky. 2,440,391, Apr. 27.
Apparatus for testing panels and the like. P. E. Sandorff. 2,440,616, Apr. 27.
Apparatus for transmitting motion-picture light images. C. L. Tomlinson. 2,440,312, Apr. 27.
Appliance for poultry, pigeons, and other birds, Automatic feeding. J. G. Francis. 2,440,332, Apr. 27.
Arc furnace electrodes, Automatically controlling. W. H. Payne. 2,440,380, Apr. 27.
Arch or like supports, Production of. W. L. Gould. 2,440,508, Apr. 27.
Articles from thermoplastic films, Making lap-welded. C. R. Irons. 2,440,664, Apr. 27.
Ashtray, Smokeless. R. C. Weddle. 2,440,387, Apr. 27.
Automatic volume control for pulse systems. D. S. Pensyl. 2,440,289, Apr. 27.
Automobile and airplane wheel. L. Champain. 2,440,460, Apr. 27.
Barber chairs, Rotary seat attachment for. D. M. Powell. 2,440,644, Apr. 27.
Barium carbonates, Obtaining. L. J. Minnick. 2,440,641, Apr. 27.
Barrier, Aircraft. R. B. Cotton. 2,440,574, Apr. 27.
Basket structure. J. Geralds. 2,440,507, Apr. 27.
Battery for hearing aids, Dry. D. W. Hirtle. 2,440,401, Apr. 27.
Bearing: *See*—
  Antifriction bearing
  Double row antifriction bearing.
Bending machine. H. E. Colwell. 2,440,599, Apr. 27.
Berth or bed lounge and like device, Convertible. S. A. Kelly, Jr., and W. R. Lindsay. 2,440,515, Apr. 27.
Bib. E. W. Miller. 2,440,666, Apr. 27.
Bit: *See*—
  Key bit.
Block and support stand, Reversible meat. L. A. Bennett. 2,440,629, Apr. 27.
Block form, Building. T. L. Green. 2,440,582, Apr. 27.
Blower. T. S. Briskin. 2,440,363, Apr. 27.
Bomb, Aerial. G. R. Leghorn. 2,440,282, Apr. 27.
Boot with removable protective lining, Storm. A. Woynch. 2,440,563, Apr. 27.
Box having a drawer and a cover and interconnected latching and locking means thereof. C. B. Gash. 2,440,541, Apr. 27.
Bracket: *See*—
  Mailbox bracket.
Bracket for instrument cases, Mounting. C. A. Blakeslee. 2,440,324, Apr. 27.
Bracket mounting. H. G. Lehmann. 2,440,409, Apr. 27.
Braid-stitch crochet hook. C. L. Mock. 2,440,413, Apr. 27.
Brake control system. J. C. McCune. 2,440,343, Apr. 27.
Brassière. M. C. and E. W. Barlow. 2,440,426, Apr. 27.
Brassière. R. Freedman. 2,440,466, Apr. 27.
Brazing steel shaft and flange assemblies. B. Ronay and C. D. Jensen. 2,440,298, Apr. 27.
Brewing method using albedo in wort. A. A. Klein. 2,440,276, Apr. 27.
Building material, Antistick bitumen surfaced. J. H. Young and P. W. Jenkins. 2,440,626, Apr. 27.
Building structure, Portable. L. R. Raemer. 2,440,449, Apr. 27.
Burner: *See*—
  Oil burner.
Butadiene and acetylene from a hydrocarbon mixture, Separating. G. H. Shipley, Jr. 2,440,493, Apr. 27.
Cabinet having outwardly swingable rack, Necktie. F. H. Kiser. 2,440,549, Apr. 27.
Cable connector. J. S. Larkins, Jr. 2,440,279, Apr. 27.
Cable construction. J. P. Tarbox. 2,440,668, Apr. 27.
Calculating device. F. W. Frink. 2,440,438, Apr. 27.
Cam actuated valve mechanism for fluid pressure engines. T. C. Gray. 2,440,259, Apr. 27.
Carbon black, Manufacture of. W. B. Wiegand and H. A. Braendle. 2,440,424, Apr. 27.
Carrier: *See*—
  Aircraft carrier.
Carrier wave telephone system, Two-way. M. L. Almquist. 2,440,239, Apr. 27.
Cartridge loading. R. C. Arter. 2,440,568, Apr. 27.
Case: *See*—
  Spectacle case.
Catalysis, Process and apparatus for continuous. V. V. Jacomini. 2,440,475, Apr. 27.
Catalyst. R. I. Stirton. 2,440,236, Apr. 27.
Catalyst chamber closure. W. H. Creel. 2,440,436, Apr. 27.
Catalyst from mixtures of hydrocarbons therewith in the liquid phase, Recovery of. E. C. Hughes. 2,440,543, Apr. 27.
Catalysts, Polymerization. D. W. Young and H. B. Kellog. 2,440,498, Apr. 27.
Catalytic polymerisation of methyl methacrylate. F. T. White and A. J. Daly. 2,440,318, Apr. 27.
Cathode-ray beam deflecting circuit. S. I. Tourshou. 2,440,418, Apr. 27.
Cathode-ray oscilloscope, Portable. H. W. A. Chalberg. 2,440,538, Apr. 27.
Cell for measuring the electrical characteristics of materials. F. W. Stein. 2,440,386, Apr. 27.
Chain and method and apparatus for forming same. H. W. Dodson. 2,440,254, Apr. 27.
Chair. M. Greitzer. 2,440,470, Apr. 27.
Charging suspended particles. H. J. White. 2,440,455, Apr. 27.
Choke, Subsurface. O. L. Furse. 2,440,506, Apr. 27.
Circuit: *See*—
  Cathode ray beam deflecting circuit. — Monitoring circuit.
Circuits containing nonlinear elements, Balancing of electrical bridge. M. M. Levy. 2,440,283, Apr. 27.
Circuits, Locked-in oscillator. M. S. Corrington. 2,440,653, Apr. 27.
Circuits, Thermionic valve. M. M. Levy. 2,440,284, Apr. 27.
Clamp for barrel pumps. W. Jackson. 2,440,372, Apr. 27.
Clasp, Dental. G. M. Holden. 2,440,443, Apr. 27.
Clay suspensions, Production of. G. K. Dickerman. 2,440,601, Apr. 27.

Cleaner and humidifier for carbureters. A. Gazda. 2,440,580, Apr. 27.
Cleaner, drier, and grainery, Combined. B. V. Rains. 2,440,524, Apr. 27.
Clip and bracket, Multiple. E. S. Goddard. 2,440,469, Apr. 27.
Clothes hanger. M. Lowe. 2,440,636–7, Apr. 27.
Clutch and brake control. L. E. Simmons. 2,440,304, Apr. 27.
Coal tar containing a small amount of ammonium chloride, Treating. W. Tiddy. 2,440,311, Apr. 27.
Coil suspension for cathode ray tubes, Focus. D. Jackson. 2,440,403, Apr. 27.
Conditioning textile fibers. A. G. Hill. 2,440,399–400, Apr. 27.
Connector: *See*—
  Cable connector.
Contact assembly, Rotary switch. W. L. Dietrich. 2,440,578, Apr. 27.
Contact device, Electric. G. R. Greenslade. 2,440,335, Apr. 27.
Control apparatus for reversible locomotives. A. G. Larson. 2,440,340, Apr. 27.
Control device for internal-combustion engines. M. Mennesson. 2,440,483, Apr. 27.
Control mechanism, Dump body. A. Reichman. 2,440,559, Apr. 27.
Control system, Remote. G. F. Drake. 2,440,255, Apr. 27.
Cooling of high-temperature bodies. P. G. Chevigny. 2,440,245, Apr. 27.
Copper, Separation of. M. Lichtenwalter. 2,440,612, Apr. 27.
Correlating supply of aspirating to aspirated fluids, Control means for. A. Doble. 2,440,329, Apr. 27.
Corrosion resistant filter. V. A. Rayburn. 2,440,487, Apr. 27.
Counter, Automatic set-back. M. L. Jeffrey. 2,440,665, Apr. 27.
Coupling: *See*—
  Quick action coupling.
Cover: *See*—
  Plant pot cover. Wheel cover.
Covering for preventing accumulation of ice on airfoils, Protective. J. O. Antonson. 2,440,240, Apr. 27.
Crown block assembly. E. A. Bender. 2,440,427, Apr. 27.
Curb guiding signal. M. J. Krall. 2,440,587, Apr. 27.
Cutting apparatus. W. C. Ewaldson. 2,440,464, Apr. 27.
Cyano acetic acid compounds, Metallation of. V. H. Wallingford and A. H. Homeyer. 2,440,421, Apr. 27.
Cyanothiophanes and preparing same. B. R. Baker. 2,440,659, Apr. 27.
Cycle engines, Scavenging for two-stroke. H. T. Pyk and H. G. Canner. 2,440,645, Apr. 27.
Cyclohexane, Production of. A. G. Oblad. 2,440,414, Apr. 27.
Dehumidifying unit. W. B. Holden. 2,440,272, Apr. 27.
Dehydrating aqueous mixtures. R. Rosen and J. C. Zimmer. 2,440,489, Apr. 27.
Dehydrogenation of hydrocarbons. B. E. Roetheli. 2,440,525, Apr. 27.
Detector, Radiation. D. G. C. Hare. 2,440,511, Apr. 27.
Device for cables and wires and rods, Clamping. J. E. Anderson. 2,440,532, Apr. 27.
Device for pasting wallpaper, Portable. F. L. Lowery. 2,440,481, Apr. 27.
Device for the separate supply of the fuel and of the combustion air for explosion engines. A. Brandenburg and A. Jolivet. 2,440,572, Apr. 27.
Device for the transmission of calling and clearing signals in long distance telephonic circuits. M. Lebedinsky. 2,440,281, Apr. 27.
Dichloro phenols, Manufacture of. R. T. Foster and N. Bennett. 2,440,602, Apr. 27.
Differential railroad car wheel axle. F. A. Showacre. 2,440,351, Apr. 27.
Diolefins, Production of. W. R. F. Guyer. 2,440,471, Apr. 27.
Diolefins, Production of. W. D. Seyfried and S. H. Hastings. 2,440,492, Apr. 27.
Disc plow, Tractor-drawn. C. H. Gemberling. 2,440,581, Apr. 27.
Dispenser: *See*—
  Fruit juice dispenser.
Distillates, Refining of petroleum. L. P. Elliott and M. M. Holm. 2,440,258, Apr. 27.
Distributor, Electronic. G. H. Marmont. 2,440,639, Apr. 27.
Door latch. W. S. Shafer. 2,440,350, Apr. 27.
Double-acting pump. J. T. Leonard. 2,440,411, Apr. 27.
Double row antifriction bearing. E. K. Brown. 2,440,435, Apr. 27.
Dough forming machine. H. E. Hahn, Jr. 2,440,655, Apr. 27.
Drain. C. M. Rice. 2,440,594, Apr. 27.
Drain means for radial engines, Oil accumulation. C. G. A. Rosen. 2,440,488, Apr. 27.
Drier having means to compress evacuated vapors, Vacuum rotary drum. C. B. Proudfoot. 2,440,416, Apr. 27.
Drying apparatus, Paper. M. Phillips. 2,440,346, Apr. 27.
Dye composition. W. J. Champion. 2,440,364, Apr. 27.
Dynamoelectric machine with cooling means. H. M. Martin. 2,440,551, Apr. 27.
Electrical apparatus. K. K. Paluev. 2,440,556, Apr. 27.
Electrical connector. R. A. Hecht. 2,440,270, Apr. 27.
Electrical insulation testing apparatus. C. E. Lewis. 2,440,480, Apr. 27.
Electrical socket. C. L. Paulus and R. K. Stout. 2,440,288, Apr. 27.
Electrical testing apparatus or the like, Interlocking. I. W. Folk. 2,440,505, Apr. 27.
Electromagnetic wave direction indicator. R. Hardy. 2,440,268, Apr. 27.
Electron beam centering system. H. W. G. Salinger and A. T. Mayle, Jr. 2,440,490, Apr. 27.
Emergency pump. G. M. Holley, Jr. 2,440,371, Apr. 27.
Endless track tool. F. J. Jakoubek and W. E. Gahl. 2,440,512, Apr. 27.
Engine braking apparatus. W. A. Hill. 2;440,336, Apr. 27.
Engine cooling liquid heater. C. M. Kimberlin. 2,440,610, Apr. 27.
Erosion in fluidized catalytic cracking of hydrocarbons, Preventing. W. K. Lewis. 2,440,591, Apr. 27.
Excavating apparatus. C. A. Erickson. 2,440,501, Apr. 27.
Exhaust port for steam locomotives, Supplementary. W. W. Knight. 2,440,373, Apr. 27.
Extractor: *See*—
  Fruit and vegetable juice extractor.
Fabric building. C. W. Power. 2,440,557, Apr. 27.
Fabric for handbags, Decorative. R. Jackler and D. H. Goldberg. 2,440,474, Apr. 27.
Fabric uppers, Making last-fitting. F. W. Clark. 2,440,393, Apr. 27.
Fastener. E. W. Lehman and E. M. Whalen. 2,440,341, Apr. 27.
Fasteners for bags, cases, and other containers. F. S. Smith. 2,440,595, Apr. 27.
Feed control, Label. W. J. Bernard. 2,440,458, Apr. 27.
Feed tray for duplicating apparatus. A. E. Little and H. Jagger. 2,440,635, Apr. 27.
Feeder: *See*—
  Poultry feeder.
Feeding mechanism for rocket guns, Shell. C. F. Henney. 2,440,634, Apr. 27.
Filling apparatus, Receptacle. P. Auberman. 2,440,354, Apr. 27.
Filter: *See*—
  Corrosion resistant filter.
Finely divided solids, Transferring. V. Voorhees. 2,440,623, Apr. 27.
Fire door for parts washers, Automatic. E. J. St. Laurence. 2,440,619, Apr. 27.
Firing mechanism for guns. H. Phillips. 2,440,381, Apr. 27.
Fixture, Lighting. E. F. Guth. 2,440,603, Apr. 27.
Flagpole and operating means therefor. R. Ellis. 2,440,590, Apr. 27.
Flasher. H. R. Gross. 2,440,265, Apr. 27.
Fluids with powdered solids, Process and apparatus for contacting. H. Z. Martin. 2,440,482, Apr. 27.
Flux, Soldering. K. K. MacDougall and J. A. Labash. 2,440,592, Apr. 27.
Freewheeling mechanism, Controlled. A. Kégresse. 2,440,588, Apr. 27.
Frequency modulation. G. L. Usselman. 2,440,621, Apr. 27.
Frequency multiplier, Rectifier circuit. J. C. Ferguson. 2,440,465, Apr. 27.
Fruit and vegetable juice extractor. J. B. Williams. 2,440,425, Apr. 27.
Fruit juice dispenser. T. M. Kerr. 2,440,406, Apr. 27.
Fuel control, Combustion responsive. R. W. Johnson. 2,440,405, Apr. 27.
Fuel to prime movers, Automatically controlling the supply of liquid. R. J. Ifield. 2,440,663, Apr. 27.
Furfural, Inhibiting polymerization of. J. C. Hillyer and D. A. Nicewander. 2,440,442, Apr. 27.
Furfural, Inhibiting polymerization of. W. A. Schulze and J. C. Hillyer. 2,440,451, Apr. 27.
Furnace: *See*—
  Smelting furnace.
Furniture, Multiple unit. P. H. James. 2,440,544, Apr. 27.
Gaging apparatus for adjusting gage blocks of the adjustable type. H. V. Törnebohm. 2,440,646, Apr. 27.
Gears, Feed device for hydraulically operated change-speed. A. Kégresse. 2,440,589, Apr. 27.
Generator: *See*—
  Pulse generator.
Glove drying apparatus, Surgical. I. D. Fenwick. 2,440,398, Apr. 27.
Gradiometer, Magnetic. C. H. Fay. 2,440,503, Apr. 27.
Hair dressing, Abietate ester. A. L. Omohundro and E. C. Fanto. 2,440,555, Apr. 27.
Hanger: *See*—
  Clothes hanger.
Hatband, Adjustable. E. K. Kuenstner. 2,440,407, Apr. 27.

Heater: *See*—
Engine cooling liquid heater.
Heater with expansible fuel reservoir, Internal-combustion. H. J. De N. McCollum. 2,440,447, Apr. 27.
Heating system, Automotive battery. G. R. Furman. 2,440,369, Apr. 27.
Heating system for a plurality of objects, responsive to temperature and position thereof, Electric. L. L. Johnson. 2,440,476, Apr. 27.
Heel brace. F. A. Melchionna. 2,440,412, Apr. 27.
Heel with exchangeable heelpiece, Shoe. G. E. Johansson. 2,440,404, Apr. 27.
Helmet, Welder's. M. N. Anderson. 2,440,596, Apr. 27.
High-frequency cable and balancing the same. S. B. Pickles. 2,440,290, Apr. 27.
Hoisting tower apparatus. H. A. and G. H. Wagner. 2,440,495, Apr. 27.
Holder: *See*—
Toothbrush holder.
Hook: *See*—
Braid-stitch crochet hook.
Hull construction, Ship. A. H. Lackie. 2,440,408, Apr. 27.
Humidity control. J. J. Bauman. 2,440,628. Apr. 27.
Hydraulic system for reciprocating breaker plates for reversible rotary crushers. F. J. Wright. 2,440,388, Apr. 27.
Hydraulic transmissions, Pressure selector and corrector for bound-up automatic. A. Kégresse. 2,440,590, Apr. 27.
Hydrocarbons containing branched carbon chains, Producing unsaturated. C. Winning and D. T. Rogers. 2,440,497, Apr. 27.
Hydrogen fluoride in an alkylation process, Recovery of. R. E. Vinyard. 2,440,454, Apr. 27.
Identification system, Calling line. J. Kruithof and L. Kozma. 2,440,277, Apr. 27.
Implement and hitch therefor. Tractor conveyed. C. H. Martin. 2,440,550, Apr. 27.
Incubator for microscopes, Stage. W. Horner and E. Wesselman. 2,440,472, Apr. 27.
Indicators, Stop for dial. C. S. Ost. 2,440,522, Apr. 27.
Indicator: *See*—
Electromagnetic wave direction indicator.
Inhibitor for centerless grinders. Outboard work whipping. W. Horberg. 2,440,402, Apr. 27.
Instrument flying in multicontrol aircraft, Hood for simulated. F. O. Ibisch. 2,440,274, Apr. 27.
Internal-combustion engines, Fuel supply system for. G. J. Armstrong. 2,440,241, Apr. 27.
Internal-combustion engines, Fuel supply system for. G. J. Armstrong. 2,440,566, Apr. 27.
Internal-combustion engines, Fuel supply system for. G. J. Armstrong, B. Naylor, and J. E. P. Dunning. 2,440,567, Apr. 27.
Isoamylenes with normal butenes and isobutene, Interpolymerization of. S. H. McAllister. 2,440,286, Apr. 27.
Joint: *See*—
Safety joint. Tool joint.
Key. F. E. Best. 2,440,429, Apr. 27.
Key bit. F. E. Best. 2,440,428, Apr. 27.
Knitting machine and knitting. O. Fregeolle. 2,440,333, Apr. 27.
Knitting machine and knitting. R. H. Lawson. 2,440,280, Apr. 27.
Knitting machine, Flat. H. Weinstein. 2,440,496, Apr. 27.
Lamp supply, Exciter. H. Belar. 2,440,537, Apr. 27.
Latch: *See*—
Door latch. Lever release latch.
Latch construction mounting means. G. Hagstrom. 2,440,509, Apr. 27.
Latches and the like, Keeper or striker for. G. Hagstrom. 2,440,510, Apr. 27.
Leveler, Land. L. Oswald. 2,440,642, Apr. 27.
Lever release latch. F. S. Deschermeier. 2,440,395, Apr. 27.
Lever, Self-locking. O. G. Blocher. 2,440,630, Apr. 27.
Liquid handling means. E. E. Wemp. 2,440,624, Apr. 27.
Liquid seal device. G. I. Cockerill. 2,440,394, Apr. 27.
Loader for grease guns. P. E. Purcell. 2,440,448, Apr. 27.
Locating apparatus, Object. W. L. Dawson. 2,440,248, Apr. 27.
Location system, Radio. E. M. Deloraine, E. Labin, and P. F. M. Gloess. 2,440,250, Apr. 27.
Lock: *See*—
Unpickable lock.
Lock core. F. E. Best. 2,440,432, Apr. 27.
Lock tumbler. F. E. Best. 2,440,431, Apr. 27.
Lock-throw mechanism. F. E. Best. 2,440,430, Apr. 27.
Locks, System of. F. E. Best. 2,440,434, Apr. 27.
Lubricating apparatus. J. T. Leonard. 2,440,410, Apr. 27.
Lubrication, Outboard motor. L. T. Kincannon. 2,440,338, Apr. 27.
Magnet electrodynamic transducer, Permanent. W. E. Gilman. 2,440,439, Apr. 27.
Mailbox bracket. E. E. DeHaas. 2,440,576, Apr. 27.
Measuring device, Comparison type light. J. M. Hall. 2,440,266, Apr. 27.
Meat product and process, Coated. J. N. Lesparre. 2,440,517, Apr. 27.
Media for producing penicillin, Process and culture. O. K. Behrens. 2,440,355, Apr. 27.
Media for producing penicillin, Process and culture. O. K. Behrens and R. G. Jones. 2,440,358, Apr. 27.
Media for producing penicillin, Process and culture. O. K. Behrens, R. G. Jones, and J. W. Corse. 2,440,359, Apr. 27.
Media for producing penicillin, Process and culture. O. K. Behrens and Q. F. Soper. 2,440,357, Apr. 27.
Media for the production of penicillin, Process and culture. O. K. Behrens. 2,440,356, Apr. 27.
Media for the production of penicillin, Process and culture. O. K. Behrens, R. G. Jones, and J. W. Corse. 2,440,360, Apr. 27.
Media for the production of penicillin, Process and culture. O. K. Behrens, R. G. Jones, and J. W. Corse. 2,440,361, Apr. 27.
Mercury electrolytically from acid solutions, Producing. H. R. Alley and B. F. Freeberg. 2,440,238, Apr. 27.
Meter system, Electrical hook-on. T. B. Brown. 2,440,244, Apr. 27.
Microanalyzer, Electron. L. Marton. 2,440,640, Apr. 27.
Modulation. G. L. Usselman. 2,440,622, Apr. 27.
Modulation system. N. H. Young, Jr. 2,440,320, Apr. 27.
Modulator system. D. D. Grieg. 2,440,264, Apr. 27.
Mold: *See*—
Vulcanizing mold.
Molding machine. B. W. Benbow. 2,440,598, Apr. 27.
Molding machine. D. Cropp. 2,440,366–7, Apr. 27.
Molding machine. R. A. Myers. 2,440,376, Apr. 27.
Molding machine. S. J. Myers. 2,440,377, Apr. 27.
Molding of viscose products, Extrusion. O. A. Battista. 2,440,323, Apr. 27.
Monitoring circuit. D. D. Grieg. 2,440,263, Apr. 27.
Motor control, Automatic electric. G. E. Van Vessem. 2,440,352, Apr. 27.
Motor control, Electric. M. G. Crosby. 2,440,600, Apr. 27.
Motor control system, Variable frequency continuous balance. K. Rath. 2,440,486, Apr. 27.
Motor fan blade control. E. Mooney. 2,440,519, Apr. 27.
Motor with manually operated brake, Hand. W. G. Barcroft and M. L. Maas. 2,440,322, Apr. 27.
Mould: *See*—
Vulcanizing mold.
Mount, Cathode-ray tube. J. E. Gall. 2,440,260, Apr. 27.
Mount, Lens coupling. G. B. Montgomery. 2,440,344, Apr. 27.
Mounting: *See*—
Bracket mounting. Resilient mounting.
Multipointed electrode. R. G. Hanneman. 2,440,370, Apr. 27.
Multivibrator. T. L. Dimond. 2,440,252, Apr. 27.
N-4-(quinazoline) amino benzoyl glutamic acid. S. Avakian and G. J. Martin. 2,440,649, Apr. 27.
Nozzle, Sandblast. G. F. Pettinos. 2,440,643, Apr. 27.
Nozzle, Sand blasting. J. M. Gerlach. 2,440,334, Apr. 27.
Oil burner. E. F. Schwander. 2,440,491, Apr. 27.
Oil desalting technique. J. E. Seebold. 2,440,617, Apr. 27.
Oil, Lubricating. R. F. McCleary. 2,440,375, Apr. 27.
Oils, Dibasic acid drying. L. D. Myers and V. J. Muckerheide. 2,440,667, Apr. 27.
Oils, Synthetic drying. H. S. Bloch. 2,440,459, Apr. 27.
Oils, Synthetic drying. W. W. Johnstone. 2,440,477, Apr. 27.
Opener, Cap-lifting bottle. M. C. Ranseen. 2,440,485, Apr. 27.
Operating mechanism for overhead opening doors. R. M. Wilder. 2,440,561, Apr. 27.
Organic compositions, Stabilized. W. J. Yates. 2,440,530, Apr. 27.
Organic derivative of cellulose textiles by impregnation with cyanamide, Improving the fastness of dyed. H. Dreyfus. 2,440,330, Apr. 27.
Orthopaedic appliance. H. E. Hukill. 2,440,273, Apr. 27.
Oscillator structure. E. A. Storck. 2,440,308, Apr. 27.
Oscillator, Tunable. B. W. Hargrove. 2,440,269, Apr. 27.
Pad for garments, Sleeve head. I. A. Danilin. 2,440,368, Apr. 27.
Pads, Manufacture of shoulder. K. Kerrigan. 2,440,548, Apr. 27.
Pay roll record. F. O. Hosmer. 2,440,337, Apr. 27.
Perambulator and cradle or the like, Combined. E. P. Derthick. 2,440,539, Apr. 27.
Permanent magnet instrument, Double concentric air gap. F. Baranowski, Jr. 2,440,535, Apr. 27.
Pessary. H. E. Opperman, Sr., and H. E. Opperman, Jr. 2,440,521, Apr. 27.
Photographic developing or the like. C. R. Turner. 2,440,314, Apr. 27.
Piezoelectric crystals, Grinding. J. J. Root. 2,440,348, Apr. 27.
Plant pot cover. F. G. Baldwin. 2,440,569, Apr. 27.
Plug: *See*—
Switchboard plug.
Pneumatic tool. W. K. Beckwith. 2,440,457, Apr. 27.
Pointer and scorer, Game. E. W. Piper. 2,440,415, Apr. 27.
Polishing, Abrasive material for. F. W. Huntington. 2,440,656, Apr. 27.

Polyester-polyamide condensation products and producing the same. E. L. Kropa. 2,440,516, Apr. 27.
Polymerization of butadiene in the presence of methallyl chloride, Low-temperature. W. J. Sparks and R. M. Thomas. 2,440,494, Apr. 27.
Polymers of unsaturated ethereal esters, Resinous. D. E. Adelson and H. Dannenberg. 2,440,237, Apr. 27.
Poultry feeder. D. E. Barrett. 2,440,243, Apr. 27.
Powder, "Hot" double-base. B. L. Crawford, Jr. 2,440,327, Apr. 27.
Power supply system for carrier communication systems. R. Kelly. 2,440,275, Apr. 27.
Preservation process. K. C. D. Hickman. 2,440,606, Apr. 27.
Pressure intensifier unit, Hydraulic. G. R. Elliott. 2,440,654, Apr. 27.
Pressure relief device. L. M. Cooper. 2,440,462, Apr. 27.
Production of thermoplastic-polymeric material. H. Dreyfus. 2,440,256, Apr. 27.
Projectile, Rocket. L. A. Skinner. 2,440,305, Apr. 27.
Propellant and manufacturing. G. C. Hale. 2,440,267, Apr. 27.
Pulse generator. R. C. Jensen. 2,440,547, Apr. 27.
Pulse radar interference producer. S. H. M. Dodington. 2,440,253, Apr. 27.
Pulse selecting and eliminating system. E. Labin and D. D. Grieg. 2,440,278, Apr. 27.
Pulverizing and classifying machine having a rotor comprising superimposed sections. H. G. and W. H. Lykken. 2,440,285, Apr. 27.
Pump: *See*—
Double-acting pump. Two-stage pump.
Emergency pump.
Pump for dispensing beverages, Metering motor operated. B. G. Copping and E. S. Wegman. 2,440,365, Apr. 27.
Pump impeller. W. H. Welsh. 2,440,317, Apr. 27.
Pump mechanism, Radial vane. H. B. Miller. 2,440,593, Apr. 27.
Pumping apparatus. J. Mann. 2,440,611, Apr. 27.
Purification of raw water from colloidal humic substances A. M. R. Karlstrom. 2,440,514, Apr. 27.
Pyrogallol reagent and its preparation, Sensitized. R. L. Tuve. 2,440,315, Apr. 27.
Quick action coupling. F. D. Smith. 2,440,452, Apr. 27.
Rack: *See*—
Smokehouse rack.
Radio locator test apparatus. E. L. Ginzton. 2,440,261, Apr. 27.
Radio system, Bomb release. E. O. Keizer. 2,440,609, Apr. 27.
Ramie, Obtaining of. M. M. Wise. 2,440,562, Apr. 27.
Reflector sheet and making the same, Lenticular reflex. H. Heltzer and J. E. Clarke. 2,440,584, Apr. 27.
Refrigerating device, Immersion type. J. S. Erickson. 2,440,397, Apr. 27.
Refrigeration system, Absorption type. W. R. Hainsworth. 2,440,583, Apr. 27.
Register equipped with discharge tube means, Key controlled numerical digit. G. Deakin. 2,440,249, Apr. 27.
Regulator: *See*—
Voltage regulator.
Relief valve. F. B. Hunter. 2,440,608, Apr. 27.
Resilient mounting. G. H. Kaemmerling. 2,440,670, Apr. 27.
Resistance of red phosphorous to oxidation, Increasing the. M. S. Silverstein. 2,440,303, Apr. 27.
Rigging, Tractor-mounted buzz-saw. J. L. Westmoreland. 2,440,422, Apr. 27.
Rocket projectile. C. N. Hickman. 2,440,271, Apr. 27.
Roller. G. W. Hutchinson. 2,440,585, Apr. 27.
Roller, Tube. J. J. Begley. 2,440,536, Apr. 27.
Rosin modified with organic acids and making same, Esterified. L. Auer. 2,440,242, Apr. 27.
Rotor equipped aerial device. H. S. Campbell. 2,440,294, Apr. 27.
Rotor equipped aerial device. J. P. Perry. 2,440,296, Apr. 27.
Rotor equipped aerial device. H. F. Pitcairn. 2,440,291, Apr. 27.
Rotor equipped aerial device. H. F. Pitcairn and P. H. Stanley. 2,440,292, Apr. 27.
Rotor equipped aerial device. P. H. Stanley. 2,440,293, Apr. 27.
Rotor equipped aerial device. K. P. Synnestvedt. 2,440,295, Apr. 27.
Rubber in plants by fermenting with clostridium, Recovery of. J. Naghski, J. W. White, Jr., and S. R. Hoover. 2,440,554, Apr. 27.
Rubbery materials, Compounding. F. S. Rostler and H. I. du Pont. 2,440,299, Apr. 27.
Safety device for dumping vehicles. S. J. Bruno. 2,440,325, Apr. 27.
Safety joint. L. E. Edwards. 2,440,257, Apr. 27.
Safety oiling car journals. W. F. Eisensmith. 2,440,331, Apr. 27.
Salicyloyl-beta alanide. H. Urist and G. J. Martin. 2,440,658, Apr. 27.
Sanding machine, Edge. O. E. Hadwiger. 2,440,440, Apr. 27.
Saw filing tool. J. W. Hall. 2,440,633, Apr. 27.
Scavenging for engines, Uniflow. E. O. P. Thege. 2,440,310, Apr. 27.
Sealing the stem of hollow valves. W. E. Clements. 2,440,461, Apr. 27.
Separating machine. J. Q. Sherman. 2,440,302, Apr. 27.
Sewing machine. C. F. Rubel. 2,440,615, Apr. 27.
Shank, Eaves trough. H. E. Usinger. 2,440,528, Apr. 27.
Sharpener, Razor blade. E. Olson. 2,440,520, Apr. 27.
Shear head for electric dry shavers. E. Jost. 2,440,586, Apr. 27.
Sheet material for the electrolytic formation of an azo dyestuff thereon, Fibrous. M. Solomon. 2,440,526, Apr. 27.
Ship for handling package freight, Container. L. D. Smith. 2,440,306, Apr. 27.
Ship hold. L. D. Smith. 2,440,307, Apr. 27.
Shock absorber. J. F. Wallace. 2,440,353, Apr. 27.
Shoe with tucked in heel cover, and method, Slip lasted. W. Braun. 2,440,362, Apr. 27.
Shutterless motion picture lens system. C. L. Tomlinson. 2,440,313. Apr. 27.
Shuttle valve. O. A. Kehle. 2,440,478, Apr. 27.
Signal: *See*—
Curb guiding signal.
Signal reproducing system. J. Sharpe. 2,440,301, Apr. 27.
Signaling apparatus, Warning. G. M. Strickland and A. McGill. 2,440,453, Apr. 27.
Skate wheel structure. D. E. Batesole. 2,440,650, Apr. 27.
Slats for cotton harvesters, Spindle. J. D. Rust. 2,440,450, Apr. 27.
Smelting furnace. L. S. Longenecker. 2,440,374, Apr. 27.
Smokehouse rack. G. Kaelin and C. G. Garey. 2,440,513, Apr. 27.
Smoking device. M. J. Doppelt. 2,440,396, Apr. 27.
Sodium aluminate solutions, Treatment of. J. W. Newsome, H. W. Heiser, and J. R. Wall. 2,440,378, Apr. 27.
Solids and gaseous fluids, Contacting. W. O. Taff. 2,440,620, Apr. 27.
Sound reproducing, Control mechanism for. F. Van Eps. 2,440,420, Apr. 27.
Soup and the like and production, High fat ingredients for. C. G. Harrel and R. O. Brown. 2,440,604, Apr. 27.
Spectacle case. P. Mittell. 2,440,552, Apr. 27.
Spot weld tip with replaceable insert. L. W. Cornwall. 2,440,463, Apr. 27.
Stacking machine. J. A. Poitras. 2,440,347, Apr. 27.
Stapling apparatus. J. C. Lang. 2,440,479, Apr. 27.
Starter drive, Engine. D. L. Miller. 2,440,657, Apr. 27.
Steam engines and the like, Speed and cut-off control means for. A. Doble. 2,440,328, Apr. 27.
Steel of low phosphorus content, Manufacture of basic. M. L. Allard. 2,440,564, Apr. 27.
Steroid thioacetals, Hydrogenalysis of. S. Bernstein and L. Dorfman. 2,440,660, Apr. 27.
Stitching machine. W. R. Spiller and R. J. Niederhauser. 2,440,618, Apr. 27.
Strainer, Self-cleaning. K. P. Schenke. 2,440,384, Apr. 27.
Sulfonated aromatic compounds as cation exchange resins, Aldehyde condensation products of. J. T. Thurston. 2,440,669, Apr. 27.
Sulfur containing coating compositions. V. J. Frilette. 2,440,467, Apr. 27.
Supply system for aircraft, Fuel. R. E. Grey and E. M. Gavin. 2,440,262, Apr. 27.
Support: *See*—
Acetylene torch cutter support.
Support for garments and the like, Demountable. E. S. and W. D. Eakin. 2,440,631. Apr. 27.
Support for vehicles, Crossbar. F. Fahland. 2,440,437, Apr. 27.
Switchboard plug. H. C. Calvin. 2,440,661, Apr. 27.
Tee for golf balls. J. W. Hughes. 2,440,473, Apr. 27.
Testing device, Electromagnetic. F. Dedek. 2,440,575, Apr. 27.
Thread holder for multistack magazines, Pneumatic. G. N. Peterson. 2,440,523, Apr. 27.
Time fuse element. J. C. W. Frazer and O. G. Bennett. 2,440,579, Apr. 27.
Tool: *See*—
Endless track tool. Saw track tool.
Pneumatic tool.
Tool joint. A. H. Bell. 2,440,651, Apr. 27.
Tool joint. J. W. E. Hanes. 2,440,441, Apr. 27.
Toothbrush holder. C. F. Schulte. 2,440,385, Apr. 27.
Traction device for resilient tires and wheels. G. O. Hack. 2,440,632, Apr. 27.
Tractor, Endless track type row crop. F. G. Lewis and C. P. Stephen. 2,440,518, Apr. 27.
Training machine, Football. A. F. Denby. 2,440,577, Apr. 27.
Transformer. J. W. Farr. 2,440,540, Apr. 27.
Translating device. J. J. Antalek. 2,440,565, Apr. 27.
Translating system, Capacitor. H. A. Strickland, Jr. 2,440,309, Apr. 27.
Transmission. P. Orr. 2,440,613, Apr. 27.
Transmission. H. C. Wimer. 2,440,625, Apr. 27.

Transmission, Fluid. J. Jandasek. 2,440,445, Apr. 27.
Transmission line, Artificial. N. E. Beverly. 2,440,652, Apr. 27.
Transmission operating mechanism. H. W. Price. 2,440,558, Apr. 27.
Transmission, Power. K. I. Postel. 2,440,614, Apr. 27.
Transport vehicle. R. A. Norbom. 2,440,379, Apr. 27.
Trap. L. Bourgeois. 2,440,570, Apr. 27.
Trousers. C. Brode. 2,440,573, Apr. 27.
Truck, Auxiliary vehicle. E. H. Etgen. 2,440,502, Apr. 27.
Tube of flexible composite sheet material and the manufacture thereof. W. Langer. 2,440,339, Apr. 27.
Tube tester, Electronic. R. D. Hickok. 2,440,607, Apr. 27.
Tube tester, Electronic power. A. S. Oravetz. 2,440,287, Apr. 27.
Tuyere. W. A. Riddell. 2,440,382, Apr. 27.
Two-stage pump. A. G. Sheppard. 2,440,560, Apr. 27.
Unpickable lock. F. E. Best. 2,440,433, Apr. 27.
Valve: *See*— Shuttle valve.
Relief valve.
Valve for two-temperature refrigerating systems, Selecting. L. W. Atchison. 2,440,534, Apr. 27.
Vehicle: *See*—
Transport vehicle.
Vending machine. J. M. Devens. 2,440,251, Apr. 27.
Ventilator, Window. J. C. Gerken. 2,440,468, Apr. 27.
Volatile fluoride recovery. E. C. Hughes. 2,440,542, Apr. 27.
Voltage-limiting arc interrupter. R. R. Pittman. 2,440,484, Apr. 27.
Voltage regulator. G. W. Cook. 2,440,246, Apr. 27.
Vulcanizing mold. T. P. Bacon, Jr. 2,440,321, Apr. 27.
Washing apparatus for bottle washers. C. L. Trier and J. W. Fogg. 2,440,419, Apr. 27.
Water saver. W. M. Anderson, Sr. 2,440,389, Apr. 27.
Welding system. J. W. Dawson. 2,440,247, Apr. 27.
Wheel: *See*—
Automobile and airplane wheel.
Wheel cover. G. A. Lyon. 2,440,638, Apr. 27.
Wheel for vehicles, Track. O. Singer. 2,440,417, Apr. 27.
Wiper, Oil gauge-line. M. H. Bow. 2,440,571, Apr. 27.
Yeast and of yeast- and vitamin-rich products, Preparation of. G. A. Jeffreys. 2,440,545, Apr. 27.
Yeast and other products, Symbiotic process for preparing. G. A. Jeffreys. 2,440,546, Apr. 27.

CLASSIFICATION OF PATENTS

ISSUED APRIL 27, 1948

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

1—	13: 2,440,479	62—	141: 2,440,397	121—	136: 2,440,373	179—	27: 2,440,277	235—	144: 2,440,665	260—	2,440,525
	15: 2,440,618	66—	14: 2,440,333		143: 2,440,328		84: 2,440,281	236—	44: 2,440,627		683.15: 2,440,286
2—	8: 2,440,596		48: 2,440,280		167: 2,440,259		115.5: 2,440,439		2,440,628		683.4: 2,440,454
	42: 2,440,426		68: 2,440,496	123—	51: 2,440,310		171.5: 2,440,264	240—51.11:	2,440,603	261—	92: 2,440,446
	2,440,466		118: 2,440,413		55: 2,440,488		2,440,320	241—	56: 2,440,285		99: 2,440,580
	49: 2,440,666	70—	300: 2,440,433		65: 2,440,645		2,440,621		187: 2,440,388	266—	10: 2,440,374
	179: 2,440,407		309: 2,440,434		97: 2,440,336		2,440,622	244—	18: 2,440,291		34: 2,440,456
	231: 2,440,573		373: 2,440,432		2,440,483	180—	9.1: 2,440,518		2,440,292	267—	64: 2,440,353
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12—	142: 2,440,393	74—	7: 2,440,657	125—	13: 2,440,464		28: 2,440,411		2,440,533	273—	33: 2,440,473
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	6: 2,440,596		336.5: 2,440,588	131—	198: 2,440,396		104: 2,440,551		48.1: 2,440,528	280—	29: 2,440,527
	18: 2,440,321		388: 2,440,255		235: 2,440,387	192—	8: 2,440,630		68: 2,440,469		31: 2,440,539
	19: 2,440,499		472: 2,440,558	134—	48: 2,440,419		18: 2,440,304		221: 2,440,576		124: 2,440,502
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	209.4: 2,440,424		127: 2,440,381		48: 2,440,529		2,440,482	33:	2,440,597	298—	11: 2,440,325
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	105: 2,440,398		42: 2,440,568		2,440,296		167: 2,440,384		330: 2,440,617		193: 2,440,541
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62—	3: 2,440,524		53: 2,440,372	179—	15: 2,440,239	235—	61: 2,440,438		680: 2,440,471	346—	33: 2,440,647
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This list shows the correct classification of those patents wherein the classification given in the patent head has been changed.

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2,440,292:	244—18	2,440,342:	315—259	2,440,421:	260—465	2,440,511:	250—27.5	2,440,591:	183—121	2,440,664:	154—83
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CLASSIFICATION OF DESIGNS

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Des. 149,423
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U. S. GOVERNMENT PRINTING OFFICE: 1948

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

ALBERT R. THOMPSON
v.
GUY A. DUNN ET AL.

No. 5354. Decided January 6, 1948

[— F.2d —; — USPQ —]

1. INTERFERENCE—BURDEN OF PROOF.
Appellee being the junior party the burden was upon him to establish priority of the invention defined by the counts in issue by a preponderance of the evidence.

2. SAME—REDUCTION TO PRACTICE.
Perfect results are not to be expected or necessary to establish that a machine conforming to the counts in issue was satisfactory.

3. SAME—SAME—DILIGENCE.
Where appellee was the first to conceive the invention, but the last to reduce to practice, it was incumbent on appellee to establish that he was diligent in reducing the invention to practice from a time just prior to appellant's entry into the field.

4. SAME—SAME—SAME.
Where the involved counts call for feeding and impaling devices, but do not call for a peeling turret, it is necessarily implied that it does not require any specific peeling means to make them operative, and therefore, the development of such a peeling means could not be a prerequisite to the reduction to practice of the invention in issue.

5. SAME—SAME—SAME.
Where it is evident from the Board's decision that it was of the opinion that work done on any part of the completed machine, although not on the elements defined by the involved counts, constituted diligence by appellee in reducing to practice the invention here involved, *Held* that appellee's work in perfecting a peeling mechanism, was not a showing of diligence in reducing to practice the feeding and impaling mechanism defined by the counts in issue.

6. SAME—SAME—SAME.
It is well settled that diligence will not wait upon commercial expediency.

7. SAME—SAME—SAME.
It has frequently been held that diligence has been exercised where work on one invention was necessary to successfully develop a second invention (1) where it was necessary to raise money for reducing the second invention to practice and (2) where the situation was such that the second invention was so related to the first invention that it was necessary to develop the first before the second could be properly tested.

8. SAME—PRIORITY—FRUIT HANDLING MACHINE.
Record reviewed and *Held* that since appellee was not diligent in reducing to practice the feeding mechanism and the impaling mechanism defined by the counts in issue, the decision of the Board of Interference Examiners is reversed.

APPEAL from the Patent Office. Interference No. 78,866.

REVERSED.

Paul D. Flehr, John F. Swain, Philip A. Minnis, and *Russel N. Low* for Thompson.

Lyon & Lyon (*Lewis E. Lyon* and *Charles M. Thomas* of counsel) for Dunn.

HATFIELD, *J.:* *

This is an appeal in an interference proceeding from the decision of the Board of Interference Examiners of the United States Patent Office awarding priority of invention of the subject matter defined by the counts in issue, Nos. 1 and 2, to appellee Guy A. Dunn.

At the time of the decision of the Board of Interference Examiners the interference involved the application of appellant, No. 267,835, filed April 14, 1939, the joint application of appellees Dunn and Borchers, No. 264,802, filed March 29, 1939, and the sole application of appellee Dunn, No. 382,650, filed March 10, 1941.

It appears from the record that the application of appellant was assigned to the Food Machinery Corporation of San Jose, California, and that the application of each of the appellees was assigned to the California Packing Corporation of San Francisco, California, so that the applications of Guy A. Dunn and Dunn and Borchers are owned by a common assignee.

Although the application of Dunn and Borchers was filed prior to the applications of both appellant Thompson and appellee Dunn, no appeal was filed in this court by the joint applicants. Accordingly, the issue as presented here is solely between appellant Thompson and appellee Dunn. See *Wheeler, Hoover, and Dirkes* v. *Kleinschmidt and Colman*, 32 CCPA (Patents) 975, 149 F.2d 161, 65 USPQ 407, 577 O. G. 875.

[1] Appellee Dunn is the junior party and the burden was upon him to establish priority of the invention defined by the counts in issue by a preponderance of the evidence.

The invention defined by the counts in issue relates to a fruit handling machine comprising two rotating turrets, one of which carries impaling members which are adapted to receive the fruit and hold it while it is processed as, for example, by peeling. The other turret carries holders, each of which is adapted to receive a fruit and carry it into a position in which it is aligned with an impal-

* This cause was originally decided by this court on January 6, 1948. Thereafter counsel for appellee filed a petition for rehearing. The rehearing was granted March 12, 1948, solely for the purpose of permitting the court to revise certain language in its original decision.

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ing member. The movement of the holders is controlled in such manner that each remains in alignment with an impaling member for a definite period of time, while the turrets continue to rotate, and during that time the impaling member impales the fruit, the holder releases it, and the impaling member withdraws it from the holder.

Count 2 of the interference is sufficiently illustrative of the subject matter in issue. It reads:

> A fruit handling machine comprising cooperating rotatable members, a reciprocable fruit impaling device carried by one of said members, an expansible fruit holder carried by the other of said members, means for continuously rotating said rotatable members in timed relation, means cooperating with the fruit holder for moving the same into and out of axial alignment with the impaling device and for maintaining the fruit holder in axial alignment with the impaling device for a finite distance, means for reciprocating said impaling device during such alignment to impale and remove fruit from said holder, means for holding the fruit holder closed during the impaling movement of said impaling device whereby the fruit is supported in said fruit holder until impaled, and means for opening the fruit holder to release the fruit as the impaling device is retracted.

The Board of Interference Examiners held, on the evidence presented, that Thompson conceived the invention on August 26, 1937, and that he reduced the invention to practice in August 1938. It also held that appellee Dunn had established that he conceived the invention in December 1936 and that he reduced the invention to practice in November 1938.

The real issue in the case involves the question of diligence; that is, whether appellee Dunn was diligent during the critical period from the time appellant entered the field—August 26, 1937—until he reduced the invention to practice in November 1938. If appellee was diligent during that period, he is entitled, as held by the Board of Interference Examiners, to an award of priority of invention. On the contrary, if he was not exercising reasonable diligence in reducing the invention to practice during the critical period, appellant Thompson is entitled to an award of priority of invention.

It is not contended here by counsel for appellee that appellant did not conceive the invention in issue as early as August 1937. Accordingly, it is unnecessary for reasons hereinafter stated, to determine whether appellant is entitled to an earlier date for conception of the invention.

[2] The Board's decision, holding that appellant reduced the invention in issue to practice in August 1938, is based upon a machine conforming to the counts in issue which was built under the supervision of appellant and the witness Leonard McGihon, who was employed as a designing engineer by appellant's assignee, from September 16, 1937, until April 1939. In the machine referred to, the peeling and feeding turrets rotated about a common axis; however, the Board properly held that the counts in issue do not require that the turrets be mounted on different axes.

It further appears from the record that the testimony of appellant, the witness McGihon, and the witness Richard D. Fox who was employed by appellant's assignee as an assistant chief engineer of a division of appellant's assignee company, clearly established that appellant's machine was completed and sufficiently tested as early as August 1938. Each of those witnesses stated that he observed the results of the tests and that they were better than those obtained by the use of the standard commercial machine in use at that time.

It is true that the testimony introduced by appellant indicates that about 20 per centum of the pears processed by appellant's new machine required some hand trimming before canning. However, perfect results are not to be expected in view of the irregular shapes and sizes of the fruit used. Furthermore, a test report offered by appellee Dunn—Exhibit III—shows percentages of pears satisfactorily peeled, ranging from ninety-five per centum down to sixty per centum. It appears from that exhibit that "Various types of pears had a great bearing on the percent of Pears satisfactorily peeled as is indicated in the variations shown." Accordingly, the fact that twenty per centum of the pears treated by the 1938 Thompson machine required hand trimming does not establish that the machine was not satisfactory.

Counsel for appellee Dunn argue that as the Thompson machine, hereinbefore referred to, was not produced commercially, and that as appellant's application was not based upon that machine, but rather on one in which the turrets rotated upon separate axes, the machine reduced to practice in August 1938 was not a success.

The circumstances hereinbefore related might have some weight if the issue here involved were otherwise doubtful, however, the argument presented by counsel for appellee is not sufficient to justify disregarding the uniform testimony of the witnesses that the Thompson machine was satisfactory. See *Ernest Hedenskoog* v. *John Cayton Backus*, 18 CCPA (Patents) 1065, 48 F.2d 408, 8 USPQ 436, 409 O. G. 290, and *Schmitz, Jr.* v. *Silver*, 26 CCPA (Patents) 1164, 103 F.2d 390, 41 USPQ 475, 507 O. G. 780. We are of opinion, therefore, that the Board properly held that Thompson successfully reduced the invention in issue to practice in August 1938.

[3] The Board further held that appellee Dunn first successfully reduced the invention to practice in November 1938, approximately three months subsequent to the reduction to practice of the invention by appellant. We have carefully considered the evidence of record and are of opinion that the evidence submitted by appellee is not sufficient to support a holding that he reduced the invention to practice prior to November 1938. Furthermore, it does not appear to be seriously contended by counsel for appellee that he is entitled to an earlier date for reduction to practice. Accordingly, it was properly held by the Board that although appellee was the first to conceive the invention, he was the last to reduce it to practice. As hereinbefore noted, it was incumbent on appellee to establish that he was diligent in reducing the invention to practice from a time just prior to appellant's entry into the field—August 1937—until appellee reduced the invention to practice in November 1938.

It clearly appears from the record that appellee Dunn devoted his attention and work, during the critical period, to the development of a satisfactory pear peeling means (not to be confused with the peeling turret upon which the peeling means is mounted) which is not included either in his disclosure or in the counts in issue, although it appears that when he completed and tested his peeling means in November 1938, which included the invention here involved, he had a satisfactory machine. However, it does not appear until that time that he had reduced to practice the invention here involved which comprises the two rotating turrets called for by the counts in issue. Furthermore, it is impossible to determine from the evidence submitted by appellee that his activities were diligently directed to the reduction to practice of the involved invention until subsequent to appellant's reduction to practice. It is clear from the record that appellee was attempting to develop a pear peeling mechanism which, it was thought, would operate more satisfactorily from a commercial standpoint in conjunction with his conception of the invention here involved.

[4] The witness Roy G. Lucks, manager of the Northwest division of the California Packing Corporation and who was associated with appellee, testified that "* * * prior to this time [November 8, 1937] I had repeatedly told Dunn I thought he should concentrate on the development of the *peeling turret* in order to overcome the difficulties that we were having in *peeling the pears* and that I was satisfied with the ideas that he had for the construction of the feed unit were sound and were operable. I felt, nevertheless, that he should first construct the peeling turret." [Italics ours.] That statement, together with the other evidence of record, clearly indicates an intention on the part of appellee to delay the building and testing of the involved invention until he had constructed a satisfactory peeling turret. It should be understood in the consideration of this case that although the involved counts call for feeding and impaling devices, they do not call for a peeling means. Accordingly, the assumption that appellee's application discloses a complete pear treating device necessarily implies the existence in the prior art of peeling means which could be mounted on the main turret in appellee's application and used in connection with the feeding means. In other words, the feeding and impaling means disclosed in appellee's application and set forth in the counts in issue are of such a nature that it does not require any specific peeling means to make them operative. The development of such a peeling means, therefore, could not be a prerequisite to the reduction to practice of the invention here in issue.

[5] It is evident from the Board's decision that it was of opinion that work done on any part of the completed machine, although not on the elements defined by the involved counts, constituted diligence by appellee in reducing to practice the invention here involved. We are not of that opinion. It is apparent from the record that appellee and his associates contemplated modifications in their peeling mechanism and proceeded to perfect such a mechanism before appellee attempted to reduce to practice the feeding and impaling mechanism called for by the counts in issue. In so doing, appellee, of course, is not open to criticism. [6] It is well settled, however, that diligence will not wait upon commercial expediency. See *Bastian* v. *Champ*, 34 App. D. C. 225, 1910 C. D. 321, 152 O. G. 734; *Peterson* v. *Thomas*, 56 App. D. C. 113, 10 F.2d 908, 347 O. G. 4; *George C. Beidler* v. *Arthur W. Caps and Ivan E. Leininger*, 17 CCPA (Patents) 703, 36 F.2d 122, 4 USPQ 58, 392 O. G. 241; *Hurd* v. *Smith*, 25 CCPA (Patents) 1137, 97 F.2d 147, 37 USPQ 708, 496 O. G. 571; and *Preston et al.* v. *White*, 25 CCPA (Patents) 1219, 97 F.2d 160, 37 USPQ 802, 496 O. G. 1108.

[7] It has frequently been held that diligence has been exercised where work on one invention was necessary to successfully develop a second invention (1) where it was necessary to raise money for reducing the second invention to practice and (2) where the situation was such that the second invention was so related to the first invention that it was necessary to develop the first before the second could be properly tested.

For example, where it is necessary to raise money in order to reduce the second invention to practice, see *Christensen* v. *Ellis*, 17 App. D. C. 498, 1901 C. D. 326, 94 O. G. 2561; *Wayne* v. *Tew*, 53 App. D. C. 336, 1923 C. D. 247, 313 O. G. 235; and *Joy* v. *Morgan*, 54 App. D. C. 110, 295 Fed. 931, 1924 C. D. 208, 320 O. G. 4.

Where the inventions are so related that it is necessary to develop the first invention before the second could be properly tested, see *Chapman* v. *Candee and Taylor*, 1872 C. D. 190. However, in neither of the two illustrations hereinbefore referred to is it proper in an interference case to delay the reduction to practice of the invention defined by the counts in issue and devote time and energy to the development of an auxiliary device which is not essential to the testing of the invention in issue.

In the case of *Lotterhand* v. *Hanson*, 23 App. D. C. 372, 1904 C. D. 646, 110 O. G. 861, it was held that where an inventor who had conceived an attachment for a typewriter and delayed the testing of it until he had attempted to develop a new typewriter, such development did not amount to diligence in reducing the attachment to practice. See also, *Stapleton* v. *Kinney*, 18 App. D. C. 394, 1901 C. D. 414, 96 O. G. 1432; *Hawkins* v. *Ward*, 1912 C. D. 50, 175 O. G. 845; *Clement* v. *Roberts*, 51 App. D. C. 29, 1921 C. D. 243, 288 O. G. 829; *Russell* v. *Sisson*, 55 App. D. C. 401, 1925 C. D. 274, 338 O. G. 249; *Brogden* v. *McDill et al.*, 57 App. D. C. 116, 18 F.2d 158, 364 O. G. 57; *Rollie B. Fageol* v. *Gabriel Midboe*, 19 CCPA (Patents) 1117, 56 F.2d 867, 13 USPQ 30, 421 O. G. 1179; and *Smith* v. *Nevin*, 22 CCPA (Patents) 748, 73 F.2d 940, 23 USPQ 353, 452 O. G. 469.

It is unnecessary that we here enter into a detailed discussion of all of the decisions applicable to the proposition of law hereinbefore stated.

There is nothing of record in the instant case to indicate that appellee was financially unable to properly test and reduce to practice the invention defined by the counts in issue, or on the other hand, to file an application for a patent for such invention. Certainly it did not require the testing of a peeling device in order to determine whether the elements defined by the counts in issue, that is, the feeding mechanism and the impaling mechanism and the drive means therefor, were adequate for their intended purposes. We are of opinion, therefore, that appellee was not diligent in reducing to practice the feeding mechanism and the impaling mechanism defined by the counts in issue.

It is contended here by counsel for appellee, as we understand it, that appellee is entitled to the filing date of the Dunn and Borchers joint application and that that application warrants a holding that appellee is entitled to be considered as the senior party, as the joint application was filed prior to the filing date of appellant. In support of that statement it is argued by counsel for appellee that it has been conclusively established that the invention in issue was made solely by appellee and that the filing of the joint application for the invention was a mistake. We are of opinion that it is unnecessary to rule on that question. Appellant's date of conception and reduction to practice are satisfactorily established, whether he be considered as the junior or senior party, and even if appellee were considered as the senior party, rather than the junior party, the conclusions reached as to appellee's dates of conception and reduction to practice, and his lack of diligence, would not be affected.

Counsel for appellee argue that as appellant considered the machine built by his associate McGihon to embody the best form of his invention and that, since appellant did not disclose that machine in his application, he has not complied with Sec. 4888, R. S. (U. S. C., Title 35, sec. 33) which requires that an inventor shall disclose "the best mode in which he has contemplated applying" the principle of his invention. That argument does not relate to priority of invention, but merely to appellant's right to obtain a patent. Accordingly, it cannot properly be considered by this court in an interference proceeding. See *Robert F. Gowen* v. *William F. Hendry and Robert W. King*, 17 CCPA (Patents) 789, 37 F.2d 426, 4 USPQ 161, 393 O. G. 1024, and *Albert Broadmeyer* v. *Harmon E. Lindbladh*, 18 CCPA (Patents) 1004, 47 F.2d 381, 8 USPQ 155, 408 O. G. 831.

[8] Counsel for appellant contend that for various reasons, not necessarily here involved, relating to the filing and prosecution of the Dunn and Borchers joint application, appellee Dunn is barred from receiving an award of priority. Since we are of opinion that appellant is entitled to an award of priority on the evidence of record, it is unnecessary that we consider that contention.

For the reasons stated, the decision of the Board of Interference Examiners is reversed.

REVERSED.

BLAND, *J.*, sat during the argument of this case, but resigned before the opinion was prepared.

U. S. Court of Customs and Patent Appeals

IN RE KRASNOW ET AL.

No. 5376. Decided February 10, 1948

[— F.2d —; 76 USPQ 567]

1. PRACTICE—APPEAL TO COURT—REASONS OF APPEAL—ABANDONED WHEN NOT DISCUSSED IN BRIEF.

Though in the notice of appeal the proper reasons of appeal were assigned to the Board's holding in respect to certain patents, those reasons may not be relied upon because they were not discussed in the brief and are assumed to be abandoned here.

2. PATENTABILITY—METHOD OF CONDUCTING GEOLOGICAL EXPLORATION WITHIN A BOREHOLE.

Certain claims to a method of conducting geological explorations within a borehole *Held* sufficiently disclosed in appellants' earlier application to warrant their allowance, and *Held* further that those claims are neither indefinite nor ambiguous.

APPEAL from the Patent Office. Serial No. 433,212.

MODIFIED.

Shelley Krasnow, pro se.

W. W. Cochran (*H. S. Miller* of counsel) for the Commissioner of Patents.

JACKSON, *J.*:

This is an appeal from a decision of the Board of Appeals of the United States Patent Office affirming that of the Primary Examiner, rejecting claims 4, 5, 7, 11, 12, 13, 21, and 22 of appellants' application, Serial No. 433,212, for a patent, filed March 3, 1942, for a new and useful improvement in Radiant energy activation. Three claims were allowed.

The claims were rejected by the Primary Examiner for want of patentability over the following references: Bender, 2,133,776, October 18, 1938; Hassler, 2,197,453, April 16, 1940; Buckley, 2,220,205, November 5, 1940; Brons, 2,220,509, November 5, 1940; Ennis, 2,228,623, January 14, 1941; Fearon, 2,308,361, January 12, 1943; Neufeld, 2,320,643, June 1, 1943; Albertson, 2,339,129, January 11, 1944.

In the interest of clarity we deem it proper to quote all of the rejected claims. They read as follows:

4. In a method of conducting operations within a deep borehole, the steps of fixing within the walls of the borehole a radioactive material, so that the said radioactive material is definitely associated with a given locality and emits radioactive rays at that locality, of conducting radioactive measurements at various points proximate to the desired point, and of noting the locality at which the radioactivity due to the fixed radioactive material is pronounced, thereby locating the said locality definitely.

5. In a method of indicating desired localities within a borehole, the steps of fixing radioactive material within the walls of the borehole so that the said material will send radioactive rays into the borehole at the desired localities, of receiving radioactive rays due to the said material, and noting the locality at which the effect is most pronounced, thereby locating the desired locality definitely.

7. In a method of conducting operations within a deep narrow borehole, the steps of introducing radioactive material into the borehole, of causing a change within the borehole so that rays emitted at a certain level will be different than before the introduction of the radioactive material, of making a measurement of depth to a point within the borehole at which the radioactive conditions have been altered, thereby obtaining information as to conditions at that depth.

11. In a method of investigating material existing within boreholes, the steps of introducing radioactive material into the said borehole and proximate to the point to be investigated, of allowing the radioactive material to act upon the material in the borehole, and to bestow as a consequence upon the said material, an additional radioactive property, of placing an apparatus responsive to radioactivity within the borehole proximate to the point at which the material is to be investigated, and of obtaining a response due to the additional radioactive property, thereby furnishing an indication of the nature and location of the material.

12. In a method of marking formations within a borehole for subsequent identification, the steps of introducing into the borehole one of the radioactive decomposition products of radium, of applying the said material to selected portions of the borehole whereby the said substance will be retained therein and later identifying the said formation by the radioactive rays given off by the retained radium decomposition product.

13. In a method of investigating conditions within a deep narrow borehole, the steps of introducing radioactive material within a borehole, of causing the said material to move along the length of the borehole so that it may act upon the different levels thereof, thereby causing in the materials lining the borehole an augmented radioactivity dependent upon the reaction between the radioactive material and the material lining the borehole, of making measurements of radioactivity along the length of the borehole and identifying localities where the radioactivity has acted upon the material of the borehole.

21. In a method of conducting geological explorations within a borehole in which substances with different responses to radioactive materials exist, whereby certain of said substances when exposed to radioactive material will respond in greater proportion than other of said substances and will exhibit a stronger radioactivity as a consequence thereof, the steps of introducing radioactive material within the borehole at different localities thereof and exposed to the said substances, whereby the substances with greater response to the radioactive material will respond in greater proportion and exhibit a stronger radioactivity as a consequence thereof, of lowering a radioactive detecting instrument within the said borehole and proximate to the said substances, whereby the substances exhibiting a stronger radioactivity will be identified with certainty.

22. In a method of conducting geological explorations within a borehole in which a stratum with a limited radioactivity exists whereby the presence of the said stratum is detected with difficulty by radioactive means, the steps of introducing a radioactive substance within the borehole proximate to the said stratum, of exposing the said stratum to the said radioactive substance, whereby the said stratum will exhibit a stronger radioactivity than before, and of lowering a detecting apparatus proximate to the said stratum to detect the presence thereof.

The invention relates to a method and apparatus for measuring radioactivity with particular reference to the measuring of such activity in inaccessible locations, such as in the boreholes of oil wells.

Claims 4, 5, 11, and 12 were rejected by the Primary Examiner as unpatentable over any one of the Buckley, Ennis, Neufeld, or Albertson references. Claims 7, 13, 21, and 22 were rejected under any one of the Bender, Brons, or Fearon patents. Claim 7 was further rejected as unpatentable over the Neufeld or Albertson patents. Claims 12, 13, 21, and 22 were further rejected by the Examiner as being indefinite.

The Board of Appeals in affirming the decision of the Examiner added the further rejection that the appealed claims are so broad as to be ambiguous.

Appellants contend that their prior application, Serial No. 137,380, filed April 16, 1937, which date is prior to the effective date of the cited references, disclosed, as originally filed, the subject matter of the rejected claims, and that, therefore, none of the cited art is pertinent. They further contend that the patent to Bender is inoperative, and, therefore, ineffective as a reference, and that the patent to Ennis may not be used because of a prior interference proceeding.

[1] It is not necessary to discuss the disclosure of any of the references for the reason that, if on the one hand, appellants' contention that the subject matter of the appealed claims is disclosed in the earlier application, Serial No. 137,380, it is conceded by the Solicitor that the references are ineffective, and, on the other hand, should we agree with the holding of the Board that the appealed claims are entitled only to the date of the involved application, then we must affirm the rejection on the prior art, for the reason that it has not been argued in appellants' brief that claims 7, 13, 21, and 22 are patentable over the Brons or the Fearon patents, nor is it there argued that claims 4, 5, 11, and 12 are patentable over the patents to Neufeld or Albertson. While in their notice of appeal the proper reasons of appeal were assigned to the Board's holding in respect to those patents, those reasons may not be relied upon because they were not discussed in the brief and are assumed to be abandoned here. *In re McCabe*, 24 CCPA (Patents) 1224, 90 F.2d 111, 33 USPQ 539, 485 O. G. 266. The Board in its decision stated that with the exception of the patents to Ennis and Bender, appellees did not discuss the merits of the other references.

The major issues to be decided here are whether or not appellants' application, Serial No. 137,380, as originally filed in the Patent Office, teaches the subject matter of the invention, and whether the rejected claims are definite, proper, and read upon the disclosure of that application. Both appellants and the Solicitor agree that those are the issues determinative of the appeal.

The part of that application alleged to disclose the subject matter defined in the rejected claims reads as follows:

In certain localities, petroleum in particular may be found to have a limited radioactivity; so limited that detecting its presence with the apparatus shown becomes difficult. In these cases advantage may be taken of the superior absorptive power of petroleum for radium emanation. Radium emanation may be introduced at the surface of the bore-hole, being pumped into it so as to reach the lowest level. The bore-hole may then be cleaned out with a suitable fluid, such as water, and a test made for radioactivity in the manner described previously. It will be seen that if any petroleum exists in the bore-hole, it will absorb radium emanation in greater proportion than the other strata, and will therefore exhibit a stronger radioactivity.

The Board was of opinion that the above quotation was "cryptic and too incomplete to teach the subject matter of the appealed claims." The Board properly observed that the rejected claims should be closely scrutinized for the reason that allowance of claims, based on sketchy disclosures, would open the door to attack on intervening patents having clear disclosures and claims.

In holding that the rejected claims are so broad as to be ambiguous, the Board stated that "'Fixing—a material,' in claims 4 and 5; 'introducing—material—proximate to' in claims 11 and 22; 'introducing—at different localities—' in claim 21; 'applying—to selected portions' in claim 12; 'causing a change—so that rays emitted will be different,' in claim 7, and 'the reaction between the radioactive material and the material lining the bore hole' in

claim 13, * * * do not recite steps but are directed toward results not mentioned."

We agree with the holding of the Board that the steps of fixing radioactivity material within the walls of the borehole, as set out in claims 4 and 5, are not sufficiently disclosed in said prior application. It is obvious, we think, that the quoted disclosure of that application does not in any way indicate that radioactive material is fixed within the borehole. Neither do we find any disclosure that radioactive material is applied to "selected portions of the borehole," as called for in claim 12. With respect to claim 21, it is clear that the earlier application does not disclose the introduction of radioactive material at different localities in the borehole. Therefore, we are of opinion that the decision of the Board with respect to claims 4, 5, 12, and 21 should be affirmed.

The steps defined in claims 7, 11, 13, and 22, we think, are sufficiently disclosed in the earlier application to warrant their allowance. Each of those claims calls for the introduction of radioactive material within the borehole, and, of course, such introduction of that material reasonably must be held to extend to the bottom of the hole. In claim 7, the expression, "of causing a change within the borehole so that rays emitted at a certain level will be different than before the introduction of the radioactive material," can mean nothing else, as we see it, than as is disclosed in appellants' earlier application, that the radioactive material is absorbed in the stratum containing petroleum to a greater extent than in other strata, and, therefore, the rays emitted from that stratum will be stronger and different than they were before the introduction of the radioactive material. It is the introduction of radioactive material into the borehole that causes such change, and this, we think, is clearly disclosed.

With respect to claim 11, the step of "introducing radioactive material into the said borehole and proximate to the point to be investigated, of allowing the radioactive material to act upon the material in the borehole, and to bestow as a consequence upon the said material, an additional radioactive property," we think is properly disclosed. Certainly, "the point to be investigated" is the stratum wherein petroleum is thought to exist, and in introducing the radioactive material into the borehole, it is plain, according to our understanding, that such material would fill the borehole and of necessity be proximate to the stratum or strata containing petroleum, and because, where petroleum exists, it will absorb the radioactive material in greater quantity than the other strata, it will result in additional radioactivity emanations from the petroleum bearing strata.

We do not agree with the Board that the statement in claim 13, "thereby causing in the material lining the borehole an augmented radioactivity, dependent upon the reaction between the radioactive material and the material lining the borehole," expresses results not mentioned in the appellants' earlier application. In that claim it is set out that the radioactive material fills the borehole so that it may act upon the different strata therein. It is disclosed in appellants' earlier application that petroleum seems to have a greater affinity for radium emanation (a heavy inert radioactive gas) than substances found in other strata. Because of that disclosure, it appears that there is augmented radioactivity affecting in various degrees the different strata, the difference depending upon the varying absorptive properties of the different strata. This seems to us to describe the effect of the radium emanation, so that localities within the borehole may be properly measured by reason of the different emissions of radioactivity there present. Therefore, it seems to us that the disclosure relied upon by appellants is sufficient to justify allowance of claim 13.

We are not in agreement with the Board that the expression contained in claim 22, "introducing a radioactive substance within the borehole proximate to the said stratum," is not disclosed in the earlier application. In that claim the said stratum is defined to be "a stratum with a limited radioactivity." The application relied upon by appellants sets out specifically that petroleum may have such a limited radioactivity that the detection of its presence with appellants' apparatus becomes difficult. The stratum containing petroleum is cut through by the borehole. The radium emanation, to be of any effect at all, must be introduced throughout the entire area of the borehole and of necessity must be proximate to said stratum. We are of opinion that claims 7, 11, 13 and 22 should be allowed for the reason that their limitations are sufficiently disclosed, as contended by appellants in their earlier application. We further hold that those claims are neither indefinite nor ambiguous.

For the reason herein stated, the decision of the Board is reversed with respect to claims 7, 11, 13, and 22, and affirmed with respect to claims 4, 5, 12, and 21.

MODIFIED.

BLAND, *J.*, sat during the arguments of this case, but resigned before the opinion was prepared.

U. S. Court of Customs and Patent Appeals

COLUMBIA BROADCASTING SYSTEM INC.

v.

TECHNICOLOR MOTION PICTURE CORP. ET AL.

No. 5365. Decided January 27, 1948

TECHNICOLOR MOTION PICTURE CORP. ET AL.

v.

COLUMBIA BROADCASTING SYSTEM, INC.

No. 5366. Decided January 27, 1948

[— F.2d —; — USPQ —]

1. TRADE-MARKS—APPLICATION—"TELECOLOR" FOR TELEVISION APPARATUS—MEANING OF "TELE."

Where it appears from the record that to those connected with the television industry, "tele" is a recognized abbreviation of television, *Held* that if those in the industry give it that meaning, it must be so defined for trade-mark purposes.

2. SAME—SAME—SAME—DESCRIPTION.

Though "tele" is a dictionary term and is descriptive to only those skilled in the television art, *Held* registration of "telecolor" would be deniable as descriptive of a character of the goods under *In re Richfield Oil Co.*, 24 CCPA 996; 483 O. G. 465.

APPEAL from the Patent Office. Opposition No. 23,428.

AFFIRMED.

Pennie, Edmonds, Morton and Barrows (*Willis H. Taylor, Jr.* and *C. M. Fisher* of counsel) for Columbia.

Roberts, Cushman & Grover (*Charles S. Grover, William M. Cushman*, and *Richard F. Walker* of counsel) for Technicolor.

O'CONNELL, *J.*:

We have here appeals from decisions of the United States Commissioner of Patents, acting through the First Assistant Commissioner, in a trade-mark registration case, 69 USPQ 260. In one of the decisions an opposition involving two grounds was passed upon, and the other was a decision ex parte. Both were announced in a single opinion.

As will be observed from the caption, there are two appeals before us, but only one opinion is necessary. As is hereinafter stated, Technicolor Motion Picture Corporation was not in fact a party appellant in appeal No. 5366 and in that respect the caption is somewhat misleading.

On February 29, 1944, Columbia Broadcasting System, Inc., hereinafter usually referred to as C. B. S., filed in the Patent Office an application for registration, under the Trade-Mark Registration Act of February 20, 1905, of the word "Telecolor," shown printed in capital letters with the use of plain type, "for radio and television transmitting and receiving apparatus and component parts therefor," use of the mark being alleged "since February 11, 1944."

The application was opposed by Technicolor Motion Picture Corporation and Technicolor, Inc. It appears that the latter is a holding company which owns all the stock of the former but is not itself engaged in either the manufacture or sale of any products. The two companies joined in a single action of opposition but, it is stated, paid two filing fees in the Patent Office. A question was raised by the Examiner of Trade-Mark Interferences with respect to there being two parties in one action under the facts relating to the interest of the parties shown in this case, but in view of our conclusion that need not be discussed here.

The opposition was predicated upon two grounds, viz.:

First, it was alleged that "Telecolor" so closely simulates the full name of Technicolor, Inc., and, what was asserted to be, the "distinctive part" of the name of Technicolor Motion Picture Corporation, that it should be denied registration under that part of the second proviso of section 5 of the act, which reads:

* * * *Provided*, That no mark which consists merely in the name of * * * [a] corporation * * * shall be registered under the terms of this act.

The Examiner of Trade-Mark Interferences dismissed the opposition of Technicolor, Inc., based on the "name clause," but sustained the opposition of Technicolor Motion Picture Corporation on that ground. The First Assistant Commissioner reversed the latter holding, and, so far as the "name clause" was concerned, dismissed the opposition of both the opposing parties.

Technicolor, Inc., appealed from the First Assistant Commissioner's decision on this phase of the controversy, but Technicolor Motion Picture Corporation took no appeal. That issue is involved generally before us in appeal No. 5366, which is in fact improperly styled, since Technicolor, Inc., is the only appellant.

Second, it was alleged, particularly by Technicolor Motion Picture Corporation which plead ownership of two registrations of the term "Technicolor" used upon "motion picture films" since long prior to the date of use claimed by C. B. S. for "Telecolor" on television apparatus, that use by the latter party of the latter mark in the manner designed would be likely to cause confusion or mistake in the mind of the public or to deceive purchasers, especially as to origin. It was contended, therefore, that the registration sought by C. B. S. should be denied.

The Examiner of Trade-Mark Interferences sustained the opposition under the confusion in trade clause and the First Assistant Commissioner affirmed in that respect, whereupon C. B. S. took the appeal which became appeal No. 5365 on our calendar.

The questions raised in the opposition proceedings were interesting and they have received the attention of the court, much study having been given them, but, as we view the situation here, it is not only unnecessary to pass upon them, but any decision of them would be obiter.

The Examiner of Trade-Mark Interferences and the First Assistant Commissioner correctly held it to be their duty to consider ex parte the right of C. B. S. to the registration sought, entirely independently of the contentions of the opposers, under the statute as construed in various decisions of this court. See *Burmel Handkerchief Corp. v. Cluett, Peabody & Co., Inc.*, 29 CCPA (Patents) 1024, 127 F.2d 318, 53 USPQ 369, 542 O. G. 395, and cases therein cited.

They did this with the result that they concurred in the view that the registration should be denied because upon the record "Telecolor" was shown to be either a descriptive or a misdescriptive term with respect to television apparatus. This conclusion was based upon testimony given largely on direct examination by a witness whom C. B. S. itself called and who seemed well qualified to speak of the matters concerning which he testified.

[1] The decision of the Examiner of Trade-Mark Interferences on this phase of the matter is brief and pointed. He quotes all the testimony bearing

upon the issue involved ex parte and we here reproduce it, omitting the record page references:

Aside from the right of opposer to intervene herein on the grounds pleaded in the notice of opposition, it remains the duty of the Examiner to consider applicant's right of registration ex parte. *Burmel Handkerchief Corp.* v. *Cluett Peabody & Co., Inc.*, 542 O. G. 395; 29 CCPA 1024; 127 F.2d 318.

In the testimony of Larsen, witness for applicant, it was developed that the word "Tele" is a common term employed indicating "television." Indeed, the witness was quite insistent as to this fact as indicated by the following testimony:

Q57. Was there any short abbreviation that was used when discussing television, and if so, will you state what that is?

A. As far back as I recall, that is in the early development days, which goes back, in my particular case, to 1936, the common term we always employed in connection with television was the word "Tele."

Q58. That is, it was widely known by the public, in view of your acquaintance and work in the industry?

A. It is a very common term, used in technical discussions and used by the public as well.

* * * * * * *

Q61. And would you say that from your knowledge of the public's reaction to television announcements, that the public itself has begun to refer to affairs relating to television by the combining term "Tele"?

A. Yes, sir.

Q62. You have lectured to lay audiences, have you not, Mr. Larsen?

A. I have, sir.

Q63. And in the course of questioning and conversation amongst those lay attending, have you heard them use the word "Tele"?

A. Very often.

Q64. Among the advertisers, for example—and first I will ask you, Mr. Larsen, have you had contact with advertising firms that may have interest in television?

A. I have, sir.

Q65. And do they refer to the television art as "Tele"?

A. They do, sir.

* * * * * * *

XQ180. You say you are familiar with the personnel in the television business?

A. I am, sir.

XQ181. And with many people interested in it?

A. I am.

XQ182. Advertising concerns, I believe you mentioned some of them?

A. I am, yes, sir.

XQ183. And a portion of the lay public?

A. I am, sir.

XQ184. And to them you said "tele," just the four letters "tele" means television?

A. It is so used, yes, sir. I believe you will find that in the daily periodicals, weekly publications, monthly publications, the word "television" is very seldom used and it is always abbreviated to the word "tele" by such papers as the Herald, Variety and others.

XQ185. Of course "color" just means color to all of the general public?

A. That is correct, sir.

XQ186. And it follows, then, that combining the two "tele color" is merely descriptive of broadcasting television in color?

The last question quoted was objected to by counsel for applicant and the witness was instructed not to answer the question and no answer was given.

It would seem from this testimony that "Tele" is a mere abbreviation of "television" and is so understood by a great portion of the public. Under such circumstances applicant's notation "Telecolor" means no more than television color. In cases where color pictures are transmitted and received over apparatus bearing this designation, the mark would be merely descriptive of a characteristic of the goods and if only black and white pictures are transmitted and received it would be misdescriptive of such character. Under these circumstances the Examiner is of the opinion that the applicant is not entitled to registration under the act of 1905 of such a descriptive or misdescriptive term.

The First Assistant Commissioner said:

The denial of registration to applicant, ex parte, is based upon the proposition that "Telecolor" means nothing more than television color. The testimony conclusively shows that to those connected with the industry, "tele" is a recognized abbreviation of "television," and as such is widely used. If those in the industry give it that meaning, it must be so defined for trade-mark purposes. *In re Richfield Oil Co.*, 24 CCPA 996, 88 F.2d 499. As applied to color television apparatus, "Telecolor" is thus plainly descriptive of a quality or characteristic of the goods. If applied to black and white television apparatus, it is downright deceptive. On either score, the Examiner of Interferences properly refused registration.

The testimony is clear, unequivocal and uncontradicted as to the art of television in which apparatus for transmitting and receiving are indispensable parts. There is nothing to justify us in disregarding it.

[2] "Tele" is a dictionary term which is defined in substantially the same manner by all the lexicographers. We quote that given by Webster's New International Dictionary, Second Edition, 1932:

Tele- * * * tel-. Combining form from Greek * * * *far, far off*; as in *telegraph, telepathy, telephone*, etc.:—often used in naming or designating devices or instruments, usually electrical, which control or direct the action of distant apparatus (as in telecontrol, a device for regulating different electrical circuits at a distance by means of radiotelegraphy), or which have a distant recording apparatus (as in teleanemograph, telebarograph, telebarometer, etc.).

Even if the word be descriptive to only those skilled in the television art, registration would be deniable under the decision cited by the First Assistant Commissioner, and those decisions which it cites.

We make no holding with respect to the issues presented in the opposition proceeding, but the ex parte decision of the Commissioner is affirmed.

AFFIRMED.

BLAND, *J.*: sat during the argument of this case but resigned before the opinion was prepared.

U. S. Court of Customs and Patent Appeals

THOMAS ET AL.

v.

MICHAEL ET AL.

No. 5349. Decided January 27, 1948

[— F.2d —; — USPQ —]

1. INTERFERENCE—REDUCTION TO PRACTICE—TESTS.
   Where the utility of a new product produced by a novel process is not known or apparent, a test is required to establish reduction to practice of that process.
2. SAME—SAME—SAME.
   Where the utility of an old product produced by a novel process is known, a test is not required to establish reduction to practice of that process.
3. SAME—PRIORITY—PROCESS FOR PRODUCING CATALYST.
   Where the utility of the catalyst produced in carrying out the process of the count was known not only in the art but also was known to appellants herein, *Held* that the decision of the Board requiring a test of the catalyst to effect its reduction to practice was manifestly wrong, and that the decision of the Board of Interference Examiners is reversed and priority awarded appellants.

APPEAL from the Patent Office. Interference No. 80,929.

REVERSED:

Charles M. Thomas (*Clarence O. McKay* of counsel) for Thomas.

Samuel Z. Gordon and *Loretta I. Martone* for Michael.

O'CONNELL, *J.*:

This is an appeal in an interference proceeding from the decision of the Board of Interference Examiners of the United States Patent Office awarding priority of the invention defined by the single count in issue to the appellees herein.

The interference is between appellees' application No. 345,366, filed July 13, 1940, which is alleged to be a division of their application No. 222,144, filed July 30, 1938; and appellants' Patent No. 2,285,314, issued June 2, 1942, on their application No. 236,549, filed October 22, 1938, which is alleged to be a continuation-in-part of their application No. 171,986, filed October 30, 1937.

Title to appellants' interest in the subject matter of the count, as described in their brief, is vested in the Universal Oil Products Company. Title to appellees' application was vested in the Alien Property Custodian and is now claimed by the Attorney General of the United States as successor to the custodian.

The count, which originated in appellants' patent, reads:

A process for producing catalysts which comprises suspending silica hydrogel in an aluminum salt solution, adding a volatile basic precipitant to precipitate hydrated alumina, and drying the resultant silica-alumina composite.

The subject matter of the count, and the light in which appellants contend it should be construed, are described in the brief of counsel for appellants as follows:

The count relates to a *process* for producing a silica-alumina composite catalyst. It is not restricted to the production of a catalyst capable of promoting any specific type of reaction. It defines a *novel process* for producing *an old and well-known silica-alumina composite catalyst*, the utility of which had long been demonstrated by Thomas et al. and other prior art workers. * * * [Italics quoted]

* * * * * * *

In simple language the count defines a process for producing a catalyst, including the steps of (1) mixing with silica hydrogel an aluminum salt solution, (2) adding to the mixture a volatile basic precipitant, which may be ammonium hydroxide, which results in precipitation of hydrated alumina, and (3) drying the hydrated silica-alumina composite for the purpose of removing water and evaporating the volatile basic precipitant from the mass.

Attorneys for appellees also state in their brief that:

The catalyst produced by the process of the count is a composite of silica and alumina hydrogel, and its effectiveness as a catalyst is measured by the results obtained in the cracking processes in which it is employed. Six examples of such processes are given in appellees' application (R. 9—12) and three such examples are given in appellants' patent (R. 83—84), in all of which the utility of the catalyst used is measured by the amount of motor gasoline and light oil produced and their quality. These are the criteria for good catalysts in this art.

No testimony was offered by appellees who asserted reliance on the effective date of their German application, No. I. 58,775, filed August 9, 1937, for conception and constructive reduction to practice. Appellants offered evidence in the form of affidavits containing stipulated oral testimony together with certain documentary exhibits, including log sheets and progress reports. No objection or rebuttal was offered in the interference relative to the testimony thus submitted by appellants.

Appellees have called attention to the fact, and the Board noted, that the stipulated testimony includes the depositions of appellants Thomas and Ahlberg, co-applicants and chemists; Kinneberg, chemist, and Fitzpatrick and Cain, assistants; and that all such witnesses were employees of the Universal Oil Products Company during the period of 1937 covered by their testimony, although Kinneberg and Fitzpatrick were not employed by the company at the time the depositions were taken.

There is otherwise no disparagement of the testimony offered by appellants, and the statement in the brief of their counsel that Thomas and Ahlberg are both experienced scientists and chemists of high standing in the art of catalytic cracking is in nowise disputed.

Appellees were accorded the effective date of their German application, filed August 9, 1937. Appellants were accorded the effective date of their application, filed October 30, 1937, and were therefore the junior party to the interference.

The Board held that a preponderance of the evidence established that appellants were the first to conceive the invention of the count but failed to establish either that they were the first to reduce the invention to practice or that they were diligent during the critical period.

Appellant Ahlberg testified that on June 16, 1937, he prepared a memorandum in his notebook 410, page 108, describing the invention of the count and began the preparation of the catalyst therein described; that between June 17 and June 24, 1937, he and the witness Fitzpatrick carried out the separate and successive steps of the process described in his notebook and obtained a composite which was placed in a bottle and labeled "410—108" in accordance with the number and page of the notebook.

The Board found that the invention described in Ahlberg's notebook set forth the procedure for preparing a composition which corresponded in its essential steps to the process of the count; and that the testimony of Ahlberg, Kinneberg, and Fitzpatrick adequately established the fact that appellants carried out the process of the count and obtained a composite identified as "Catalyst 410—108."

The Board held, however that "since the count calls for a process for producing catalysts," the mere carrying out of the process was not sufficient to effect its reduction to practice for the reason that:

It is not shown, and it is not apparent, that the utility of the catalyst was known at the time it was prepared. Tests establishing the utility of the products were, accordingly, an essential element of the reduction to practice. As far as the record shows the untested silica-alumina composite was merely a subject of speculation on the part of Thomas et al., rather than a product of proven usefulness.

The foregoing decision of the Board was made on a point which was not presented to it for decision by either party to the interference.

There was no contention before the Board that the work which was done on June 17 to 24, 1937, by appellant Ahlberg and his assistant Fitzpatrick did not constitute reduction to practice. The sole contention made by appellees, as disclosed by the record, was that Ahlberg's testimony as to the work he had performed on those dates had not been sufficiently corroborated.

That contention was discussed and rejected by the Board in the following language:

The testimony of Ahlberg, Kinneberg and Fitzpatrick is believed adequate to establish the fact that Thomas et al. carried out the process of the count in issue and obtained a composite identified as "Catalyst 410—108". Michael et al. contend that there is no adequate corroboration of Ahlberg's testimony as to the preparations of the catalyst and state that Kinneberg does not make clear what he means by such expressions as "observing the work" or "performed in my presence." Michael et al. assert that there was nothing in the record to indicate that Kinneberg personally tested the reagents to determine for himself what was being done. It does not appear, however, that the chemicals used were so complex, unusual, or so foreign to those used in the laboratory's normal research on

catalysts that Kinneberg could not or did not ascertain for himself the identity of the chemicals employed. The testimony of Kinneberg does not justify the Michael et al. comment that Kinneberg was "taking Ahlberg's word for it." The statements made by Kinneberg are unequivocal in nature and there is no presumption that his testimony on the laboratory arrangement and the research group organization is a limitation on these unequivocal statements. The testimony is stipulated but this does not provide warrant for challenging Kinneberg's statements on the ground that Kinneberg meant something else than what he said.

The holding of the Board, as hereinbefore described, was based on the ground that the utility of the catalyst produced by appellants was not known at the time it was prepared. The question presented is whether the utility of that product was or was not known in the art at that time.

[1], [2] Where the utility of a new product produced by a novel process is not known or apparent, a test is required to establish reduction to practice of that process. See *Bogoslowsky* v. *Huse*, 31 CCPA (Patents) 1034, 1038, 142 F.2d 75, 78, 61 USPQ 367, 565 O. G. 717. But where the utility of an old product produced by a novel process is known, a test is not required to establish reduction to practice of that process. See *Larson* v. *Eicher*, 18 CCPA (Patents) 1497, 49 F.2d 1029, 1031, 9 USPQ 461, 413 O. G. 6; *Fenton R. Brydle* v. *Harry H. Honigbaum*, 19 CCPA (Patents) 773, 54 F.2d 147, 11 USPQ 219, 415 O. G. 755; *Kyrides* v. *Bruson*, 26 CCPA (Patents) 986, 102 F.2d 416, 41 USPQ 107, 506 O. G. 6.

Referring to the expressed view of the Board that that utility of appellants' product was not known or apparent at the time it was prepared by them, appellants assert that:

> The record refutes this view. The prior art of record, but overlooked by the Board, establishes that the utility of a silica-alumina composite catalyst for promoting cracking had been demonstrated prior to the production of the silica-alumina composite catalyst 410—108 in June 1937. This prior art was not discussed in the briefs below because the issue here decided by the Board was not in controversy between the parties. Possibly this explains why it was overlooked.

The prior art of record comprises the patent to Gayer, 2,068,016, of January 19, 1937; the patent to Houdry, 2,141,185, of December 27, 1938; the patent to Voorhees, 2,247,535, of July 1, 1941; and the patent to Thomas et al., 2,282,922, of May 12, 1942, issued on their application filed March 20, 1937.

While the respective processes defined by the prior art of record differ from the process of the count, the disclosures of that art establish beyond a doubt that prior to June, 1937, the utility of a silica-aluminn catalyst was known and had been demonstrated. Appellees contend, however, that

> There is nothing in the opinion of the Board of Interference Examiners to support the contention made in appellants' brief (p. 11) that the Board believed that the utility of other silica-alumina catalysts had not therefore been demonstrated. In saying "It was not shown, and it is not apparent, that the utility of the catalyst was known at the time it was prepared" (R. 182) the Board obviously referred only to the particular composition produced by the count in issue.

The difficulty with appellees' contention on the point in question is that the Board in its opinion made no distinction between the silica-alumina catalyst of the count and other silica-alumina catalysts. The Board specifically held, and we quote its language, including the part thereof which it italicized, that "since the count calls for a process *for producing catalysts*," a test establishing the utility of the product was an essential element of the reduction to practice.

Appellees further contend that the interference involves a highly technical chemical composition and since there is no manifest error in the decision of the Board, the decision should be affirmed.

The Board in that part of its decision which we quoted hereinbefore pointed out that it does not appear that the chemicals used by appellants in producing the product of the count were so complex, unusual, or so foreign to those used in the laboratory's normal research on catalysts that a witness could not or did not ascertain for himself the identity of the chemicals employed.

No issue was raised before the Board, and appellants have in nowise contended at any time, that the composition produced by the process of the count was new or novel. Appellants' position, as hereinbefore described, was based solely on the ground that the product of the count was an old composition the utility of which had been known and demonstrated at the time it was prepared by them in June, 1937.

[3] We are convinced, for the reasons stated, that the utility of the catalyst produced by appellants in carrying out the process of the count on June 17 to 24, 1937, was known not only in the art but also was known to appellants herein; and that the decision of the Board requiring a test of the catalyst to effect its reduction to practice was manifestly wrong.

In view of that conclusion it is unnecessary to discuss and pass upon other points raised by the respective parties herein.

The decision of the Board of Interference Examiners is accordingly reversed, and priority of the invention of the count is awarded to the appellants, Charles L. Thomas and Jacob E. Ahlberg.

REVERSED.

BLAND, *J.*, sat during the argument of this case, but resigned before the opinion was prepared.

PATENT SUITS

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,734,896, S. L. Cluett, Art of making textiles and textile articles; 1,734,897, same, Device for shrinking cloth; 1,837,408, 1,861,422, same, Method of shrinking fabrics; 1,861,423, 1,861,424, same, Cloth-finishing, filed Mar. 13, 1948, D. C., S. D. N. Y., Doc. 45/219, *W. B. Sachs* v. *Cluett Peabody & Co., Inc., et al.*

1,734,897. (See 1,734,896.) 1,837,408. (See 1,734,896.)

1,856,627, H. W. Fletcher, Cutter for earth boring drill; 1,983,316, Scott & Garfield, Three cone bit; 2,030,442, same, Roller bearing bit; 2,011,084, F. L. Scott, Mounting for drill cutters, D. C., N. D. Tex. (Wichita Falls), Doc. 415, *Hughes Tool Co.* v. *Industrial Mfg. & Tool Co.* Dismissed without prejudice (notice Mar. 22, 1948). Same, filed Mar. 22, 1948, D. C., N D. Tex. (Wichita Falls), Doc. 426, *Hughes Tool Co.* v. *Robertson Rock Bit Co., Inc.*

1,861,422. (See 1,734,896.) 1,861,423. (See 1,734,896.)

1,861,424. (See 1,734,896.)

1,904,194, E. P. Bixer, Curtain heading, D. C., S. D. N. Y., Doc. 43/619, *Bartman & Bixer, Inc.*, v. *House Beautiful Curtains, Inc., et al.* Stipulation and order of discontinuance Mar. 19, 1948.

1,983,316. (See 1,856,627.) 2,011,084. (See 1,856,627.)

2,030,442. (See 1,856,627.)

2,051,063, F. M. Winkel, Hair waving unit; 2,051,667, Y. Worth, Device for use in waving hair; 2,151,692, Evans & McDonough, Means for waving hair; 2,178,567, same, Hair waving pad; 2,196,201, same, Heat indicator; Re. 22,660, same, Method of and means for waving hair, filed Feb. 27, 1948, D. C., S. D. N. Y., Doc. 45/91, *Sales Appliances, Inc.*, v. *Seligman & Latz.*

2,051,667. (See 2,051,063.)

2,120,138, C. B. Mathews et al., Method for producing food products; 2,295,868, Schwebke & Hoadley, Process for preparing food products, suit for declaratory judgment filed Mar. 24, 1948, D. C., S. D. Ohio, W. Div., Doc. 1876, *Emery Food Products Co.* v. *H. W. Adams et al.*

2,128,827, F. L. Killian, Method and apparatus for manufacturing thin rubber articles, filed Mar. 24, 1948, D. C. N. J. (Newark), Doc. 11162, *Frank B. Killian & Co.* v. *Duratex Corp.*

2,151,692. (See 2,051,063.) 2,178,567. (See 2,051,063.)

2,196,201. (See 2,051,063.)

2,207,585, L. R. Gasper, Glass decorating; 2,262,930, same, Illuminated instrument dial and the like, filed Sept. 4, 1947, D. C., N. D. Ill., E. Div., Doc. 47c1270, *Gateway Glass Co., Inc.*, v. *L. R. Gasper et al.* By stipulation cause dismissed without prejudice Mar 18, 1948.

2,212,183, A. L. Parker, Tube coupling, filed Mar. 4, 1948, D. C., S. D. Calif., C. Div., Doc. 8023–W, *The Parker Appliance Co.* v. *Collins Engineering Co.*

2,262,930. (See 2,207,585.) 2,295,868. (See 2,120,138.)

2,305,910, C. P. Taylor, Method of drafting, filed Mar. 18, 1948, D. C., S. D. Calif. (Los Angeles), Doc. 8053WM, *C. P. Taylor* v. *L. A. Brainard Co. et al.*

2,351,492, E. Cowles, Method and apparatus for treating paper stock, D. C., S. D. N. Y., Doc. 37/168, *The Cowles Co. et al.* v. *Frost White Paper Mills, Inc., et al.* Claims 1, 2, 3, 4, 13 held invalid; judgment dismissing complaint (notice Mar. 23, 1948).

2,373,129, F. H. Magnus, Harmonica; 2,407,312, same, Plastic harmonica; 2,416,451, same, Method of and mold for making integral reed plates and reeds, filed Mar. 10, 1948, D. C., S. D. N. Y., Doc. 45/205, *Magnus Harmonica Corp.* v. *Lapin Products, Inc.*

2,407,312. (See 2,373,129.) 2,416,451. (See 2,373,129.)

Re. 22,660. (See 2,051,063.)

Des. 144,377, L. Goodman, Portable sundial, filed Mar. 16, 1948, D. C., S. D. Calif. (Los Angeles), Doc. 8055WM, *L. Goodman* v. *H. Budan.*

NOTICES

Disposal of Classification Examiners' Decisions on Requirements of Division

Superseding the Notice of August 23, 1937

Where an Examiner of Classification renders a decision which approves, either in whole or in part, a requirement to divide, he will supply the Primary Examiner with both an original copy and a carbon copy of his decision. These copies will be attached to the original and carbon copies respectively, of the Office action making the requirement final so as to become parts thereof. The necessity of quoting the decision in the Office action is thereby removed. In the body of the Examiner's action should appear the statement that the requirement to divide, as approved in the attached decision, is made final. The decision and action will thus have the same paper number and will be entered together in the "Contents" section of the file wrapper.

Where the requirement to divide is entirely disapproved, the decision should not be entered in the file. The next Office action, however, should either withdraw the requirement, hold it in abeyance, or modify it, as the facts warrant.

LAWRENCE C. KINGSLAND,
Commissioner.

April 6, 1948.

Erratum

In the OFFICIAL GAZETTE of January 27, 1948, page 569, Trade-Mark Registrations Republished, Class 6, Reg. No. 95,359, lines 3 and 4, for "by The Sinclair Manufacturing Company, Toledo, Ohio, a partnership" read *by H. M. Sinclair, Jr., trustee for the partnership, The Sinclair Manufacturing Company, Toledo, Ohio*; and page viii, List of Registrants of Trade-Marks, first column, sixth item from bottom of page, for "by The Sinclair Manufacturing Company, Toledo, Ohio" read *by H. M. Sinclair, Jr., trustee for the partnership, The Sinclair Manufacturing Company, Toledo, Ohio.*

REGISTER OF PATENTS AVAILABLE FOR LICENSING OR SALE

(The "Groups" appearing after the patent abstracts are based on the Standard Industrial Classification Manual, Vol. I, Manufacturing Industries, Executive Office of the President, Bureau of the Budget)

Swift & Company, which previously registered 443 patents (published in the OFFICIAL GAZETTE for November 4, 11, 18, and 25, 1947), now places the following patents on the Register as being available for license. Inquiries concerning licenses under these patents may be directed to Swift & Company, Union Stock Yards, Chicago, Ill.

Pat. 2,406,163. SAUSAGE LINKING MACHINE. Patented Aug. 20, 1946. A string-cutting means for a machine for linking stuffed sausage casings. String delivered from a supply means is drawn tightly around the casing. The tying means includes a rotating ring to be driven around the casing while the casing is held stationary within the ring. A fixed shearing edge is placed in the path the string follows in being wrapped around the casing. A movable shearing edge is driven across the fixed edge at timed intervals in the tying cycle to sever the string. Means are associated with the fixed edge to direct the string around one end of the fixed edge during the wrapping cycle and draw the string across the fixed edge just as the knife is driven through its cutting stroke. Group 35—51. Reg. No. 9,520.

Pat. 2,412,113. PURIFYING OF ALKYLOLAMIDES. Patented Dec. 3, 1946. A method of removing basic substances and other impurities from mixtures containing alkylolamides. The preferred practice includes the addition of a strong mineral acid in a small quantity of water to the reaction products of an alkylolamine and a glycerol ester of higher fatty acids which neutralizes all the basic impurities. The precipitate formed by the refining operation is insoluble in the alkylolamides and may be removed by filtration, decantation, or centrifugal separation. Group 28—89. Reg. No. 9,521.

Pat. 2,413,631. WHITENING EGGS. Patented Dec. 31, 1946. A method for whitening buff-colored egg shells without affecting the egg material. The eggs are immersed from 5 to 10 seconds in a solution containing an acid oxidizing agent and a small amount of a wetting agent, and are then washed while being brushed lightly. The brushing may be eliminated by subjecting the eggs to an acid or alkali neutralizing solution after the treatment. Group 28—89. Reg. No. 9,522.

Pat. 2,416,146. REFINING FATS AND OILS. Patented Feb. 18, 1947. A process for refining glyceride oils and fats containing gums, free fatty acids, and coloring matter. Produces an oil free from gums and having reduced color and fatty acid content. The oils are de-gummed with an aqueous medium and then treated with a solvent which dissolves the fatty acids. A dilute solution of caustic soda is mixed with the oil to neutralize the remaining free fatty acids, further reduce the color of the oil, and separate from the oil an aqueous phase containing soap and coloring matter. Group 28—89. Reg. No. 9,523.

Pat. 2,423,930. CUT-DOWN DEVICE. Patented July 15, 1947. An automatic device for cutting down a hog carcass from a conveyor trolley moving along a supporting rail suspended from the ceiling. The carcass is hung from a gambrel engaged behind the gam cord of each of the rear legs, the gambrel being removably attached to conveyor trolley. A knife is movably mounted on a frame above a landing table so as to sever the gam cord of one of the legs as the leg is driven over the knife by movement of the carcass along the rail. The leg is thus released from the gambrel and the carcass drops toward the landing table. The gambrel becomes unbalanced and is twisted free from other leg. Groups 25—41; 35—43—62. Reg. No. 9,524.

Pat. 2,427,840. WASHING DEVICE. Patented Sept. 23, 1947. A vacuum device for cleaning and washing the fore-alimentary tract of killed poultry. A vacuum tube extends upwardly above the liquid level of a receptacle containing washing fluid. The bird to be cleaned is hung by its feet from a support and its mouth placed over the tube and pushed downwardly so tube is inserted in throat and crop. As the mouth of bird passes below fluid in receptacle, the flow of air through the tract into vacuum tube is cut off. The fluid in the receptacle is then subjected to the vacuum and caused to flow upwardly between outside of tube and inner wall of tract, washing loose particles through vacuum tube into the drain. Group 20—15. Reg. No. 9,525.

Pat. 2,430,849. TREATMENT OF CARCASSES. Patented Nov. 11, 1947. A treatment for animal carcasses, particularly skinned beef, to improve the color, texture, and moisture content. A freshly skinned carcass is cooled to a temperature of about 50° to 70° F. under controlled high humidity, until the fat assumes a plastic consistency. The partially cooled carcass is then rolled with a rubber roller to press the blood from the fat. The freshly skinned carcass may have been clothed in either a single or double cloth. If a single cloth was used, it is removed after rolling and replaced with a fresh one. When two cloths are used, the outer one is removed after rolling, the inner cloth remaining. The carcass is then transferred to another cooler. Groups 20—11—12. Reg. No. 9,526.

Pat. 2,389,899. BUILDING STRUCTURE. Patented Nov. 27, 1945. This patent shows special fittings and connectors by means of which elongated structural elements (such as pipes) may be assembled to form a rigid framework. Some of the connectors are formed with openings, while others are formed with openings and sockets for receiving the pipes. The necessity of providing the sockets and openings with threads is eliminated, while the pipes are almost entirely devoid of threads. Each connector is formed with nut-receiving and -retaining pockets on the outside at suitable points. After insertion of a pipe in a connector, a nut threaded on the end of a screw (or bolt) is slid laterally into the pocket opposite the inserted pipe. The screw is then turned so that its shank will pass through the nut and a hole in the connector and engage the side of the inserted pipe in set-screw fashion. (Owner) Leonard Deddo, 57 East Chicago Ave., Palatine, Ill. Group 33—23—81. Reg. No. 9,527.

Pat. 2,431,328. RESPIROSCOPE. Patented Nov. 25, 1947. (Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757.) This patent describes a device for observing respiratory patterns during surgery, clinical studies, and general diagnosis. The device provides a rotatable cylindrical fluorescent screen which surrounds an optical differential manometer. An airtight housing of the manometer encloses a diaphragm, the front wall of which is linked to a small mirror which is tilted back and forth as the diaphragm is caused to expand and contract. Light from an electric bulb in combination with a lens system is reflected by the mirror to the screen as an intense spot of light. The device is completed by a differential pressure device, the casing of which is divided into two chambers by a porous plate that establishes a pressure difference by resisting an inflowing gas stream. The chamber admitting the gas communicates with the diaphragm. The other chamber communicates with the interior of the manometer housing and with the gas mask worn by a person whose respiration is being studied. In use, the spot of light is seen as a streak which traces a curve across the center area of the slowly rotating screen. (Owner) Wayland E. Hull, 617 Ruby St., Durham, N. C. Group 39—15. Reg. No. 9,528.

Pat. 2,306,014. ANIMAL TOILET. Patented Dec. 22, 1942. Toilet consists of an outer pan in the form of a tray which serves as a base and an inner pan, smaller and deeper. The inner pan is covered by an inverted pan having an oval central opening, the edges of the inverted pan fitting close against the sides of the base. The parts may be easily separated and cleaned. (Owner) Beatrice Carson, P. O. Box 129, Washington, D. C. Group 33—71. Reg. No. 9,529.

Pat. 2,204,392. HOSE AND PIPE COUPLER. Patented June 11, 1940. Coupler has a pair of interlocking sections having rounded hooks, the axial movement of which is limited by an overlying cover formed with offset lugs and notches which also lock. A thickened shoulder on the cover cooperates with a ring on each of the coupling sections to retain a spring, a thinner portion of the cover being bent to engage the outer face of the rings. The structure also includes a countersunk sleeve within each of the coupling sections. In connecting the coupling, the exposed hooks are brought together and the shanks (which connect the coupling to hose or pipe) are turned in opposite directions. The offset lugs of the cover ride on each other, forcing back the locking portion. A non-turning interlock is established by the snapping of the lugs into the notches. (Co-owner) Mary Mastowski, 336 Flatbush Ave., Brooklyn 17, N. Y. Group 35—69. Reg. No. 9,530.

Pat. 2,430,297. BATHTUB CLEANING MEANS. Patented Nov. 4, 1947. Bathtub is formed with an integral water chamber around its top for connection to hot and cold water pipes. A series of special nozzles are connected to the chamber to discharge water from the chamber in a flat sheet-like spray against inner walls of tub to keep it clean. A corrugated handrail is detachably mounted over the chamber. (Owner) Leo Lombardi, 375 Columbia Ave., Los Angeles 13, Calif. Group 33—61. Reg. No. 9,531.

Pat. 2,430,011. PLUG EJECTOR. Patented Nov. 4, 1947. (Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757.) Multiple-terminal plugs (such as the Jones plug which has 30 or more terminals) are difficult to remove from the socket board into which a plug is inserted without twisting or loosening the terminals. This difficulty is simplified by a springed double tong arrangement which bridges the top of the plug and is permanently pivoted to each side. The plug is easily removed by pressing the center bars of the tong together so that their free ends abut against the surface of the socket, forcing the plug outwardly. The tongs are flat and special provision is made so that the arrangement does not interfere with the cable leading into the plug. (Owner) Lunceford P. Gillentine, Hernando, Miss. Group 36—11. Reg. No. 9,532.

Pat. 2,432,144. TOOLHOLDER AND LOCK. Patented Dec. 9, 1947. A tool-retaining means manufactured as an attachment for a pneumatically actuated hammer or incorporated in the hammer part of the tool-holding and -locking means. The tool is automatically locked in position when inserted in the holders, and accidental withdrawal prevented. A housing has an opening at one end for receiving the hammer and an opening at other end for receiving rearward part of the tool. To release tool, a slight turn of a sleeve causes cam means to push against end of arms, swinging them outwardly so the tool is free for withdrawal. (Owner) Irving A. Elkins, 175 Blake Ave., Brooklyn 12, N. Y. Group 35—42—69. Reg. No. 9,533.

Pat. 2,254,340. VALVE. Patented Sept. 2, 1941. Reg. No. 9,534.

Pat. 2,254,341. LUBRICATING METHOD AND APPARATUS THEREFOR. Patented Sept. 2, 1941. Reg. No. 9,535.

The two patents listed above relate to a system for distributing lubricant in measured quantities between bearing surfaces over the entire contact area. A lubricant-compressing plug is screwed in a central cylindrical aperture in stem of plug. Lubricant in lower portion of passage is compressed in response to downward movement of the screw plug and forced to the bearing surfaces of the valve. The lower end of passage terminates in a cylindrical chamber which fits in a split sleeve. Leading therefrom, at 90° intervals, are four lubricant ducts, which extend to recesses in the bearing surface of the plug. The sleeve is automatically rotated in response to rotation of the screw plug, moving the slot in sleeve past the ducts and delivering a small quantity of the lubricant to each duct. (Owners) Nina D. Zaikowsky and Samuel S. Mackeown. Address correspondence to Reed C. Lawlor, Park Central Bldg., 412 West Sixth St., Los Angeles 14, Calif. Group 33—66.

Pat. 2,434,640. MACHINE FOR STRIPPING COVERED CABLES. Patented Jan. 20, 1948. Cable is fed between rolls made up of a series of pairs of opposed discs. Discs have a roughened groove which forms a circular passage adapted to receive the covered cable to be stripped. The rims of the discs are provided with scalloped flanges sharpened to constitute knife edges. The flanges are so arranged that, when covered cable passes between the rolls, the knife edges of opposed flanges cut into the cover from opposite directions tearing a strip from the cable so that the remaining portion of the cover may be easily removed from the cable. The rolls are rotated by motor-driven gearing housed within a hollow standard. (Owner) Howard A. Burdwood, 60 Garrison St., Portland 4, Maine. Group 35—43. Reg. No. 9,536.

Pat. 2,435,485. OVERSHOE SEAMED TO STIFFEN PLASTIC UPPER. Patented Feb. 3, 1948. Light-weight overshoe has lower rubber portion and an upper of transparent plastic material which is closed by a slide fastener extending down to top of lower portion. The smooth nature of the material enables both inside and outside of overshoe to be cleaned by wiping. The parts of the overshoe may be welded or cemented together, the upper portion requiring no additional stiffening in that the slide fastener and an overlapped seam at the rear provide sufficient stiffening in themselves. (Owner) Evalyn Wheaton, 14-C Boulevard Bldg., 7310 Woodward Ave., Detroit 2, Mich. Groups 28—83; 30—21. Reg. No. 9,537.

Pat. 2,416,492. TANDEM CARRIER. Patented Feb. 25, 1947. Group 37—41. Reg. No. 9,538.

Pat. 2,429,028. COLLAPSIBLE ONE-WHEELED CARRIER. Patented Oct. 14, 1947. Group 37—41. Reg. No. 9,539.

These two patents describe a one-wheeled carrier frame adapted for hunters, fishermen, etc., for transporting packs over rough ground. The carrier in Patent 2,416,492

consists of a tubular frame having a slidable handle in each corner and a center bar secured at the ends. A wheel is mounted in a fork braced to the underside of the center bar and to each corner of the frame. Lattice webbing covers the frame. In Patent 2,429,028, the frame is hinged to form a pair of drop leaves. This enables the carrier to be collapsed when not in use. A sizable load may be carried with little effort by two men grasping the handles at each end and balancing the load on the wheel and pushing the carrier. (Owner) James C. Neeley, Route 6, Box 861, Portland 1, Oreg.

Pat. 2,350,623. COMBINATION BASTING AND SKEWERING DEVICE. Patented June 6, 1944. Baster includes a hollow tube centered on a base which is adapted to rest on the bottom of any conventional roasting pan. The tube has several openings on the top as well as a pointed plug with which to impale the meat. The base has a central raised portion which constitutes a thermal chamber that accelerates the boiling of the meat juices so that the juices rise in the tube and squirt out the top openings to continuously baste the meat. A platform may be provided on the base to raise the meat out of contact with the bottom of the pan. Meat may be cooked at higher temperature without danger of burning or drying out. (Owner) Charles H. Kruea, 49 Indiana Ave., Fort Thomas, Ky. Groups 33—73; 34—41. Reg. No. 9,540.

Pat. 2,323,009. PHOTOGRAPHIC APPARATUS IN DETACHED PARTS. Patented June 29, 1943. This patent presents the construction of a complete camera to be sold in knock-down form which may be assembled in accordance with printed directions. Interfitting parts are connected without screws or fastenings of any kind. The purpose of selling the camera in knock-down condition is to enable the buyer to acquire an intimate knowledge of the make-up of the camera so that he may understand the purpose of the parts and the functions they perform in the operation of the camera. The patent also presents a box in which the parts are to be packed. (Owner) Rolf Bie, % Bie Trading Co., 60 Broad St., New York 4, N. Y. Group 39—12. Reg. No. 9,541.

Pat. 2,435,447. MOORING BITT. Patented Feb. 3, 1948. A combined mooring bitt and chock structure for mounting on the deck of a vessel adjacent the side rail. Comprises a base with a pair of spaced upstanding bitts with an eccentric sheave rotatably mounted between them. A hawser passes around the sheave forming a spiral coil. A removable wedge is inserted in recess in lower end of either bitt co-acting with flat surface portion of bitt and with sheave to stopper hawser. (Owner) Karl Kortum, Ely Hill, Petaluma, Calif. Group 37—31. Reg. No. 9,542.

Pat. 2,392,324. LAMP SHADE. Patented Jan. 8, 1946. Open-ended lamp shade of flexible material is devoid of the usual frame and hanger so that it may be collapsed for laundering and cleaning, or for storage in a flat condition. The shade has an inner hem at top and bottom. An expansible split hoop or band is removably inserted in each hem to extend the shade and hold it taut. A detachable hanger having hooked terminal ends is also provided for engaging top of shade on inside to hold shade suspended from a standard fixture in usual manner. (Owner) Ernest Krebeck, 1242 Wisconsin Ave., N. W., Washington, D. C. Group 39—73. Reg. No. 9,543.

Pat. 2,430,021. TIE FORM. Patented Nov. 4, 1947. A tie form for holding a tie in fixed position on wearer. Comprises a vertically extending bowed wire bar with a keeper slidably mounted thereon supporting a transversely extending bowed wire bar. Loops formed at ends of bars have pointed ends for pushing in tie to hold tie in proper position. (Owner) Thomas O. Johnson, 609 38th St., Richmond, Calif. Groups 34—52; 40. Reg. No. 9,544.

Government Owned Patent

The following patent, owned by the United States Government, as represented by the Secretary of the Interior, is available for licensing upon a non-exclusive, royalty-free basis:

Pat. 2,434,933. TRANSMISSION LINE FLASHOVER DETECTOR. Patented Jan. 27, 1948. (Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757.) This detector consists of an endless loop of wire having a multi-turn coil within which a cobalt steel link is held in an insulating case. The loop has a narrow bifurcation so that it may be bolted to the leg of a transmission tower at a readily accessible point not far from the ground. By removing the link and holding it near a compass a lineman may determine whether or not a lightning flashover has passed through tower. If the link is magnetized, a demagnetized link is substituted and inspection made of transmission line insulators for replacements or repairs if necessary. Group 36—11. Reg. No. 9,545.

BULLETIN OF DECISIONS OF PATENT OFFICE ON TRADE-MARKS

RENDERED DURING MARCH, 1948

NION CORPORATION *v.* PHYSICIANS & HOSPITALS SUPPLY CO., INC., Opposition No. 24,755.

In a decision rendered March 1, 1948 (169 Ms. Dec. 643, 76 USPQ 481), *Assistant Commissioner Daniels* reversed the action of the Examiner of Trade-Mark Interferences who had sustained the opposition of Nion Corporation, of Los Angeles, Calif., to the application of Physicians & Hospital Supply Co., Inc., of Minneapolis, Minn., for registration, under the act of 1905, of the mark "HEMATOVALS" for a medicinal preparation, namely, capsules of liver, iron, and vitamin B-complex for treatment of nutritional and secondary anemias. The opposition was based upon opposer's prior use of the trade-mark "HEMONUTRON" for an iron and B-complex combination, opposer being the owner of a registration of this mark under the Trade-Mark Act of 1905 for the products stated antedating any use claimed by applicant.

After noting that prior to the hearing on this appeal applicant filed a motion that the order and judgment of the Examiner of Interferences in this opposition be reversed and judgment be entered in favor of applicant and its trade-mark be determined to be registrable, based upon an affidavit and a withdrawal notice submitted by opposer, it was held that this motion must be denied, since the matter having been decided by the Examiner of Interferences cannot be reversed by consent, and in any event, registration would not be granted by the Patent Office over the prior registration provided the two marks are regarded as confusingly similar.

It was held that since, however, the attempted withdrawal of the opposition is considered to be in good faith and the reasons therefore seem to have a real basis it is believed proper to give this action of the opposer some weight in determining the question of confusing similarity.

It was held that, taken in their entireties, the marks are not so similar that their concurrent use on goods of the same descriptive properties will be likely to cause confusion or mistake in the mind of the public.

THE CROWN OVERALL MFG. CO. *v.* DESMOND'S, Opposition No. 24,511.

In a decision rendered March 2, 1948 (169 Ms. Dec. 645, 76 USPQ 484), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Interferences dismissing the opposition of The Crown Overall Mfg. Co., of Cincinnati, Ohio, to the application of Desmond's, of Los Angeles, Calif., for registration under the Trade-Mark Act of 1905, of the notation "FLEXI-CROWN" as a trade-mark for military caps. The notice of opposition alleged ownership and prior use of "Crown" as a trade-mark for various articles of men's clothing and sets up ownership of two trade-marks registered under the act of 1905, namely, the words "CROWN ADJUST-ALLS" for overalls, union-suit working garments for boys, young men and men, and a mark for overalls comprising a picture of a crown and the word "CROWN," both registrations having been renewed.

It was held that the goods must be held to be of the same descriptive properties.

After noting that the Examiner of Interferences has held that purchasers would regard "CROWN" as used in applicant's mark as merely descriptive and rely on the word "FLEXI" as indicating origin, it was held that the Examiner of Interferences was correct in holding, upon the record presented, that there was little, if any, likelihood of confusion from the contemporaneous use of these marks.

UNITED REXALL DRUG COMPANY *v.* REXON INC., Opposition No. 24,863.

In a decision rendered March 2, 1948 (169 Ms. Dec. 647, 76 USPQ 482), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Interferences dismissing the opposition of United Rexall Drug Company, of Boston, Mass., to the application of Rexon Inc., of New York, N. Y., to register under the Trade-Mark Act of 1905 the word "REXOR" for pyrophoric lighters for cigarettes, cigars and pipes, but reversed the decision adjudging that applicant is entitled to the registration for which it has made application and adjudged ex parte that applicant is not entitled to the registration for which it has made application, in view of the prior registration of the word "Rexall" for cigars and cigarette holders, pipes, pipe-cleaners, tobacco boxes, bags, and pouches relied upon by opposer as a basis for the opposition.

It was held that the Examiner of Interferences was right in ruling that there was no adequate proof of opposer's title to the registration in question and in dismissing the notice of opposition on that ground.

It was held that although the opposition has been dismissed, it is not only the right but the duty of the Patent Office to determine ex parte and without reference to the issues raised by the notice of opposition whether the mark submitted by applicant is entitled to registration in view of the subsisting, uncanceled registration.

It was held that "REXOR" and "Rexall" are confusingly similar within the meaning of section 5 of the Trade-Mark Act of 1905.

It was held that tobacco products and cigar and cigarette lighters are goods of the same descriptive properties both being ordinary smokers' articles, frequently sold in the same establishments to the same class of customers, so that since the mark which applicant seeks to register so nearly resembles the registered mark and is applied to merchandise of the same descriptive properties as to be likely to cause confusion or mistake in the mind of the public or to deceive purchasers in accordance with section 5 of the Trade-Mark Act of 1905, registration must be refused ex parte.

MCKESSON & ROBBINS, INCORPORATED, *v.* A. G. SPALDING & BROS. INC., Opposition No. 25,993.

In a decision rendered March 4, 1948 (169 Ms. Dec. 650, 76 USPQ 485), *Assistant Commissioner Murphy* affirmed the action of the Examiner of Trade-Mark Interferences dismissing, on motion, the opposition of McKesson & Robbins, Incorporated, of New York, N. Y., to the application of A. G. Spalding & Bros., Inc., of Chicopee, Mass., for registration of the trade-mark "DYNA-MATCHED," the word "MATCHED" being disclaimed apart from the mark, for use upon golf clubs, and further adjudging the applicant entitled to the registration sought. Opposer urged that the proposed registration is barred by reason of the prior registration to opposer of the mark "DYNA-CAPS" for capsules or liquid containing a plurality of vitamins A, B_1, B_2, C, D, B_6, G, pentothenic acid and nicotinic acid.

It was held that the Examiner was correct in construing a motion filed by applicant, entitled "Motion for Summary Judgment" as a motion to dismiss, in dismissing the opposition on the ground that the goods of the parties are patently goods of different descriptive properties, and in further stating that under such circumstances the registration sought cannot cause damage to the opposer within the meaning of the statute regardless of the similarities in the respective marks.

In response to opposer's arguments as to confusion of origin based upon the proposition that applicant, after registration, may seek to extend its mark to golf balls, since golf clubs are of necessity used with golf balls, it was held that the only goods that are involved in this proceeding and which require consideration are those described in the applicant's application and the opposer's registration.

THE KROGER GROCERY & BAKING COMPANY *v.* COUNTRY GARDENS, INC., Opposition No. 24,839.

In a decision rendered March 12, 1948 (169 Ms. Dec. 657, 76 USPQ 542), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Mark Interferences sustaining the opposition of The Kroger Grocery and Baking Co., of Cincinnati, Ohio, to the application of Country Gardens, Inc., of Gillet, Wis., for registration of the notation "COUNTRY GARDEN" as a trade-mark for canned vegetables under the Trade-Mark Act of February 20, 1905. Opposer alleged prior use and ownership of "COUNTRY CLUB" as a trade-mark for canned food, including canned vegetables, and relied upon three registrations of its mark under the Trade-Mark Act of 1905, which were granted in 1926 and 1928, covering a wide variety of canned fruits, canned vegetables, canned fish, jellies, cocoa, peanut butter, spices, salad dressings and other food products.

It was held that the Examiner of Interferences was right in sustaining the notice of opposition and in holding that the marks were confusingly similar within the meaning of section 5 of the Trade-Mark Act of 1905.

After noting that in the decision of the Examiner of Interferences it was held that while the defense of laches, set up in the answer to the notice of opposition, had heretofore been unavailable in an opposition proceeding it is admissible under section 19 of the act of 1946, which became effective prior to the limit of appeal from the decision, and the merits of applicant's claim of laches on the part of the opposer was accordingly passed upon, after which a motion to reopen the case for the purpose of taking further testimony on the question of laches in view of the Trade-Mark Act of 1946 having gone into effect was filed by the applicant, it was held that the Examiner of Interferences was right in denying the motion, since even if laches or acquiescence on the part of opposer were shown, this would not permit registration of applicant's mark, in view of the statutory bar to the registration of applicant's mark under the Trade-Mark Act of 1905.

ESQUIRE, INC., v. KNOMARK MANUFACTURING COMPANY, Cancellation No. 4902.

In a decision rendered March 12, 1948 (169 Ms. Dec. 654, 76 USPQ 540), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Mark Interferences dismissing on motion the petition of Esquire, Inc., of Chicago, Ill., to cancel a trade-mark registration of Knomark Manufacturing Co., of Brooklyn, N. Y., registered under the Trade-Mark Act of March 19, 1920, on the ground that the petition failed to state grounds upon which relief could be granted. The registration sought to be canceled discloses as its most conspicuous feature the word "ESQUIRE," which is combined with other words and features as to which no objection is interposed. The mark is applied to a dressing, cleanser and polisher for shoes, boots, leather goods and trimmings of other articles such as belts, bags, and the like.

After noting that petitioner relies primarily on its use of "ESQUIRE" as a name and trade-mark for a magazine, as negativing applicant's right to registration, it was held that as to the articles of merchandise upon which petitioner states it has used the mark, namely, its publication, playing cards, calendar, pocket secretaries, and phonograph records, these clearly are not goods of the same descriptive properties as shoe polish.

In response to petitioner's contentions to the effect that this arbitrary mark has become so well known that it must be regarded as extending to all articles relating to grooming, which are advertised and featured in opposer's publications, it was held that petitioner cannot claim general trade-mark rights applying to all of the products which may be referred to in its magazine, but its rights in this statutory proceeding must be considered only in connection with the trade with which it has been associated.

EX PARTE MISS SEVENTEEN FOUNDATIONS CO., Serial No. 485,825.

In a decision rendered March 15, 1948 (169 Ms. Dec. 663, 76 USPQ 616), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Marks refusing to register to Miss Seventeen Foundations Co., of New York, N. Y., under the Trade-Mark Act of 1905 a mark comprising the words "Miss Seventeen" as a trade-mark for women's and misses' girdles, brassières, vests and panties.

It was held that on the record presented the Examiner was right in ruling that the mark as applied to these goods is merely descriptive within the meaning of the Trade-Mark Act of 1905, since the term "Miss Seventeen" is descriptive and indicative of the character and style of the goods for the miss of seventeen, and also the term "Seventeen" is a size designation in the garment trade.

VITA-VAR CORPORATION *v.* ALUMATONE CORPORATION, Opposition No. 23,987.

In a decision rendered March 15, 1948 (169 Ms. Dec. 665, 76 USPQ 617), *Assistant Commissioner Murphy* denied a petition for rehearing and reconsideration of his decision of February 3, 1948 (608 O. G. 851, 76 USPQ 266), holding that he was still of the opinion that the syllables "tone" and "kote" are quite similar in sound as well as appearance, and accordingly adhering to his previous decision.

BOTANY WORSTED MILLS (BOTANY MILLS, INC., BY CHANGE OF NAME) *v.* JESSE LUTHER PEACOCK (LANOLIN PLUS COSMETICS, INC., ASSIGNEE, SUBSTITUTED), Opposition No. 24,963.

In a decision rendered March 16, 1948 (169 Ms. Dec. 666, 76 USPQ 618), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Mark Interferences sustaining the opposition of Botany Worsted Mills (Botany Mills, Inc., by change of name), of Passaic, N. J., to the registration of the mark "LANOLIN PLUS", the word "LANOLIN" being disclaimed, disclosed in the application of Jesse Luther Peacock (Lanolin Plus Cosmetics, Inc., Assignee, Substituted), of Chicago, Ill., for face cream, hand cream, cleansing cream, facial make-up and shampoo. Opposer, who manufactures and sells lanolin and also a comprehensive line of cosmetics which include lanolin as one of their ingredients, based the opposition on the ground that the mark sought to be registered is merely descriptive of the goods. The products of applicant and the cosmetics of opposer contain lanolin, as a substantial, but not the only ingredient. Opposer has continuously used the word "lanolin" both in connection with its sale of that product and of its cosmetics beginning at a date prior to any use claimed by applicant. There is no dispute that neither party has any rights to the word "lanolin" itself.

It was held that the goods of the parties being the same the only questions for decision are whether or not "LANOLIN PLUS" is merely descriptive of applicant's goods and whether or not opposer will be damaged by the registration of this mark.

It was held that the Examiner of Interferences was right in sustaining the contention of the opposer that the adjective "plus" constitutes a mere laudatory expression, so that the mark as used will be regarded as indicating that the goods contain a superior grade of lanolin or are a superior grade of lanolin cosmetics.

After noting that applicant questions the right of opposer to maintain this opposition even if the mark is descriptive, arguing that no damage to opposer can result from the registration, it was held that it would seem that registration of a descriptive term in connection with lanolin and lanolin cosmetics, both of which opposer markets, must be presumed to damage opposer.

It was further held, however, that irrespective of the rights of the parties in the opposition proceeding, the applicant would not be entitled to registration of its mark, since it would be the duty of the Patent Office, when the descriptive nature of the mark has been called to its attention, to refuse registration as an ex parte matter.

TRANS-LUX CORPORATION *v.* EASTMAN KODAK COMPANY (ASSIGNEE OF SAME NAME SUBSTITUTED), Cancellation No. 4554.

In a decision rendered March 19, 1948 (169 Ms. Dec. 671, 77 USPQ 18), *Assistant Commissioner Murphy* affirmed the action of the Examiner of Interferences sustaining the petition of Trans-Lux Corporation, of New York, N. Y., to cancel the registration of the trade-mark "TRANSLITE" of Eastman Kodak Company (assignee of same name substituted), of Rochester, N. Y., for light-sensitive photographic paper, and recommending that registration No. 279,326 be canceled, but reversed the Examiner's holding that the adoption of the mark "TRANSLITE" constituted an appropriation of the corporate name of petitioner, "Trans Lux Daylight Screen Corporation." Petitioner alleged prior adoption and use by itself and its predecessors of its trade-mark "TRANS-LUX" on a variety of merchan-

dise in the photographic and projection equipment and related supplies field. The record shows priority of use by petitioner of its mark "TRANS-LUX" on film projection screens and film projectors, stock ticker projectors for the recording of stock quotations on film and the projection thereof upon a screen.

It was held that the Examiner of Interferences was right in ruling that there can be little, if any, room for doubt that the marks "TRANS-LUX" and "TRANSLITE" are deceptively similar.

It was held that the Examiner of Interferences was right in ruling that the goods to which respondent applies its mark "TRANSLITE," namely, light-sensitive photographic paper, are goods of the same descriptive properties as petitioner's film projection screens and film projectors, stock ticker projectors for the recording of stock quotations on film and the projection thereof upon a screen.

In response to petitioner's contention that the dominant feature of its corporate name is the notation "TRANS-LUX" and therefore respondent is not entitled to the registration of its trade-mark "TRANSLITE," it was held that while the two trade-marks "TRANS-LUX" and "TRANSLITE" are so similar as to be likely to lead to confusion in trade, nevertheless the adoption of the mark "TRANSLITE" was not such an appropriation of opposer's corporate name "Trans Lux Daylight Picture Screen Corporation" as to be barred by the "name clause" of section 5 of the act of 1905.

TRANS-LUX CORPORATION *v.* EASTMAN KODAK COMPANY, Opposition No. 24,160.

In a decision rendered March 19, 1948 (169 Ms. Dec. 670, 77 USPQ 20), *Assistant Commissioner Murphy* affirmed the action of the Examiner of Interferences sustaining the opposition of Trans-Lux Corporation, of New York, N. Y., to the application of Eastman Kodak Company, of Rochester, N. Y., for registration of the mark "TRANSLITE" for photographic paper and photographic film, and adjudging that applicant is not entitled to the registration for which it has made application.

After noting that this case was heard concurrently with the appeal involved in the cancellation proceeding No. 4554, supra, in which it was agreed that the same records and testimony could be used for both proceedings, it was held that the action of the Examiner of Interferences was correct, for substantially the same reasons set forth more fully in the decision of even date in cancellation No. 4554, supra.

A. D. JUILLIARD & CO., INC., *v.* AMERICAN WOOLEN COMPANY, Opposition No. 24,436.

In a decision rendered March 24, 1948 (169 Ms. Dec. 675, 77 USPQ 21), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Mark Interferences sustaining the notice of opposition of A. D. Juilliard & Co., of New York, N. Y., to the registration to American Woolen Company, of Boston, Mass., of a trade-mark comprising the words "TWIL LANE" for ladies' and children's coats and suits, under the Trade-Mark Act of 1905, and dismissing applicant's counterclaim for cancellation of opposer's registered mark "TWILLEEN," for woolen, cotton and woolen, and cotton piece goods, relied upon by opposer as basis for the opposition. Opposer showed continuous use of "TWILLEEN" on these goods since a date prior to any use claimed by applicant.

It was held that the goods of the respective parties must be considered as having the same descriptive properties.

It was held that the similarity of the marks "TWIL LANE" and "TWILLEEN" requires no comment.

In response to the contention that opposer's mark is a grade mark rather than a trade-mark, because opposer has used its mark in connection with its trade-mark "JUILLIARD" and has applied the word only to a particular type of fabric, it was held that the use of the additional trade-mark does not detract from the trade-mark significance of the trade-mark "TWILLEEN"; furthermore, opposer's proof of continuous use of "TWILLEEN" on these goods since a date prior to any use claimed by applicant would be sufficient to sustain the notice of opposition even were its mark used as a grade mark rather than a trade-mark as alleged by applicant.

In response to applicant's contention that opposer's action in continuing to use the words "ATLANTIC MILLS" on labels of its goods and in organizing the new corporation and keeping it in existence constitutes "unclean hands" and requires cancellation of the registered mark, it was held that there being no showing of any impropriety or injury either to applicant or any one else from the incorporation and continued existence of this corporation or use of the name "Atlantic Mills" for a division of opposer's business, it cannot, therefore, constitute any ground for cancellation, and would not give rise to any rights to registration on the part of applicant, so that the Examiner of Interferences was clearly correct in dismissing the counterclaim.

EX PARTE DEWEY PORTLAND CEMENT COMPANY, Serial No. 474,789.

In a decision rendered March 26, 1948 (169 Ms. Dec. 678, 77 USPQ —), *Assistant Commissioner Murphy* affirmed the action of the Examiner of Trade-Marks refusing to register to Dewey Portland Cement Company, of Kansas City, Mo., a trade-mark for cement used in the manufacture of concrete blocks, pipes and the like which displays the word "DEWEY" in black block letters in the upper wing of a red Maltese cross or Formée, with the words "Concrete Products" appearing in white script in the center, and the word "Cement" appearing in black block letters in the lower wing of the cross, the words "Concrete Products" and "Cement" being disclaimed apart from the mark as shown. The refusal to register was based on the ground that the wording appearing on the mark is the dominant part thereof and that the surname "DEWEY" is not distinctively displayed.

It was held that the word "DEWEY" is the most prominent spoken symbol of the composite mark and the one which purchasers would ordinarily use in calling for applicant's goods, so that the Examiner was right in ruling that the surname "DEWEY" is the dominant part of the mark.

It was held that the surname "DEWEY" printed in plain block letters is not written, printed, or woven in some particular or distinctive manner, and that its association with the red Maltese cross or Formée does not lend the distinctiveness required by the statute, so that the Examiner was correct in denying registration of the mark applied for.

In response to applicant's arguments in its brief concerning four prior registrations of marks similar to the one applied for here, it was held that while such errors and inconsistencies as those it points out are regrettable, they add nothing to the registrability of applicant's mark.

EX PARTE THE FLEETWOOD COFFEE CO., Serial No. 473,314.

In a decision rendered March 29, 1948 (169 Ms. Dec. 681, 77 USPQ —), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Marks refusing to register to The Fleetwood Coffee Co., of Chattanooga, Tenn., under the act of February 20, 1905, as a trade-mark for coffee, a mark described by the Examiner as consisting of the representation of a deer-like animal, shown in side-view in the act of leaping, against the background of a circle, the animal being referred to in the application as a gazelle. Registration of this mark was refused on the ground that it is confusingly similar to registration No. 84,130 registered November 7, 1911, renewed, which shows the word "Antelope" and the representation of an antelope's head within a circle, applied to blended tea and chicory and coffee.

After noting that the only ground of appeal is the contention that the marks are not confusingly similar, it was held that both marks are similar animals and would be recognized as such by purchasers, so that they must be held to be confusingly similar within the meaning of the act.

EX PARTE POND'S EXTRACT COMPANY, Serial No. 480,379.

In a decision rendered March 30, 1948 (169 Ms. Dec. 683, 77 USPQ —), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Marks refusing to register to Pond's Extract Company, of New York, N. Y., under the provisions of the act of March 19, 1920, as a trade-mark for a preparation to be applied to the face to form a make-up base or foundation, the words "Make-up Pat," on the ground that the mark is devoid of trade-mark significance and can in no way indicate ownership.

It was held that while descriptiveness would be no bar to registration under the Trade-Mark Act of 1920, the Examiner of Trade-Marks was right in ruling that the mark sought to be registered is devoid of trade-mark significance.

EX PARTE SERVEL, INC., Serial No. 488,431.

In a decision rendered March 30, 1948 (169 Ms. Dec. 685, 77 USPQ —), *Assistant Commissioner Murphy* granted a request for reconsideration of his decision (605 O. G. 723, 75 USPQ 247) affirming the refusal of the Examiner of Trade-marks to register to Servel, Inc., of Evansville, Indiana, the word "SERVEL" as a trade-mark on periodicals and trade journals, on the ground that the mark which is sought to be registered is a mutilation of the one actually used, but adhered to the holding of the previous decision.

EX PARTE PARFUMERIE FRAGONARD G. FUCHS & CIE (PARFUMS FRAGONARD, INC., NEW YORK, N. Y., ASSIGNEE), Serial No. 488,117.

In a decision rendered March 31, 1948 (169 Ms. Dec. 687, 77 USPQ —), *Assistant Commissioner Daniels* affirmed the action of the Examiner of Trade-Marks refusing to register to Parfumerie Fragonard G. Fuchs & Cie, (Parfums Fragonard, Inc., New York, N. Y., Assignee), of Paris, France, the words "MOMENTS VOLÉS," the English meaning of these words being "STOLEN MOMENTS," as a trade-mark for perfumes under the Trade-Mark Act of February 20, 1905. Registration was refused because of prior registrations of the words "SWEET MOMENTS" for a line of toilet preparations including perfumes and toilet waters, and "PRECIOUS MOMENTS" for perfumes, under the Trade-Mark Act of February 20, 1905.

After noting that the only issue raised on this appeal is the question of confusing similarity of the marks within the meaning of section 5 of the Trade-Mark Act of February 20, 1905, it was held that the decision of the Examiner of Trade-Marks refusing registration must be considered to be correct, since it seems that to purchasers who do not understand the meaning of the word "VOLÉS" the prominence of the word "MOMENTS" would be likely to give rise to confusion, and to those who do understand it, there is an obvious similarity in appearance and in connotation, accepting the meaning which it must be assumed the manufacturer of perfumes intends will be placed upon the words.

EX PARTE PARFUMERIE FRAGONARD G. FUCHS & CIE (PARFUMS FRAGONARD, INC., NEW YORK, N. Y., ASSIGNEE), Serial No. 488,121.

In a decision rendered March 31, 1948 (169 Ms. Dec. 689, 77 USPQ —), *Assistant Commissioner*

Daniels affirmed the action of the Examiner of Trade-Marks refusing to register to Parfumerie Fragonard G. Fuchs & Cie (Parfums Fragonard, Inc., New York, N. Y., Assignee), of Paris, France, the words "STOLEN MOMENTS" as a trade-mark for perfumes, under the Trade-Mark Act of February 20, 1905.

After noting that registration was herein refused over the same registrations as those involved in the copending application, Serial No. 488,117, decided concurrently, supra, and in addition, a prior registration of the words "STOLEN SECRET," for similar goods, has been cited as a bar to registration, and further noting that it is conceded that there is more likelihood of confusion because of similarity in this case than in the companion appeal where the words are written in French, it was held that the reasons for affirming the Examiner of Trade-Marks in the copending appeal, supra, apply in this case.

TRADE-MARKS

OFFICIAL GAZETTE, APRIL 27, 1948

[VOL. 609. NO. 4]

ACT OF 1905

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication. As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Marks published for opposition under the act of 1946 follow the 1905 publications.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 525,295. GLENN R. BROWNE, Hoopeston, Ill. Filed July 1, 1947.

HALLMARK FARM

No claim is made to the word "Farm" apart from the mark.

FOR HORSES AND CATTLE.

Claims use since May 1934.

CLASS 2

RECEPTACLES

Ser. No. 523,214. ALEX TANSKI, Brooklyn, N. Y. Filed May 28, 1947.

AQUA-DOR

No claim is made to the representation of the label as shown on the drawing.

FOR PLASTIC STORAGE BAGS ADAPTED FOR THE RECEPTION AND RETENTION OF COMMODITIES.

Claims use since May 1, 1947.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 504,154. S. BUCHSBAUM & Co., Chicago, Ill. Filed June 19, 1946.

Style Princess

The word "Style" is disclaimed apart from the mark.

FOR KEY CASES.

Claims use since 1943.

Ser. No. 505,716. JESSE SHOFE, Cincinnati, Ohio. Filed July 16, 1946.



The word "Kit" is disclaimed apart from the mark shown.

FOR POCKETBOOKS.

Claims use since July 10, 1946.

Ser. No. 514,905. WILMER D. MURRAY, doing business as Kenley Dog Supplies, Needham Heights, Mass. Filed Dec. 27, 1946.

KENLEY

FOR DOG COMBS.

Claims use since October 1935.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 505,914. PATEK AND CO., San Francisco, Calif. Filed July 19, 1946.

DIGESTEX

FOR SPOT REMOVER USED BY LAUNDRIES AND DRY CLEANERS.

Claims use since Jan. 15, 1938.

Ser. No. 506,564. WESTERN PROCESSED FOOD CO., doing business as Terramar Company, Los Angeles, Calif. Filed July 30, 1946.

Du-Wets

FOR SILVER POLISH.
Claims use since July 1, 1946.

Ser. No. 507,631. FRANK K. FOY, Ansonia, Conn. Filed Aug. 19, 1946.

ANHYDRO

FOR SALT COMPOUNDS FOR USE IN ELECTRO-CHEMICAL CLEANING PROCESSES FOR METALS.
Claims use since December 1943.

Ser. No. 507,633. FRANK K. FOY, doing business as Foy Electro-Chemical Company, Ansonia, Conn. Filed Aug. 19, 1946.

HYDREX

FOR DETERGENTS—NAMELY, SOLUBLE METAL CLEANING SALTS WHICH ARE USED IN HOT, AQUEOUS SOLUTIONS AND WHICH COMPRISE VARIOUS COMBINATIONS OF SODIUM HYDROXIDE, POTASSIUM HYDROXIDE, SODIUM CARBONATE, SODIUM SILICATE, TRI SODIUM PHOSPHATE, SODIUM SESQUI SILICATE, ORTHOSILICATE, AND TETRA SODIUM PYRO PHOSPHATE AND WETTING AGENTS—NAMELY, TALLOW SOAP, SODIUM RESINATE AND SODIUM LAURYL SULPHONATE USED IN FERROUS AND NON-FERROUS METAL CLEANING AND FINISHING PROCESSES PRIOR TO PLATING, PAINTING, APPLYING PHOSPHATE COATINGS AND ANODIZING ABRASIVES—NAMELY, CALCIUM HYDRATE, SILICON DIOXIDE, TRIPOLI FLOUR, GARNET DUST AND OTHER SUCH INSOLUBLE CRYSTALLINE MATERIALS.
Claims use since July 1946.

Ser. No. 510,575. ELLIS H. DENNETT, Sudbury, Mass. Filed Oct. 10, 1946.

R2M

The mark consists of the word "Rim" and the numeral 2 as shown on the drawing.
FOR CLEANING FLUID.
Claims use since July 1, 1946.

Ser. No. 513,396. ESSENTIAL CHEMICALS CO., Milwaukee, Wis. Filed Nov. 29, 1946.

MOUNTAIN GREEN

FOR LIQUID CLEANER FOR FLOORS, WALLS, WOODWORK AND DISHES.
Claims use since Jan. 25, 1946.

Ser. No. 514,228. ROY SPIVEY, Tuscaloosa, Ala. Filed Dec. 13, 1946.

KENRO

FOR HOUSEHOLD SOAP IN POWDER FORM FOR GENERAL LAUNDRY PURPOSES.
Claims use since Nov. 5, 1946.

Ser. No. 516,150. SCHMIDT SOAP PRODUCTS, INC., doing business as Geo. A. Schmidt Co., Chicago, Ill. Filed Jan. 22, 1947.

HAPPY-HOME MAKER

IT IT

FOR SHAMPOO SOAP IN CAKE FORM.
Claims use since approximately Oct. 30, 1905.

Ser. No. 517,336. HOLLIS C. HODSON, Plainfield, Ind. Filed Jan. 10, 1947.

MIST-TEX

FOR WASHING POWDER.
Claims use since July 30, 1945.

Ser. No. 517,972. THE CENTRAL OHIO SUPPLY CO., Columbus, Ohio. Filed Feb. 24, 1947.

COLSO

DIRT CHASER

No claim is made to the word "Dirt" apart from the mark.
FOR WATER SOLUBLE POWDERED OR GRANULAR DETERGENT COMPOUND CONTAINING WATER SOFTENING PROPERTIES.
Claims use since March 1927.

Ser. No. 525,016. OREFRACTION INCORPORATED, Pittsburgh, Pa. Filed June 27, 1947.



FOR CERAMIC ABRASIVE MATERIALS, AND MINERAL MATERIALS AND COMPOSITIONS USED IN MAKING ABRASIVE WHEELS AND BODIES AND ABRASIVE MATERIALS.
Claims use since May 14, 1940.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 502,224. MCCORMICK AND CO., INCORPORATED, Baltimore, Md. Filed May 16, 1946.

ABEJA

FOR INSECTICIDES—TO WIT, INSECTICIDAL SHAMPOO, FLEA AND TICK KILLER, WALL AND SCREEN SPRAY.
Claims use since Mar. 1, 1946.

Ser. No. 508,401. JOHN R. WOODEN, Philadelphia, Pa. Filed Aug. 31, 1946.

Wooden's A-1

The applicant disclaims the term "A-1" alone and apart from the mark as shown. The name "Wooden's" is a facsimile of the signature of the applicant's surname.
FOR POMADE, ROSE OIL, BRILLIANTINE, AND PRESSING OIL, ALL OF SAID ITEMS BEING USED FOR THE HAIR.
Claims use since Sept. 15, 1945.

Ser. No. 509,637. CUTTER LABORATORIES, Berkeley, Calif. Filed Sept. 24, 1946.

Diptussis

FOR BIOLOGICAL IMMUNIZING AGENT FOR IMMUNIZING AGAINST DIPHTHERIA AND WHOOPING COUGH BY INOCULATION.
Claims use since July 1942.

Ser. No. 511,424. SMITH & COMPANY, London, England. Filed Oct. 24, 1946.

"ALTOID"

FOR PEPPERMINT LOZENGES FOR THE RELIEF OF DISCOMFORT AFTER MEALS.
Claims use since 1918.

Ser. No. 517,198. PAISLEY PRODUCTS INCORPORATED, Chicago, Ill. Filed Feb. 8, 1947.

LIGNOTITE

FOR CHEMICAL PREPARATIONS FOR USE AS A WOOD IMPREGNANT AND WOOD PRESERVATIVE.
Claims use since 1907.

Ser. No. 520,410. ABRAHAM NEWHOUSE, doing business as My-Frut Manufacturing Company, Brooklyn, N. Y. Filed Apr. 9, 1947.

MY-FRUT

The word "Frut" is disclaimed apart from the mark.
FOR CANDY LAXATIVE.
Claims use since May 26, 1925.

Ser. No. 522,751. WILLIAM ROSENKRANSE, doing business as Zo-Tite-Products Co., Ozone Park, Long Island, N. Y. Filed May 21, 1947.

ZO-TITE

BLOCK SAVER

No claim is made to the words "Block Saver" apart from the mark.
FOR PREPARATION CONSISTING OF A COMBINATION OF FINE GROUND METALS AND CHEMICAL POWDERS FOR REPAIRING CRACKS IN IRON AND METAL MOTOR PARTS OF VEHICLES.
Claims use since Apr. 17, 1947.

Ser. No. 523,105. KING RESEARCH, INC., Brooklyn, N. Y. Filed May 27, 1947.

SURE-STIX

FOR GERMICIDAL SOLUTION TO BE PLACED IN MOISTENING MACHINES OF GUMMED TAPE, ENVELOPES, POSTAGE STAMPS, LABELS, ETC., FOR DESTROYING BACTERIA, ODOR, AND SLIME.
Claims use since Mar. 17, 1947.

Ser. No. 523,953. FIRST TEXAS CHEMICAL MFG. CO., Dallas, Tex. Filed June 11, 1947.

CINCHO-SEPTINE

Applicant disclaims use of "Septine" apart from the mark.
FOR VAGINAL ASTRINGENT DOUCHE POWDER, USED FOR ITS ANTI-SEPTIC, ASTRINGENT, AND DEODORANT VALUES.
Claims use since February 1931.

Ser. No. 525,303. DARWORTH INCORPORATED, Simsbury, Conn. Filed July 1, 1947.

CORDACIDE

FOR TOXIC VAPOR PRODUCING MATERIAL TO BE USED AS AN INSECTICIDE, PACKAGED IN A CONTAINER PROVIDED WITH AN ELEMENT ADAPTED TO IGNITE THE MATERIAL TO LIBERATE THEREFROM THE TOXIC INGREDIENTS.
Claims use since June 11, 1947.

CLASS 11

INKS AND INKING MATERIALS

Ser. No. 525,862. KEUFFEL & ESSER COMPANY, Hoboken, N. J. Filed July 3, 1947.

K+E

FOR DRAWING INK.
Claims use since March 1947.

Ser. No. 525, 868. KEUFFEL & ESSER COMPANY, Hoboken, N. J. Filed July 3, 1947.

DORIC

FOR DRAWING INK.
Claims use since June 1947.

CLASS 12

CONSTRUCTION MATERIALS

Ser. No. 517,639. INJECTION MOLDING COMPANY, Kansas City, Mo. Filed Feb. 17, 1947.



The mark is a rectangular figure, the height being two times the width, bisected lengthwise by a line, representing the two parts of a mold, with two lines protruding from the center of the right side of said figure at forty-five degree angles thereby forming a figure V, to represent the nozzle by which plastic material is forced into said mold.
FOR ORNAMENTAL PLASTIC TILE MANUFACTURED BY INJECTION MOLDING PROCESS.
Claims use since Jan. 23, 1945.

Ser. No. 522,264. PURITAN COMPANY, INCORPORATED, Rochester, N. Y. Filed May 12, 1947.

GASKA-SEAL

Applicant disclaims the word "Seal" apart from the mark.
FOR SEALING COMPOUND FOR SEALING JOINTS, THREADS, GASKETS, AND THE LIKE.
Claims use since July 9, 1941.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 521,055. UAL J. BROWN, doing business as Brown-Electro Company, Oklahoma City, Okla. Filed Apr. 21, 1947.

BECO CELL

The word "Cell" is disclaimed.
FOR ELECTROLYTIC APPARATUS OF DISSIMILAR METALS PROVIDING AN ELECTRIC CURRENT FOR PREVENTING PRECIPITATION OF MINERAL PARTICLES IN WATER BOILERS, WATER CIRCULATION SYSTEMS, AND WATER COOLING SYSTEMS, AND FOR DESCALING THE SAME.
Claims use since Nov. 14, 1945.

Ser. No. 522,010. HARRY R. NORTHUP, doing business as Northup Products Co., South Bend, Ind. Filed May 7, 1947.

OVEN MAID

The word "Oven" is disclaimed apart from the mark.
FOR OVEN LINERS, COMPRISING DISPOSABLE SHEETS OF METALLIC FOIL ADAPTED TO CATCH BOILED-OVER FOOD.
Claims use since Oct. 17, 1946.

CLASS 19

VEHICLES

Ser. No. 518,866. AMERICAN HARD RUBBER COMPANY, Hempstead and New York, N. Y. Filed Mar. 12, 1947.



FOR STEERING WHEELS, FOR AUTOMOBILES.
Claims use since Jan. 27, 1926.

Ser. No. 519,000. WALTER H. BUCHHAGEN, doing business as Bucknell Company, Nutley, N. J. Filed Mar. 14, 1947.

JIFFY-CART

No claim is made to the word "Cart" except in conjunction with the balance of the mark.
FOR COLLAPSIBLE GO-CARTS AND PERAMBULATORS.
Claims use since Oct. 1, 1945.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 497,631. SARGROVE ELECTRONICS LIMITED, Shepperton-on-Thames, England. Filed Mar. 4, 1946.

PHASITRON

FOR PHASE AND FREQUENCY MODULATORS AND DEMODULATORS, ELECTRICAL SWITCHING APPARATUS, ELECTRICAL DISTRIBUTION BOARDS AND OUTLET BOXES, CAPACITY AND INDUCTION MICROPHONE AMPLIFIERS AND THERMIONIC VALVES.
Claims use since Nov. 17, 1942.

Ser. No. 517,436. SUNBEAM CORPORATION, Chicago, Ill. Filed Feb. 13, 1947.

Sunbeam

The mark consists of the word "Sunbeam."
FOR ELECTRIC HEDGE TRIMMERS AND PARTS THEREOF.
Claims use since Dec. 12, 1946.

Ser. No. 520,857. BRAND AND MILLEN, LIMITED, Long Branch, Ontario, Canada. Filed Apr. 17, 1947.

Astra

FOR RADIO RECEIVING SETS, ELECTRONIC RECORD PLAYERS, AND BATTERY OPERATED PORTABLE FLUORESCENT LAMPS.
Claims use since Aug. 4, 1946.

Ser. No. 522,755. MAGNECORD, INC., Chicago, Ill. Filed May 21, 1947.

Magnecorder

The drawing is lined for the color red.
FOR MAGNETIC WIRE RECORDERS.
Claims use since Aug. 23, 1946.

Ser. No. 526,295. SANIT-ALL PRODUCTS CORPORATION, Greenwich, Ohio. Filed July 4, 1947.

FEEDMASTER

FOR COMBINATION ELECTRIC NURSING BOTTLE WARMERS AND NURSING BOTTLE STERILIZERS.
Claims use since May 1940.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Ser. No. 504,285. HARVEY E. OJALA, doing business as The "Ojie" Bait Co., Cleveland Heights, Ohio. Filed June 20, 1946.

OJIE

FOR FISH LURES.
Claims use since May 23, 1946.

Ser. No. 510,538. WILLIAM WILSON PETERMAN, Wilkes-Barre, Pa. Filed Oct. 9, 1946.

OH-KAY

FOR AMUSEMENT CARD AND CHART GAMES.
Claims use since May 15, 1945.

Ser. No. 510,863. ROBERT E. SODERHOLM, doing business as Soderholm, Worthington, Minn. Filed Oct. 14, 1946.

PEGA-SWING

No claim is made to the word "Swing" apart from the mark.
FOR PLAYGROUND EQUIPMENT—NAMELY, SWINGS.
Claims use since June 21, 1946.

Ser. No. 512,505. HUGGER BAIT COMPANY, Chicago, Ill. Filed Nov. 13, 1946.

HUGGER

FOR ARTIFICIAL FISH LURES AND ARTIFICIAL FISH BAITS.
Claims use since May 2, 1945.

Ser. No. 513,794. ALBARR PRODUCTS CO., Cortland, N. Y. Filed Dec. 6, 1946.

LIN-JON

FOR GAME BOARDS.
Claims use since Nov. 20, 1946.

Ser. No. 517,250. FRANCIS M. KOON, doing business as Le Roy Specialty Company, Waterloo, Ind. Filed Feb. 10, 1947.

FLY-NOT

FOR FISH SCALERS.
Claims use since Nov. 25, 1946.

Ser. No. 524,641. WRIGHT & MCGILL CO., Denver, Colo. Filed June 21, 1947.



FOR FISH HOOKS AND FISH LURES.
Claims use since Apr. 27, 1931.

Ser. No. 526,233. IMPERIAL CROWN TOY CORP., Brooklyn, N. Y. Filed July 4, 1947.

Imperial Skin

No claim is made to the word "Skin" except when associated with the word "Imperial."
FOR DOLLS.
Claims use since May 1, 1947.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 506,167. THE HEIM COMPANY, Fairfield, Conn. Filed July 24, 1946.

UNIBAL

FOR FLEXIBLE COUPLINGS, CONNECTORS (NON-ELECTRIC), ROD END COUPLINGS AND BEARINGS, DESIGNED FOR USE WITH AIRCRAFT, MACHINE TOOLS, AND THE LIKE.
Claims use since Mar. 8, 1946.

Ser. No. 521,246. CRANE CO., Chicago, Ill. Filed Apr. 24, 1947.

CRANE-LINE

The word "Line" is disclaimed apart from the remainder of the mark.
FOR SHALLOW WELL PUMPS, DEEP WELL PUMPS, AND JET PUMPS.
Claims use since Jan. 1, 1947.

Ser. No. 521,518. HELLER BROTHERS COMPANY, Newark, N. J. Filed Apr. 29, 1947.

WIZCUT

FOR FILES.
Claims use since Feb. 10, 1947.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 518,021. J. G. MAXWELL, doing business as Liquitrol Company, Terminal Island, Calif. Filed Feb. 24, 1947.

LIQUITROL

FOR AUTOMATIC LIQUID DISPENSING MACHINES FOR USE IN THE SEED INDUSTRY FOR ADDING SMALL AND EXACT QUANTITIES OF OIL TO SEEDS.
Claims use since Feb. 18, 1947.

Ser. No. 520,504. GEVAERT PHOTO PRODUCTEN, Antwerp, Belgium. Filed Apr. 11, 1947.

TRANSPAREX

FOR SENSITIZED PHOTOGRAPHIC PAPERS; PHOTOGRAPHIC PLATES; PHOTOGRAPHIC FILMS; ROLL FILMS; STUDIO FILMS; PORTRAIT FILMS; FLAT FILMS; FILMPACKS; PACK FILMS; X-RAY FILMS; GRAPHIC FILMS; CINEMATOGRAPHIC FILMS; NON-SENSITIZED PHOTOGRAPHIC ACCESSORIES—NAMELY, CAMERAS, CINECAMERAS, FILTERS, SCREENS, LENSES, AND DEVELOPING FRAMES.
Claims use since July 1, 1933.

Ser. No. 520,513. LORD-TABER COMPANY, INCORPORATED, Canandaigua, N. Y. Filed Apr. 11, 1947.

detectoMaster

FOR THERMOSTATIC CONTROL UNIT COMPRISED IN THE MAIN OF PERMANENT COIL-TYPE MAGNETS FOR DETECTING AND INDICATING ABNORMAL TEMPERATURES AT REMOTE POINTS.
Claims use since Nov. 14, 1946.

Ser. No. 521,160. TRACERLAB, INCORPORATED, Boston, Mass. Filed Apr. 22, 1947.

AUTOSCALER

FOR RADIOACTIVITY MEASURING INSTRUMENT EMPLOYING A GEIGER-MUELLER TUBE, FOR COUNTING RADIOACTIVE IMPULSES AND MEASURING THE TIME REQUIRED FOR THEIR RECEPTION.
Claims use since July 1, 1946.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Ser. No. 506,579. BRUSHMAKERS, INC., Minneapolis, Minn. Filed July 31, 1946.

Typemaster

FOR BRUSHES FOR CLEANING TYPE.
Claims use since July 8, 1946.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 514,203. JACQUES KREISLER MANUFACTURING CORPORATION, North Bergen, N. J. Filed Dec. 13, 1946.

"STYLECTOR"

FOR DISPLAY CABINETS.
Claims use since Dec. 5, 1946.

CLASS 33

GLASSWARE

Ser. No. 514,698. HOWARD D. FOGLESONG, Huntington, W. Va. Filed Dec. 23, 1946.

BlueDel

No claim is made to the word "Blue."
FOR GLASS ARTICLES—NAMELY, VASES, BOTTLES, BOTTLE STOPPERS, DISHES, DRINKING GLASSES, CUPS AND SAUCERS.
Claims use since January 1943.

CLASS 37

PAPER AND STATIONERY

Ser. No. 491,914. GENERAL FIBRE PRODUCTS CO., Maspeth, N. Y. Filed Nov. 20, 1945.

HI-PAKS

FOR CAKE SUPPORT MADE OF CARDBOARD.
Claims use since Nov. 8, 1945.

Ser. No. 512,568. GEORGE D. BAROK, Columbus, Ohio. Filed Nov. 14, 1946.

EASEX
SHORT & LONG

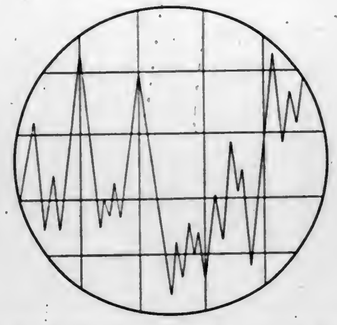
No claim is made to the words "Short & Long" apart from the mark shown.
FOR PRINTED INDEX FORMS FOR MAINTAINING RECORDS OF SHORT AND LONG TERM REAL ESTATE LEASES.
Claims use since Mar. 12, 1946.

Ser. No. 513,034. DISTRICT OF COLUMBIA PAPER MILLS, INC., Washington, D. C. Filed Nov. 22, 1946.

DISCO

Applicant is the owner of Reg. No. 426,113.
FOR BLOTTING PAPER, BOX COVER PAPER, COVER PAPERS, AND PRINTING PAPERS.
Claims use since Jan. 1, 1937.

Ser. No. 514,492. POLYCHROME CORPORATION, Yonkers, N. Y. Filed Dec. 18, 1946.



FOR HEAT-SENSITIVE RECORDING PAPER.
Claims use since Nov. 1, 1946.

Ser. No. 519,746. WILLIAM FULLER, doing business as Sportissue Company, Redlands, Calif. Filed Mar. 28, 1947.

SPORTISSUE

FOR TOILET PAPER.
Claims use since Dec. 12, 1946.

Ser. No. 524,692. JOSEPH DIXON CRUCIBLE COMPANY, Jersey City, N. J. Filed June 24, 1947. Under section 5b of the act of 1905 as amended in 1920.

DIXON

FOR LEAD PENCILS, RUBBER ERASERS, PENCIL POINT PROTECTORS, CRAYON HOLDERS, PEN HOLDERS, CRAYONS, AND LEADS FOR MECHANICAL PENCILS.
Claims use on lead pencils and rubber erasers since 1880; on pencil point protectors since 1898; on crayon holders since 1914; on pen holders since 1915; and on crayons and leads for mechanical pencils since 1924.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 501,492. BARKER GREETING CARD COMPANY, Cincinnati Ohio. Filed May 6, 1946.



FOR GREETING CARDS.
Claims use since August 1944.

CLASS 39

CLOTHING

Ser. No. 475,356. CANNON SHOE COMPANY, Baltimore, Md. Filed Oct. 16, 1944.

RUGGED RAMBLERS

No claim is made to the word "Rugged" apart from the mark shown.
FOR SHOES, MADE OF LEATHER, FABRIC, OR RUBBER, AND/OR ANY COMBINATION THEREOF.
Claims use since Sept. 16, 1944.

Ser. No. 494,855. MARLBORO SHIRT COMPANY, INC., Baltimore, Md. Filed Jan. 16, 1946. Under 10-year proviso.

Marlboro

FOR APPAREL FOR MEN, WOMEN, AND CHILDREN—NAMELY, DRESS, NEGLIGEE, WORK AND SPORT SHIRTS; FABRIC LEATHER, DRESS, CASUAL, WORK, AND SPORTS JACKETS; RAIN, OUTER, OVER, TOP AND REVERSIBLE COATS; MACKINAWS; SWEATERS; UNDERSHIRTS; OUTER AND UNDERWEAR SHORTS; LOUNGING AND SLEEPING PAJAMAS AND PAJAMA COATS; HANDKERCHIEFS; DRESS AND SPORTS SLACKS; ENSEMBLES OF OUTER SHIRTS, OUTER SHORTS AND COATS; MEN'S AND BOYS' SUITS OF VESTS, PANTS, AND COATS; HOSIERY; HATS; CAPS, NECKTIES; HEAD AND NECK SCARFS; GARTERS; APPAREL BELTS; LEATHER AND FABRIC AND COMBINATION LEATHER AND FABRIC DRESS AND WORK GLOVES; LEATHER, FABRIC, AND COMBINATION LEATHER AND FABRIC DRESS, WORK AND BATHING SHOES; BATHING SUITS; BATHING TRUNKS; BEACH, BATH AND LOUNGING ROBES; HUNTING AND SKIING JACKETS, COATS AND PANTS; AND DRESS AND LIVERY UNIFORMS.
Claims use since 1890.

Ser. No. 498,893. GRAFF & GRAFF, INC., New York, N. Y. Filed Mar. 25, 1946.

Grafshire

FOR GIRLS' AND TEENS' COATS, SUITS AND SKIRTS.
Claims use since Sept. 1, 1942.

Ser. No. 499,261. MYRTLE SPORTSWEAR, INC., New York, N. Y. Filed Mar. 29, 1946.



Applicant disclaims the right to the exclusive use of the picture of a pair of skis.
FOR SKI PANTS, SKI SUITS, AND SKI JACKETS FOR WOMEN AND CHILDREN.
Claims use since Mar. 13, 1946.

Ser. No. 501,812. AUERBACH SHOE COMPANY, Boston, Mass. Filed May 10, 1946.



The word "Juveniles" is disclaimed apart from the mark.
FOR MISSES', WOMEN'S, AND CHILDREN'S SHOES OF LEATHER, FABRIC, AND COMBINATIONS THEREOF.
Claims use since Mar. 23, 1945.

Ser. No. 508,415. A. CUNNINGHAM LIMITED, Stewarton, Scotland. Filed Sept. 3, 1946.



The picture of the woman shown on the drawing is a portrait of Mary Stuart.

FOR WOMEN'S KNITTED AND WOVEN FROCKS AND SUITS, WOMEN'S KNITTED JUMPERS AND CARDIGANS, AND WOMEN'S UNDERWEAR.

Claims use since 1911.

Ser. No. 509,061. WESTMOOR MANUFACTURING CO., Minneapolis, Minn. Filed Sept. 13, 1946.

Westmoor

FOR MEN'S PAJAMAS AND LADIES' BLOUSES.

Claims use since Aug. 6, 1946.

Ser. No. 509,865. ALAN E. MURRAY, Wilmington, Del. Filed Sept. 27, 1946.

SPACE SHOE

The word "Shoe" is disclaimed as a trade-mark apart from the mark shown.

FOR SHOES, SANDALS, AND DANCING SHOES.

Claims use since July 30, 1946.

Ser. No. 519,526. KAYLON INCORPORATED, New York, N. Y. Filed Mar. 25, 1947.

Pajam-Session

The word "Pajam" is disclaimed.

FOR PAJAMA COATS, BEACH COATS, SMOCK COATS, AND BATH ROBES.

Claims use since Mar. 10, 1947.

Ser. No. 520,217. THE H & W COMPANY, INC., Newark, N. J. Filed Apr. 5, 1947.

SHEATHFLEX

FOR CORSETTES (GARMENTS COMBINING A LOWER GIRDLE SECTION AND AN UPPER BANDEAU SECTION) AND GIRDLES.

Claims use since Sept. 19, 1934.

Ser. No. 524,052. BLUMENTHAL-MEYER COMPANY, Los Angeles, Calif. Filed June 12, 1947.

MOONBEAM

FOR MEN'S, WOMEN'S, AND CHILDREN'S NIGHTWEAR—NAMELY, PAJAMAS, GOWNS, AND SLEEPERS.

Claims use since July 17, 1923.

Ser. No. 524,392. GALRAY SHOE COMPANY, Lawrence, Mass. Filed June 18, 1947.



The word "Shoes" is disclaimed. The picture is fanciful and does not represent any actual person.

FOR SHOES.

Claims use since May 3, 1946.

Ser. No. 524,404. MADEMOISELLE BELT CO. INC., New York, N. Y. Filed June 18, 1947.

Mademoiselle Doublet

Applicant disclaims sole use of the word "Mademoiselle" apart from the mark as shown.

FOR LADIES' BELTS.

Claims use since August 1946.

Ser. No. 524,584. THE WALDON COMPANY, Philadelphia, Pa. Filed June 20, 1947.

Aprille

FOR HOSIERY.

Claims use since April 1947.

Ser. No. 525,334. PHILIP JACOBS, doing business as Eaton's of California, Pasadena, Calif. Filed July 1, 1947.

don Carlos Jr.

The notation "Jr." is disclaimed. The name "don Carlos" designates the Duke of Madrid, claimant of the throne of Spain, now deceased.

FOR BOYS' SPORTSWEAR—NAMELY, OUTER SHIRTS, SLACKS, PLAY SUITS, OVERALLS, COVERALLS, SUNSUITS, LOAFER COATS, AND JACKETS.

Claims use since May 21, 1947.

Ser. No. 526,228. ISADORE A. HESSEL, St. Louis, Mo. Filed July 4, 1947.

Bellibanty

FOR THE "DYDEE" GRADUATE

No claim is made to the phrase "For the 'Dydee' Graduate" apart from the mark.

FOR CHILDREN'S PANTIES.

Claims use since June 23, 1947.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 512,341. PAD-CRAFT MANUFACTURING CO. INC., New York, N. Y. Filed Nov. 9, 1946.



No claim is made to the word "Paddy" and/or the representation of a shoulder pad except as shown. The picture is fanciful.

FOR SHOULDER PADS DESIGNED FOR USE IN WEARING APPAREL.

Claims use since September 1946.

Ser. No. 522,305. HEIRLOOM NEEDLEWORK GUILD, New York, N. Y. Filed May 13, 1947.

Hiawatha
BOUQUET
QUILT

The words "Bouquet" and "Quilt" are disclaimed apart from the mark shown.

FOR STAMPED GOODS FOR QUILT MAKING.

Claims use since February 1946.

CLASS 41

CANES, PARASOLS, AND UMBRELLAS

Ser. No. 504,317. GUSTAVE S. BERMAN, New York, N. Y. Filed June 21, 1946.

STORMBRELLA

Applicant disclaims the word "Storm" apart from the mark shown.

FOR PARASOLS AND UMBRELLAS.

Claims use since Mar. 21, 1946.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 523,294. ROSS TRAPP, Salt Lake City, Utah. Filed May 29, 1947.

Television

FOR PERMANENT WAVE MACHINE.

Claims use since Mar. 5, 1947.

Ser. No. 524,137. WILLIAM E. JOHNSTON, doing business as Aladin Hearing Aid Manufacturing Co., Minneapolis, Minn. Filed June 13, 1947.

Goldentone

FOR HEARING AID SETS COMPRISING RECEIVERS, MICROPHONES, AND TRANSMITTERS.

Claims use since Apr. 22, 1947.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Ser. No. 489,233. HARRY A. MUNDORFF, JR., doing business as Li'l Grape Company, Wilmington, Del. Filed Oct. 1, 1945.

Li'l

FOR GRAPE SODA.
Claims use since Sept. 21, 1945.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 479,633. MINERAL LABORATORIES, St. Louis, Mo. Filed Feb. 9, 1945.

CER-DEX

FOR COMPOUND OF FORTIFYING OR ENRICHING INGREDIENTS—NAMELY, COMBINATIONS OF VITAMINS, CORN GLUTEN, EDIBLE GELATINE, SALT, CITRUS PECTIN AND OTHER STABILIZERS, ANHYDROUS DEXTROSE, CALCIUM HYDROXIDE, DRY MILK SOLIDS, MAGNESIUM OXIDE, MINERAL SALTS, AND SOY FLOUR, FOR MILK PRODUCTS SUCH AS ICE CREAM PREPARATIONS, PUDDING PREPARATIONS, CONFECTIONS AND THE LIKE.
Claims use since Oct. 3, 1944.

Ser. No. 496,638. KUNGSHOLM BAKING CO., INC., Chicago, Ill. Filed Feb. 15, 1946.

SNAK-PACK
KUNGSHOLM

Applicant makes no claim to the words "Snak-Pack" apart from the mark.
FOR COOKIES.
Claims use since Jan. 2, 1944.

Ser. No. 496,639. KUNGSHOLM BAKING CO., INC., Chicago, Ill. Filed Feb. 15, 1946.

SWEET PICKENS
KUNGSHOLM

Applicant makes no claim to the word "Sweet" alone.
FOR COOKIES.
Claims use since Jan. 2, 1944.

Ser. No. 506,037. KOLSTAD CANNERIES, INC., Silverton, Oreg. Filed July 22, 1946.

Silver Falls

FOR CANNED VEGETABLES.
Claims use since 1940.

Ser. No. 511,808. GENERAL BIOCHEMICALS, INC., Chagrin Falls, Ohio. Oct. 31, 1946.

FRIGIDRY

FOR MILK, CHEESE, AND BUTTER CULTURES.
Claims use since July 10, 1946.

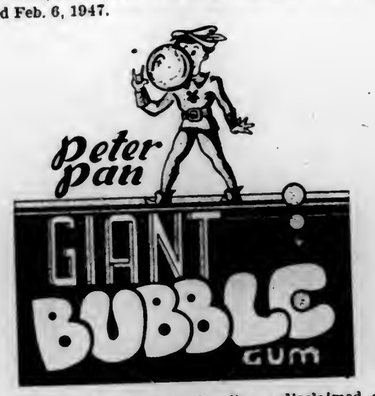
Ser. No. 515,899. HENRY H. OTTENS MFG. CO., INC., Philadelphia, Pa. Filed Jan. 17, 1947.

QUAKER



The portrait forming a part of the mark is fanciful and not the portrait of any living person.
FOR FOOD FLAVORING EXTRACTS, EMULSIONS, CONCENTRATES; MARSHMALLOW POWDER FOR MAKING ICING OR TOPPING; ICING AND WHIP POWDERS FOR MAKING MERINGUE, PASTRY TOPPINGS, AND CREAM ROLL FILLINGS.
Claims use since Apr. 4, 1905.

Ser. No. 517,089. PETER PAN GUM CORP., Brooklyn, N. Y. Filed Feb. 6, 1947.



The words "Giant Bubble Gum" are disclaimed apart from the mark as shown. The stippling on the drawing is for shading purposes.
FOR BUBBLE CHEWING GUM.
Claims use since Jan. 16, 1947.

Ser. No. 520,859. CARR-CONSOLIDATED BISCUIT COMPANY, Wilkes-Barre, Pa. Filed Apr. 17, 1947.



The representation of the girl is fanciful. The name "Cookie Carr" is disclaimed. Applicant is the owner of Reg. No. 310,969.
FOR MALTED CREAM COOKIES.
Claims use since June 1, 1946.

Ser. No. 522,195. MAGDA JOHANN TARLETON, New York, N. Y. Filed May 10, 1947.

Saucery

FOR CONCENTRATED BASE, IN SOLID OR GRANULATED FORM, CONTAINING FLOUR, VEGETABLE FAT, POWDERED MILK AND LECITHIN FOR USE IN MAKING ALL KINDS OF SAUCES AND GRAVIES AND FOR THICKENING CREAM SOUPS, STEWS, HASHES, AND OTHER DISHES.
Claims use since Oct. 18, 1946.

Ser. No. 523,012. PETER GIANNINI, Santa Clara, Calif. Filed May 24, 1947.

EET MEE

No claim is made to the word "Eet" apart from the mark as shown.
FOR FRESH VEGETABLES.
Claims use since Sept. 23, 1946.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Ser. No. 520,291. HYMAN C. NEUMAN, doing business as "W. A. Haller Company," Philadelphia, Pa., assignor to W. A. Haller Corporation, Philadelphia, Pa., a corporation of Delaware. Filed Apr. 7, 1947.

FRIDAY'S
XXXXX

FOR DISTILLED ALCOHOLIC BEVERAGES, PARTICULARLY WHISKEY.
Claims use since Apr. 22, 1937.

Ser. No. 521,705. JOHN WALKER & SONS LIMITED, London, England. May 1, 1947.



The portrait is fanciful.
FOR WHISKY.
Claims use since 1931.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Ser. No. 516,500. PLYMOUTH WHOLESALE DRY GOODS CORPORATION, New York, N. Y. Filed Jan. 28, 1947. Under the act of February 20, 1905, as amended June 10, 1938.

Hearthstone

FOR PROTECTIVE COVERS FOR FOOD CONTAINERS AND THE LIKE, MADE OF OIL-SILK AND/OR PLASTIC MATERIALS.
Claims use since Feb. 13, 1945.

Ser. No. 523,051. CAMPBELL ROBINSON BATCHELLER, doing business as Robinwood, New York, N. Y. Filed May 26, 1947.



FOR WOOD PLAQUES AND FIGURINES.
Claims use since Sept. 9, 1941.

ACT OF 1946

The following trade-marks are published in compliance with section 12(a) of the Trade-Mark Act of 1946. Notice of opposition under section 13 may be filed within thirty days of this publication. See Rules 20.1 to 20.5.
As provided by section 31 of said act, a fee of twenty-five dollars must accompany each notice of opposition.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Ser. No. 529,049. J. GREENEBAUM TANNING CO., Chicago, Ill. Filed July 21, 1947.

GOLDENCROM

Applicant claims ownership of registration No. 221,046.
FOR FULL GRAINED AND BUFFED SOLE LEATHER.
Claims use since May 15, 1925.

CLASS 2

RECEPTACLES

Ser. No. 480,126. ALADDIN INDUSTRIES, INCORPORATED, Alexandria, Ind., and Chicago, Ill. Filed Aug. 8, 1947.

Aladdin

FOR VACUUM BOTTLES AND HEAT-INSULATED RECEPTACLES—NAMELY, PORTABLE HEAT-INSULATED FOOD AND BEVERAGE CONTAINERS OF SUBSTANTIALLY BOTTLE OR JUG FORM, INCLUDING AN INNER FRANGIBLE CONTAINER AND AN OUTER PROTECTIVE JACKET HEAT AND/OR SHOCK-INSULATED FROM THE FRANGIBLE CONTAINER.
Claims use since June 5, 1919.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Ser. No. 510,514. HENRY HOTZE & SONS COMPANY, St. Louis, Mo. Filed Aug. 6, 1947.

HOT Z

FOR MEN'S AND WOMEN'S LUGGAGE—NAMELY, TRAVELING BAGS AND SUITCASES COMPOSED MAINLY OF LEATHER AND/OR CANVAS.
Claims use since 1921.

Ser. No. 532,048. NATIONWIDE LEATHER PRODUCTS CORP., New York, N. Y. Filed Aug. 21, 1947.

Strap-O-Matic

The word "Strap" is disclaimed apart from the mark.
FOR BRIEF CASES.
Claims use since January 1937.

Ser. No. 532,791. ARISTOCRAT LEATHER PRODUCTS, INC., New York, N. Y. Filed Aug. 29, 1947.

INNER SANCTUM

Applicant claims ownership of registration No. 415,219.
FOR WALLETS, BILL FOLDS, POCKET BOOKS, PURSES, TRAVELING BAGS, SUIT CASES, OVERNIGHT CASES, FITTED TOILET CASES, BRIEF CASES, KEY CASES, AND LADIES' HANDBAGS.
Claims use since Nov. 15, 1944.

Ser. No. 533,732. CHESTER E. GOULD, doing business as Chester E. Gould's Herb Laboratory, Malden, Mass. Filed Sept. 8, 1947.

"Its a Dandy"



The words "Catnip Mouse" are disclaimed apart from the mark.
FOR TOYS FOR CATS FILLED WITH CATNIP HERB.
Claims use since Aug. 27, 1947.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Ser. No. 505,918. PATEK AND CO., San Francisco, Calif. Filed Oct. 15, 1947.

SAFE-T-SOL

The word "Safe-T" is disclaimed.
FOR DRY SPOTTING COMPOUND.
Claims use since Jan. 15, 1939.

Ser. No. 531,892. THE COWLES DETERGENT COMPANY, Cleveland, Ohio. Filed Aug. 20, 1947.

ESCOFOS

FOR CLEANSING PREPARATION ACTING AS A WATER HARDNESS REPRESSANT AND SOAP REGENERATOR IN THE LAUNDERING OF FABRICS.
Claims use since February 1946.

Ser. No. 532,022. HAMMEL, RIGLANDER & CO., INC., New York, N. Y. Filed Aug. 21, 1947. Under section 2f of the act of 1946.

SANGER'S

FOR ABRASIVE-CLOTH TUBES AND CONES USED FOR THE BUFFING AND POLISHING OF RINGS AND KNOWN AS RING BUFFS.
Claims use since 1897.

Ser. No. 539,898. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio. Filed Nov. 1, 1947.

DOWRY

Applicant claims ownership of registration No. 364,103.
FOR SUDSING CLEANER, CLEANSER, AND DETERGENT.
Claims use since Oct. 2, 1947.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Ser. No. 489,979. NORTHERN LABORATORIES, Manitowoc, Wis. Filed Aug. 4, 1947.

CONGO

FOR INSECTICIDE FOR APPLICATION TO THE BODY OR CLOTHING TO REPEL INSECTS OF ALL KINDS.
Claims use since June 17, 1944.

Ser. No. 518,598. HIZONE PRODUCTS, Wilmette, Ill. Filed Aug. 18, 1947.

Paulex

FOR POWDER FOR EXTERNAL EMBALMING AND THE STERILIZATION OF ENCLOSED CONTAINERS.
Claims use since September 1929.

Ser. No. 523,315. HALITOSINE COMPANY, St. Louis, Mo. Filed Sept. 11, 1947.

HECK

Applicant claims ownership of registration No. 211,668.
FOR PERSONAL DEODORANT.
Claims use since Sept. 11, 1925.

Ser. No. 523,654. BRAYTEN PHARMACEUTICAL COMPANY, Chattanooga, Tenn. Filed Oct. 1, 1947.

THEOGLYCINATE

FOR MEDICINAL PREPARATION CONTAINING THEOPHYLLINE SODIUM GLYCINATE FOR TREATMENT OF RESPIRATORY INVOLVEMENTS AND CIRCULATORY INVOLVEMENTS.
Claims use since Apr. 18, 1947.

Ser. No. 526,798. PUBLICKER INDUSTRIES INC., Philadelphia, Pa. Filed July 5, 1947.

Paco

Applicant claims ownership of registrations Nos. 249,320 and 250,586.
FOR ETHYL ACETATE, BUTYL ACETATE, METHANOL AND DENATURED ALCOHOL.
Claims use since May 1, 1928.

Ser. No. 530,249. PARK & TILFORD, New York, N. Y. Filed Aug. 1, 1947.

WILD HARVEST

FOR LIPSTICKS, FACE POWDER, ROUGE, TOILET WATER, PERFUMES, FACE CREAMS, AND HAND LOTIONS.
Claims use since July 15, 1947.

Ser. No. 531,040. KINOSLAND-FERGUSON, INC., New York, N. Y. Filed Aug. 11, 1947.

HYDRO - lamins

FOR YEAST PROTEIN AND CASEIN HYDROLYSATES.
Claims use since July 7, 1947.

Ser. No. 532,244. MAX FACTOR & CO., Los Angeles, Calif. Filed Aug. 23, 1947.

PAN-STIK

The word "Stik" is disclaimed. Applicant claims ownership of registration No. 390,142.
FOR COSMETICS IN THE NATURE OF PERFUMES, THEATRICAL MAKE-UP AND SIMILAR PREPARATIONS—NAMELY, LIPSTICK, MOIST ROUGE, MAKE-UP CREAM, DRY ROUGE, CLEANSING CREAM, AND MAKE-UP FOUNDATION.
Claims use since Aug. 7, 1947.

Ser. No. 532,362. STAUFFER CHEMICAL COMPANY, San Francisco, Calif. Filed Aug. 25, 1947. Under section 2f of the act of 1946.

Nico

Applicant claims ownership of registrations Nos. 320,549, 177,704, 172,751, and 165,511.
FOR INSECTICIDES AND SULPHUR.
Claims use since July 1, 1930.

Ser. No. 532,369. STAUFFER CHEMICAL COMPANY, San Francisco, Calif. Filed Aug. 25, 1947.

Swan

In the drawing, the lining indicates shading. Applicant claims ownership of registration No. 236,109.
FOR SULPHUR.
Claims use since Mar. 24, 1907.

Ser. No. 532,371. STAUFFER CHEMICAL COMPANY, San Francisco, Calif. Filed Aug. 25, 1947. Under section 2f of the act of 1946.

NICO-DUST

No claim is made to the word "Dust" apart from the mark. Applicant claims ownership of registration No. 165,511.
FOR INSECTICIDE.
Claims use since Apr. 20, 1920.

Ser. No. 532,662. UNITED MERCHANTS & MANUFACTURERS, INC., New York, N. Y., and Wilmington, Del. Filed Aug. 27, 1947.

"93"

FOR RESINOUS IMPREGNATING AGENTS USED TO STABILIZE COTTON, RAYON, OR ACETATE TEXTILE FABRICS AND COMBINATIONS THEREOF.
Claims use since Apr. 18, 1947.

Ser. No. 533,963. WYETH INCORPORATED, Philadelphia, Pa. Filed Sept. 20, 1947.

GUASTRONA

FOR CONJUGATED ESTROGEN (EQUINE) FOR MEDICINAL USE.
Claims use since Sept. 21, 1945.

Ser. No. 533,964. WYETH INCORPORATED, Philadelphia, Pa. Filed Sept. 20, 1947.

BENELIX

FOR ELIXIR THIAMIN CHLORIDE.
Claims use since Nov. 6, 1941.

Ser. No. 534,486. SYNDICATE-ARKWRIGHT TRADING CORP., New York, N. Y. Filed Sept. 13, 1947.

ROJANE

Applicant claims ownership of registration No. 211,426.
FOR PERFUMES AND TOILET WATER.
Claims use since Apr. 13, 1926.

Ser. No. 534,888. FOSTER-DACK COMPANY, Chicago, Ill. Filed Sept. 18, 1947.

MECCA-LACS

Applicant claims ownership of registration No. 78,497.
FOR MILD VEGETABLE LAXATIVE.
Claims use since Jan. 1, 1932.

Ser. No. 534,889. FOSTER-DACK COMPANY, Chicago, Ill. Filed Sept. 18, 1947.

MECCALINE

Applicant claims ownership of registration No. 78,497.
FOR RECTAL OINTMENT.
Claims use since Jan. 1, 1920.

Ser. No. 536,310. J. STRICKLAND AND CO., Memphis, Tenn. Filed Sept. 30, 1947.

Aloma

FOR HAIR DRESSING.
Claims use since Aug. 22, 1947.

Ser. No. 536,583. JACQUELINE COCHRAN, doing business as Jacqueline Cochran and Jacqueline Cochran Cosmetics, Newark, N. J., assignor to Jacqueline Cochran, Inc., Newark, N. J., a corporation of Delaware. Filed Oct. 3, 1947.

PURSUIT

Applicant claims ownership of registration No. 392,416.
FOR COSMETICS AND BEAUTY PREPARATIONS—NAMELY, FACE POWDER, FACE CREAM, FOUNDATION CREAM, FOUNDATION LOTION, PERFUME, COLOGNE, TOILET WATER, CREAM ROUGE, ROUGE COMPACTS, LIPSTICKS, SKIN TONIC, CLEANSING CREAM, HAND LOTION, HAND CREAM, EYE LOTION, EYE CREAM, EYE SHADOW, MASCARA, NIGHT CREAM, THROAT CREAM, BATH OILS, DUSTING POWDER, BATH SALTS, BODY LOTION, BODY CREAM, SUNTAN LOTION, AND SUNTAN CREAM.
Claims use since June 9, 1941.

Ser. No. 536,585. JACQUELINE COCHRAN, doing business as Jacqueline Cochran and Jacqueline Cochran Cosmetics, Newark, N. J., assignor to Jacqueline Cochran, Inc., Newark, N. J., a corporation of Delaware. Filed Oct. 3, 1947.

SHINING HOUR

Applicant claims ownership of registration No. 393,188.
FOR COSMETICS AND BEAUTY PREPARATIONS—NAMELY, FACE POWDER, FACE CREAM, FOUNDATION CREAM, FOUNDATION LOTION, PERFUME, COLOGNE, TOILET WATER, CREAM ROUGE, ROUGE COMPACTS, LIPSTICKS, SKIN TONIC, CLEANSING CREAM, HAND LOTION, HAND CREAM, EYE LOTION, EYE CREAM, EYE SHADOW, MASCARA, NIGHT CREAM, THROAT CREAM, BATH OILS, DUSTING POWDER, BATH SALTS, BODY LOTION, BODY CREAM, SUNTAN LOTION, AND SUNTAN CREAM.
Claims use since Aug. 26, 1941.

Ser. No. 537,983. CENTRAL PETROLEUM COMPANY, Cleveland, Ohio. Filed Oct. 16, 1947.

CEN-PE-CO

Applicant claims ownership of registrations Nos. 201,328, 278,439, 283,713, and 425,519.
FOR OIL FOR THE PROTECTION OF ANIMALS FROM FLIES, MOSQUITOES, GNATS, AND OTHER SIMILAR INSECTS; MEDICATED HOG OIL FOR TREATMENT OF HOGS TO KILL LICE, MANGE AND OTHER SKIN DISEASES; AND AN INSECTICIDE AND DDT INSECTICIDE FOR KILLING FLIES, MOSQUITOES, ROACHES, FLEAS, ANTS, GNATS, LICE, SILVERFISH, MOTHS, POULTRY MITES, AND TICKS.
Claims use since Jan. 1, 1929.

Ser. No. 540,053. THE DOW CHEMICAL COMPANY, Midland, Mich. Filed Nov. 4, 1947.

NEROSOL

FOR AROMATIC CHEMICAL USEFUL AS A PERFUME BASE.
Claims use since Sept. 17, 1947.

Ser. No. 540,054. THE DOW CHEMICAL COMPANY, Midland, Mich. Filed Nov. 4, 1947.

VELVETINE

FOR AROMATIC CHEMICAL USEFUL AS A PERFUME BASE.
Claims use since May 27, 1947.

Ser. No. 540,404. RALPH I. GUY, doing business as The Rig Company, Glendale, Calif. Filed Nov. 7, 1947.

WO 5

FOR WHEAT GERM OIL.
Claims use since Aug. 10, 1943.

Ser. No. 540,409. RALPH I. GUY, doing business as The Rig Company, Glendale, Calif. Filed Nov. 7, 1947.

RIBFLAY

FOR VITAMIN B PREPARATION.
Claims use since Oct. 6, 1947.

Ser. No. 541,367. WILLIAM R. WARNER & CO., INC., New York, N. Y. Filed Dec. 12, 1947.

DIATRIN

Applicant claims ownership of registration No. 386,147.
FOR ANTI-HISTAMINIC PREPARATIONS FOR USE IN THE TREATMENT OF ALLERGIC DISORDERS SUCH AS HAY FEVER, BRONCHIAL ASTHMA, AND URTICARIA.
Claims use since Dec. 8, 1947.

Ser. No. 542,152. MONSANTO CHEMICAL COMPANY, St. Louis, Mo. Filed Nov. 24, 1947.

NOXERB

FOR HERBICIDES.
Claims use since Sept. 8, 1947.

CLASS 7
CORDAGE

Ser. No. 530,854. CHAS. A. SCHIEREN COMPANY, New York, N. Y. Filed Aug. 8, 1947.



Applicant claims ownership of registration No. 233,959.
FOR RAWHIDE ROPE.
Claims use since Oct. 1, 1925.

CLASS 11
INKS AND INKING MATERIALS

Ser. No. 526,971. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y. Filed July 5, 1947. Under section 2f of the act of 1946.



Applicant disclaims the word "Wax-Back" apart from the mark. Applicant claims ownership of registration No. 420,050.
FOR CARBON PAPER.
Claims use since Dec. 24, 1926.

Ser. No. 527,499. THE INCO COMPANY, Cleveland, Ohio. Filed July 5, 1947.



The word "Ink" is disclaimed apart from the mark. The drawing is lined for the color, red, but color is disclaimed because color is not an essential part of the mark.
FOR PRINTER'S INKS AND LITHOGRAPHIC INKS.
Claims use since October 1932.

Ser. No. 531,997. DITTO, INCORPORATED, Chicago, Ill. Filed Aug. 21, 1947.

HEATHER

FOR CARBON PAPER.
Claims use since July 11, 1947.

Ser. No. 531,998. DITTO, INCORPORATED, Chicago, Ill. Filed Aug. 21, 1947.

ORCHID

FOR CARBON PAPER.
Claims use since July 14, 1947.

Ser. No. 531,999. DITTO, INCORPORATED, Chicago, Ill. Filed Aug. 21, 1947.

LARKSPUR

FOR CARBON PAPER.
Claims use since July 14, 1947.

Ser. No. 532,000. DITTO, INCORPORATED, Chicago, Ill. Filed Aug. 21, 1947.

COLUMBINE

FOR CARBON PAPER.
Claims use since July 14, 1947.

Ser. No. 532,002. DITTO, INCORPORATED, Chicago, Ill. Filed Aug. 21, 1947.

IRIS

FOR CARBON PAPER.
Claims use since July 14, 1947.

Ser. No. 532,003. DITTO, INCORPORATED, Chicago, Ill. Filed Aug. 21, 1947.

GENTIAN

FOR CARBON PAPER.
Claims use since July 14, 1947.

CLASS 12
CONSTRUCTION MATERIALS

Ser. No. 510,724. PURITAN COMPANY, INCORPORATED, Rochester, N. Y. Filed July 22, 1947.

WINDOWELD

FOR SUBSTANTIALLY TRANSPARENT LIQUID MATERIAL CAPABLE OF HARDENING UPON DRYING TO FORM A HARD, TENACIOUS TRANSPARENT BODY FOR FILLING, REINFORCING, AND REPAIRING CRACKS AND BREAKS IN TRANSPARENT PLASTIC SHEETING SUCH AS AIRCRAFT WINDSHIELDS.
Claims use since Aug. 22, 1946.

Ser. No. 531,220. LEWIS ASPHALT ENGINEERING CORPORATION, New York, N. Y., and Clark, N. J. Filed Aug. 13, 1947.

KARNAK

FOR FABRIC SATURATED WITH TAR FOR USE IN WATERPROOFING BUILDINGS, BRIDGES, TUNNELS, AND ROOFS FOR BUILDINGS AND OTHER STRUCTURES.
Claims use since May 26, 1920.

Ser. No. 531,221. LEWIS ASPHALT ENGINEERING CORPORATION, New York, N. Y., and Clark, N. J. Filed Aug. 13, 1947.

KARNAK

FOR ASPHALT PRIMER AND ASPHALTIC JOINT FILLER.
Claims use since May 26, 1920.

Ser. No. 532,318. HERMAN MOE, doing business as Duro-Flex Co., Minneapolis, Minn. Filed Aug. 25, 1947.

Duro-flex

FOR THERMAL INSULATION BLANKETS FORMED OF PAPER.
Claims use since October 1929.

Ser. No. 532,894. GEORGE W. WHITESIDE CO., Louisville, Ky. Filed Aug. 29, 1947.

AQUA-static

FOR FILM-FORMING COMPOUND TO BE APPLIED OVER FRESHLY LAID CONCRETE FOR CURING PURPOSES.
Claims use since Apr. 7, 1939.

Ser. No. 533,585. THE JOVA BRICK WORKS, Roseton, N. Y. Filed Sept. 5, 1947.

JJJ

FOR BUILDING BRICKS.
Claims use since June 15, 1885.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Ser. No. 506,055. NORRIS STAMPING AND MANUFACTURING CO., Los Angeles, Calif. Filed July 5, 1947.

Thermic Ray

FOR DOMESTIC ALUMINUM AND STAINLESS STEEL COOKING UTENSILS—NAMELY, SAUCE PANS, SAUCE POTS, FRY PANS, DUTCH OVENS, DOUBLE BOILERS, PRESSURE COOKERS, AND COFFEE MAKERS.
Claims use since Dec. 13, 1945.

Ser. No. 531,139. THE MOORE ENAMELING AND MANUFACTURING COMPANY, West Lafayette, Ohio. Filed Aug. 12, 1947.

MEMCO

FOR ENAMELED BASE METAL HOLLOW WARE, FLAT WARE, SEMI-FLAT WARE, AND SHALLOW WARE—NAMELY, DOUBLE BOILERS, COMBINATION COOKERS, KETTLES, TEAKETTLES, SAUCE PANS, PERCOLATORS, POTS; COVERS FOR BOILERS, COOKERS, KETTLES, PANS, AND POTS; PIE PLATES, BAKE PANS, DUTCH OVENS, COMBINATION ROASTERS AND COOKERS, REFRIGERATOR PANS, PUDDING PANS, DISH PANS, AND SINK STRAINERS, ALL FOR CULINARY, KITCHEN AND HOUSEHOLD PURPOSES.
Claims use since Jan. 11, 1937.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Ser. No. 518,647. ARCOS CORPORATION, Philadelphia, Pa. Filed Aug. 18, 1947.

OXYCUTTEND

FOR CONSUMABLE METAL CUTTING RODS.
Claims use since Feb. 10, 1947.

Ser. No. 529,845. ACKERLIND STEEL CO., INC., New York, N. Y. Filed July 29, 1947.

VI-CHROME

The word "Chrome" is disclaimed.
FOR HIGH-CARBON, HIGH-CHROMIUM, OIL-QUENCHING TOOL STEEL.
Claims use since June 17, 1947.

Ser. No. 531,735. ST. LOUIS MALLEABLE CASTING COMPANY, St. Louis, Mo. Filed Aug. 18, 1947.

STL

FOR MALLEABLE AND GREY IRON CASTINGS.
Claims use since May 1913.

Ser. No. 532,500. RIGID-TEX CORPORATION, Buffalo, N. Y. Filed Aug. 26, 1947.

"R-S-T"

FOR PERFORATED, REINFORCED FERROUS AND NON-FERROUS METAL SHEETS.
Claims use since Aug. 1, 1947.

CLASS 17

TOBACCO PRODUCTS

Ser. No. 536,927. P. LORILLARD COMPANY, New York, N. Y. Filed Oct. 6, 1947.

HELMAR

FOR CIGARETTES.
Claims use since 1907.

Ser. No. 536,930. P. LORILLARD COMPANY, New York, N. Y. Filed Oct. 6, 1947.

SENSATION

FOR CIGARETTES AND CUT PLUG TOBACCO.
Claims use since 1899.

Ser. No. 536,933. P. LORILLARD COMPANY, New York, N. Y. Filed Oct. 6, 1947.

BAGPIPE

FOR CHEWING TOBACCO.
Claims use since 1895.

Ser. No. 536,935. P. LORILLARD COMPANY, New York, N. Y. Filed Oct. 6, 1947.

NEPTUNE

FOR CHEWING TOBACCO.
Claims use since 1889.

Ser. No. 536,936. P. LORILLARD COMPANY, New York, N. Y. Filed Oct. 6, 1947.

Bounty

FOR CIGARETTES AND CIGARETTE TOBACCO.
Claims use since 1939.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Ser. No. 517,877. THE TELEOPTIC COMPANY, Racine, Wis. Filed Aug. 28, 1947.

Fog King

No claim is made to the word "Fog," except in the association shown.
FOR ELECTRIC FOG LIGHTS FOR AUTOMOBILES.
Claims use since 1937.

Ser. No. 518,629. THE TELEOPTIC COMPANY, Racine, Wis. Filed Aug. 28, 1947.

Fire-King

FOR ELECTRICAL WARNING LIGHTS FOR ROAD VEHICLES.
Claims use since Feb. 26, 1947.

Ser. No. 518,630. THE TELEOPTIC COMPANY, Racine, Wis. Filed Aug. 23, 1947.

Trac-King

FOR ELECTRIC HEADLIGHTS FOR FARM TRACTORS.
Claims use since Feb. 26, 1947.

Ser. No. 518,632. THE TELEOPTIC COMPANY, Racine, Wis. Filed Aug. 28, 1947.

Sno-King

FOR ELECTRICAL WARNING LIGHTS FOR ROAD VEHICLES.
Claims use since Feb. 26, 1947.

Ser. No. 518,646. ARCOS CORPORATION, Philadelphia, Pa. Filed Aug. 18, 1947.

OXYARC

FOR ROD HOLDERS FOR ELECTRIC METAL CUTTING APPARATUS.
Claims use since Feb. 11, 1947.

Ser. No. 519,275. JAMES R. KEARNEY CORPORATION, St. Louis, Mo. Filed Aug. 25, 1947.

KEARNALLOY

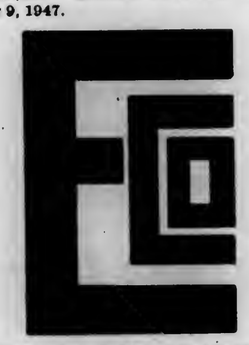
FOR ELECTRICAL CONNECTORS.
Claims use since Feb. 27, 1947.

Ser. No. 527,527. JEFFERSON ELECTRIC COMPANY, Bellwood, Ill. Filed July 5, 1947.

Nucode

Applicant claims ownership of registration No. 219,579.
FOR TRANSFORMERS.
Claims use since Mar. 30, 1926.

Ser. No. 528,201. ELLIOTT COMPANY, Jeannette, Pa. Filed July 9, 1947.



FOR ELECTRIC MOTORS AND ELECTRIC GENERATORS.
Claims use since Sept. 21, 1927.

Ser. No. 528,653. ALEXANDER STROBL, doing business as Stroblite Co., New York, N. Y. Filed July 15, 1947.

STROBLITE

FOR ELECTRICAL APPARATUS—NAMELY, ULTRA-VIOLET LAMPS, BLACKLIGHT LAMPS, FLUORESCENT LAMPS, ULTRA-VIOLET LIGHT FILTERS, LIGHT FIXTURES REFLECTORS.
Claims use since Jan. 1, 1926.

Ser. No. 528,820. THE REGINA CORPORATION, Rahway, N. J. Filed July 17, 1947.



The notation "Established 1892" is disclaimed apart from the mark. Applicant claims ownership of registration Nos. 83,944, 135,051, and 263,230.
FOR ELECTRICALLY OPERATED DOMESTIC VACUUM CLEANERS AND FLOOR POLISHING MACHINES.
Claims use since Jan. 1, 1936.

Ser. No. 529,440. THE DANELECTRO CORPORATION, Red Bank, N. J. Filed July 25, 1947.

VIBRAVOX

FOR AUDIO FREQUENCY AMPLIFYING UNITS AND PARTS THEREOF.
Claims use since Jan. 20, 1947.

Ser. No. 531,622. SANTAY CORPORATION, Chicago, Ill. Filed Aug. 16, 1947.

"S.E."

FOR ELECTRIC CIGAR AND CIGARETTE LIGHTERS AND PARTS THEREFOR.
Claims use since Jan. 2, 1947.

Ser. No. 532,089. AMERICAN BATTERY MFG. COMPANY, doing business as Arrow Battery Company, Kansas City, Mo. Filed Aug. 22, 1947.

ARROW

FOR ELECTRIC STORAGE BATTERIES.
Claims use since July 1, 1933.

Ser. No. 533,474. MAGIKITCH'N EQUIPMENT CORPORATION, Quakerstown, Pa. Filed July 29, 1947.



Applicant claims ownership of registration No. 275,493.
FOR ELECTRICALLY HEATED TOASTERS, BROILERS, GRILLS, STOVES, WAFFLE IRONS, AND OVENS.
Claims use since Feb. 15, 1928.

CLASS 22

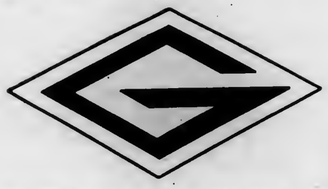
GAMES, TOYS, AND SPORTING GOODS

Ser. No. 498,931. ROYAL ENGINEERING CO., San Francisco, Calif. Filed Aug. 4, 1947.

Royalbilt

FOR FISHING RODS, FISHING REELS, FISHING REEL SEATS, AND SAND SPIKES FOR FISHING RODS.
Claims use since Sept. 25, 1945, on fishing rods; since Nov. 3, 1945, on fishing reel seats; since Feb. 8, 1946, on fishing reels; and since Feb. 28, 1946, on sand spikes for fishing rods.

Ser. No. 527,509. GEORGE K. GARRETT COMPANY, INC., Philadelphia, Pa. Filed July 5, 1947.



FOR ROLLER SKATES, ICE SKATES, CONVERTIBLE ICE AND ROLLER SKATES, CHILDREN'S TOY WHEELED SCOOTERS AND SKIS.
Claims use since Feb. 25, 1946.

Ser. No. 527,845. GEORGE K. GARRETT COMPANY, INC., Philadelphia, Pa. Filed July 5, 1947.

Red Rascal

FOR ROLLER SKATES, ICE SKATES, CONVERTIBLE ICE AND ROLLER SKATES, CHILDREN'S TOY WHEELED SCOOTERS AND SKIS.
Claims use since Feb. 25, 1946.

Ser. No. 528,596. HENRY J. J. WHITECAVAGE, Kingston, Pa. Filed July 14, 1947.



The word "Inn" is disclaimed apart from the mark as shown.
FOR TOY HOUSES.
Claims use since June 23, 1947.

Ser. No. 529,079. THE MORTIMER NEWMAN COMPANY, also doing business as The Moneco Company, New Haven, Conn. Filed July 21, 1947.

RAZZLE DAZZLE

Applicant claims ownership of registration No. 357,859.
FOR FOOTBALLS, BASKETBALLS, BOXING GLOVES, FOOTBALL HELMETS, FOOTBALL SHOULDER PADS, PUNCHING BAGS, FOOTBALL PUMPS, BALL BLADDERS, SOCCER BALL, VOLLEY BALLS, BASKET BALL GOALS; BADMINTON RACKETS, TENNIS RACKETS, PLAYBALLS AND BEACH BALLS, TENNIS BALLS, SHUTTLECOCKS; BASEBALL GLOVES AND MITTS, BASEBALLS, SOFTBALLS, BASEBALL BATS, SOFTBALL BATS; SOFTBALL GLOVES, SOFTBALL MITTS, BASEBALL MASKS, SOFTBALL MASKS, AND MEDICINE BALLS.
Claims use since Feb. 16, 1938.

Ser. No. 529,080. THE MORTIMER NEWMAN COMPANY, also doing business as The Moneco Company, New Haven, Conn. Filed July 21, 1947.

YALE

Applicant claims ownership of registration No. 265,977.
FOR FOOTBALLS, BASKETBALLS, BOXING GLOVES, FOOTBALL HELMETS, FOOTBALL SHOULDER PADS, PUNCHING BAGS, FOOTBALL PUMPS, BALL BLADDERS, SOCCER BALL, VOLLEY BALLS, BASKET BALL GOALS; BADMINTON RACKETS, TENNIS RACKETS, PLAYBALLS AND BEACH BALLS, TENNIS BALLS, SHUTTLECOCKS; BASEBALL GLOVES AND MITTS, BASEBALLS, SOFTBALLS, BASEBALL BATS, SOFTBALL BATS; SOFTBALL GLOVES, SOFTBALL MITTS, BASEBALL MASKS, SOFTBALL MASKS, AND MEDICINE BALLS.
Claims use since April 1924.

Ser. No. 529,245. EXHIBIT SUPPLY COMPANY, Chicago, Ill. Filed July 23, 1947.

FIESTA

FOR COIN-CONTROLLED AMUSEMENT APPARATUS.
Claims use since May 26, 1947.

Ser. No. 529,247. EXHIBIT SUPPLY COMPANY, Chicago, Ill. Filed July 23, 1947.

SMOKY

FOR COIN-CONTROLLED AMUSEMENT APPARATUS.
Claims use since May 26, 1947.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Ser. No. 526,564. THE BLACK MANUFACTURING CO., Baltimore, Md. Filed July 5, 1947.

MUFF GUN

The word "Gun" is disclaimed.
FOR SPRAY GUN FOR HEAVY PAINTS.
Claims use since Feb. 24, 1947.

Ser. No. 528,436. THE ETNA MACHINE COMPANY, Toledo, Ohio. Filed July 12, 1947.

ETNA

FOR SWAGING MACHINES, CUT-OFF MACHINES, AND MACHINES FOR FORMING METALLIC STRIPS INTO TUBE FORM OR PARTIAL TUBE FORM.
Claims use since August 1901.

Ser. No. 528,605. ANCHOR HOCKING GLASS CORPORATION, Lancaster, Ohio. Filed July 15, 1947.

STERISEAL

FOR SEALING MACHINES FOR APPLYING CLOSURE CAPS TO GLASS CONTAINERS.
Claims use since 1945.

CLASS 24

LAUNDRY APPLIANCES AND MACHINES

Ser. No. 530,379. THE J. R. CLARK COMPANY, Spring Park, Minn. Filed Aug. 4, 1947.

HIGH BOY

The word "High" is disclaimed apart from the mark.
FOR CLOTHES DRYING RACKS.
Claims use since January 1925.

Ser. No. 533,145. THE COLEMAN COMPANY, INC., Wichita, Kans. Filed Sept. 3, 1947. Under section 2f of the act of 1946.

Coleman

Applicant claims ownership of registration No. 168,012.
FOR SELF-HEATING GASOLINE SAD-IRONS, AND PARTS THEREFOR.
Claims use since Mar. 1, 1922.

CLASS 25

LOCKS AND SAFES

Ser. No. 529,613. THE EAGLE LOCK COMPANY, Terryville, Conn. Filed July 26, 1947.

FOR TRUNK LOCKS, CABINET LOCKS, AND DOOR LOCKS.
Claims use since Nov. 20, 1906.

Ser. No. 530,387. DIEBOLD INCORPORATED, Canton, Ohio. Filed Aug. 4, 1947.

THERMATIC

FOR HEAT RESPONSIVE VAULT DOOR RELOCKING DEVICES.
Claims use since 1921.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Ser. No. 526,550. BABSON BROS. CO., Chicago, Ill. Filed July 5, 1947.

Surge

Applicant claims ownership of registration No. 409,666.
FOR VACUUM TESTING APPARATUS FOR DETERMINING FLOW CONDITIONS IN A VACUUM LINE.
Claims use since Sept. 2, 1943.

Ser. No. 528,954. ROCHESTER OPTICAL MFG. CO., INC., Rochester, N. Y. Filed July 19, 1947.

"SMARTY"

FOR SPECTACLE FRAMES.
Claims use since Feb. 15, 1947.

Ser. No. 529,259. GALTER PRODUCTS CO., Chicago, Ill. Filed July 23, 1947.

SUNBEAM

FOR CAMERAS.
Claims use since Mar. 10, 1937.

Ser. No. 529,339. ARGUS, INCORPORATED, Ann Arbor, Mich. Filed July 24, 1947.

LUMAR

FOR PHOTOGRAPHIC LENSES AND LENS ASSEMBLIES.
Claims use since Feb. 19, 1947.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Ser. No. 534,524. HY FRACKMAN, doing business as Alsan Manufacturing Company, New York, N. Y. Filed Sept. 15, 1947.

mAc

FOR FINGER RINGS.
Claims use since Aug. 1, 1947.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Ser. No. 529,221. AMERICAN ARTISTS' COLOR WORKS, INC., Brooklyn, N. Y. Filed July 23, 1947.

WHISTLER

FOR ARTISTS' BRUSHES.
Claims use since July 1, 1947.

CLASS 32

FURNITURE AND UPHOLSTERY

Ser. No. 527,833. TALON, INC., Meadville, Pa. Filed July 5, 1947.

TALON

Applicant claims ownership of registration No. 243,746.
FOR SLIP COVERS FOR FURNITURE.
Claims use since June 17, 1947.

Ser. No. 530,169. CLARIN MANUFACTURING COMPANY, Chicago, Ill. Filed Aug. 1, 1947.

Clarin

FOR FOLDING CHAIRS.
Claims use since Nov. 17, 1925.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Ser. No. 530,856. CHAS. A. SCHIEREN COMPANY, New York, N. Y. Filed Aug. 8, 1947.

DUXBAK

Applicant claims ownership of registrations Nos. 61,453, 103,680, 149,229, etc.
FOR LEATHER MACHINE BELTS.
Claims use since July 30, 1906.

Ser. No. 530,857. CHAS. A. SCHIEREN COMPANY, New York, N. Y. Filed Aug. 8, 1947.

DUXBAK

Applicant claims ownership of registrations Nos. 61,453, 103,680, and 149,229, etc.
FOR CUT BELT-LACING.
Claims use since 1907.

Ser. No. 532,390. CHICAGO BELTING COMPANY, Chicago, Ill. Filed Aug. 1, 1947. Under section 2f of the act of 1946.

WHITE STRIP

Applicant claims ownership of registration No. 137,000.
FOR LEATHER BELTING.
Claims use since 1910.

Ser. No. 532,607. THE KELLY-SPRINGFIELD TIRE COMPANY, Cumberland, Md. Filed Aug. 27, 1947.

DURA (KS) RIB

The word "Rib" is disclaimed.
FOR TIRES AND INNER TUBES THEREFOR.
Claims use since 1941.

Ser. No. 534,342. ROCKWELL MANUFACTURING COMPANY, Pittsburgh, Pa. Filed Sept. 12, 1947.



Applicant claims ownership of registrations Nos. 428,477, 428,478, and 428,699.
FOR PACKING FOR RODS SUBJECTED TO FLUID PRESSURE—NAMELY, FOR VALVE OPERATING STEMS, STUFFING BOXES, EXPANSION JOINTS, JOINTS, PISTON RODS, AND OPERATING RODS.
Claims use since Dec. 13, 1945.

Ser. No. 534,366. ROCKWELL MANUFACTURING COMPANY, Pittsburgh, Pa. Filed Sept. 12, 1947.



Applicant claims ownership of registrations Nos. 428,477, 428,478, and 428,699.
FOR PACKING FOR RODS SUBJECTED TO FLUID PRESSURE—NAMELY, FOR VALVE OPERATING STEMS, STUFFING BOXES, EXPANSION JOINTS, PISTON RODS, AND OPERATING RODS.
Claims use since Dec. 13, 1945.

CLASS 37

PAPER AND STATIONERY

Ser. No. 527,989. VALLEY PAPER COMPANY, Holyoke, Mass. Filed July 5, 1947.

STUDIO

FOR WRITING, TYPEWRITER, AND PRINTING PAPER.
Claims use since 1924.

Ser. No. 529,202. RITEPOINT CO., St. Louis, Mo. Filed July 22, 1947.

DEMURE

FOR MECHANICAL PENCILS.
Claims use since June 1, 1947.

Ser. No. 529,371. A. W. FABER-CASTELL PENCIL CO., INC., Newark, N. J. Filed July 24, 1947.

OMAR

FOR LEAD PENCILS, COLORED PENCILS, COPYING PENCILS, INK PENCILS, MECHANICAL PENCILS, RUBBER PENCILS, RUBBER ERASERS, PENHOLDERS, PENS, RUBBER BANDS, REFILL LEADS.
Claims use since Apr. 23, 1914.

Ser. No. 530,355. WESTERN TABLET & STATIONERY CORPORATION, Dayton, Ohio. Filed Aug. 2, 1947.

GENIUS

Applicant claims ownership of registration No. 71,099.
FOR LOOSE WRITING PAPER FOR SCHOOL OR OFFICE USE, PUT UP IN WRAPPED PACKAGES, BOXES, OR BANDED.
Claims use since Mar. 23, 1900.

Ser. No. 530,672. NILE PRODUCTS COMPANY, New York, N. Y. Filed Aug. 6, 1947.

PYRAMID

FOR GUMMED REINFORCEMENTS FOR EYELETS IN LOOSE-LEAF PAGES.
Claims use since June 11, 1947.

Ser. No. 542,732. S. D. WARREN COMPANY, Boston, Mass. Filed Oct. 22, 1947. Under section 2f of the act of 1946.

FILMKOTE

Applicant claims ownership of registration No. 368,527.
FOR BOOK PAPER.
Claims use since Apr. 13, 1938.

CLASS 38

PRINTS AND PUBLICATIONS

Ser. No. 496,342. THE STOCKMAN PUBLISHING COMPANY, Memphis, Tenn. Filed July 21, 1947. Under section 2f of the act of 1946.

Southern Stockman

FOR MONTHLY MAGAZINE.
Claims use since Mar. 1, 1941.

Ser. No. 499,832. ESQUIRE, INC., Chicago, Ill. Filed Aug. 28, 1947.

Coronet

FOR CALENDARS.
Claims use since December 1944.

Ser. No. 530,505. HILL-CLARKE MACHINERY COMPANY, Chicago, Ill. Filed Aug. 5, 1947.

THE GREEN LIST

Applicant claims ownership of registration No. 262,871.
FOR PERIODICAL PUBLICATION OF STOCK LISTINGS.
Claims use since Oct. 1, 1904.

Ser. No. 530,592. TOMPKINS' LABEL SERVICE, Philadelphia, Pa. Filed Aug. 5, 1947. Under section 2f of the act of 1946.

Cakepak
GREASE PROOF

No claim is made to the term "Grease Proof" apart from the mark as shown. Applicant claims ownership of registration No. 335,250.
FOR GREASE-PROOF PRINTED LABELS TO BE USED IN PACKING OR PACKAGING CAKES AND OTHER BAKERY PRODUCTS.
Claims use since Mar. 1, 1935.

Ser. No. 530,596. TOMPKINS' LABEL SERVICE, Philadelphia, Pa. Filed Aug. 5, 1947. Under section 2f of the act of 1946.

Candypak
GREASE PROOF

No claim is made to the term "Grease Proof" apart from the mark. Applicant claims ownership of registration No. 341,539.
FOR PRINTED GREASE-PROOF LABELS TO BE USED IN PACKING OR PACKAGING OF CANDY AND OTHER CANDY PRODUCTS.
Claims use since Mar. 1, 1935.

Ser. No. 532,859. THE NEW YORKER MAGAZINE, INC., New York, N. Y. Filed Aug. 29, 1947.

BRAVE NEW WORLD DEPARTMENT

No registerable rights are claimed for the word "Department" apart from the mark as a whole.
FOR MAGAZINE COLUMN.
Claims use since Oct. 7, 1944.

CLASS 39
CLOTHING

Ser. No. 485,984. AUBURN RUBBER CORPORATION, Auburn, Ind. Filed Sept. 17, 1947.

ARCO

FOR SHOE SOLES, HALF SOLES, HEELS, AND HEEL LIFTS.
Claims use since Jan. 1, 1923.

Ser. No. 503,160. GENERAL SHOE CORPORATION, Nashville, Tenn. Filed Aug. 2, 1947. Under section 2f of the act of 1946.

Barrett

FOR WOMEN'S, MISSES', AND CHILDREN'S SHOES, SLIPPERS, MULES, AND PUMPS OF LEATHER, FABRIC, RUBBER, AND CLOTH AND COMBINATIONS THEREOF, GAITERS, OVERSHOES, WOODEN SHOWER CLOGS.
Claims use since September 1938.

Ser. No. 514,872. YUNKER MANUFACTURING CO., INC., Point Pleasant, W. Va. Filed Sept. 19, 1947.



The word "Togs" is disclaimed. The figures represented in the drawing are fanciful.
FOR CHILDREN'S PLAY TOGS—NAMELY, CHILDREN'S OVERALLS AND CHILDREN'S SUITS.
Claims use since November 1946.

Ser. No. 515,235. RICHARD J. POTVIN, doing business as R. J. Potvin Shoe Company, Brockton, Mass. Filed Sept. 17, 1947.

PLAY-PEN

No registration rights are claimed for the word "Play" apart from the mark as shown.
FOR MOCCASINS AND SHOES FOR CHILDREN.
Claims use since Oct. 15, 1946.

Ser. No. 515,374. FASHION FORM MFG. CORPORATION, White Plains, N. Y. Filed Sept. 9, 1947.

FFM

FOR GARTER BELTS AND MATERNITY SUSPENDER GARTERS.
Claims use since March 1943.

Ser. No. 527,126. GOTHAM HOSIERY COMPANY, INC., New York, N. Y. Filed July 5, 1947.

FRIV-O-LACE

Applicant disclaims the exclusive right to the use of the word "Lace."
FOR HOSIERY.
Claims use since June 13, 1947.

Ser. No. 527,481. ROTHMOOR CORPORATION, Chicago, Ill. Filed July 5, 1947. Under section 2f of the act of 1946.

ROTHMOOR

Applicant claims ownership of registrations Nos. 222,152, 236,857, 384,948, and 397,531.
FOR LADIES' COATS AND SUITS.
Claims use since July 1, 1926.

Ser. No. 527,933. TALON, INC., Meadville, Pa. Filed July 5, 1947.

TALON

Applicant claims ownership of registrations Nos. 243,746 and 273,995.
FOR MEN'S AND BOYS' SWIMMING TRUNKS; BOOTS; MEN'S AND WOMEN'S SHOES; MEN'S AND BOYS' UNDERWEAR; COVERALLS; MEN'S DRESS AND WORK SHIRTS; RIDING BREECHES; MEN'S AND BOYS' JACKETS; BABY BUNTINGS; CHILDREN'S UNDERWEAR; MEN'S AND BOYS' TROUSERS; MEN'S AND BOYS' PAJAMAS; MEN'S AND BOYS' SWEATERS; WOMEN'S DRESSES AND SUITS; WOMEN'S SKIRTS; WOMEN'S HOUSECOATS; WOMEN'S GIRDLES AND CORSETS; MEN'S RAINCOATS; CHILDREN'S AND WOMEN'S SLIPPERS; CHILDREN'S SLEEPERS; BRASSIÈRES; CHILDREN'S SNOW SUITS;; MEN'S AND BOYS' SLIPPERS; AND WOMEN'S PLAY SUITS.
Claims use since Sept. 28, 1929.

Ser. No. 528,270. E. J. GIVREN SHOE CO., INC., Rockland, Mass. Filed July 10, 1947.



Applicant disclaims the words "Air Conditioned Shoes" and the words "Like Walking On Air."
FOR SHOES OF LEATHER, FABRIC, RUBBER, OR COMBINATIONS THEREOF.
Claims use since July 1939.

Ser. No. 529,009. GOOD LUCK GLOVE COMPANY, Carbondale, Ill. Filed July 21, 1947.

"ARCTIC"

FOR FABRIC WORK GLOVES.
Claims use since August 1932.

Ser. No. 529,012. GOOD LUCK GLOVE COMPANY, Carbondale, Ill. Filed July 21, 1947.

"LEOPARD"

FOR FABRIC WORK GLOVES.
Claims use since August 1932.

Ser. No. 529,026. GOOD LUCK GLOVE COMPANY, Carbondale, Ill. Filed July 21, 1947.

"STOCKY"

FOR FABRIC WORK GLOVES.
Claims use since August 1932.

Ser. No. 529,279. LIONDALE SHIRT COMPANY, New York, N. Y. Filed July 23, 1947.

LIONDALE

Applicant claims ownership of registrations Nos. 128,110 and 294,709.
FOR MEN'S AND BOYS' DRESS SHIRTS, NEGLIGEE SHIRTS, AND SPORT SHIRTS.
Claims use since May 1919.

Ser. No. 529,501. STIX, BAER & FULLER CO., St. Louis, Mo. Filed July 25, 1947.

ROYSTON-JR.

The word "Jr." is disclaimed apart from the mark as shown and used. Applicant claims ownership of registration No. 242,820.
FOR MEN'S AND BOYS' WEARING APPAREL—NAMELY, SUITS, TOPCOATS, OVERCOATS, FELT AND STRAW HATS, CAPS; KID, LEATHER, SILK, WOOL, AND COTTON GLOVES; HOSIERY; SHOES AND OVERSHOES OF LEATHER, RUBBER, FABRIC, AND COMBINATIONS THEREOF; DRESS, NEGLIGEE, AND WORK SHIRTS; NECKTIES, SCARFS, AND CRAVATS; ROBES AND SMOKING JACKETS, PAJAMAS; AND UNDERWEAR COMPRISING DRAWERS, SHIRTS, AND UNION SUITS OF BOTH TEXTILE AND KNIT MATERIAL.
Claims use since Mar. 31, 1925.

Ser. No. 529,502. STIX, BAER & FULLER CO., St. Louis, Mo. Filed July 25, 1947.

ROYSTON-HI

The word "Hi" is disclaimed apart from the mark as shown and used. Applicant claims ownership of registration No. 242,820.
FOR MEN'S AND BOYS' WEARING APPAREL—NAMELY, SUITS, TOPCOATS, OVERCOATS, FELT AND STRAW HATS, CAPS; KID, LEATHER, SILK, WOOL, AND COTTON GLOVES; HOSIERY; SHOES AND OVERSHOES OF LEATHER, RUBBER, FABRIC, AND COMBINATIONS THEREOF; DRESS, NEGLIGEE, AND WORK SHIRTS; NECKTIES, SCARFS, AND CRAVATS; ROBES AND SMOKING JACKETS, PAJAMAS; AND UNDERWEAR COMPRISING DRAWERS, SHIRTS, AND UNION SUITS OF BOTH TEXTILE AND KNIT MATERIAL.
Claims use since Mar. 31, 1925.

Ser. No. 529,659. KNOTHE BROTHERS CO. INC., New York, N. Y. Filed July 26, 1947.

EXPANSO

The drawing is lined for shading purposes only. Applicant claims ownership of registrations Nos. 357,542 and 411,128.
FOR MEN'S AND BOYS' SUSPENDERS AND GARTERS.
Claims use since Dec. 17, 1937, as to "Expanso"; and since April 1943 in its present form.

Ser. No. 529,712. C. B. SHANE CORPORATION, Chicago, Ill. Filed July 26, 1947.

HEATHER DOWN

No registration rights are claimed to the word "Heather" apart from the mark. Applicant claims ownership of registration No. 258,963.
FOR OVERCOATS AND TOPCOATS FOR MEN AND WOMEN.
Claims use since Feb. 1, 1929.

Ser. No. 530,778. STANDARD ROMPER CO., INC., New York, N. Y. Filed Aug. 7, 1947.

STANTOGS

Applicant claims ownership of registration No. 294,103.
FOR BOYS' SUITS, CREEPERS, ROMPERS, PLAY SUITS, OVERALLS, AND CHILDREN'S DRESSES.
Claims use since Jan. 2, 1932.

Ser. No. 531,960. TRUSETTE OF CALIFORNIA, Los Angeles, Calif. Filed Aug. 20, 1947.

Trusette OF CALIFORNIA

The words "of California" are disclaimed.
FOR LADIES' NIGHTGOWNS, PAJAMAS, SLIPS, PETTICOATS, PANTIES, AND HOUSECOATS.
Claims use since Jan. 2, 1947.

Ser. No. 539,588. NOLA ZADA, doing business under the name Madame Nola Zada, Beverly Hills, Calif. Filed Oct. 30, 1947.

Nola Zada

The trade-mark consists of the facsimile signature of the applicant.
FOR CUSTOM-MADE CLOTHES FOR WOMEN—NAMELY, DRESSES, SUITS, AND COATS.
Claims use since Aug. 2, 1930.

Ser. No. 539,693. FUHRMAN & LEVITT, INC., Philadelphia, Pa. Filed Oct. 31, 1947.

"Misselle"

FOR CHILDREN'S DRESSES.
Claims use since Oct. 6, 1947.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Ser. No. 536,858. WILLIAM PRYM, INC., Dayville and Killingly, Conn. Filed Oct. 4, 1947.

PRIM

FOR GLASS HEADED PINS.
Claims use since Sept. 4, 1947.

CLASS 43

THREAD AND YARN

Ser. No. 515,493. FLAX PROCESSING AND LINEN COMPANY, Greystone, R. I. Filed Sept. 12, 1947.

Northern Cross

FOR LINEN YARN.
Claims use since Dec. 6, 1946.

Ser. No. 530,734. HILLSBORO HOSIERY MILLS, INC., Hillsboro, N. H. Filed Aug. 7, 1947. Under section 2f of the act of 1946.

CONTOOCOOK MILLS

Applicant disclaims the word "Mills" apart from the mark shown. Applicant claims ownership of registration No. 410,316.
FOR YARN.
Claims use since 1895.

Ser. No. 530,961. SAUL ROSEN, doing business as, United Yarn Products Company, Paterson, N. J. Filed Aug. 9, 1947.

Magic-Spun

Applicant disclaims the word "Spun" apart from its use in the mark shown.
FOR RAYON YARNS, SPUN RAYON YARNS AND ALL TYPES OF SYNTHETIC YARNS, AS WELL AS BLENDS THEREOF.
Claim suse since May 1, 1945.

Ser. No. 531,277. WOOL NOVELTY CO., INC., New York, N. Y. Filed Aug. 13, 1947.

POLAR

BEADYON

The word "Beadyon" is disclaimed apart from the mark. Applicant claims ownership of registration No. 325,511.
FOR PLASTIC YARN.
Claims use since May 2, 1947.

Ser. No. 531,278. WOOL NOVELTY CO., INC., New York, N. Y. Aug. 13, 1947.

WNC

B•D•YON

No claim is made to the word "Yon" apart from the mark as shown. Applicant claims ownership of registration No. 400,321.
FOR PLASTIC YARN.
Claims use since May 2, 1947.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Ser. No. 529,955. ARMSTRONG CORK COMPANY, Manheim Township, Lancaster County, Pa. Filed July 30, 1947.

PHENIX

FOR NURSING BOTTLES.
Claims use since June 1941.

Ser. No. 536,209. WYETH INCORPORATED, Philadelphia, Pa. Filed Nov. 21, 1947.

JETOMIZER

Applicant claims ownership of registration No. 420,391.
FOR NASAL APPLICATOR.
Claims use since July 3, 1945.

Ser. No. 536,641. JULIUS SCHMID, INC., New York, N. Y. Filed Oct. 3, 1947.

CADETS

Applicant claims ownership of registrations Nos. 286,032 and 371,561.
FOR PROPHYLACTIC RUBBER AND MEMBRANOUS ARTICLES FOR THE PREVENTION OF CONTAGIOUS DISEASES.
Claims use since Nov. 1, 1930.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Ser. No. 528,275. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed July 10, 1947.

A&P

Applicant claims ownership of registration No. 199,975.
FOR GRAPE JUICE.
Claims use since September 1919.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Ser. No. 527,375. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed July 5, 1947.

NECTAR

Applicant claims ownership of registrations Nos. 132,396 and 258,480.
FOR TEA.
Claims use since May 1927.

Ser. No. 527,477. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed July 5, 1947.

Iona

The drawing is lined for shading only. Applicant claims ownership of registrations Nos. 140,393, 140,394, 279,559, and 319,630.

FOR ALL PURPOSE WHEAT FLOUR KNOWN AS FAMILY FLOUR, PHOSPHATED WHEAT FLOUR AND SELF RISING FLOUR.
Claims use since Dec. 16, 1921.

Ser. No. 528,169. ALLIED MILLS, INC., Chicago, Ill. Filed July 9, 1947.

AMCO

Applicant claims ownership of registration No. 184,176.
FOR STOCK FEEDS—NAMELY, FEEDS FOR CATTLE, HORSES, SHEEP, RABBITS, GOATS AND HOGS, COMPOSED PRINCIPALLY OF GRAINS, AND PROTEIN SUPPLEMENTS AND CONCENTRATES FOR USE WITH STOCK GRAIN FEEDS; POULTRY FEEDS—NAMELY, PROTEIN SUPPLEMENTS AND CONCENTRATES, MASHES AND SCRATCH GRAINS FOR CHICKENS, PIGEONS AND TURKEYS; WILD BIRD FEED; DOG FOOD; AND FOOD FOR FUR BEARING ANIMALS—NAMELY, FOX AND MINK.
Claims use since 1931 on rabbit and dog food; and since 1912 on all other products.

Ser. No. 528,172. ALLIED MILLS, INC., Chicago, Ill. Filed July 9, 1947.

SUGARINE

The mark comprises the word "Sugarine." Applicant claims ownership of registration No. 407,794.
FOR DAIRY FEED.
Claims use since Jan. 1, 1922.

Ser. No. 530,939. CHAS. A. KRAUSE MILLING CO., Milwaukee, Wis. Filed Aug. 9, 1947.

BADGER

FOR HOMINY FEED FOR LIVESTOCK.
Claims use since Sept. 20, 1907.

Ser. No. 531,845. RHODES BROS. FARM, Clarence Center, N. Y. Filed Aug. 19, 1947.

Ransom Valley

FOR LIVE AND DRESSED POULTRY—NAMELY, TURKEYS, DUCKS, AND CHICKENS.
Claims use since Sept. 17, 1946.

Ser. No. 532,010. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed Aug. 21, 1947.

ROUND TRIP

Applicant claims ownership of registration No. 318,129.
FOR CANDY.
Claims use since June 6, 1934.

Ser. No. 532,012. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed Aug. 21, 1947.

Yukon Club

Applicant claims ownership of registration No. 307,957.
FOR ICE CREAM.
Claims use since May 25, 1932.

Ser. No. 532,013. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed Aug. 21, 1947.

Carnival

Applicant claims ownership of registration No. 170,754.
FOR CHOCOLATES.
Claims use since Dec. 1, 1922.

Ser. No. 532,014. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed Aug. 21, 1947.

YANKEE

Applicant claims ownership of registration No. 335,787.
FOR CANNED BAKED BEANS.
Claims use since Oct. 23, 1935.

Ser. No. 532,016. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed Aug. 21, 1947.



Applicant claims ownership of registration No. 318,128.
FOR CANDY.
Claims use since Dec. 5, 1933.

Ser. No. 532,219. C. M. GIFFORD & SONS, San Diego, Calif. Filed Aug. 23, 1947.

BERYL

Applicant claims ownership of registration No. 268,001.
FOR CANED OLIVES.
Claims use since Sept. 24, 1929.

Ser. No. 532,997. BATON ROUGE RICE MILLS, INC., Baton Rouge, La. Filed Sept. 2, 1947.

Delta Chief

Applicant claims ownership of registrations Nos. 348,238, 424,446, and 424,447.
FOR RICE.
Claims use since Sept. 23, 1939.

CLASS 49

DISTILLED ALCOHOLIC LIQUORS

Ser. No. 526,593. OLD HICKORY DISTILLING CORPORATION, Philadelphia, Pa. Filed July 5, 1947.

DIPLOMAT

Applicant claims ownership of registration No. 312,077.
FOR DISTILLED POTABLE ALCOHOLIC BEVERAGES—NAMELY, WHISKEY.
Claims use since Nov. 17, 1933.

Ser. No. 526,595. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa. Filed July 5, 1947.

CHARTER OAK

Applicant claims ownership of registration No. 311,038.
FOR DISTILLED POTABLE ALCOHOLIC BEVERAGES—NAMELY, WHISKEY.
Claims use since Nov. 17, 1933.

Ser. No. 526,599. COBBS DISTILLING CORPORATION, Philadelphia, Pa. Filed July 5, 1947.

COBBS

Applicant claims ownership of registrations Nos. 321,214 and 408,453.
FOR DISTILLED POTABLE ALCOHOLIC BEVERAGES—NAMELY, WHISKEY.
Claims use since Sept. 7, 1934.

Ser. No. 526,638. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa. Filed July 5, 1947.



DIXIE BELLE

Applicant claims ownership of registration No. 310,075.
FOR DISTILLED POTABLE ALCOHOLIC BEVERAGES—NAMELY, GIN.
Claims use since Sept. 13, 1933.

Ser. No. 526,639. OAK GROVE DISTILLED PRODUCTS INC., Philadelphia, Pa. Filed July 5, 1947.

Oak Grove

Applicant claims ownership of registration No. 321,509.
FOR DISTILLED POTABLE ALCOHOLIC BEVERAGES—NAMELY, WHISKEY.
Claims use since Oct. 6, 1934.

CLASS 55

SERVICES

Ser. No. 528,241. ACE LEATHER GOODS REPAIR SERVICE, Chicago, Ill. Filed July 10, 1947.



The word "Craft" is disclaimed apart from the mark.
FOR REPAIRING, RELINING, AND REFINISHING OF LEATHER GOODS—NAMELY, TRUNKS, LUGGAGE, TRAVELING BAGS, BRIEF CASES, LEATHER JACKETS, AND HAND BAGS.
Claims use since May 1, 1945.

Ser. No. 528,879. MICHIGAN FIRE AND MARINE INSURANCE COMPANY, Springfield, Mass. Filed July 18, 1947.



The date "1880" is disclaimed apart from the mark.
The drawing is lined for shading purposes only.
FOR WRITING OF FIRE AND MARINE INSURANCE.
Claims use since March 1942.

Ser. No. 528,892. SPRINGFIELD FIRE AND MARINE INSURANCE COMPANY, Springfield, Mass. Filed July 18, 1947.



FOR WRITING OF FIRE INSURANCE.
Claims use since 1926.

Ser. No. 528,982. BANK OF AMERICA NATIONAL TRUST AND SAVINGS ASSOCIATION, San Francisco, Calif. Filed July 21, 1947.

lineplan

Applicant claims ownership of registration No. 353,186.
FOR CREDIT FINANCING SERVICES.
Claims use since June 12, 1936.

TRADE-MARK REGISTRATIONS GRANTED

ACT OF 1905

APRIL 27, 1948

438,495. DRESSED DOLLS. NANCY ANN DRESSED DOLLS, San Francisco, Calif., assignor to Nancy Ann Storybook Dolls, Inc., San Francisco, Calif., a corporation of California.
Filed June 19, 1945. Serial No. 484,754. PUBLISHED FEBRUARY 4, 1947. Class 22.

438,496. DRESSED DOLLS. NANCY ANN DRESSED DOLLS, San Francisco, Calif., assignor to Nancy Ann Storybook Dolls, Inc., San Francisco, Calif., a corporation of California.
Filed June 19, 1945. Serial No. 484,755. PUBLISHED FEBRUARY 11, 1947. Class 22.

438,497. TOILET COMPACTS AND ROUGE BOXES MADE OF BASE METALS, PLASTIC MATERIALS, PAPER AND WOOD AND COMBINATIONS OF THE SAME SOLD IN TRADE WITHOUT COSMETICS. LIBETH ABARBANEL, doing business as Abarbanel, New York, N. Y.
Filed September 7, 1945. Serial No. 488,068. PUBLISHED JANUARY 20, 1948. Class 2.

438,498. BUBBLE BATH PREPARATION, BATH CRYSTALS, BATH OILS, BATH POWDER IN MITTS AND BOXES, DEODORANT POWDER IN MITTS, ETC. JOHN N. MCMATH CO., also doing business as Lloyd-Sargent Co., New Rochelle, N. Y.
Filed January 12, 1946. Serial No. 494,694. PUBLISHED AUGUST 13, 1946. Class 6.

438,499. BUBBLE BATH, HAND LOTION, COLOGNE, HAIR SHAMPOO, POWDER MITT IMPREGNATED WITH POWDER FOR AFTER-BATH USE. PARFAIT, INCORPORATED, Chicago, Ill.
Filed January 19, 1946. Serial No. 495,092. PUBLISHED DECEMBER 17, 1946. Class 6.

438,500. FISH LURES. ROBERT W. BERRY, doing business as Berry-Lebeck Mfg. Co., California, Mo.
Filed January 25, 1946. Serial No. 495,359. PUBLISHED OCTOBER 1, 1946. Class 22.

438,501. STUFFED TOY DOGS. GRAMERCY TOY CO., New York, N. Y.
Filed March 6, 1946. Serial No. 497,711. PUBLISHED JANUARY 20, 1948. Class 22.

438,502. DISINFECTANT. HARRY SHAPIRO, doing business as Chemical Specialties Company, New York, N. Y.
Filed March 9, 1946. Serial No. 497,975. PUBLISHED AUGUST 19, 1947. Class 6.

438,503. CHEMICAL PREPARATIONS FOR EXTERMINATING WEEDS. AMERICAN CHEMICAL PAINT COMPANY, Ambler, Pa.
Filed April 4, 1946. Serial No. 499,601. PUBLISHED APRIL 1, 1947. Class 6.

438,504. CHILE POWDER, CHILE PEPPERS, AND PACKAGED GARLIC. MEXICAN CHILE SUPPLY COMPANY, Fort Worth, Tex.
Filed May 28, 1946. Serial No. 502,910. PUBLISHED JANUARY 6, 1948. Class 46.

438,505. COLOGNE. KAY DAUMIT, INC., Chicago, Ill., assignor to Barbara Gould, Inc., New York, N. Y., a corporation of New York.
Filed June 15, 1946. Serial No. 503,973. PUBLISHED FEBRUARY 3, 1948. Class 6.

438,506. HAT BOXES, SHOE BOXES, GLOVE BOXES, HANDKERCHIEF BOXES, BLANKET BOXES, SUIT BOXES, FUR BOXES, LINGERIE BOXES, TISSUE BOXES, POWDER BOXES, HOSE BOXES, TRINKET BOXES, UTILITY BOXES, FLOWER BOXES, COLLAR BOXES, SEWING AND KNITTING BOXES, AND SERVING AND COSMETIC TRAYS, ALL MADE OF PLASTIC MATERIAL. DURANOL PRODUCTS, INC., Brooklyn, N. Y.
Filed June 18, 1946. Serial No. 504,100. PUBLISHED OCTOBER 7, 1947. Class 2.

438,507. CAMELBACK. THE GATES RUBBER COMPANY, Denver, Colo.
Filed June 20, 1946. Serial No. 504,266. PUBLISHED JANUARY 27, 1948. Class 35.

438,508. VEGETABLE DECOLORIZING CARBON. N. V. PURIT MAATSCHAPPIJ TER VERVAARDIGING VAN PLANTAARDIGE ONTKLEURINGSKOOL, "PURIT," Amsterdam, Netherlands.
Filed July 16, 1946. Serial No. 505,711. PUBLISHED FEBRUARY 3, 1948. Class 6.

438,509. FACIAL NIGHT CREAM. ANATOLE ROBBINS, INC., Los Angeles and Hollywood, Calif.
Filed July 18, 1946. Serial No. 505,858. PUBLISHED JANUARY 27, 1948. Class 6.

438,510. STEEL UTILITY CANS AND STANDARD STEEL CASES. PAR-METAL PRODUCTS CORP., New York and Long Island City, N. Y.
Filed August 9, 1946. Serial No. 507,140. PUBLISHED FEBRUARY 3, 1948. Class 2.

438,511. PLASTIC BOUNCING PLAY BALLS. TRI-STATE PLASTIC MOLDING COMPANY, Henderson, Ky.
Filed August 13, 1946. Serial No. 507,352. PUBLISHED JANUARY 20, 1948. Class 22.

438,512. MEDICINAL PREPARATION USED IN THE TREATMENT OF DISEASES OF DOGS—NAMELY, SARCOPTIC MANGE, PARASITIC SKIN INFECTIONS, SCRATCHES, CUTS, WOUNDS, AND THE CONTROL OF LICE, FLEAS, AND EAR MITES; THE MEDICINAL PREPARATION IS ALSO USED FOR A SKIN AND COAT DRESSING FOR ANIMALS OF VARIOUS TYPES. PEERLESS LABORATORIES, Dallas, Tex.
Filed August 27, 1946. Serial No. 508,123. PUBLISHED FEBRUARY 3, 1948. Class 6.

438,513. FLAT POWER TRANSMISSION BELTS MADE PRINCIPALLY OF RUBBER OR RUBBER-LIKE MATERIAL. THE GATES RUBBER COMPANY, Denver, Colo.
Filed August 28, 1946. Serial No. 508,154. PUBLISHED FEBRUARY 3, 1948. Class 35.

438,514. PENICILLIN PRODUCT FOR THE TREATMENT OF VAGINAL INFECTIONS. MARLO LAB., INC., Philadelphia, Pa.
Filed August 30, 1946. Serial No. 508,299. PUBLISHED DECEMBER 9, 1947. Class 6.

438,515. WINES. INGLENOOK VINEYARD CO., Rutherford, Calif., assignor to Buena Vista Vineyards, Sonoma, Calif., a copartnership composed of Frank H. Bartholomew and Antonia P. Bartholomew.
Filed September 5, 1946. Serial No. 508,530. PUBLISHED JANUARY 27, 1948. Class 47.

438,516. FINISHED METAL CASTINGS MADE BY PRECISION CASTING METHODS. STAINLESS CAVITY CORP., Leominster, Mass.
Filed September 11, 1946. Serial No. 509,122. PUBLISHED JANUARY 27, 1948. Class 14.

438,517. FOLDING PAPER BOXES. PACKAGING CORPORATION OF AMERICA, Chicago, Ill.
Filed October 3, 1946. Serial No. 510,194. PUBLISHED JANUARY 14, 1947. Class 2.

438,518. PANORAMA VIEWING BOX CONSTITUTING AN EDUCATIONAL CONSTRUCTION TOY, ETC. LIA V. VARELL, New York, N. Y.
Filed October 9, 1946. Serial No. 510,553. PUBLISHED JANUARY 20, 1948. Class 22.

438,519. GUN RECOIL PADS, GUN BUTT EXTENSION SPACERS AND GUN BUTT PLATES. MERSHON CO., INC., Glendale, Calif.
Filed October 12, 1946. Serial No. 510,790. PUBLISHED JANUARY 27, 1948. Class 9.

438,520. CLOTHESPINS. MODERN PLASTIC CO., Los Angeles, Calif.
Filed October 30, 1946. Serial No. 511,753. PUBLISHED FEBRUARY 3, 1948. Class 24.

438,521. FEED SUPPLEMENT COMPOSED OF EIGHTY PER CENT MILK PRODUCTS AND THEIR BY-PRODUCTS. KRAFT FOODS COMPANY, Chicago, Ill.
Filed November 6, 1946. Serial No. 512,124. PUBLISHED JANUARY 6, 1948. Class 46.

438,522. PREPARATION IN TABLET FORM USED FOR RELIEF FROM RADIATION SICKNESS, FOR THE NAUSEA AND VOMITING OF PREGNANCY, DERMATOLOGIC CONDITIONS AND FOR THE TREATMENT OF PELLAGRA AND BERIBERI. LANTEEN MEDICAL LABORATORIES, INC., Chicago, Ill.
Filed November 13, 1946. Serial No. 512,513. PUBLISHED JULY 22, 1947. Class 6.

438,523. PEANUT BUTTER. CREAM DOVE MFG. CO. INC., Binghamton, N. Y.
Filed November 14, 1946. Serial No. 512,580. PUBLISHED JANUARY 6, 1948. Class 46.

438,524. FROZEN DRESSED RABBIT. JAFFRAY FOOD PRODUCTS CO., Los Angeles, Calif.
Filed November 15, 1946. Serial No. 512,672. PUBLISHED JANUARY 13, 1948. Class 46.

438,525. CORN STARCH, VANILLA PUDDING, RASPBERRY GELATINE, TABLE SYRUP, AND COFFEE. BLUE RIBBON PRODUCTS COMPANY, San Francisco, Calif.
Filed November 22, 1946. Serial No. 513,021. PUBLISHED DECEMBER 16, 1947. Class 46.

438,526. KNEE PADS AND ELBOW PADS FOR FOOTBALL, BASKETBALL, AND OTHER SPORTS. THE JUNG ARCH BRACE CO., Cincinnati, Ohio.
Filed December 3, 1946. Serial No. 513,623. PUBLISHED SEPTEMBER 30, 1947. Class 22.

438,527. DRIED FRUITS AND VEGETABLES. RALPH FORREY, doing business as Omak Evaporating Company, Omak, Wash.
Filed December 4, 1946. Serial No. 513,658. PUBLISHED JANUARY 6, 1948. Class 46.

438,528. CANNED SPAGHETTI. J. BOMMARITO & SONS, St. Louis, Mo.
Filed December 11, 1946. Serial No. 514,001. PUBLISHED DECEMBER 16, 1947. Class 46.

438,529. PERFUMES, EAUX DE COLOGNE, AND TOILET WATER. SOCIÉTÉ DES PARFUMS RONSARD, Paris, France.
Filed December 11, 1946. Serial No. 514,070. PUBLISHED JANUARY 27, 1948. Class 6.

438,530. CANNED VEGETABLES—NAMELY, ASPARAGUS. L. C. GROVER, doing business as Chaver Trading Company, San Francisco, Calif.
Filed December 23, 1946. Serial No. 514,705. PUBLISHED DECEMBER 16, 1947. Class 46.

438,531. BREAKFAST CEREAL AND COWFEED. MALTEX COMPANY, Burlington, Vt.
Filed December 23, 1946. Serial No. 514,712. PUBLISHED JANUARY 13, 1948. Class 46.

438,532. POULTRY MIXTURE FOR THE PREVENTION OF PARASITES SUCH AS WORMS, MITES, BLUE BUGS, STICK-TIGHT FLEAS, AND LICE AND WORM AND INSECT EXTERMINATOR FOR POULTRY AND LIVESTOCK. J. J. LADNER, Poplarville, Miss.
Filed December 26, 1946. Serial No. 514,824. PUBLISHED FEBRUARY 3, 1948. Class 6.

438,533. WINES. COMMERCIAL EXPANSION CORP. OF U. S., New York, N. Y., assignor to Hugo Loewenthal, New York, N. Y.
Filed December 28, 1946. Serial No. 514,936. PUBLISHED JANUARY 20, 1948. Class 47.

438,534. BREAKFAST CEREAL. MALTEX COMPANY, Burlington, Vt.
Filed January 9, 1947. Serial No. 515,502. PUBLISHED JANUARY 13, 1948. Class 46.

438,535. SYPHON BOTTLES. KNAPP-MONARCH COMPANY, St. Louis, Mo.
Filed January 15, 1947. Serial No. 515,769. PUBLISHED JANUARY 20, 1948. Class 2.

438,536. FOOD FOR CATS AND DOGS. ALBERT A. ESAICK, St. Petersburg, Fla.
Filed January 17, 1947. Serial No. 515,870. PUBLISHED JANUARY 6, 1948. Class 46.

438,537. SHAMPOO, HAIR LACQUER, AND CREAM RINSE. LA MAUR PRODUCTS, INC., Minneapolis, Minn.
Filed January 27, 1947. Serial No. 516,422. PUBLISHED DECEMBER 23, 1947. Class 6.

438,538. BAKING SODA (BICARBONATE OF SODA) FOR USE AS AN INGREDIENT IN THE PREPARATION OF FOODS. CHURCH & DWIGHT CO. INC., New York, N. Y.
Filed February 18, 1947. Serial No. 517,704. PUBLISHED DECEMBER 16, 1947. Class 46.

438,539. TYPEWRITER RIBBONS. AMES SUPPLY COMPANY, Chicago, Ill.
Filed March 18, 1947. Serial No. 519,159. PUBLISHED JANUARY 27, 1948. Class 11.

438,540. DOG FOOD. SECURITY MILLS, INC., Knoxville, Tenn.
Filed March 18, 1947. Serial No. 519,224. PUBLISHED OCTOBER 14, 1947. Class 46.

438,541. FRICTION MATERIALS—NAMELY, BRAKE LININGS AND CLUTCH FACINGS. RAYBESTOS-MANHATTAN, INC., Passaic, N. J.
Filed March 27, 1947. Serial No. 519,695. PUBLISHED JANUARY 20, 1948. Class 35.

438,542. CHEESE. CARAVETTA FOODS CO., Chicago, Ill.
Filed April 11, 1947. Serial No. 520,496. PUBLISHED JANUARY 6, 1948. Class 46.

438,543. TABLE SYRUP. SOUTHERN SAUCES, INC., New Orleans, La.
Filed April 15, 1947. Serial No. 520,773. PUBLISHED DECEMBER 30, 1947. Class 46.

438,544. ALGIN-EMULSIFIER COMPOSITION POSSESSING STABILIZING, EMULSIFYING, BODYING, SUSPENDING AND WATER-HOLDING PROPERTIES IN DAIRY PRODUCTS SUCH AS ICE CREAM, SHERBETS, CHOCOLATE MILK AND CHEESE AND OTHER FOOD USES. KELCO COMPANY, San Diego, Calif.
Filed April 28, 1947. Serial No. 522,221. PUBLISHED DECEMBER 30, 1947. Class 46.

438,545. CIGARETTES AND SMOKING TOBACCO. LANE, LIMITED, New York, N. Y.
Filed May 16, 1947. Serial No. 522,541. PUBLISHED FEBRUARY 3, 1948. Class 17.

438,546. SMOKING TOBACCO AND CIGARETTES. LANE, LIMITED, New York, N. Y.
Filed May 16, 1947. Serial No. 522,542. PUBLISHED FEBRUARY 3, 1948. Class 17.

438,547. NON-ALCOHOLIC MALTLESS BEVERAGE SOLD AS A SOFT DRINK. DEW BEVERAGE COMPANY, INC., Kansas City, Mo.
Filed May 19, 1947. Serial No. 522,625. PUBLISHED JANUARY 27, 1948. Class 45.

438,548. GIN. MARTELL'S WINE & LIQUOR CO., INC., New York, N. Y.
Filed May 23, 1947. Serial No. 522,934. PUBLISHED JANUARY 27, 1948. Class 49.

438,549. NON-ALCOHOLIC MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SYRUPS AND EXTRACTS FOR MAKING THE SAME. ALL AMERICAN DRINKS CORP., New York, N. Y.
Filed May 24, 1947. Serial No. 523,000. PUBLISHED JANUARY 20, 1948. Class 45.

438,550. FRESH VEGETABLES. VALLEY PRODUCE DISTRIBUTORS, Phoenix, Ariz.
Filed May 27, 1947. Serial No. 523,117. PUBLISHED DECEMBER 2, 1947. Class 46.

438,551. POPCORN SEASONING. THE HUMKO COMPANY, Memphis, Tenn.
Filed June 2, 1947. Serial No. 523,385. PUBLISHED DECEMBER 2, 1947. Class 46.

438,552. FRESH VEGETABLES. G. G. FLETCHER & SONS, Yuma, Ariz.
Filed June 9, 1947. Serial No. 523,833. PUBLISHED JANUARY 13, 1948. Class 46.

438,553. ALLOY STEEL. THE NITRALLOY CORPORATION, Wilmington, Del.
Filed June 14, 1947. Serial No. 524,200. PUBLISHED JANUARY 27, 1948. Class 14.

ACT OF 1920

These registrations are not subject to opposition.

438,554. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) JULIA CULBRETH GRAY, Washington, D. C.
Filed Sept. 7, 1945. Serial No. 488,088.

Pocahontas

FOR DOLLS, REPRESENTING THE INDIAN PRINCESS, POCAHONTAS.
Claims use since Aug. 30, 1945.

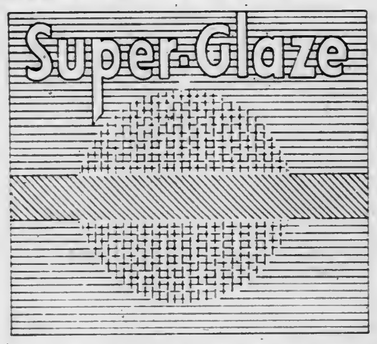
438,555. (CLASS 47. WINES.) CHAMPAGNE ALBERTO VALDIVIESO S. A., Santiago, Chile. Filed Sept. 24, 1945. Serial No. 488,891.

VALDIVIESO

ALBERTO VALDIVIESO M.

FOR CHAMPAGNE.
Claims use since 1929.

438,556. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) SUPER PRODUCTS CO., San Leandro, Calif.
Filed Mar. 19, 1946. Serial No. 498,549.



The drawing as submitted is lined for the colors shown on the specimens presented, namely, the words "Super-Glaze" in white, above a yellow circle, which circle is crossed by a green bar, all against a blue background.
FOR AUTO POLISH.
Claims use since Jan. 10, 1939.

438,557. (CLASS 45. SOFT DRINKS AND CARBONATED WATERS.) CLARENCE E. KIRCHNER, doing business as Kirchner Beverage Co., Solon, Ohio. Filed Apr. 17, 1947. Serial No. 520,876.

Solon Springs

FOR NON-ALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES, SOLD AS SOFT DRINKS AND SIRUPS AND EXTRACTS FOR MAKING SAME.
Claims use since Jan. 15, 1946.

ACT OF 1946, PRINCIPAL REGISTER

500,123. FERTILIZERS. LION OIL COMPANY, El Dorado, Ark.
Filed July 24, 1947. Serial No. 512,185. PUBLISHED FEBRUARY 3, 1948. Class 10.

500,124. PIG IRON, HIGH SILICON CAST IRON PIGS AND FRAGMENTS THEREOF. JACKSON IRON & STEEL COMPANY, Jackson, Ohio.
Filed September 2, 1947. Serial No. 516,132. PUBLISHED JANUARY 27, 1948. Class 14.

500,125. ASPIRIN. NORVIN L. PATTERSON, Chicago, Ill.
Filed July 5, 1947. Serial No. 524,617. PUBLISHED FEBRUARY 3, 1948. Class 6.

500,126. MOLDED BOTTOMS FOR BOWLING BAGS AND GOLF BAGS, AND THE LIKE. UNITED STATES RUBBER COMPANY, New York, N. Y.
Filed July 5, 1947. Serial No. 526,641. PUBLISHED JANUARY 27, 1948. Class 22.

500,127. SUBSTITUTED OXAZOLIDINEDIONES AND SALTS THEREOF USEFUL AS HYPONOTICS AND ANAESTHETICS. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo.
Filed July 5, 1947. Serial No. 526,868. PUBLISHED JANUARY 27, 1948. Class 6.

500,128. CREEL AND TACKLE BAG, FLY BOOK OR ROLL, AND A TACKLE BOX. GEORGE BRIGGS, doing business as Pondbrook Company, Providence, R. I.
Filed July 5, 1947. Serial No. 526,909. PUBLISHED JANUARY 27, 1948. Class 22.

500,129. TETRAIODPHENOLPHTHALEIN SODIUM SALT EMPLOYED FOR X-RAY DIAGNOSIS AND VARIOUS OTHER THERAPEUTIC AND LABORATORY PURPOSES. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo.
Filed July 5, 1947. Serial No. 526,936. PUBLISHED JANUARY 20, 1948. Class 6.

500,130. MIXTURE, WHICH IS APPLIED TO GRASS FOR THE TREATMENT OF BROWN PATCH. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo.
Filed July 5, 1947. Serial No. 526,949. PUBLISHED JANUARY 27, 1948. Class 6.

500,131. FISHING LINES. B. F. GLADDING & CO. INC., South Otselic, N. Y.
Filed July 5, 1947. Serial No. 527,067. PUBLISHED JANUARY 20, 1948. Class 22.

500,132. FISHING LINES. B. F. GLADDING & CO. INC., South Otselic, N. Y.
Filed July 5, 1947. Serial No. 527,079. PUBLISHED JANUARY 20, 1948. Class 22.

500,133. FRUIT JELLY. OELERICH & BERRY COMPANY, Chicago, Ill.
Filed July 5, 1947. Serial No. 527,148. PUBLISHED JANUARY 27, 1948. Class 46.

500,134. TRACKS FOR OVERHEAD LOAD SUPPORTING AND CONVEYING MECHANISM. RICHARDS-WILCOX MANUFACTURING COMPANY, Aurora, Ill.
Filed July 5, 1947. Serial No. 527,186. PUBLISHED JANUARY 20, 1948. Class 14.

500,135. PROCESSED CAST IRON ALLOY METAL. SPUCK IRON & FOUNDRY CO., St. Louis, Mo.
Filed July 5, 1947. Serial No. 527,221. PUBLISHED JANUARY 20, 1948. Class 14.

500,136. TEA. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y.
Filed July 5, 1947. Serial No. 527,361. PUBLISHED JANUARY 20, 1948. Class 46.

500,137. CANDY. THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y.
Filed July 5, 1947. Serial No. 527,475. PUBLISHED JANUARY 20, 1948. Class 46.

500,138. NATURAL RUBBER MATERIAL FOR RETREADING TIRES. UNITED STATES RUBBER COMPANY, New York, N. Y.
Filed July 5, 1947. Serial No. 527,564. PUBLISHED JANUARY 27, 1948. Class 35.

500,139. BUMPING POSTS AND CAR STOPS. THE BUDA COMPANY, Harvey, Ill.
Filed July 5, 1947. Serial No. 527,752. PUBLISHED JANUARY 20, 1948. Class 14.

500,140. EMBALMING FLUID. NATIONAL CASKET COMPANY, INCORPORATED, Oneida, N. Y.
Filed July 19, 1947. Serial No. 528,939. PUBLISHED FEBRUARY 3, 1948. Class 6.

500,141. EMBALMING FLUID. NATIONAL CASKET COMPANY, INCORPORATED, Oneida, N. Y.
Filed July 19, 1947. Serial No. 528,940. PUBLISHED FEBRUARY 3, 1948. Class 6.

500,142. THERAPEUTIC COMPOUND COMPRISING PARTS OF RUTIN AND ASCORBIC ACID FOR THE TREATMENT OF CAPILLARY FRAGILITY ASSOCIATED WITH VITAMIN C DEFICIENCIES. U. S. VITAMIN CORPORATION, New York, N. Y.
Filed July 21, 1947. Serial No. 529,117. PUBLISHED JANUARY 27, 1948. Class 6.

500,143. STERILE SOLUTION CONTAINING ESTROGENS AND PROGESTERONE FOR THE TREATMENT OF CONDITIONS RELATED TO OVARIAN FAILURE. THE HARROWER LABORATORY, INC., Glendale, Calif.
Filed July 23, 1947. Serial No. 529,262. PUBLISHED FEBRUARY 3, 1948. Class 6.

500,144. CARBON PAPER AND TYPEWRITER RIBBONS. WRITE INCORPORATED, Bridgeport, Conn.
Filed July 23, 1947. Serial No. 529,329. PUBLISHED FEBRUARY 3, 1948. Class 11.

500,145. LYE. B. T. BABBITT, INC., New York, N. Y.
Filed July 29, 1947. Under section 2f of the act of 1946. Serial No. 529,862. PUBLISHED JANUARY 27, 1948. Class 6.

ACT OF 1946, SUPPLEMENTAL REGISTER

These registrations are not subject to opposition.

500,146. (CLASS 37. PAPER AND STATIONERY.) THE KAISER PEN CO., Cleveland, Ohio. Filed Aug. 29, 1947. Serial No. 508,115.

KAISER

FOR FOUNTAIN PENS AND MECHANICAL PENCILS.
Claims use since May 16, 1946.

500,147. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) DODGE MANUFACTURING CORPORATION, Mishawaka, Ind. Filed July 5, 1947. Serial No. 527,008.

Flexlink

FOR POWER TRANSMISSION BELTING—NAMELY, BELTING FOR V-BELT DRIVES.
Claims use since Aug. 14, 1946.

500,148. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) COBB CANNING COMPANY, Cobb, Wis. Filed July 23, 1947. Serial No. 529,234.

Spring Green

Applicant claims ownership of registration No. 406,639.
FOR CANNED SWEET PEAS AND EARLY PEAS.
Claims use since Jan. 13, 1943.

500,149. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) ROCKWELL MANUFACTURING COMPANY, Pittsburgh, Pa. Filed Sept. 12, 1947. Serial No. 534,349.

ROCKWELL

Applicant claims ownership of registrations Nos. 428,477, 428,478, and 428,699.
FOR PACKING FOR RODS SUBJECTED TO FLUID PRESSURE—NAMELY, FOR VALVE OPERATING STEMS, STUFFING BOXES, EXPANSION JOINTS, PISTON RODS, AND OPERATING RODS.
Claims use since Dec. 13, 1945.

TRADE-MARK REGISTRATIONS RENEWED

48,960. OLIVER. Registered Jan. 16, 1906. The Oliver Typewriter Company, Chicago, Ill. Re-renewed Jan. 16, 1946 (as provided by P. L. 517, July 17, 1946), to Oliver Typewriter Manufacturing Company, Limited, Croydon, England, a corporation organized under the laws of Great Britain. TYPE-WRITING MACHINES AND PARTS THEREFOR. Class 23.

51,111. "OLIVER", REPRESENTATION OF TYPEWRITER, ETC. Registered Apr. 3, 1906. The Oliver Typewriter Company, Chicago, Ill. Re-renewed Apr. 3, 1946 (as provided by P. L. 517, July 17, 1946), to Oliver Typewriter Manufacturing Company, Limited, Croydon, England, a corporation organized under the laws of Great Britain. TYPE-WRITING MACHINES. Class 23.

59,987. STAR. Registered Jan. 22, 1907. Pettibone, Mulliken & Co. Re-renewed Jan. 22, 1947, to Pettibone Mulliken Corporation, Chicago, Ill., a corporation of Delaware. SWITCH-STANDS. Class 23.

62,025. KEYSTONE. Registered Apr. 16, 1907. Keystone Fence Company. Re-renewed Apr. 16, 1947, to Keystone Steel & Wire Company, Peoria, Ill., a corporation of Illinois. WIRE FENCE. Class 13.

62,313. MONARCH. Registered Apr. 30, 1907. Keystone Fence Company. Re-renewed Apr. 30, 1947, to Keystone Steel & Wire Company, Peoria, Ill., a corporation of Illinois. WIRE FENCE. Class 13.

62,344. BLACK AND WHITE. Registered Apr. 30, 1907. The Dill & Collins Co., Philadelphia, Pa. Re-renewed Apr. 30, 1947, to The Mead Corporation, Dayton, Ohio, a corporation of Ohio. SURFACE-COATED ENGRAVING-PAPER. Class 37.

66,714. "REX." PRINTED IN RED. Registered Dec. 24, 1907. Armiger Chemical Co. Re-renewed Dec. 24, 1947, to Armiger Chemical Company, Inc., Chicago, Ill., a corporation of Illinois. ABRASIVE METAL POLISHES. Class 4.

67,012. EASTMAN. Registered Jan. 14, 1908. Eastman Kodak Co. Re-renewed Jan. 14, 1948, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey. PHOTOGRAPHIC FLASHLIGHT MATERIALS, PHOTOGRAPHIC DEVELOPING AND HARDENING POWDERS; AND OTHER SUCH NAMED ARTICLES. Class 6.

67,043. REPRESENTATION OF A WOMAN WITH A BASKET. Registered Jan. 14, 1908. Vincenzo Del Gaizo. Re-renewed Jan. 15, 1948, to Del Gaizo, S. P. A. Industria Delle Conserve Alimentari, Naples, Italy, a corporation organized under the laws of Italy. TOMATO-SAUCE. Class 46.

67,879. "S & H RED BALL BRAND" ETC. AND DESIGN WITH A DISK COLORED FOR RED. Registered Feb. 25, 1908. Stevenson & Howell, Limited, London, England, a corporation organized under the laws of the United Kingdom of Great Britain and Northern Ireland. Re-renewed Feb. 25, 1948. ESSENTIAL OILS, COLORINGS (BEING VEGETABLE OR MINERAL EXTRACTS WHICH ARE USED FOR COLORING FOOD SUBSTANCES); CARAMEL, BEER CLARIFIERS AND OTHER SUCH NAMED ARTICLES. Class 6.

67,928. BOURNVILLE. Registered Feb. 25, 1908. Cadbury Brothers, Limited, Birmingham, England, a corporation organized under the laws of the United Kingdom of Great Britain and Northern Ireland. Re-renewed Feb. 25, 1948. COCOA AND CHOCOLATE. Class 46.

67,942. "S & H RED BALL BRAND" ETC. AND DESIGN WITH A DISK LINED FOR RED. Registered Feb. 25, 1908. Stevenson & Howell, Limited, London, England, a corporation organized under the laws of United Kingdom of Great Britain and Northern Ireland. Re-renewed Feb. 25, 1948. FLAVORING ESSENCES AND FLAVORING EXTRACTS. Class 46.

69,229. "MAGIC" AND REPRESENTATION OF WESTERN HEMISPHERE WITH SCIMITAR SUPERIMPOSED THEREON. Registered May 26, 1908. Max Loewenstein. Re-renewed May 26, 1948, to Magic Polish Co., Inc., New York, N. Y., a corporation of New York. METAL-POLISH. Class 4.

141,283. BALLOU. Registered Apr. 12, 1921. B. A. Ballou & Co. Incorporated, Providence, R. I., a corporation of Rhode Island. Renewed Jan. 5, 1948 (Supplemental Register). JEWELRY FOR PERSONAL ADORNMENT WHICH IS MADE OF OR PLATED WITH PRECIOUS METAL—NAMELY, ORNAMENTAL HAIRPINS, AND OTHER NAMED JEWELRY AND PRECIOUS-METAL WARE. Class 28.

146,648. INDIA. Registered Sept. 13, 1921. The India Tire and Rubber Company, Akron and Mogadore, Ohio. Renewed Jan. 5, 1948 (Supplemental Register), to The General Tire & Rubber Company, Akron, Ohio, a corporation of Ohio. RESILIENT TIRES FOR VEHICLES, COMPOSED OF RUBBER OR RUBBER AND FABRIC, INNER TUBES; AND OTHER SUCH NAMED ARTICLES. Class 35.

152,068. THE GENERAL TIRE & RUBBER CO. Registered Feb. 14, 1922. The General Tire & Rubber Company, Akron, Ohio, a corporation of Ohio. Renewed Jan. 5, 1948 (Supplemental Register). BELTING, HOSE, MACHINERY PACKING, AND NON-METALLIC TIRES; AND OTHER SUCH NAMED ARTICLES. Class 35.

157,721. "A B C" ETC. AND CIRCULAR DESIGN. Registered Aug. 15, 1922. Naamlooze Vennootschap Maatschappij Voor Wasverwerking, Amsterdam, Netherlands, a Netherlands corporation. Renewed Aug. 15, 1942 (as provided by P. L. 517, July 17, 1946). ALL KINDS OF BOOT POLISH. Class 4.

159,058. FLEURS D'AMOUR. Registered Sept. 19, 1922. Parfumerie Roger et Gallet, S. A., Paris, France, a corporation organized under the laws of the French Republic. Renewed Sept. 19, 1942 (as provided by P. L. 517, July 17, 1946). SOAP, SOAP PASTES, AND SOAP POWDERS. Class 4.

170,692. LINCOLN. Registered July 17, 1923. Lincoln Motor Company, Highland Park, Mich. Renewed Jan. 5, 1948 (Supplemental Register), to Ford Motor Company, Dearborn, Mich., a corporation of Delaware. MOTOR CARS. Class 19.

180,820. "GARLOCK SPECIAL HYDRAULIC COIL STYLE NO. 262" ETC. Registered Mar. 4, 1924. The Garlock Packing Company, Palmyra, N. Y., a corporation of New York. Renewed Jan. 5, 1948 (Supplemental Register). PACKING AND PACKING MATERIAL MADE WHOLLY OF OR FROM VARIOUS COMBINATIONS OF ASBESTOS AND OTHER SUCH NAMED GOODS. Class 35.

185,210. A LA MARQUISE DE SÉVIGNÉ. Registered June 10, 1924. Société Anonyme des Établissements Rouzaud, Chocolat de Royat, "A la Marquise de Sévigné", Royat, France, a corporation organized under the laws of France. Renewed June 10, 1944 (as provided by P. L. 517, July 17, 1946). CROCKERY, EARTHENWARE, AND PORCELAIN—NAMELY, SWEETMEAT BOXES, AND OTHER NAMED ITEMS. Class 30.

189,090. A LA MARQUISE DE SÉVIGNÉ. Registered Sept. 9, 1924. Société Anonyme des Établissements Rouzaud, Chocolat de Royat, "A la Marquise de Sévigné", Royat, France, a corporation organized under the laws of France. Renewed Sept. 9, 1944 (as provided by P. L. 517, July 17, 1946). FANCY GOODS, FURNISHINGS, AND NOTIONS—NAMELY, ARTIFICIAL FLOWERS, ORNAMENTAL FEATHERS, AND OTHER NAMED ITEMS. Class 40.

189,763. A LA MARQUISE DE SÉVIGNÉ. Registered Sept. 23, 1924. Société Anonyme des Établissements Rouzaud, Chocolat de Royat, "A la Marquise de Sévigné", Royat, France, a corporation organized under the laws of France. Renewed Sept. 23, 1944 (as provided by P. L. 517, July 17, 1946). FURNITURE AND UPHOLSTERY—NAMELY, FRAMES NOT OF PRECIOUS METAL, LOOKING-GLASSES, AND OTHER NAMED ITEMS. Class 32.

190,396. A LA MARQUISE DE SÉVIGNÉ. Registered Oct. 14, 1924. Société Anonyme des Établissements Rouzaud, Chocolat de Royat, "A la Marquise de Sévigné", Royat, Puy-de-Dome, France. Renewed Oct. 14, 1944 (as provided by P. L. 517, July 17, 1946), to Société Anonyme des Établissements Rouzaud, Chocolat de Royat, "A la Marquise de Sévigné", Royat, France, a corporation organized under the laws of France. JEWELRY FOR PERSONAL WEAR, NOT INCLUDING WATCHES, AND PRECIOUS-METAL WARE—NAMELY, TABLEWARE, FLATWARE, HOLLOW WARE, AND TOILET WARE. Class 28.

191,150. A LA MARQUISE DE SÉVIGNÉ. Registered Nov. 4, 1924. Société Anonyme des Établissements Rouzaud, Chocolat de Royat, "A la Marquise de Sévigné", Royat-les-Bains, France. Renewed Nov. 4, 1944 (as provided by P. L. 517, July 17, 1946), to Société Anonyme des Établissements Rouzaud, Chocolat de Royat, "A la Marquise de Sévigné", Royat, France, a corporation organized under the laws of France. CONFECTIONERY BOXES. Class 2.

201,810. STRATFORD PLATE. Registered Aug. 4, 1925. International Silver Co., Bridgeport and Meriden, Conn. Renewed Jan. 5, 1948 (Supplemental Register), to The International Silver Company, Meriden, Conn., a corporation of Connecticut. SILVER-PLATED FLAT TABLEWARE. Class 28.

221,536. TITIAN. Registered Dec. 7, 1926. William Adams & Sons (Potters) Limited, Stoke-on-Trent, England. Renewed Dec. 7, 1946 (as provided by P. L. 517, July 17, 1946), to William Adams & Sons (Potters) Limited, Tunstall, England, a British corporation organized under the laws of Great Britain. POTTERY. Class 30.

227,374. FLUID HEAT. Registered May 3, 1927. The Fluid Heat Corp. Renewed May 3, 1947, to Anchor Post Products, Inc., Baltimore, Md., a corporation of New Jersey. OIL BURNERS. Class 34.

228,665. "HI-BRED" AND REPRESENTATION OF EAR OF CORN AND DESIGN. Registered June 7, 1927. The Hi-Bred Corn Company. Renewed June 7, 1947, to Pioneer Hi-Bred Corn Company, Des Moines, Iowa, a corporation of Iowa. SEED CORN. Class 1.

229,253. "SEA HAWK". Registered June 21, 1927. Greenhill & Daniel, Brooklyn, N. Y. Renewed June 21, 1947, to Greenhill & Daniel Co., New York, N. Y., a firm. BATHING SUITS. Class 39.

229,517. SANISORB. Registered June 28, 1927. Hoberg Paper & Fibre Company. Renewed June 28, 1947, to Hoberg Paper Mills, Inc., Green Bay, Wis., a corporation of Wisconsin. PAPER WADDING. Class 44.

230,461. "D'ESTE" ETC. AND DESIGN. Registered July 26, 1927. Julian d'Este Company, Boston, Mass. Renewed July 26, 1947, to American Chain & Cable Company, Inc., Bridgeport, Conn., a corporation of New York. PRESSURE REGULATORS FOR STEAM, WATER, GAS, AIR, OIL, AND OTHER FLUIDS AND GASES; AND OTHER NAMED HARDWARE, PLUMBING AND STEAM-FITTING SUPPLIES. Class 13.

231,880. VESS DRY. Registered Aug. 30, 1927. Vess Jones, doing business as The Whistle Company of America, Inc., New York, N. Y. Renewed Aug. 30, 1947, to Vess Dry Company of Ohio, Columbus, Ohio, a corporation of Ohio. NONALCOHOLIC BEVERAGES—NAMELY, GINGER ALE. Class 45.

232,861. YORKGATE. Registered Sept. 20, 1927. Detmer, Bruner & Mason, Inc., New York, N. Y., a corporation of New York. Renewed Sept. 20, 1947. WOOLEN AND WORSTED FABRICS IN THE PIECE. Class 42.

233,009. "FASHION CRAFT" AND DESIGN. Registered Sept. 20, 1927. United Novelty Shoe Company, Indianapolis, Ind. Renewed Sept. 20, 1947, to Craddock-Terry Shoe Corporation, Lynchburg, Va., a corporation of Virginia. SHOES MADE OF LEATHER. Class 39.

233,074. SHAD-O-BLEND. Registered Sept. 20, 1927. Behrens & Kashins, Inc. Renewed Sept. 20, 1947, to Phillips-Jones Corporation, New York, N. Y., a corporation of New York. BLANKET ROBES FOR PERSONAL WEARING APPAREL, BATH ROBES, LOUNGING ROBES, AND HOUSE ROBES. Class 39.

233,787. OILTEM. Registered Oct. 11, 1927. Heppenstall Forge & Knife Company. Renewed Oct. 11, 1947, to Heppenstall Company, Pittsburgh, Pa., a corporation of Pennsylvania. STEEL FORGINGS. Class 14.

233,872. "POCAHONTAS" ETC. AND DRAWING. Registered Oct. 11, 1927. Fire Creek Coal Company, Inc., New York, N. Y., a corporation of New York. Renewed Oct. 11, 1947. EXPORT COAL. Class 1.

233,873. "JAYBEEBEE". Registered Oct. 11, 1927. Fire Creek Coal Company, Inc., New York, N. Y., a corporation of New York. Renewed Oct. 11, 1947. EXPORT COAL. Class 1.

233,909. "BROWNIE" AND DRAWING. Registered Oct. 11, 1927. The Brownie Corporation, New York, N. Y. Renewed Oct. 11, 1947, to American Beverage Corporation, Brooklyn, N. Y., a corporation of Delaware. NONALCOHOLIC, MALTLESS BEVERAGE SOLD AS A SOFT DRINK. Class 45.

234,573. ITALIAN BALM. Registered Nov. 1, 1927. Campana Corporation. Renewed Nov. 1, 1947, to Campana Corporation, Batavia, Ill., a corporation of Delaware. SKIN-SOFTENING PREPARATION. Class 6.

234,663. M-VB. Registered Nov. 1, 1927. Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut. Renewed Nov. 1, 1947. BALL COCKS, FLUSH VALVES, TANK FITTINGS—NAMELY, LEVERS, AND OTHER SUCH NAMED ARTICLES. Class 13.

234,869. HALF DOME. Registered Nov. 8, 1927. Damerel-Allison Co. Renewed Nov. 8, 1947, to Damerel-Allison Company, Covina, Calif., a corporation of California. FRESH CITROUS FRUITS—NAMELY, ORANGES. Class 46.

235,842. JADE. Registered Nov. 29, 1927. Elliott Hosiery Co. Inc. Renewed Nov. 29, 1947, to M. Goodman & Son Inc., New York, N. Y., a corporation of New York. HOSIERY AND UNDERWEAR MANUFACTURED FROM KNITTED AND TEXTILE FABRICS FOR WOMEN. Class 39.

236,768. "FERD. MÜLHENS" ETC. AND DESIGN. Registered Dec. 20, 1927. Paul Peter Müllhens, doing business as Eau de Cologne- & Parfümerie-Fabrik "Glockengassee No. 4711" gegenüber der Pferdepost von Ferd. Müllhens, Cologne-on-the-Rhine, Germany. Vested in the Attorney General of the United States, Washington, D. C., and renewed to him Dec. 20, 1947. EAU-DE-COLOGNE WATER, PERFUMERY, HAIR TONICS, SHAMPOO, POMADE, BRILLIANTINE, COLD CREAM, VANISHING CREAM, AND OTHER SUCH NAMED ARTICLES. Class 6.

236,769. "EAU DE COLOGNE RUSSE" ETC. AND DESIGN. Registered Dec. 20, 1927. Paul Peter Müllhens, doing business as Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Müllhens, Cologne-on-the-Rhine, Germany. Vested in the Attorney General of the United States, Washington, D. C., and renewed to him Dec. 20, 1947. SOAPS INCLUDING TOILET SOAPS, SHAVING STICKS. Class 4.

237,134. "BLUE BIRD BLOTTING" AND DRAWING. Registered Jan. 3, 1928. The Wrenn Paper Company, Middletown, Ohio, a corporation of Ohio. Renewed Jan. 3, 1948. BLOTTING PAPER. Class 37.

237,437. "LITTLE DUTCH CANDY MILL" AND DRAWING. Registered Jan. 10, 1928. Little Dutch Candy Mill. Renewed Jan. 10, 1948, to The Little Dutch Candy Mill Corporation, Chicago, Ill., a corporation of Illinois. CANDY AND CONFECTIONS—NAMELY, BONBONS AND CAKE. Class 46.

237,777. "JACQUELINE MODE" AND DESIGN. Registered Jan. 17, 1928. The Millinery Stores, Inc., Chicago, Ill. Renewed Jan. 17, 1948, to The Millinery Stores, Inc., New York, N. Y., a corporation of Illinois. LADIES', MISSES', AND CHILDREN'S HATS. Class 39.

238,105. SEA FLYER. Registered Jan. 24, 1928. McGovern and McGovern. Renewed Jan. 24, 1948, to Monitor Fisheries, Inc., Seattle, Wash., a corporation of Washington. CANNED FISH, CANNED FRUITS AND VEGETABLES, CANNED BERRIES. Class 46.

238,498. PERFECTED. Registered Feb. 7, 1928. The American Steel and Wire Company of New Jersey, Cleveland, Ohio, Chicago, Ill., Pittsburgh, Pa., New York, N. Y., Worcester, Mass., and Hoboken, N. J. Renewed Feb. 7, 1948, to The American Steel and Wire Company of New Jersey, Cleveland, Ohio, a corporation of New Jersey. WIRE, AND PARTICULARLY MUSIC WIRE AND PIANO WIRE. Class 36.

238,664. "OLD GOLD" ETC. AND DESIGN. Registered Feb. 14, 1928. P. Lorillard Company, New York, N. Y., a corporation of New Jersey. Renewed Feb. 14, 1948. CIGARETTES AND SMOKING TOBACCO. Class 17.

238,737. EATWELL. Registered Feb. 14, 1928. The French Sardine Company of California, Terminal Island, Calif., a corporation of California. Renewed Feb. 14, 1948. CANNED FISH. Class 46.

238,979. TWO T' ONE. Registered Feb. 21, 1928. C. A. Nash & Son, Inc., Norfolk, Va., a corporation of Virginia. Renewed Feb. 21, 1948. PAINTS AND PAINT ENAMEL. Class 16.

239,062. "CREST" AND SHIELD DESIGN. Registered Feb. 21, 1928. Crest Manufacturing Co., Inc., New York, N. Y., a corporation of New York. Renewed Feb. 21, 1948. PLUMBING SUPPLIES—NAMELY, BRASS ADJUSTABLE FULLER STEMS, AIR VALVES, AND OTHER SUCH NAMED SUPPLIES. Class 13.

239,261. "DITTO LONGRUN B" AND CIRCULAR DESIGN. Registered Feb. 28, 1928. Ditto, Incorporated, Chicago, Ill., a corporation of West Virginia. Renewed Feb. 28, 1948. PAPER FOR STATIONERY USE FOR BUSINESS FORMS PRINTED WITH STANDARD BUSINESS INK, AND OTHER SUCH NAMED PAPER AND STATIONERY. Class 37.

240,071. POIS DE SENTEUR DE CHEZ MOI. Registered Mar. 20, 1928. E. Daltroff & Cie., doing business as Parfumerie Caron, Paris, France. Renewed Mar. 20, 1948, to Caron Corporation, New York, N. Y., a corporation of New York. PASTES AND POWDERS FOR BEAUTIFYING AND PRESERVING THE TEETH, SKIN, AND HAIR, AND PERFUMERY. Class 6.

240,114. SEA BEAUTY. Registered Mar. 20, 1928. McGovern and McGovern. Renewed Mar. 20, 1948, to Monitor Fisheries, Inc., Seattle, Wash., a corporation of Washington. CANNED SALMON, CANNED FRUITS, BERRIES, AND VEGETABLES. Class 46.

241,483. "MAX FACTOR'S" AND DESIGN. Registered May 1, 1928. Max Factor, doing business as Max Factor & Co. Renewed May 1, 1948, to Max Factor & Co., Los Angeles, Calif., a corporation of Delaware. THEATRICAL MAKE-UPS—VIZ, GREASE PAINTS IN TUBES, LINING COLORS, AND OTHER NAMED ITEMS. Class 6.

241,507. PROTECTOR. Registered May 1, 1928. The American Steel and Wire Company of New Jersey, Cleveland, Ohio, Chicago, Ill., Pittsburgh, Pa., New York, N. Y., Worcester, Mass., and Hoboken, N. J. Renewed May 1, 1948, to The American Steel and Wire Company of New Jersey, Cleveland, Ohio, a corporation of New Jersey. WIRE FENCING, AND PARTICULARLY POULTRY AND RABBIT FENCING. Class 13.

241,604. WARDONIA. Registered May 1, 1928. Thomas Ward & Sons Limited, Warrington, England, a British Company. Renewed May 1, 1948. RAZORS, SAFETY RAZORS, RAZOR BLADES, SAFETY-RAZOR BLADES, SHEARS, SCISSORS, HAIR CLIPPERS, AND KNIVES OF BASE METAL. Class 23.

241,799. PREMIER. Registered May 8, 1928. The American Steel and Wire Company of New Jersey, Cleveland, Ohio, Chicago, Ill., Pittsburgh, Pa., New York, N. Y., Worcester, Mass., and Hoboken, N. J. Renewed May 8, 1948, to The American Steel and Wire Company of New Jersey, Cleveland, Ohio, a corporation of New Jersey. WIRE—NAMELY, WELDING WIRE. Class 14.

241,811. "HONEYMOON HAMBURGS" AND DRAWING. Registered May 8, 1928. Stephen A. Wichroski, Springfield, Mass. Renewed May 8, 1948. SANDWICHES. Class 46.

242,071. AMMO. Registered May 15, 1928. American Ammone Company. Renewed May 15, 1948, to Enoch Morgan's Sons Company, New York, N. Y., a corporation of New York. WASHING OR CLEANING COMPOUNDS. Class 4.

242,409. SYMPATOL. Registered May 22, 1928. Frederick Stearns & Co., Detroit, Mich. Renewed May 22, 1948, to Winthrop-Stearns Inc., New York, N. Y., a corporation of Delaware. PREPARATION USEFUL IN THE TREATMENT OF ASTHMATIC AND SUCH OTHER CONDITIONS AS ARE BENEFITED BY THE USE OF THE BLOOD-PRESSURE-RAISING PRINCIPAL OF THE SUPRARENAL GLAND. Class 6.

242,545. MOIRANESE. Registered May 29, 1928. Celanese Corporation of America, New York, N. Y., a corporation of Delaware. Renewed May 29, 1948. KNITTED, NETTED, AND TEXTILE FABRICS MADE WHOLLY OR PARTIALLY OF CELLULOSE DERIVATIVES. Class 42.

242,747. "THE CHATWOOD" AND DESIGN. Registered June 5, 1928. O. C. Hansen Mfg. Co. Renewed June 5, 1948, to Hansen Glove Corporation, Milwaukee, Wis., a corporation of Wisconsin. MEN'S UNLINED, KNITTED WOOL-LINED, SILK-LINED, LAMB-LINED AND FUR-LINED LEATHER GLOVES FOR GENERAL AND DRESS WEAR. Class 39.

TRADE-MARK REGISTRATIONS AMENDED, SURRENDERED, DISCLAIMED, CORRECTED, ETC.

335,302. PICTURE OF A MAN WORKING AT A LOOM. Registered June 2, 1936. McCrossen Handwoven Textiles, Inc., Santa Fe, N. Mex. SCARFS, NECKTIES, BELTS FOR OUTER WEAR, ETC. Class 39. Amended as follows: In the statement, column 2, lines 7, 8, and 9, for "No claim is made to the descriptive words 'Handwoven By' and the geographical address 'Santa Fe, N. M.'" read *No claim is made under this registration to the words "The Original Handwoven"; "Handwoven Textiles, Inc."; "Santa Fe, N. M.", or to the photographic reproduction of the background portion of the label*; and the drawing is amended to appear as follows:



411,491. BAMFORDS. Registered Jan. 16, 1945. Bamfords Ltd., Uttoxeter, England. REAPING MACHINES, HAY-MAKING MACHINERY, ETC. Class 23. Amended as follows: In the statement, column 1, lines 27 and 28, cancel "Internal Combustion Engines (not for Land Vehicles)", and column 1, lines 29 to 33, cancel "Hand Operated Pumps for Delivering Fluids, Rotary and Reciprocating Pumps (not being for Surgical or Scientific Purposes or Air Pumps for Vehicles, Vehicles)."

436,124. "GITS" AND DESIGN. Registered Jan. 20, 1948. Gits Molding Corporation, Chicago, Ill. POCKET KNIVES, RAZOR KNIVES AND SPOONS. Class 23. Corrected as follows: In the statement, first column, lines 7 and 8, description of merchandise, strike out the words "OF BASE METAL."

436,707. TURANONE. Registered Feb. 17, 1948. Abbott Laboratories, North Chicago, Ill. SEDATIVE AND ANALGESIC PREPARATION INTENDED FOR USE AS A SUBSTITUTE FOR A NARCOTIC. Class 6. Corrected as follows: In the certificate, lines 2 and 3, for "Chicago, Illinois" read *North Chicago, Illinois*; in the heading to the statement, line 1, for "Chicago, Ill." read *North Chicago, Ill.*

436,723. JUBILEE. Registered Feb. 17, 1948. D. Ornstein & Sons Corp., New York, N. Y. BRACELETS, NOT INCLUDING WATCHES. Class 28. Corrected as follows: In the certificate, lines 2 and 15, and in the heading to the statement, line 1, for "D. Orstein & Sons Corp." read *D. Ornstein & Sons Corp.*

TRADE-MARK REGISTRATIONS REPUBLISHED

The following marks registered under the act of 1905, or the act of 1881, are published under the provisions of section 12(c) of the Trade-Mark Act of 1946. These registrations are not subject to opposition but are subject to cancellation under section 14 of the act of 1946.

CLASS 1

RAW OR PARTLY PREPARED MATERIALS

Reg. No. 201,690. Registered Aug. 4, 1925. SOUTHERN COAL & COKE COMPANY, Boothton, Ala. Republished by Boothton Coal Mining Company, Boothton, Ala., a corporation of Alabama.

BOOTHTON
Cahaba Red Ash
COAL

The words "Cahaba Red Ash Coal" are disclaimed.
FOR COAL.
Claims use since 1915.

Reg. No. 275,437. Registered Sept. 23, 1930. THE KILGORE SEED COMPANY, Plant City, Fla., a corporation of Florida. Republished by registrant.

BRED-RITE

FOR GARDEN AND FIELD SEEDS, BULBS AND PLANTS.
Claims use since February 1924.

Reg. No. 366,635. Registered Apr. 25, 1939. AMERICAN BIRD PRODUCTS, INC., Chicago, Ill., a corporation of Illinois. Republished by registrant.

RADIO
WARBLERS

The word "Warblers" is disclaimed.
FOR LIVE CANARIES.
Claims use since Oct. 12, 1931.

Reg. No. 398,166. Registered Oct. 13, 1942. GEORGE O. JENKINS COMPANY, Bridgewater, Mass., a corporation of Massachusetts. Republished by registrant.

SUNTAN

FOR SHEET LEATHERBOARD AND FIBREBOARD FOR USE IN MAKING HEELS AND MIDSOLES FOR SHOES.
Claims use since Aug. 26, 1940.

CLASS 2

RECEPTACLES

Reg. No. 331,685. Registered Jan. 14, 1936. WALTER KIDDE SALES COMPANY, Bloomfield, N. J. Republished by Kidde Manufacturing Co., Inc., Bloomfield, N. J., a corporation of Delaware.

SODA KING

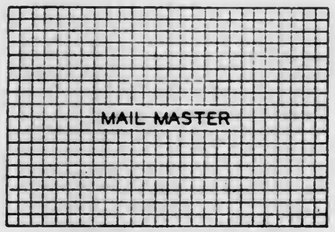
The word "Soda" is disclaimed.
FOR SYPHONS AND GAS CONTAINERS FOR USE THEREON.
Claims use since about July 8, 1935.

Reg. No. 353,482. Registered Jan. 11, 1938. LAMCOTE, INCORPORATED, Chicago, Ill. Republished by Arvey Corporation, Chicago, Ill., a corporation of Illinois.

LAMCOTE

FOR CARTONS, PACKAGES, BOXES, AND BAGS FORMED OF A MULTI-PLY PRODUCT COMPRISING ESSENTIALLY A PLY OF PAPER OR FIBERBOARD HAVING ADHESIVELY UNITED THERETO A PLY OF TRANSPARENT MATERIAL.
Claims use since Nov. 12, 1936.

Reg. No. 353,766. Registered Jan. 18, 1938. THE MASON BOX COMPANY, Attleboro Falls, Mass., a corporation of Massachusetts. Republished by registrant.



The background formed by horizontal and vertical lines is disclaimed.
FOR PAPER, PAPER BOARD, BOX BOARD, AND FIBER SHIPPING CARTONS AND BOXES.
Claims use since August 1935.

Reg. No. 371,577. Registered Sept. 26, 1939. BEMIS BRO. BAG COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

TRIOTEX

FOR BAGS MADE FROM LAMINATED MATERIAL COMPOSED OF LAYERS OF TEXTILE AND PAPER.
Claims use since May 2, 1939.

Reg. No. 385,984. Registered Mar. 25, 1941. ZELLERBACH PAPER COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.

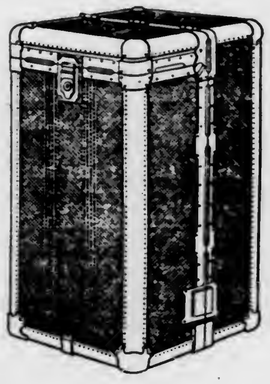
KITCHENETTE

FOR PAPER CUPS AND PAPER BAKING CUPS, PAPER PLATES AND PAPER SALT AND PEPPER SHAKERS.
Claims use since on or about Jan. 1, 1938.

CLASS 3

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS

Reg. No. 291,891. Registered Feb. 23, 1932. HARTMANN TRUNK COMPANY, Racine, Wis. Republished by Hartmann Company, Racine, Wis., a corporation of Wisconsin.



The representation of the trunk is disclaimed except with respect to the stripes thereon extending vertically with respect to the container when the carrying handle is uppermost.
FOR WARDROBE TRUNKS, TAXI AND STEAMER TRUNKS, HAND AND SHOE TRUNKS, PORTABLE WARDROBE CASES, HAT AND SHOE LUGGAGE CASES, AND WARDROBE SUITCASES.
Claims use since Dec. 21, 1928.

Reg. No. 389,606. Registered Aug. 12, 1941. HARTMANN TRUNK COMPANY, Racine, Wis. Republished by Hartmann Company, Racine, Wis., a corporation of Wisconsin.

MADEMOISELLE

FOR SUITCASES AND HAND LUGGAGE CASES EQUIPPED WITH GARMENT CARRYING FIXTURES.
Claims use since Dec. 17, 1940.

CLASS 4

ABRASIVE, DETERGENT, AND POLISHING MATERIALS

Reg. No. 225,467. Registered Mar. 22, 1927. THE OSKAMP NOLTING CO., Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.



FOR TOILET SOAP.
Claims use since Sept. 21, 1926.

Reg. No. 226,288. Registered Apr. 5, 1927. NYKO LABORATORIES, Chicago, Ill. Republished by Nyko, Incorporated, Chicago, Ill., a corporation of Illinois.

Nyko



FOR CLEANSER FOR DENTURES.
Claims use since Nov. 5, 1926.

Reg. No. 245,860. Registered Aug. 21, 1928. THE CARBORUNDUM COMPANY, Niagara Falls, N. Y. Republished by The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware.

CARBORUNDUM

FOR CERTAIN ABRASIVE ARTICLES AND COMPOUNDS COMPRISING PREPARED ABRASIVE GRAINS AND POWDERS, ABRASIVE PAPER AND CLOTH IN THE FORM OF SHEETS, ROLLS, PADS, DISCS, STRIPS, COILS, AND SPECIAL SHAPES, ABRASIVE WHEELS OF ALL KINDS, ABRASIVE-WHEEL SEGMENTS, ABRASIVE DISCS AND CONES; MOLDED ABRASIVE ARTICLES COMPRISING BLOCKS, BRICKS, STONES, SCYTHE STONES, SHARPENING STONES OF VARIOUS SHAPES, HONES, BONDED ABRASIVE STICKS WITH AND WITHOUT HANDLES, STRIPS OF BONDED ABRASIVE MATERIAL HAVING A METAL REINFORCEMENT ALONG ONE EDGE FOR DRESSING CONTACT POINTS AND FOR OTHER FINE ABRASIVE OPERATIONS, ABRASIVE INSERT STONES OF TOOTH FORM, ABRASIVE POINTS, PIN WHEELS, COMBINATION PAPER, BREASTING PAPER, WATERPROOF ABRASIVE PAPER AND CLOTH, AND BELTS HAVING ABRASIVE MATERIAL ON THE OUTSIDE SURFACE THEREOF FOR USE IN SANDING MACHINES.
Claims use since September 1891.

Reg. No. 255,042. Registered Apr. 9, 1929. O'NEIL DURO COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

DURO

FOR LIQUID TOP DRESSINGS AND FINISHES FOR IMITATION LEATHER, LEATHERLIKE FABRICS, AND OTHER SIMILAR MATERIALS.
Claims use since Jan. 1, 1900.

Reg. No. 262,604. Registered Oct. 15, 1929. DIVERSEY MANUFACTURING COMPANY, Chicago, Ill. Republished by The Diversey Corporation, Chicago, Ill., a corporation of Illinois.

PROTEX
'METALLUM'

FOR CLEANSER FOR CLEANING RECEPTACLES AND CONTAINERS HAVING INCIDENTAL WATER-SOFTENING PROPERTIES.
Claims use since Feb. 28, 1929.

Reg. No. 300,218. Registered Jan. 10, 1933. S. C. JOHNSON & SON, Racine, Wis. Republished by S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin.

SHI-NUP

FOR POLISH FOR CLEANING AND POLISHING SILVER, GOLD, NICKEL, CHROMIUM, BRASS, COPPER, GLASS, ENAMELED WARE, PLATED WARE, AND THE LIKE.
Claims use since July 1915.

Reg. No. 342,811. Registered Feb. 2, 1937. THE DIVERSEY CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

LUSTRAL

FOR BOTTLE WASHING COMPOUND, GENERALLY USED IN SOLID FORM.
Claims use since March 1925.

Reg. No. 351,836. Registered Nov. 9, 1937. BENNETT GLASS & PAINT COMPANY, Salt Lake City, Utah. Republished by Bennett's, Salt Lake City, Utah, a corporation of Utah.

KLENZENE

FOR ABSORPTIVE DOUGH-LIKE PREPARATION FOR CLEANING WALL PAPER.
Claims use since Mar. 1, 1919.

Reg. No. 359,524. Registered Aug. 23, 1938. ACME CHEMICAL COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

SOLVIN

FOR LIQUID CLEANSER FOR TOILETS, BATHTUBS, SINKS, ETC.
Claims use since Nov. 22, 1916.

Reg. No. 367,297. Registered May 9, 1939. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.

BLEM

FOR CLEANER FOR REMOVING BLEMISHES, WHITE RINGS, SCRATCHES AND OTHER STAINS AND SURFACE DEFECTS FROM WOOD SURFACES.
Claims use since Aug. 8, 1938.

Reg. No. 369,680. Registered Aug. 1, 1939. THE DIVERSEY CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

DICOLOID

FOR CLEANSER IN POWDERED FORM HAVING INCIDENTAL WATER-SOFTENING PROPERTIES, FOR CLEANING RECEPTACLES AND CONTAINERS.
Claims use since Jan. 11, 1939.

Reg. No. 400,242. Registered Feb. 23, 1943. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.

JOHNSON'S Waxed Floor CLEANER

The words "Waxed Floor" and "Cleaner" are disclaimed.
FOR CLEANER FOR REMOVING OLD WAX AND WAX EMULSIONS FROM FLOORS AND OTHER SURFACES.
Claims use since Mar. 11, 1940.

Reg. No. 402,601. Registered Aug. 3, 1943. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.

DRAX

FOR AQUEOUS AND NONAQUEOUS WAX EMULSIONS WHICH MAKE ABSORBATIVE FIBROUS AND NONFIBROUS MATERIALS WATERPROOF AND WATER REPELLENT—NAMELY, LEATHER AND THE LIKE.
Claims use since Sept. 16, 1942.

Reg. No. 426,357. Registered Dec. 24, 1946. CLARK-CLEVELAND, INCORPORATED, Binghamton, N. Y., a corporation of New York. Republished by registrant.

PLATO

FOR DENTAL PLATE POWDER.
Claims use since Dec. 19, 1945.

CLASS 5

ADHESIVES

Reg. No. 321,778. Registered Feb. 12, 1935. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.

Rug TAKS

FOR SHEETS OF FABRIC HAVING ON ONE SIDE A COATING OF GLUE FOR THE PURPOSE OF AFFIXING IT TO THE UNDERSIDE OF RUGS AND HAVING ON THE OTHER SIDE A FRICTIONAL SURFACE WHICH ADHERES TO THE FLOOR.
Claims use since June 10, 1934.

Reg. No. 412,769. Registered Mar. 27, 1945. WALTER HARKS, doing business as Black Magic Producta Company, Fort Wayne, Ind., assignor to Bowser, Inc. Republished by Bowser, Inc., Fort Wayne, Ind., a corporation of Indiana.

BLACK MAGIC

FOR ADHESIVE PIPE SEALING COMPOUND AND GASKET CEMENT.
Claims use since Aug. 1, 1939.

CLASS 6

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS

Reg. No. 25,312. Registered Oct. 9, 1894. THE NUTROLACTIS COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

NUTROLACTIS.

FOR MEDICINAL PREPARATION INTENDED TO INCREASE THE FLOW OF HUMAN MILK.
Claims use since Jan. 1, 1889.

Reg. No. 188,445. Registered Aug. 26, 1924. FRANK HESS, doing business as Hess Hair Milk Laboratories, St. Paul, Minn. Republished by registrant.

HESS

FOR HAIR TONIC AND DANDRUFF REMEDY.
Claims use since Oct. 4, 1922.

Reg. No. 224,577. Registered Mar. 1, 1927. DIVERSEY MANUFACTURING COMPANY, Chicago, Ill. Republished by The Diversey Corporation, Chicago, Ill., a corporation of Illinois.

DIVERSOL

FOR DISINFECTANTS, GERMICIDES, AND STERILIZERS GENERALLY USED IN SOLID FORM FOR DISINFECTING RECEPTACLES AND CONTAINERS.
Claims use since Oct. 12, 1926.

Reg. No. 268,659. Registered Mar. 18, 1930. PARKER RUST PROOF COMPANY, Detroit, Mich., a corporation of Michigan. Republished by registrant.

Bonderite

FOR CHEMICAL MATERIALS FOR CONDITIONING METAL SURFACES PREPARATORY TO ENAMELING.
Claims use since Mar. 5, 1929.

Reg. No. 314,319. Registered June 26, 1934. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

FUNGINOX

FOR MIXTURE OF CORROSIVE SUBLIMATE AND HYDROCHLORIC ACID USED, FOR EXAMPLE, FOR THE TREATMENT OF POTATOES IN THE CORRECTION OF BLACKLEG, SCAB, AND RHIZOCTONIA.
Claims use since Feb. 20, 1934.

Reg. No. 331,872. Registered Jan. 21, 1936. FASTEETH INCORPORATED, Binghamton, N. Y. Republished by Clark-Cleveland, Incorporated, Binghamton, N. Y., a corporation of New York.

FIXODENT

FOR PREPARATION FOR SECURING DENTAL PLATES IN PLACE.
Claims use since July 29, 1935.

Reg. No. 335,695. Registered June 9, 1936. NU-WHIP CORP., New York, N. Y. Republished by Kidde Manufacturing Co., Inc., Bloomfield, N. J., a corporation of Delaware.

WHIPPETS

FOR GASES IN CARTRIDGE CONTAINERS ADAPTED FOR AERATED FOOD PRODUCTS UNDER PRESSURE.
Claims use since Dec. 10, 1935.

Reg. No. 359,263. Registered Aug. 9, 1938. KEASBEY & MATTISON COMPANY, Ambler, Pa., a corporation of Pennsylvania. Republished by registrant.

CLEARCARB

FOR MAGNESIA CARBONATE.
Claims use since Mar. 1, 1938.

Reg. No. 363,620. Registered Jan. 3, 1939. PARKER RUST PROOF COMPANY, Detroit, Mich., a corporation of Michigan. Republished by registrant.

STEELGRIP

FOR CHEMICALS FOR TREATING STEEL SURFACES TO OBTAIN THEREON CORROSION-RESISTANT, PAINT-HOLDING COATINGS.
Claims use since June 28, 1938.

Reg. No. 364,990. Registered Feb. 21, 1939. NORTHMONT HOSIERY CORPORATION, Reading, Pa., a corporation of Pennsylvania. Republished by registrant, present location Reading, Pa., and New York, N. Y.

Precious Cosmetics

The word "Cosmetics" is disclaimed.
FOR OIL FOR THE TREATMENT OF FULL FASHIONED HOSIERY.
Claims use since July 5, 1938.

Reg. No. 365,069. Registered Feb. 21, 1939. MEDICAL CHEMICALS, INC., Baltimore, Md., a corporation of Maryland. Republished by registrant.

ISO-PAR

FOR GERMICIDAL AND FUNGICIDAL PREPARATIONS.
Claims use since Sept. 2, 1938.

Reg. No. 365,845. Registered Mar. 21, 1939. DOROTHY A. GRAY, Amenia, N. Y. Republished by registrant.

DOTS

FOR PREPARATION USED FOR FEMININE HYGIENE HAVING ANTISEPTIC PROPERTIES.
Claims use since Aug. 28, 1938.

Reg. No. 366,922. Registered May 2, 1939. KEASBEY & MATTISON COMPANY, Ambler, Pa., a corporation of Pennsylvania. Republished by registrant.

K&M best in asbestos

The words "Best in Asbestos" are disclaimed.
FOR MAGNESIUM CARBONATE AND MAGNESIUM OXIDE.
Claims use since Mar. 1, 1938.

Reg. No. 373,904. Registered Dec. 26, 1939. MEDICAL CHEMICALS, INC., Baltimore, Md., a corporation of Maryland. Republished by registrant.



FOR GERMICIDAL AND FUNGICIDAL PREPARATIONS.
Claims use since Apr. 2, 1939.

Reg. No. 373,915. Registered Dec. 26, 1939. FASTEETH, INCORPORATED, Binghamton, N. Y. Republished by Clark-Cleveland, Incorporated, Binghamton, N. Y., a corporation of New York.

FASTEETH

FOR DENTAL PLATE POWDER.
Claims use since June 1, 1925.

Reg. No. 373,925. Registered Dec. 26, 1939. FASTEETH, INCORPORATED, Binghamton, N. Y. Republished by Clark-Cleveland, Incorporated, Binghamton, N. Y., a corporation of New York.

ALKALINE DENTURE POWDER

The words "Alkaline Denture Powder," are disclaimed.
FOR DENTAL PLATE POWDER.
Claims use since January 1932.

Reg. No. 373,963. Registered Dec. 26, 1939. KEASBEY & MATTISON COMPANY, Ambler, Pa., a corporation of Pennsylvania. Republished by registrant.



The words "Best in Asbestos" are disclaimed.
FOR MAGNESIUM CARBONATE AND MAGNESIUM OXIDE.
Claims use since about Oct. 1, 1937.

Reg. No. 377,478. Registered May 7, 1940. DR. PETER FAHRNEY & SONS CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.



All of the wording on the drawing is disclaimed except "Dr. Peter's," "Del Dottor Pietro," "Du Dr. Pierre," "Magola," "1780," "P. Fahrney, M. D.," and "Dr. Peter Fahrney & Sons Co."
FOR A PREPARATION FOR ACUTE, RELAXED AND DISTURBED CONDITIONS OF THE STOMACH AND BOWELS.
Claims use since July 25, 1939.

Reg. No. 382,102. Registered Oct. 15, 1940. W. A. HAMMOND, doing business as W. A. Hammond Drierite Company, Yellow Springs, Ohio. Republished by registrant, present location Xenia, Ohio.



No claim is made to the words "Solids—Liquids—Gases" or to the chemical symbols contained within the panel border.
FOR CHEMICAL DESICCANTS.
Claims use since about June 1934.

Reg. No. 385,915. Registered Mar. 25, 1941. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

Teel

FOR DENTIFRICE.
Claims use since Sept. 22, 1938.

Reg. No. 393,207. Registered Jan. 27, 1942. BLANKE-BAER EXTRACT & PRESERVING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

WIN-YOU

FOR FOOD COLORINGS.
Claims use since about March 1924.

Reg. No. 396,946. Registered Aug. 11, 1942. LOUIS NAPOLITAN, doing business under the name of M. Louis, New York, N. Y. Republished by registrant.

Plastique

FOR COIFFURE PRESERVING FLUID.
Claims use since February 1940.

Reg. No. 397,163. Registered Aug. 25, 1942. W. G. SHELTON COMPANY, St. Louis, Mo. Republished by Gaylord-Shelton Inc., Chicago, Ill., a corporation of Delaware.



The words "Shelton," "Kreem Wave," "Vinis" are disclaimed.
FOR PERMANENT WAVE CREAM.
Claims use since on or about July 1, 1940.

Reg. No. 402,064. Registered June 29, 1943. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.

DRAX

FOR AQUEOUS AND NONAQUEOUS WAX EMULSIONS WHICH MAKE ABSORBATIVE FIBROUS AND NONFIBROUS MATERIALS WATERPROOF AND WATER REPELLENT—NAMELY, FABRICS AND PAPER.
Claims use since Sept. 16, 1942.

Reg. No. 408,531. Registered Aug. 15, 1944. BROEMMEL'S PHARMACEUTICALS, San Francisco, Calif., a firm. Republished by registrant.

ACTILAMIDE

FOR NASAL DROPS, NASAL SPRAY AND THROAT SPRAY.
Claims use since Feb. 1, 1943.

Reg. No. 408,543. Registered Aug. 15, 1944. DOROTHY A. LONG, Amenia, N. Y. Republished by registrant.

UDDEROLE

FOR SALVE FOR TREATING INFLAMED AND SWOLLEN UDDERS OF COWS.
Claims use since Feb. 17, 1944.

Reg. No. 415,298. Registered Aug. 7, 1945. PITTSBERG CHEMICAL CO., Los Angeles, Calif. Republished by Eston Chemicals, Inc., Los Angeles, Calif., a corporation of California.



FOR FUMIGATING COMPOUNDS SUCH AS METHYL BROMIDE AND SULFUR DIOXIDE, REFRIGERANTS SUCH AS METHYL CHLORIDE AND SULPHUR DIOXIDE, FOOD PRESERVING CHEMICALS SUCH AS SULPHUR DIOXIDE AND SODIUM BISULFITE, PHOTOGRAPHIC CHEMICALS SUCH AS SODIUM METABISULPHITE, AND DISINFECTING CHEMICALS SUCH AS SULFUR DIOXIDE.
Claims use since June 15, 1938.

Reg. No. 416,291. Registered Sept. 4, 1945. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.

JOHNSON'S DRAX

FOR AQUEOUS AND NONAQUEOUS WAX EMULSIONS WHICH MAKE ABSORBATIVE FIBROUS AND NONFIBROUS MATERIALS WATERPROOF AND WATER REPELLENT—NAMELY, FABRICS AND PAPER.
Claims use since Sept. 16, 1942.

Reg. No. 417,838. Registered Nov. 20, 1945. GENERAL ANILINE & FILM CORPORATION, New York, N. Y., a corporation of Delaware. Republished by registrant.

COLORLINE

FOR CHEMICALS, PREPARATIONS, AND COMPOUNDS THEREOF USED IN PHOTOGRAPHIC PROCESSES—NAMELY, CHEMICAL COMPOUNDS DISPERSED IN AN AQUEOUS COLLOIDAL MEDIA EMPLOYED FOR COLORING GELATIN SHEETS, BLACK AND WHITE NEGATIVES, MONOCHROME DRAWINGS ON A TRANSPARENT BASE, AND FOR RETOUCHING DAMAGED AREAS IN COLORED PHOTOGRAPHS, SUCH AS TRANSPARENCIES OR PAPER PRINTS.
Claims use since June 1944.

Reg. No. 418,223. Registered Dec. 11, 1945. JOHN HUDSON MOORE, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SPORTSMAN

FOR COLOGNE, AFTER SHAVING LOTION, HAIR LOTION, TALCUM POWDER, BAY RUM, PERSONAL USE DEODORANT, FOOT POWDER, INSECT REPELLANT, AND SUN-SCREEN LOTION.
Claims use since July 7, 1941, on cologne, after shaving lotion, hair lotion, and talcum powder; since Jan. 15, 1945, on bay rum, deodorant, foot powder, insect repellant and sun-screen lotion.

Reg. No. 420,012. Registered Mar. 19, 1946. SARGEANT ACNOID PHARMACEUTICAL CO., INC., East Orange, N. J., a corporation of New Jersey. Republished by registrant.

CASTROID

FOR OINTMENT FOR THE TREATMENT OF HEMORRHOIDS.
Claims use since June 17, 1918.

Reg. No. 425,514. Registered Nov. 26, 1946. FLOWER FOODS, INC., Maywood, Ill., a corporation of Illinois. Republished by registrant.



FOR A COMPOSITION CONTAINING CHEMICAL INGREDIENTS FOR STRENGTHENING, STERILIZING, FEEDING AND PROMOTING THE DEVELOPMENT OF CUT PLANTS, AND ADAPTED TO BE ADDED TO WATER IN WHICH THE PLANTS ARE IMMERSED.
Claims use since Feb. 1, 1939.

Reg. No. 428,125. Registered Mar. 11, 1947. KENDALL REFINING COMPANY, Bradford, Pa., a corporation of Pennsylvania. Republished by registrant.

KENSOL

FOR LIQUID PETROLEUM HYDROCARBON SOLVENTS OF THE BOILING RANGE UP TO AND INCLUDING THAT OF THE GAS-OIL BOILING RANGE AND HAVING A GENERAL USE IN THE INDUSTRIAL ARTS.
Claims use since Dec. 31, 1945.

CLASS 7

CORDAGE

Reg. No. 34,328. Registered Mar. 20, 1900. ALEXANDER F. REID, Brooklyn, N. Y. Republished by The Grady-Travers Company, Incorporated, New York, N. Y., a corporation of New York.

AJAX

FOR BRAIDED COTTON SASH-CORD, HOP-TWINE, AND MATTRESS-TWINE.
Claims use since about the year 1870.

Reg. No. 34,329. Registered Mar. 20, 1900. ALEXANDER F. REID, Brooklyn, N. Y. Republished by The Grady-Travers Company, Incorporated, New York, N. Y., a corporation of New York.

HERCULES

FOR BRAIDED SASH-CORDS AND FLAX THREAD OR GILLING-THREAD.
Claims use since about 1870.

CLASS 8

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS

Reg. No. 337,877. Registered Aug. 25, 1936. LONDON HOUSE, LTD., New York, N. Y. Republished by John Hudson Moore, Inc., New York, N. Y., a corporation of New York.

MR PICKWICK

FOR SMOKERS PIPES.
Claims use since Feb. 18, 1936.

Reg. No. 369,342. Registered July 18, 1939. LONDON HOUSE, LTD., New York, N. Y. Republished by John Hudson Moore, Inc., New York, N. Y., a corporation of New York.

His Royal Highness
H. R. H.

FOR PIPES.
Claims use since about 1927.

CLASS 11

INKS AND INKING MATERIALS

Reg. No. 388,211. Registered June 17, 1941. KEE LOX MANUFACTURING COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

SAFE-TEE BRAND

The word "Brand" is disclaimed.
FOR CARBON PAPERS AND TYPEWRITER RIBBONS.
Claims use since Mar. 6, 1923.

Reg. No. 389,786. Registered Aug. 19, 1941. THE PARKER PEN COMPANY, Janesville, Wis., a corporation of Wisconsin. Republished by registrant.

51

FOR WRITING INK.
Claims use since Nov. 14, 1940.

Reg. No. 394,239. Registered Mar. 31, 1942. AMERICAN MINERAL SPIRITS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

ROTOSOL

FOR MIXTURE OF LOW BOILING LIQUID HYDROCARBONS SUITABLE FOR USE IN ROTOGRAVURE INKS.
Claims use since on or about Jan. 7, 1941.

CLASS 12

CONSTRUCTION MATERIALS

Reg. No. 179,484. Registered Feb. 12, 1924. THE S. OBERMAYER COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

ESSO BOND

FOR FURNACE CEMENT IN LAYING UP FIRE BRICK AND KINDRED USES.
Claims use since Oct. 1, 1921.

Reg. No. 192,777. Registered Dec. 9, 1924. THE S. OBERMAYER COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

RAMTITE

FOR FIRE BRICK IN PLASTIC FORM SUITABLE FOR FURNACE LINING AND KINDRED USES.
Claims use since Apr. 1, 1923.

Reg. No. 322,752. Registered Mar. 19, 1935. THE E. F. HAUSERMAN COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

MASTERWALLS

FOR REMOVABLE PARTITIONS, METAL PARTITIONS, STRUCTURAL PARTS OF SUCH PARTITIONS AND FITTINGS THEREFOR; DOORS, FRAMES, SASH RAILINGS AND GATE DOORS, ARCHITECTURAL GRILLES, WICKETS, TRANSOMS, VENTILATOR TRANSOMS.
Claims use since December 1932.

Reg. No. 327,278. Registered Aug. 20, 1935. THE KINNEAR MANUFACTURING COMPANY, Columbus, Ohio, a corporation of Ohio. Republished by registrant.

TIP-TOP

FOR DOORS.
Claims use since Oct. 20, 1934.

Reg. No. 344,320. Registered Mar. 16, 1937. KEASBEY & MATTISON COMPANY, Ambler, Pa., a corporation of Pennsylvania. Republished by registrant.

LABSTONE

FOR ASBESTOS BOARDS, ASBESTOS SHEETS, ASBESTOS LUMBER, AND ASBESTOS BUILDING MATERIALS IN FLAT AND SHEET FORM.
Claims use since about Oct. 15, 1936.

Reg. No. 346,154. Registered May 18, 1937. WESTERN WATERPROOFING COMPANY, Detroit, Mich., a corporation of Michigan. Republished by registrant.

RESTO-CRETE

FOR WATERPROOFING AND WEATHERPROOFING COMPOSITIONS—NAMELY, CEMENTITIOUS MATERIALS ADAPTED FOR USE IN CONNECTION WITH WATERPROOFING AND WEATHERPROOFING BUILDING STRUCTURES.
Claims use since Aug. 1, 1926.

Reg. No. 359,222. Registered Aug. 9, 1938. KEASBEY & MATTISON COMPANY, Ambler, Pa., a corporation of Pennsylvania. Republished by registrant.

K&M best in asbestos

The words "Best in Asbestos" are disclaimed.
FOR ASBESTOS CEMENTS, ASBESTOS PAPERS, ASBESTOS SHINGLES, COMPOSITION SHINGLES, ASBESTOS MILL BOARD, WOOL FELT INSULATION, FURNACE COVERINGS, ASBESTOS BOARDS, SLABS, TILES, SHEETS AND SIDINGS, WALL BOARDS, PIPE COVERINGS, BLOCK INSULATION, ASBESTOS LUMBER, MINERAL WOOL, HAIR FELT, MAGNESIUM INSULATION COMPRISING MAGNESIUM AND ASBESTOS FIBRE, COMPOSITION BOARDS AND MISCELLANEOUS BUILDING PRODUCTS AND MATERIALS COMPOSED OF ASBESTOS CEMENT COMPOSITION SUCH AS DOORS, STUDDING, PARTITIONS, AND ROOFING.
Claims use since Jan. 1, 1875.

Reg. No. 385,759. Registered Mar. 18, 1941. KEASBEY & MATTISON COMPANY, Ambler, Pa., a corporation of Pennsylvania. Republished by registrant.

"Century"

FOR ASBESTOS-CEMENT PIPES, ASBESTOS-CEMENT BENDS, ASBESTOS-CEMENT ELBOWS, AND COUPLINGS AND FITTINGS USED IN CONNECTION WITH ASBESTOS CEMENT PIPES; THESE PIPES ARE PREFABRICATED, MACHINE CUT, AND/OR MANUFACTURED IN PREDETERMINED LENGTHS, AND ARE ADAPTED FOR USE IN THE CONVEYANCE OF WATER, GAS, OIL, AND LIQUIDS THAT MAY OR MAY NOT BE UNDER PRESSURE, AS WELL AS SEWER PIPES, DRAINAGE PIPES, DOWN SPOUTING, AND MISCELLANEOUS LIQUID CONVEYING USES.
Claims use since about June 6, 1938.

Reg. No. 389,426. Registered Aug. 5, 1941. THE PRESS-TITE ENGINEERING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

ROPAX

FOR PUTTYING AND CAULKING COMPOUNDS.
Claims use since Feb. 21, 1941.

Reg. No. 402,279. Registered July 13, 1943. M. H. DETRICK COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

DETEGRAL

FOR REFRACTORY BLOCKS AND TILE EMPLOYED FOR THE CONSTRUCTION OF WALLS AND ARCHES, METAL MASONRY HOLDING AND SUPPORTING LUGS, AND FRAMES THEREFOR, AND HEAT INSULATION FOR SAID WALLS AND ARCHES.
Claims use since Nov. 24, 1942.

Reg. No. 403,472. Registered Sept. 28, 1943. M. H. DETRICK COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

THINSULITE

FOR REFRACTORY BLOCKS AND TILE EMPLOYED FOR THE CONSTRUCTION OF FURNACE WALLS AND ARCHES, METAL MASONRY HOLDING AND SUPPORTING LUGS, AND FRAMES FOR FURNACES AND ARCH CONSTRUCTION.
Claims use since Nov. 24, 1942.

CLASS 13

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES

Reg. No. 59,681. Registered Jan. 15, 1907. THE UNITED INJECTOR CO., New York, N. Y. Republished by Manning, Maxwell & Moore, Incorporated, New York, N. Y., a corporation of New Jersey.

THE HANCOCK

FOR VALVES, STRAINERS, AND COCKS.
Claims use since 1876.

Reg. No. 243,746. Registered June 26, 1928. HOOKLESS FASTENER COMPANY, Meadville, Pa. Republished by Talon, Inc., Meadville, Pa., a corporation of Pennsylvania.

TALON

FOR SEPARABLE FASTENERS OF THE SLIDER-CONTROLLED TYPE.
Claims use since Feb. 10, 1928.

Reg. No. 245,274. Registered Aug. 7, 1928. NORTH & JUDD MANUFACTURING COMPANY, New Britain, Conn. Republished by Talon, Inc., Meadville, Pa., a corporation of Pennsylvania.

WHIZZER

FOR SLIDER-CONTROLLED FASTENERS.
Claims use since Jan. 5, 1928.

Reg. No. 422,228. Registered July 9, 1946. AIRCRAFT SCREW PRODUCTS COMPANY, INC., Long Island City, N. Y., a corporation of New York. Republished by registrant.

HELI COIL

The word "Coil" and the representation of the threaded member are disclaimed.
FOR SCREW CONNECTIONS AND PARTS OF SCREW CONNECTIONS—NAMELY, SCREWS, BOLTS, STUDS, NUTS, THREAD-INSERTS, AND THREAD BUSHINGS, FOR USE IN DRILLED AND THREADED HOLES.
Claims use since Nov. 20, 1942.

CLASS 14

METALS AND METAL CASTINGS AND FORGINGS

Reg. No. 131,302. Registered May 11, 1920. THE DUFF MANUFACTURING COMPANY, Pittsburgh, Pa. Republished by The Duff-Norton Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania.

D

FOR DROP-FORGED PARTS.
Claims use since Nov. 12, 1919.

Reg. No. 365,622. Registered Mar. 14, 1939. DRY-ZERO CORPORATION, Chicago, Ill. Republished by The Lindsay Corporation, Melrose Park, Ill., a corporation of Illinois.

LS

FOR FERROUS METAL SHAPES AND SHEETS FOR METAL STRUCTURES.
Claims use since Sept. 21, 1938.

CLASS 15

OILS AND GREASES

Reg. No. 399,615. Registered Jan. 19, 1943. THE PURE OIL COMPANY, Chicago, Ill., a corporation of Ohio. Republished by registrant.

PURODYNE

FOR GASOLINE AND MOTOR FUEL OILS.
Claims use since on or about July 21, 1942.

Reg. No. 427,252. Registered Feb. 4, 1947. KENDALL REFINING COMPANY, Bradford, Pa., a corporation of Pennsylvania. Republished by registrant.

KENDEX

FOR VISCOUS OILS AND PETROLATUM WAXES DERIVED FROM PETROLEUM FOR GENERAL USE IN THE INDUSTRIAL ARTS.
Claims use since Aug. 11, 1945.

CLASS 16

PAINTS AND PAINTERS' MATERIALS

Reg. No. 106,108. Registered Oct. 12, 1915. S. C. JOHNSON & SON, Racine, Wis. Republished by S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin.

JOHNSON'S

FOR POWDERED WAX, PREPARED WAX, WOOD-DYE, PASTE WOOD-FILLER, VARNISH-REMOVER, AND FLOOR-CLEANER.
Claims use since Jan. 1, 1888.

Reg. No. 230,757. Registered Aug. 2, 1927. S. C. JOHNSON & SON, Racine, Wis. Republished by S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin.

JOHNSON'S

FOR OIL AND SPIRIT STAINS, VARNISH STAIN, VARNISH, AND WOOD AND CRACK FILLER.
Claims use since 1901 or before for oil and spirit stains; since 1919 for varnish stain; and since before Jan. 1, 1895 for varnish, wood and crack filler.

Reg. No. 298,966. Registered Nov. 15, 1932. S. C. JOHNSON & SON, Racine, Wis. Republished by S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin.

PerfecTone

FOR PAINT ENAMELS AND UNDERCOATS.
Claims use since Jan. 15, 1920.

Reg. No. 298,967. Registered Nov. 15, 1932. S. C. JOHNSON & SON, Racine, Wis. Republished by S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin.

No. 25

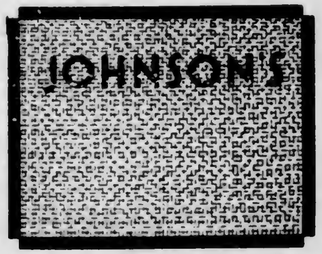
FOR PAINT ENAMELS.
Claims use since Apr. 18, 1928.

Reg. No. 299,289. Registered Nov. 29, 1932. S. C. JOHNSON & SON, Racine, Wis. Republished by S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin.

PERMACOTE

FOR PAINTS AND UNDERCOATS.
Claims use since Apr. 7, 1920.

Reg. No. 300,874. Registered Feb. 14, 1933. S. C. JOHNSON & SON, Racine, Wis. Republished by S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin.



The drawing is lined for yellow.
FOR WAX FOR COATING AND POLISHING WOOD, METAL, AND OTHER SURFACES, AND LACQUER.
Claims use since Jan. 21, 1931, on wax; and since Sept. 29, 1931, on lacquer.

Reg. No. 301,319. Registered Feb. 28, 1933. S. C. JOHNSON & SON, Racine, Wis. Republished by S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin.



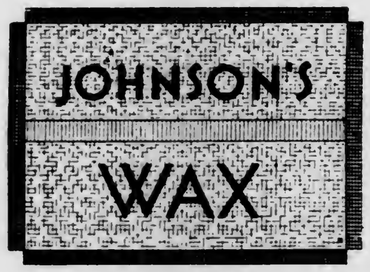
FOR POLISHING WAX FOR COATING AND POLISHING WOOD, METAL, AND OTHER SURFACES.
Claims use since Jan. 21, 1931.

Reg. No. 304,665. Registered July 11, 1933. S. C. JOHNSON & SON, Racine, Wis., assignor to S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin. Republished by S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin.



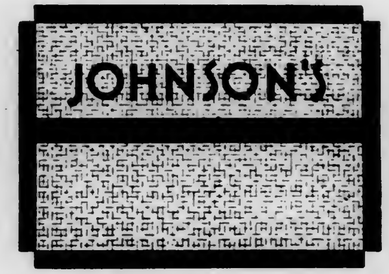
The word "Wax" is disclaimed.
FOR POLISHING WAX FOR COATING AND POLISHING WOOD, METAL, AND OTHER SURFACES.
Claims use since Jan. 21, 1931.

Reg. No. 305,536. Registered Aug. 22, 1933. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.



The word "Wax" is disclaimed. The drawing is lined to indicate the colors yellow, black, and red.
FOR WAX FOR COATING AND POLISHING WOOD, METAL, AND OTHER SURFACES, AND LACQUER.
Claims use since Jan. 21, 1931, for wax; and since July 10, 1931, for lacquer.

Reg. No. 310,728. Registered Mar. 6, 1934. S. C. JOHNSON & SON, Racine, Wis., assignor to S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin. Republished by S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin.



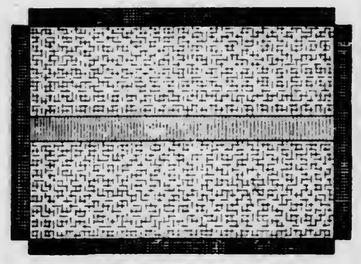
The drawing is lined to indicate the color yellow.
FOR WAX FOR COATING AND POLISHING WOOD, METAL, AND OTHER SURFACES, AUTOMOBILE CLEANER, AND LACQUER.
Claims use since Jan. 21, 1931, for wax; since July 10, 1931, for automobile cleaner; and since Sept. 29, 1931, for lacquer.

Reg. No. 311,434. Registered Mar. 20, 1934. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.

PERMA PRIME

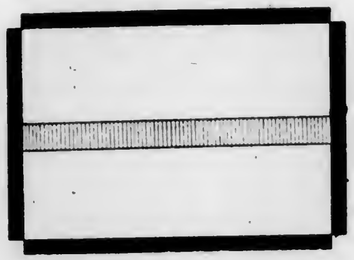
The word "Prime" is disclaimed.
FOR PAINT UNDERCOATS AND PRIMING COATS.
Claims use since Jan. 22, 1931.

Reg. No. 316,337. Registered Aug. 21, 1934. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.



The drawing is lined for the colors yellow, black, and red.
FOR WAX FOR COATING AND POLISHING WOOD, METAL, AND OTHER SURFACES, AND LACQUER.
Claims use since Jan. 21, 1931, on wax; and since July 10, 1931, on lacquer.

Reg. No. 320,878. Registered Jan. 15, 1935. S. C. JOHNSON & SON, Racine, Wis., assignor to S. C. Johnson & Son, Inc. Republished by S. C. Johnson & Son, Inc., Racine, Wis., a corporation of Wisconsin.



The mark is lined for the color red.
FOR POLISHING WAX FOR COATING AND POLISHING WOOD, METAL, AND OTHER SURFACES.
Claims use since Jan. 21, 1931.

Reg. No. 321,364. Registered Jan. 29, 1935. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.

GLO-COAT

The word "Coat" is disclaimed.
FOR PAINT ENAMELS AND LIQUID POLISH FOR FINISHING AND COATING FLOORS AND OTHER SURFACES OF WOOD, LINOLEUM, RUBBER, CORK, TILE ASPHALT, CONCRETE, CEMENT, COMPOSITION, MASTIC, MAGNESITE, TERRAZZO, MARBLE, TRAVERTINE, STONE, SLATE, AND METAL.
Claims use since Apr. 4, 1920.

Reg. No. 336,189. Registered June 30, 1936. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.



FOR WAX FOR COATING AND POLISHING WOOD, METAL, AND OTHER SURFACES, AND LACQUER.
Claims use since Jan. 21, 1931, for wax; and since July 10, 1931, for lacquer.

Reg. No. 336,511. Registered July 7, 1936. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.

JOHNSON'S
Wax
FURNITURE POLISH

The words "Wax," "Furniture," and "Polish" are disclaimed.
FOR LIQUID WAX POLISH FOR FINISHING AND COATING FURNITURE AND INTERIOR FINISHED SURFACES.
Claims use since Feb. 20, 1935.

Reg. No. 344,112. Registered Mar. 16, 1937. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.

JOHNSON'S
GLO-COAT

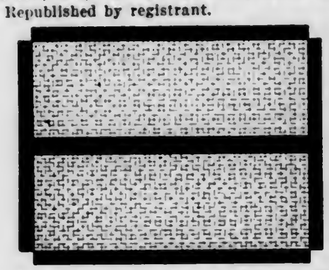
The suffix "Coat" apart from the prefix "Glo" or apart from the entire trade-mark is disclaimed.
FOR LIQUID POLISH FOR FINISHING AND COATING FLOORS AND OTHER SURFACES OF WOOD, LINOLEUM, RUBBER, CORK, TILE, ASPHALT, CONCRETE, CEMENT, COMPOSITION, MASTIC, MAGNESITE, TERRAZZO, MARBLE, TRAVERTINE, STONE, SLATE, AND METAL, AND OTHER MATERIALS.
Claims use since Jan. 16, 1932, for liquid polish for floors and other surfaces.

Reg. No. 344,220. Registered Mar. 16, 1937. BENNETT GLASS & PAINT COMPANY, Salt Lake City, Utah. Republished by Bennett's, Salt Lake City, Utah., a corporation of Utah.

COLORIZER

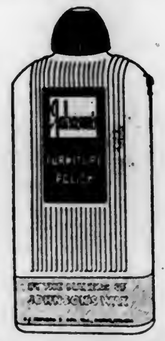
FOR COLORING MATERIAL FOR PAINTS.
Claims use since Oct. 10, 1936.

Reg. No. 345,368. Registered Apr. 27, 1937. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.



The drawing is lined to indicate the color yellow.
FOR WAX FOR COATING AND POLISHING WOOD, METAL, AND OTHER SURFACES, AND LACQUER.
Claims use since Jan. 21, 1931, for wax; and since July 10, 1931, for lacquer.

Reg. No. 349,170. Registered Aug. 24, 1937. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.



All the wording except "Johnson's" and "S. C. Johnson & Son Inc," the flutings blown into the glass of the bottle, and the representation of a bottle or container per se are disclaimed.
FOR LIQUID WAX POLISH.
Claims use since Feb. 20, 1935.

Reg. No. 349,609. Registered Aug. 31, 1937. LYNN M. SCOFIELD, doing business as L. M. Scofield Company, Huntington Park, Calif. Republished by L. M. Scofield Company, Huntington Park, Calif., a firm.

Lithochrome

FOR WAX PRODUCTS FOR THE PRESERVATION AND MAINTENANCE OF SURFACES.
Claims use since 1927.

Reg. No. 349,902. Registered Sept. 14, 1937. I. F. LAUCKS, INC., Seattle, Wash. Republished by Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware.

REZITE

FOR UNDER OR PRIMING COAT FOR WOOD, CEMENT, PLASTER, OR BRICK AND FOR A FILLER, SEALER, AND GRAIN RAISING INHIBITOR FOR LUMBER AND PLYWOOD.
Claims use since Apr. 24, 1936.

Reg. No. 367,325. Registered May 9, 1939. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.

Shur-tred

FOR LIQUID POLISH FOR FINISHING AND COATING FLOORS AND OTHER SURFACES OF WOOD, LINOLEUM, RUBBER, CORK, TILE, ASPHALT, CONCRETE, CEMENT, COMPOSITION, MASTIC, MAGNESITE, TERRAZZO, MARBLE, TRAVERTINE, STONE, SLATE, AND METAL.
Claims use since Oct. 14, 1938.

Reg. No. 370,447. Registered Aug. 29, 1939. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.

TRAFFIC-COTE

The word "Cote" is disclaimed.
FOR VARNISH.
Claims use since Apr. 26, 1938.

Reg. No. 389,387. Registered Aug. 5, 1941. U. S. SANITARY SPECIALTIES CORPORATION, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Preserva-Seal

The word "Seal" is disclaimed.
FOR STAIN AND FILLER FOR WOOD FLOORS AND THE LIKE.
Claims use since Aug. 9, 1933.

Reg. No. 399,112. Registered Dec. 15, 1942. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.

JOHNSON'S
Cream
WAX

The words "Cream Wax" are disclaimed.
FOR LIQUID WAX POLISH FOR FINISHING AND COATING FURNITURE AND INTERIOR AND EXTERIOR FINISHED SURFACES.
Claims use since Aug. 1, 1935.

Reg. No. 399,113. Registered Dec. 15, 1942. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.

JOHNSON'S

FOR LIQUID WAX POLISH FOR FINISHING AND COATING FURNITURE AND INTERIOR AND EXTERIOR FINISHED SURFACES.
Claims use since Aug. 1, 1935.

CLASS 17

TOBACCO PRODUCTS

Reg. No. 23,874. Registered Nov. 28, 1893. EDWIN F. LAW, Lancaster, Pa. Republished by Bayuk Cigars Incorporated, Philadelphia, Pa., a corporation of Maryland.



FOR CIGARS.
Claims use since the latter part of February 1888.

Reg. No. 204,541. Registered May 31, 1932. THE GEORGE SCHAFER-H. C. PFAFF CIGAR COMPANY, Baltimore, Md., a corporation of Maryland. Republished by registrant.



FOR CIGARS.
Claims use since Oct. 29, 1895.

Reg. No. 400,081. Registered Feb. 16, 1943. JOHN HUDSON MOORE, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SPORTSMAN

FOR SMOKING TOBACCO.
Claims use since July 13, 1942.

CLASS 19

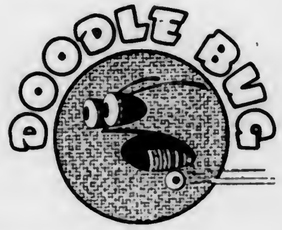
VEHICLES

Reg. No. 359,783. Registered Aug. 30, 1938. THE BUDA COMPANY, Harvey, Ill., a corporation of Illinois. Republished by registrant.

CHORE BOY

FOR SELF OR MANUALLY PROPELLED SHOP TRUCKS AND CARTS.
Claims use since Mar. 10, 1938.

Reg. No. 425,665. Registered Nov. 26, 1946. SOLAR CORPORATION, Milwaukee, Wis., and Webster City, Iowa, a corporation of Delaware. Republished by registrant, present location Milwaukee, Wis.



FOR MOTOR SCOOTERS.
Claims use since Mar. 4, 1946.

CLASS 21

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES

Reg. No. 204,006. Registered Oct. 6, 1925. CENTRAL RADIO LABORATORIES, Milwaukee, Wis. Republished by Globe-Union Inc., Milwaukee, Wis., a corporation of Delaware.

Centralab

FOR RADIO SIGNALING APPARATUS, AND PARTS THEREOF COMPRISING CONDENSERS, GRID LEAKS, POTENTIOMETERS, RHEOSTATS, SWITCH ARMS AND LEVERS, TRANSFORMERS, AND TUNERS.
Claims use since July 1, 1924.

Reg. No. 214,404. Registered June 22, 1926. UNITED ELECTRICAL MFG. CO., Adrian, Mich. Republished by Bersted Manufacturing Company, Fostoria, Ohio, a corporation of Ohio.

ESKIMO

FOR ELECTRICAL FANS.
Claims use since Apr. 1, 1925.

Reg. No. 255,452. Registered Apr. 23, 1929. THE ANDERSON-PITT CORPORATION, Kansas City, Mo. Republished by Bersted Manufacturing Company, Fostoria, Ohio, a corporation of Ohio.

Focalipse

FOR RADIANT ELECTRIC HEATERS.
Claims use since Aug. 15, 1928.

Reg. No. 328,172. Registered Sept. 17, 1935. PHILLIPS & BUTTORFF MANUFACTURING COMPANY, Nashville, Tenn., a corporation of Tennessee. Republished by registrant.



The word "Electric" is disclaimed.
FOR ELECTRIC RANGES.
Claims use since Mar. 1, 1934.

Reg. No. 349,887. Registered Sept. 14, 1937. EMERSON RADIO & PHONOGRAPH CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.



The words "Radio and Television" are disclaimed.
FOR RADIO RECEIVING SETS, TELEVISION RECEIVING SETS, RADIO-TELEVISION RECEIVING SETS, AND PARTS THEREOF—VIZ., TUBES, ELIMINATORS, AND LOUD SPEAKERS.
Claims use since about July 1, 1927.

Reg. No. 350,059. Registered Sept. 14, 1937. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio, a corporation of Ohio. Republished by registrant.

GENERAL

FOR STORAGE BATTERIES.
Claims use since Oct. 15, 1913.

Reg. No. 375,029. Registered Feb. 6, 1940. JAMES MILLEN MANUFACTURING COMPANY, INC., Malden, Mass., a corporation of Massachusetts. Republished by registrant.

QUARTZ Q

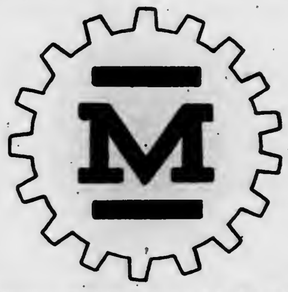
The word "Quartz" is disclaimed. In the drawing the lining of the letters "Q" indicates the color red.
FOR DIELECTRIC MATERIAL IN SHEETS AND MOLDED FORMS USED PRIMARILY AS DIELECTRICS IN ELECTRICAL CONDENSERS, COIL FORMS, AND OTHER RADIO AND ELECTRICAL APPARATUS.
Claims use since June 2, 1939.

Reg. No. 376,711. Registered Apr. 2, 1940. W. N. MATTHEWS CORPORATION, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

RINGAP

FOR LIGHTNING PROTECTION DEVICES.
Claims use since on or about July 15, 1939.

Reg. No. 385,754. Registered Mar. 18, 1941. JAMES MILLEN MANUFACTURING COMPANY, INC., Malden, Mass., a corporation of Massachusetts. Republished by registrant.



FOR RADIO COMMUNICATION RECEIVERS, TRANSMITTERS, AND COMPONENT PARTS THEREOF, EXCLUDING BATTERIES.
Claims use since June 2, 1939.

Reg. No. 389,672. Registered Aug. 19, 1941. KEASBEY & MATTISON COMPANY, Ambler, Pa., a corporation of Pennsylvania. Republished by registrant.

"Century"

FOR ASBESTOS CEMENT CONDUIT AND DUCT AND ASBESTOS CEMENT COUPLINGS AND FITTINGS USED IN CONNECTION WITH CONDUIT AND DUCT FOR USE IN ELECTRICAL WIRING AND CABLE INSTALLATIONS.
Claims use since June 6, 1938.

Reg. No. 394,171. Registered Mar. 24, 1942. TRAF-O-LITE, Oak Park, Ill. Republished by George D. Hefner, Chicago, Ill.



The word "Lite" and the representation of the goods disclosed in the trade-mark are disclaimed apart from the

mark shown in the drawing. The linings used in the drawing are the official designations for colors red, yellow, and gray.

FOR COMBINATION TRAFFIC CONTROL AND FLASH LIGHT.

Claims use since June 1, 1941.

Reg. No. 401,763. Registered June 8, 1943. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.

JOHNSON'S *Streamliner* POLISHER

The word "Polisher" is disclaimed.

FOR ELECTRIC FLOOR POLISHING MACHINES.

Claims use since Sept. 15, 1941.

Reg. No. 402,849. Registered Aug. 17, 1943. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.

Streamliner

FOR ELECTRIC FLOOR POLISHING MACHINES.

Claims use since Sept. 15, 1941.

Reg. No. 409,923. Registered Oct. 31, 1944. THE GENERAL INDUSTRIES COMPANY, Elyria, Ohio, a corporation of Ohio. Republished by registrant.

G.I.

FOR ELECTRIC MOTORS, ELECTRIC RECORD CHANGERS FOR PHONOGRAPHS, AND ELECTRIC PHONOGRAPH RECORDERS.

Claims use since on or about Feb. 15, 1944.

Reg. No. 409,924. Registered Oct. 31, 1944. THE GENERAL INDUSTRIES COMPANY, Elyria, Ohio, a corporation of Ohio. Republished by registrant.



FOR ELECTRIC MOTORS, ELECTRIC RECORD CHANGERS FOR PHONOGRAPHS, AND ELECTRIC PHONOGRAPH RECORDERS.

Claims use since on or about Feb. 15, 1944.

Reg. No. 409,925. Registered Oct. 31, 1944. THE GENERAL INDUSTRIES COMPANY, Elyria, Ohio, a corporation of Ohio. Republished by registrant.

GI

FOR ELECTRIC MOTORS, ELECTRIC RECORD CHANGERS FOR PHONOGRAPHS, AND ELECTRIC PHONOGRAPH RECORDERS.

Claims use since on or about Feb. 15, 1944.

Reg. No. 414,519. Registered June 12, 1945. STERLING TOOL PRODUCTS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

1000

FOR UNITARY AND PORTABLE ELECTRIC SANDING MACHINES.

Claims use since Sept. 21, 1943.

Reg. No. 422,431. Registered July 23, 1946. TRIANGLE CONDUIT & CABLE CO., INC., New Brunswick, N. J., a corporation of Delaware. Republished by registrant.



All the wording shown in the drawing of the mark is disclaimed.

FOR RIGID CONDUIT BOTH GALVANIZED AND BLACK ENAMELED, AND ALL THE OTHER ITEMS LISTED IN THE REGISTRATION.

Claims use since March 1942.

Reg. No. 429,756. Registered May 20, 1947. THE GENERAL INDUSTRIES COMPANY, Elyria, Ohio, a corporation of Ohio. Republished by registrant.



FOR ELECTRICALLY OPERATED PHONOGRAPHS OF THE DOMESTIC TYPE AND PARTS THEREOF, SUCH PARTS BEING ELECTRIC MOTORS, ELECTRIC AUTOMATIC RECORD CHANGERS, AND ELECTRIC AUTOMATIC PHONOGRAPH RECORDERS.

Claims use since on or about June 1941.

CLASS 22

GAMES, TOYS, AND SPORTING GOODS

Reg. No. 24,237. Registered Feb. 13, 1894. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill. Republished by The Brunswick-Balke-Collender Company, Chicago, Ill., a corporation of Delaware.



FOR BILLIARD-TABLE CUSHIONS.

Claims use since July 1877.

Reg. No. 265,748. Registered Jan. 7, 1930. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

NU-PEG

FOR PIN SPOTTERS.

Claims use since Aug. 5, 1929.

Reg. No. 340,930. Registered Nov. 24, 1936. PENNSYLVANIA RUBBER COMPANY, Jeannette, Pa., a corporation of Pennsylvania. Republished by registrant.



The drawing is lined for red.

FOR SHUTTLECOCKS.

Claims use since June 19, 1936.

Reg. No. 341,079. Registered Dec. 1, 1936. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

DUKE

FOR BOWLING PINS.

Claims use since Jan. 1, 1936.

Reg. No. 341,080. Registered Dec. 1, 1936. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

KING

FOR BOWLING PINS.

Claims use since Jan. 1, 1936.

Reg. No. 341,081. Registered Dec. 1, 1936. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

QUEEN

FOR BOWLING PINS.

Claims use since Jan. 1, 1936.

Reg. No. 344,484. Registered Mar. 23, 1937. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

"CHALLENGER"

FOR BILLIARD CUES.

Claims use since Oct. 15, 1936.

Reg. No. 398,540. Registered Nov. 3, 1942. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

CENTENNIAL

FOR BILLIARD TABLES.

Claims use since Sept. 24, 1941.

Reg. No. 415,715. Registered Aug. 14, 1945. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

MONARCH

FOR BOWLING PINS.

Claims use since Feb. 8, 1945.

Reg. No. 416,217. Registered Sept. 4, 1945. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

MONARCH

FOR BILLIARD TABLE CUSHIONS.
Claims use since July 1877.

CLASS 23

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF

Reg. No. 57,990. Registered Dec. 4, 1906. THE UNITED INJECTOR CO., New York, N. Y. Republished by Manning, Maxwell & Moore, Incorporated, New York, N. Y., a corporation of New Jersey.

THE HANCOCK INSPIRATOR

FOR INSPIRATORS.
Claims use since 1876.

Reg. No. 59,418. Registered Jan. 8, 1907. THE UNITED INJECTOR CO., New York, N. Y. Republished by Manning, Maxwell & Moore, Incorporated, New York, N. Y., a corporation of New Jersey.

METROPOLITAN

FOR INJECTORS.
Claims use since August 1888.

Reg. No. 88,644. Registered Oct. 8, 1912. THE UNITED INJECTOR CO., New York, N. Y. Republished by Manning, Maxwell & Moore, Incorporated, New York, N. Y., a corporation of New Jersey.

HANCOCK

FOR EJECTORS.
Claims use since 1876.

Reg. No. 98,775. Registered Aug. 4, 1914. HEPPENSTALL FORGE & KNIFE COMPANY, Pittsburgh, Pa. Republished by Heppenstall Company, Pittsburgh, Pa., a corporation of Pennsylvania.



FOR SHEAR-KNIVES AND DIE-BLOCKS.
Claims use since Jan. 1, 1912.

Reg. No. 104,626. Registered June 8, 1915. MOLINE TOOL COMPANY, Moline, Ill., a corporation of Illinois. Republished by registrant.

HOLE HOG

FOR BORING AND DRILLING MACHINES.
Claims use since July 1, 1910.

Reg. No. 200,091. Registered June 23, 1925. THE CLEVELAND TRENCHER COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

BABY DIGGER

The word "Digger" is disclaimed.
FOR TRENCH DIGGING MACHINES.
Claims use since Jan. 2, 1925.

Reg. No. 211,435. Registered Apr. 13, 1926. HEPPENSTALL FORGE & KNIFE COMPANY, Pittsburgh, Pa. Republished by Heppenstall Company, Pittsburgh, Pa., a corporation of Pennsylvania.

HOTKUT

FOR SHEAR KNIVES.
Claims use since Oct. 1, 1924.

Reg. No. 325,259. Registered June 18, 1935. CHAMPION OUTBOARD MOTORS, Minneapolis, Minn. Republished by Champion Motors Company, Minneapolis, Minn., a corporation of Minnesota.

CHAMPION

FOR OUTBOARD MOTORS.
Claims use since on or about Dec. 1, 1934.

Reg. No. 326,789. Registered Aug. 6, 1935. TUTHILL PUMP COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

FUELSTAT

FOR OIL PUMPS.
Claims use since Feb. 22, 1935.

Reg. No. 353,599. Registered Jan. 11, 1938. TURNER, DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork and Hoe Company, Cleveland, Ohio, a corporation of Ohio.



The word "Handles" and the representation of a handle are disclaimed.
FOR TOOL HANDLES—VIZ., WOODEN HANDLES FOR AXES, HATCHETS, AND SIMILAR IMPLEMENTS.
Claims use since May 26, 1937.

Reg. No. 355,383. Registered Mar. 15, 1938. MACCLATCHIE MANUFACTURING COMPANY OF CALIFORNIA, Compton, Calif., a corporation of California. Republished by registrant.

MONEY SAVER

FOR LINERS FOR PUMPS.
Claims use since Apr. 1, 1934.

Reg. No. 361,488. Registered Oct. 18, 1938. BONIS BROS. FUR MACHINERY CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.



The words "Never Stop" are disclaimed.
FOR FUR SEWING MACHINES.
Claims use since about May 2, 1938.

Reg. No. 362,875. Registered Dec. 6, 1938. MACCLATCHIE MANUFACTURING COMPANY OF CALIFORNIA, Compton, Calif., a corporation of California. Republished by registrant.

AIR FLOTE

FOR VALVES FOR PUMPS.
Claims use since July 26, 1937.

Reg. No. 371,635. Registered Oct. 3, 1939. THE AMERICAN FORK AND HOE COMPANY, Cleveland Ohio, a corporation of Ohio. Republished by registrant.

LAWN MASTER

The word "Lawn" is disclaimed.
FOR HAND AGRICULTURAL AND GARDEN IMPLEMENTS—NAMELY, RAKES AND PARTS THEREOF.
Claims use since on or about July 1, 1930.

Reg. No. 376,737. Registered Apr. 2, 1940. TURNER, DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky. Republished by The American Fork & Hoe Company, Cleveland, Ohio, a corporation of Ohio.

WHIPCORD

FOR WOODEN HANDLES FOR AXES, HATCHETS, AND SIMILAR IMPLEMENTS.
Claims use since Oct. 10, 1939.

Reg. No. 404,358. Registered Nov. 23, 1943. AIRCRAFT SCREW PRODUCTS COMPANY, INCORPORATED, Long Island City, N. Y., a corporation of New York. Republished by registrant.



The term "Thread" is disclaimed.
FOR TOOLS, APPARATUS AND MACHINES FOR USE IN CONNECTION WITH SCREW CONNECTIONS AND THEIR PARTS—NAMELY, TAPPING TOOLS, INSERT-COILING MACHINES, INSERTING AND EXTRACTING TOOLS, SCREW DRIVERS, STUD DRIVERS, WRENCHES, STAKING TOOLS, GAUGING TOOLS.
Claims use since Mar. 30, 1942.

Reg. No. 414,439. Registered June 12, 1945. INFILCO INCORPORATED, Chicago, Ill., a corporation of Delaware. Republished by registrant.

ACCELO-BIOX

FOR ACTIVATED SLUDGE TYPE SEWAGE TREATING PLANTS AND PARTS THEREOF, SUCH PARTS INCLUDING AERATORS, CLARIFIERS, ACTIVATED SLUDGE AERATION BASINS, PIPING AND FLOW CONTROLLERS.
Claims use since Sept. 24, 1943.

Reg. No. 418,215. Registered Dec. 11, 1945. FEDERAL ELECTRIC COMPANY, INC., Chicago, Ill., a corporation of New York. Republished by registrant.

FOR OIL WELL DRILLING BITS, WRENCHES, PIPE THREADERS, AND TRIMMERS, NONELECTRIC SIRENS, EXHAUST AND AIR WHISTLES, AND APPLIANCES THEREFOR.

Claims use since July 1929 on air whistles and appliances; and since various dates on other items.

CLASS 26

MEASURING AND SCIENTIFIC APPLIANCES

Reg. No. 210,069. Registered Mar. 9, 1926. HANSON BROTHERS SCALE COMPANY, Chicago, Ill. Republished by Hanson Scale Company, Chicago, Ill., a corporation of Illinois.

Weigh-Master

FOR WEIGHING SCALES FOR USE IN THE HOUSEHOLD AND BY PHYSICIANS.

Claims use since Jan. 7, 1925.

Reg. No. 356,240. Registered Apr. 19, 1938. S. F. BOWSER & COMPANY, INCORPORATED, Fort Wayne, Ind. Republished by Bowser, Inc., Fort Wayne, Ind., a corporation of Indiana.

XACTOMOUNT

FOR METERS FOR OILS, GASOLINES, AND OTHER LIQUIDS, PREDETERMINED STOP DEVICES FOR USE WITH LIQUID METERS TO CONTROL THE OPERATION THEREOF AND REGISTERS FOR USE WITH LIQUID METERS TO INDICATE AND/OR RECORD THE OPERATION THEREOF.

Claims use since Aug. 10, 1937.

Reg. No. 359,065. Registered Aug. 2, 1938. THE HALOID COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

COPYLITE

FOR LIGHT SENSITIVE PAPER.

Claims use since Dec. 14, 1937.

Reg. No. 366,527. Registered Apr. 18, 1939. THE HALOID COMPANY, Rochester, N. Y., a corporation of New York. Republished by registrant.

HALOID

FOR LIGHT SENSITIVE PAPER AND FILM.

Claims use since April 1906.

Reg. No. 374,092. Registered Jan. 2, 1940. S. F. BOWSER & COMPANY, INCORPORATED, Fort Wayne, Ind. Republished by Bowser, Inc., Fort Wayne, Ind., a corporation of Indiana.

TELEFLO

FOR DIRECTION AND/OR RATE OF LIQUID FLOW INDICATORS.

Claims use since Oct. 12, 1938.

Reg. No. 376,523. Registered Mar. 26, 1940. AGFA ANSCO CORPORATION, Binghamton, N. Y., assignor to General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware. Republished by General Aniline & Film Corporation, New York, N. Y., a corporation of Delaware.

FLUORAPID

FOR PHOTOGRAPHIC FILM, PARTICULARLY X-RAY FILM.

Claims use since on or about Oct. 20, 1939.

Reg. No. 386,553. Registered Apr. 15, 1941. FISCHER & PORTER COMPANY, Philadelphia, Pa. Republished by Fischer & Porter Company, Hatboro, Pa., a corporation of Pennsylvania.

Stabl-Vis

FOR FLUID FLOW METERS.

Claims use since Oct. 2, 1940.

Reg. No. 394,541. Registered Apr. 14, 1942. S. F. BOWSER & COMPANY, INCORPORATED, Fort Wayne, Ind. Republished by Bowser, Inc., Fort Wayne, Ind., a corporation of Indiana.

PETINCO

FOR PREDETERMINED STOP MEANS FOR LIQUID DISPENSING APPARATUS.

Claims use since Aug. 29, 1940.

Reg. No. 396,098. Registered June 30, 1942. REPUBLIC FLOW METERS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

REPUBLIC

FOR FLUID FLOWMETERS, RING-BALANCE METERS, CHART TYPE RECORDERS FOR RECORDING FLUID FLOW, PRESSURE, TEMPERATURE, FURNACE DRAFT, LIQUID LEVELS AND PERCENTAGE OF CO_2, PANEL ASSEMBLIES OF METERS AND RECORDERS, CHARTS FOR USE ON RECORDERS, AND INTEGRATORS.

Claims use since September 1930.

Reg. No. 397,665. Registered Sept. 15, 1942. REPUBLIC FLOW METERS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

REPUBLIC

FOR FLUID FLOWMETERS, RING BALANCE METERS, AND ALL THE OTHER ITEMS NAMED IN THE REGISTRATION.

Claims use since February 1914.

Reg. No. 416,223. Registered Sept. 4, 1945. INFILCO INCORPORATED, Chicago, Ill., a corporation of Delaware. Republished by registrant.

ROBOTROL

FOR AUTOMATIC APPARATUS FOR USE IN CONNECTION WITH FILTERS, ZEOLITE SOFTENERS, GRANULAR ACTIVATED CARBON PURIFIERS AND SIMILAR EQUIPMENT USED IN LIQUID PURIFICATION, FOR THE PURPOSE OF INDICATING AND CONTROLLING THE RESPECTIVE FLOWS OF LIQUID THROUGH SUCH EQUIPMENT, AND PARTS OF SUCH AUTOMATIC APPARATUS.

Claims use since May 17, 1938.

Reg. No. 419,315. Registered Feb. 12, 1946. JAMES MILLEN MANUFACTURING COMPANY, INC., Malden, Mass., a corporation of Massachusetts. Republished by registrant.

FOR ELECTRONIC METERS AND MEASURING APPLIANCES—NAMELY SYNCHROSCOPES, HIGH FREQUENCY WAVE CALIBRATORS, ABSORPTION METERS AND HIGH FREQUENCY WAVE METERS, USED FOR THE MEASUREMENT OF PULSE TRANSMISSION AND HIGH FREQUENCY DETERMINATION IN THE ELECTRONIC FIELDS, AND COMPONENT PARTS THEREOF.

Claims use since May 1940.

CLASS 28

JEWELRY AND PRECIOUS-METAL WARE

Reg. No. 188,767. Registered Sept. 2, 1924. AARON E. JOHNSON, Minneapolis, Minn. Republished by registrant.

Orchid

FOR FINGER RINGS.

Claims use since Mar. 25, 1924.

CLASS 29

BROOMS, BRUSHES, AND DUSTERS

Reg. No. 319,479. Registered Nov. 27, 1934. S. C. JOHNSON & SON, INC., Racine, Wis., a corporation of Wisconsin. Republished by registrant.



The representation of the mop is disclaimed. The trademark consists of a wide yellow stripe in the wiping substance of the mop.

FOR MOPS AND DUSTERS.

Claims use since Feb. 6, 1930.

Reg. No. 347,410. Registered June 22, 1937. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

TABLEMASTER

FOR BRUSHES FOR BILLIARD TABLES.

Claims use since Dec. 28, 1936.

Reg. No. 405,375. Registered Jan. 25, 1944. JOHN HUDSON MOORE, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SPORTSMAN

FOR HAIRBRUSHES, TOOTHBRUSHES, NAIL BRUSHES, BATH BRUSHES, COMPLEXION BRUSHES, HAND BRUSHES, AND HAT BRUSHES.

Claims use since Aug. 11, 1943.

CLASS 30

CROCKERY, EARTHENWARE, AND PORCELAIN

Reg. No. 234,917. Registered Nov. 8, 1927. EUGENE L. FONDEVILLE, doing business as A. J. Fondeville & Co., New York, N. Y. Republished by Fondeville & Co., Inc., New York, N. Y., a corporation of New York.



The terms "Ware" and "England" are disclaimed.
FOR PORCELAIN WARE.
Claims use since June 1, 1927.

Reg. No. 234,918. Registered Nov. 8, 1927. EUGENE L. FONDEVILLE, doing business as A. J. Fondeville & Co., New York, N. Y. Republished by Fondeville & Co., Inc., New York, N. Y., a corporation of New York.



CHANTICLEER
WARE
FONDEVILLE
ENGLAND

The terms "Ware," "England," and "Fondeville" are disclaimed.
FOR PORCELAIN WARE.
Claims use since June 1, 1927.

CLASS 31

FILTERS AND REFRIGERATORS

Reg. No. 374,272. Registered Jan. 2, 1940. WILLIAM MCKINLEY BAIRD, Chicago, Ill. Republished by registrant.



The words "Refrigerated Locker Systems" and "Chicago" are disclaimed.
FOR REFRIGERATED LOCKER UNITS
Claims use since Dec. 12, 1936.

Reg. No. 392,827. Registered Jan. 13, 1942. WILLIAM MCKINLEY BAIRD, Chicago, Ill. Republished by registrant.

COLD CURTAIN

FOR REFRIGERATED LOCKER UNITS.
Claims use since Dec. 12, 1936.

Reg. No. 406,976. Registered May 9, 1944. SPARKLER MANUFACTURING COMPANY, Mundelein, Ill. Republished by Sparkler Mfg. Co., Mundelein, Ill., a corporation of Illinois.



FOR INDUSTRIAL FILTERS.
Claims use since Dec. 15, 1943.

CLASS 32

FURNITURE AND UPHOLSTERY

Reg. No. 349,860. Registered Sept. 7, 1937. STAKMORE CO., INC., New York, N. Y., a corporation of New York. Republished by registrant, present location Owego, N. Y.

STAKMORE

FOR CHAIRS AND TABLES.
Claims use since Apr. 1, 1922, on chairs; and since Sept. 1, 1924, on tables.

Reg. No. 358,047. Registered June 28, 1938. STERN & CO., Philadelphia, Pa., a corporation of Pennsylvania. Republished by registrant.

Whitehill's

FOR FURNITURE MADE OF WOOD, METAL OR UPHOLSTERY, AS FOLLOWS: LIVING ROOM FURNITURE AND ALL OTHER ITEMS NAMED IN THE REGISTRATION.
Claims use since 1885.

Reg. No. 378,190. Registered May 28, 1940. CORDUAN MANUFACTURING COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

HI-BID

FOR CARD TABLES.
Claims use since on or about Jan. 8, 1940.

Reg. No. 386,727. Registered Apr. 22, 1941. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

CENTENNIAL

FOR SETTEES; SETTEE END PANELS; GLASS RACKS; SERVICE SHELVES FOR BOWLERS; PORTABLE SCORE BOARDS AND TABLES; OPERA CHAIRS; SERVICE UNITS FOR BOWLERS CONSISTING OF STANDARDS FOR SUPPORTING BOWLERS' CHALK, TOWELS, ASH TRAYS, GLASSES, AND THE LIKE; AND BOWLING ALLEY LOCKERS.
Claims use since June 20, 1940.

CLASS 33

GLASSWARE

Reg. No. 363,207. Registered Dec. 13, 1938. PITMAN-DREITZER & CO. INC., New York, N. Y., a corporation of New York. Republished by registrant.

"GARDEN CLUB"

FOR TABLE AND COOKING GLASSWARE.
Claims use since Jan. 26, 1938.

CLASS 34

HEATING, LIGHTING, AND VENTILATING APPARATUS

Reg. No. 270,398. Registered May 6, 1930. JACKES-EVANS MANUFACTURING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.



The representation of the goods is disclaimed.
FOR STOVEPIPE, INCLUDING ELBOWS, T JOINTS, REDUCERS, AND FLUE THIMBLES; HEATERS—NAMELY, WOOD, GAS, AND COAL BURNING TYPES; OVENS, HEATING DRUMS, CAMP STOVES, AND RAIN CAPS, COMPRISING CHIMNEY AND STACK COWLS.
Claims use since Feb. 1, 1924.

Reg. No. 311,713. Registered Apr. 3, 1934. THE FOLEY GREENHOUSE MANUFACTURING CO., Forest Park, Ill., a corporation of Illinois. Republished by registrant.

RACK LOC

FOR GREENHOUSE VENTILATING APPARATUS FOR OPENING AND CLOSING THE VENTILATORS IN THE ROOFS OR SIDES OF GREENHOUSES.
Claims use since May 16, 1933.

Reg. No. 331,722. Registered Jan. 21, 1936. THE WILLIAMSON HEATER COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

TRIPL-IFE

FOR WARM AIR FURNACES AND PARTS THEREOF.
Claims use since on or about Sept. 16, 1935.

Reg. No. 396,109. Registered June 30, 1942. AUTOGAS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

REPUBLIC

FOR GAS BURNERS, GAS BURNING HUMIDIFIERS, GARBAGE INCINERATORS, AND WATER HEATERS.
Claims use since July 1930.

CLASS 35

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES

Reg. No. 85,483. Registered Feb. 20, 1912. PENNSYLVANIA RUBBER COMPANY, Jeannette, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR RUBBER VEHICLE-TIRES.
Claims use since June 4, 1910.

Reg. No. 193,506. Registered Dec. 30, 1924. PENNSYLVANIA RUBBER COMPANY, Jeannette, Pa., a corporation of Pennsylvania. Republished by registrant.

TUXEDO

FOR RUBBER TIRES FOR VEHICLES.
Claims use since Oct. 30, 1923.

Reg. No. 295,081. Registered June 14, 1932. L. J. MILEY COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

BLACK GOLD

FOR BRAKE LINING.
Claims use since Oct. 15, 1931.

Reg. No. 306,886. Registered Oct. 3, 1933. HENRY K. BARNES COMPANY, Boston, Mass., a corporation of Massachusetts. Republished by registrant.

GAM-OIL

The word "Oil" is disclaimed.
FOR LEATHER BELTING.
Claims use since July 1903.

Reg. No. 334,092. Registered Apr. 21, 1936. WILKENING MANUFACTURING COMPANY, Philadelphia, Pa., a corporation of Delaware. Republished by registrant.

WILCO

FOR PISTON RINGS, PISTON RING EXPANDERS, AND VALVE PACKING.
Claims use since Nov. 25, 1935.

Reg. No. 358,002. Registered June 21, 1938. KEASBEY & MATTISON COMPANY, Ambler, Pa., a corporation of Pennsylvania. Republished by registrant.

BATTLESHIP

FOR PACKINGS AND GASKETS, SUCH AS ROD, PLUNGER, PISTON, STUFFING BOX AND VALVE STEM PACKINGS, SHEET PACKINGS, SEAMLESS TUBE PLATE GASKETS, BOILER GASKETS, ASBESTOS GASKETING TAPES, WOVEN ASBESTOS GASKETING TAPES, TUBULAR GASKETING AND HYDRAULIC AND STEAM PRESSURE PACKINGS AND GASKETS OF ALL TYPES AND FORMS.
Claims use since about February 1918.

Reg. No. 358,966. Registered July 26, 1938. PENNSYLVANIA RUBBER COMPANY, Jeannette, Pa., a corporation of Pennsylvania. Republished by registrant.

SUPER CRAFT

FOR PNEUMATIC VEHICLE TIRES.
Claims use since Mar. 28, 1938.

Reg. No. 365,966. Registered Mar. 21, 1939. PENNSYLVANIA RUBBER COMPANY, Jeannette, Pa., a corporation of Pennsylvania. Republished by registrant.

RX

FOR PNEUMATIC TIRES.
Claims use since Oct. 13, 1938.

Reg. No. 371,904. Registered Oct. 10, 1939. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio, a corporation of Ohio. Republished by registrant.

GENERAL

FOR VEHICLE TIRES OF RUBBER AND FABRIC, INNER TUBES FOR VEHICLE TIRES, REPAIR PATCHES OF RUBBER AND RUBBER AND FABRIC.
Claims use since Nov. 1, 1935.

CLASS 36

MUSICAL INSTRUMENTS AND SUPPLIES

Reg. No. 362,900. Registered Dec. 6, 1938. THE H. N. WHITE COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

TROMBONIUM

FOR WIND INSTRUMENTS, PARTICULARLY INSTRUMENTS HAVING THE TONE OF A TROMBONE BUT UNLIKE A TROMBONE IN CONSTRUCTION.
Claims use since on or about Nov. 1, 1937.

Reg. No. 375,703. Registered Feb. 27, 1940. ROCK-OLA MANUFACTURING CORPORATION, Chicago, Ill., a corporation of Delaware. Republished by registrant.

Luxury Lightup

FOR PHONOGRAPHS.
Claims use since on or about June 15, 1939.

Reg. No. 377,369. Registered Apr. 30, 1940. ROCK-OLA MANUFACTURING CORPORATION, Chicago, Ill., a corporation of Delaware. Republished by registrant.

Rock-ola

FOR PHONOGRAPHS.
Claims use since on or about January 1935.

Reg. No. 386,416. Registered Apr. 8, 1941. ROCK-OLA MANUFACTURING CORPORATION, Chicago, Ill., a corporation of Delaware. Republished by registrant.

MYSTIC MUSIC

The word "Music" is disclaimed.
FOR PHONOGRAPHS AND PHONOGRAPHIC APPARATUS.
Claims use since Sept. 20, 1940.

CLASS 37

PAPER AND STATIONERY

Reg. No. 64,493. Registered Aug. 13, 1907. THE GLOBE-WERNICKE COMPANY, Cincinnati, Ohio. Republished by The Globe-Wernicke Co., Norwood, Ohio, a corporation of Ohio.



FOR DOCUMENT-FILES.
Claims use since 1882.

Reg. No. 344,386. Registered Mar. 23, 1937. UNITED PAPER COMPANY, INC., Richmond, Va., a corporation of Virginia. Republished by registrant.

20th CENTURY

FOR PAPER PRODUCTS—NAMELY, TOILET PAPERS, PAPER NAPKINS, PAPER TOWELS, PAPER ENVELOPES, AND PAPER TAPE.
Claims use since July 1, 1936.

Reg. No. 359,047. Registered Aug. 2, 1938. UNITED PAPER COMPANY, INC., Richmond, Va., a corporation of Virginia. Republished by registrant.

DATA

FOR PAPER PRODUCTS—NAMELY, TOILET TISSUE, WRAPPING PAPERS, PAPER NAPKINS, PAPER TOWELS, GUMMED SEALING TAPE, AND PRINTING PAPER (BOND, BOOK PAPER, LEDGER, AND BLOTTING).
Claims use since Dec. 1, 1937.

Reg. No. 376,543. Registered Mar. 26, 1940. UCO FOOD CORPORATION, Newark, N. J., a corporation of New Jersey. Republished by registrant.

UCO

FOR TOILET TISSUE, PAPER NAPKINS, PAPER TOWELS, FACIAL TISSUE, WRAPPING PAPER, WAXED PAPER AND COATED PAPER.
Claims use since May 5, 1927.

Reg. No. 383,521. Registered Dec. 10, 1940. AMBERG FILE AND INDEX COMPANY, Kankakee, Ill., a corporation of Illinois. Republished by registrant.

Amfile

FOR PAPER, CLOTH, AND CARDBOARD FILES AND MOUNTS FOR PHOTOGRAPHIC NEGATIVES, PRINTS, AND FILMS.
Claims use since May 6, 1940.

Reg. No. 385,382. Registered Feb. 25, 1941. SILKLIN PAPER CORPORATION, San Francisco, Calif., a corporation of California. Republished by registrant.

Silk

FOR PAPER TOWELS AND FACIAL TISSUE.
Claims use since on or about Jan. 15, 1940, on facial tissue, and since on or about June 1, 1936, on paper towels.

Reg. No. 387,292. Registered May 13, 1941. KEASBEY & MATTISON COMPANY, Ambler, Pa., a corporation of Pennsylvania. Republished by registrant.

PHOTOSIDING

FOR BACKGROUND PAPER SHEETS FOR DISPLAY PURPOSES IN VIEWING CUT-OUT PHOTOGRAPHS OF HOUSES, HOMES, DWELLINGS; HOTELS, ETC.
Claims use since about Jan. 1, 1940.

Reg. No. 392,609. Registered Jan. 6, 1942. UNITED PAPER COMPANY, INC., Richmond, Va., a corporation of Virginia. Republished by registrant.

Band Box

FOR WRAPPING PAPER, TOILET PAPER, TOWELS, TISSUE AND ADHESIVE PAPER TAPE.
Claims use since Apr. 15, 1941.

Reg. No. 398,130. Registered Oct. 13, 1942. FRED FEAR & CO., Brooklyn, N. Y., a corporation of New York. Republished by registrant.

HAPPIE-EASTER

The word "Easter" is disclaimed.
FOR PAPER STICKERS IN THE NATURE OF CUT-OUT PARTS REPRESENTING FLOWERS, ANIMALS, GEOMETRICAL FIGURES, ETC., USED FOR DECORATION FOR EASTER EGGS.
Claims use since Dec. 19, 1932.

Reg. No. 420,369. Registered Apr. 9, 1946. AMBERG FILE AND INDEX COMPANY, Kankakee, Ill., a corporation of Illinois. Republished by registrant.

Amfile

FOR METAL TABS FOR FILE GUIDES, INDEXING AND FILING SYSTEM GUIDES AND FOLDERS, CARD INDEX GUIDES, PAPER AND CHIPBOARD TRANSFER CASES AND FILES, EXPANSION FOLDERS, POCKETS AND JACKETS, FILE FOLDERS, ALBUMS, PAPER PICTURE FRAMES, CHIPBOARD FILES, AND BRIDE AND BABY RECORD BOOKS.
Claims use since Jan. 6, 1942, on albums, and since various other dates on other articles.

CLASS 38

PRINTS AND PUBLICATIONS

Reg. No. 218,949. Registered Oct. 5, 1926. THE BALTIMORE PUBLISHING COMPANY, Baltimore, Md. Republished by Hearst Consolidated Publications, Inc., Baltimore, Md., a corporation of Delaware.

Baltimore Day by Day



FOR DAILY NEWSPAPER SECTION.
Claims use since July 3, 1925.

Reg. No. 261,346. Registered Sept. 17, 1929. T. J. MOSS TIE COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

The Stamp of Character MC

FOR PUBLICATIONS ISSUED FROM TIME TO TIME.
Claims use since 1919.

Reg. No. 281,408. Registered Mar. 17, 1931. THE PALM BROTHERS DECALCOMANIA COMPANY, South Norwood, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant, present location Cincinnati, Ohio.

PALMLAC

FOR DECALCOMANIAS.
Claims use since Aug. 9, 1930.

Reg. No. 281,410. Registered Mar. 17, 1931. THE PALM BROTHERS DECALCOMANIA COMPANY, South Norwood, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant, present location Cincinnati, Ohio.

PALMLAC

FOR DECALCOMANIAS.
Claims use since Aug. 9, 1930.

Reg. No. 320,956. Registered Jan. 15, 1935. UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C., a corporation of Delaware. Republished by registrant.

"THE YEAS AND NAYS"

FOR SECTIONS OF PERIODICAL PUBLICATIONS.
Claims use since Feb. 26, 1934.

Reg. No. 320,957. Registered Jan. 15, 1935. UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C., a corporation of Delaware. Republished by registrant.

The United States News

FOR PERIODICAL PUBLICATIONS.
Claims use since May 13, 1933.

Reg. No. 323,649. Registered Apr. 23, 1935. UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C., a corporation of Delaware. Republished by registrant.

Washington Whispers:

FOR SECTIONS OF PERIODICAL PUBLICATIONS.
Claims use since Dec. 3, 1934.

Reg. No. 332,138. Registered Feb. 4, 1936. THE UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C., a corporation of Delaware. Republished by registrant.

The Political Week

FOR SECTIONS OF PERIODICAL PUBLICATIONS.
Claims use since Sept. 9, 1935.

Reg. No. 337,241. Registered Aug. 4, 1936. THE BUREAU OF NATIONAL AFFAIRS, INCORPORATED, Washington, D. C. Republished by The Bureau of National Affairs, Inc., Washington, D. C., a corporation of Delaware.

LAWYERS WEEKLY DIGEST

FOR PERIODICAL PUBLICATIONS.
Claims use since Mar. 6, 1936.

Reg. No. 339,065. Registered Sept. 22, 1936. THE UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C., a corporation of Delaware. Republished by registrant.

Newsgrams

FOR SECTIONS OF PERIODICAL PUBLICATIONS.
Claims use since Apr. 27, 1936.

Reg. No. 341,283. Registered Dec. 1, 1936. UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C., a corporation of Delaware. Republished by registrant.

The Finance Week

FOR SECTIONS OF PERIODICAL PUBLICATIONS.
Claims use since July 6, 1936.

Reg. No. 345,110. Registered Apr. 13, 1937. UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C., a corporation of Delaware. Republished by registrant.

The Question of the Week

FOR SECTIONS OF PERIODICAL PUBLICATIONS.
Claims use since Nov. 16, 1936.

Reg No. 347,063. Registered June 15, 1937. UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C., a corporation of Delaware. Republished by registrant.

Pictogram

FOR SECTIONS OF PERIODICAL PUBLICATIONS.
Claims use since Jan. 11, 1937.

Reg. No. 347,064. Registered June 15, 1937. UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C., a corporation of Delaware. Republished by registrant.

The Trend of American Business

FOR SECTIONS OF PERIODICAL PUBLICATIONS.
Claims use since Jan. 7, 1935.

Reg. No. 348,084. Registered July 13, 1937. UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C., a corporation of Delaware. Republished by registrant.

People of the Week

FOR SECTIONS OF PERIODICAL PUBLICATIONS.
Claims use since Mar. 8, 1937.

Reg. No. 353,236. Registered Dec. 28, 1937. UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C., a corporation of Delaware. Republished by registrant.

The Labor Week

FOR SECTIONS OF PERIODICAL PUBLICATIONS.
Claims use since July 26, 1937.

Reg. No. 354,244. Registered Feb. 8, 1938. CURT TEICH & COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.



FOR MULTI-COLORED POST-CARDS AND PICTORIAL ILLUSTRATIONS.
Claims use since March 1904.

Reg. No. 374,786. Registered Jan. 23, 1940. UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C., a corporation of Delaware. Republished by registrant.

The National Week

FOR SECTIONS OF PERIODICAL PUBLICATIONS.
Claims use since Sept. 5, 1939.

Reg. No. 375,789. Registered Feb. 27, 1940. UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C., a corporation of Delaware. Republished by registrant.

The Congress Week

FOR SECTIONS OF PERIODICAL PUBLICATIONS.
Claims use since December 1938.

Reg. No. 375,790. Registered Feb. 27, 1940. UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C., a corporation of Delaware. Republished by registrant.

The President's Week

FOR SECTIONS OF PERIODICAL PUBLICATIONS.
Claims use since December 1938.

Reg. No. 386,721. Registered Apr. 22, 1941. UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C., a corporation of Delaware. Republished by registrant.

Plus and Minus

FOR SECTIONS OF PERIODICAL PUBLICATIONS.
Claims use since Sept. 27, 1940.

Reg. No. 388,922. Registered July 15, 1941. THE BUCKEYE BREWING COMPANY, Toledo, Ohio, a corporation of Ohio. Republished by registrant.

THOSE GOOD OLD DAYS

FOR COMIC STRIP.
Claims use since about Jan. 30, 1941.

Reg. No. 416,198. Registered Sept. 4, 1945. WEEKLY PUBLICATIONS, INC., New York, N. Y., a corporation of New York. Republished by registrant.

NEWSWEEK'S MAP-OF-THE-MONTH

The words "Map-of-the-Month" are disclaimed.
FOR MAPS.
Claims use since Nov. 11, 1943.

Reg. No. 426,469. Registered Dec. 24, 1946. UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C., a corporation of Delaware. Republished by registrant.

Worldgraph

FOR SECTION OF PERIODICAL PUBLICATIONS.
Claims use since Mar. 28, 1946.

CLASS 39

CLOTHING

Reg. No. 97,045. Registered May 19, 1914. HENRY A. DIX & SONS COMPANY, Millville, N. J., and New York, N. Y. Republished by Henry A. Dix & Sons Corporation, New York, N. Y., a corporation of New York.

Dix-Make

FOR LADIES' TUB-DRESSES, HOUSE-DRESSES, AND NURSES' AND WAITRESSES' UNIFORMS.
Claims use since Jan. 1, 1913.

Reg. No. 101,627. Registered Jan. 5, 1915. FRANCO CORSET COMPANY, INC., New York, N. Y. Republished by Franco Corset Company, New York, N. Y., a firm.

Franco

FOR CORSETS.
Claims use since October 1913.

Reg. No. 115,891. Registered Mar. 20, 1917. KABO CORSET CO., Chicago, Ill. Republished by Kabo Corset Company, Chicago, Ill., a corporation of Illinois.

KABO

FOR BRASSIÈRES AND CHILDREN'S UNDERWAISTS.
Claims use since January 1912.

Reg. No. 205,585. Registered Nov. 10, 1925. FRANCO CORSET COMPANY, INC., New York, N. Y. Republished by Franco Corset Company, New York, a corporation of New York.

Rose-Marie

FOR CORSETS AND BRASSIÈRES.
Claims use since Mar. 15, 1925.

Reg. No. 229,257. Registered June 21, 1927. FASHION PARK INC., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

PACA LAMB

FOR MEN'S COATS, VESTS, PANTS, AND OVERCOATS.
Claims use since about Dec. 1, 1926.

Reg. No. 245,212. Registered Aug. 7, 1928. IDEAL SHOE MFG. CO., Milwaukee, Wis. Republished by Mid-States Shoe Company, Milwaukee, Wis., a corporation of Wisconsin.

Classmates

FOR SHOES MADE OF LEATHER, RUBBER, OR FABRIC OR COMBINATIONS OF SUCH MATERIALS.
Claims use since about Sept. 16, 1923.

Reg. No. 253,760. Registered Mar. 5, 1929. IDEAL SHOE MANUFACTURING CO., Milwaukee, Wis. Republished by Mid-State Shoe Company, Milwaukee, Wis., a corporation of Wisconsin.

Arch-Controller

FOR BOOTS AND SHOES OF LEATHER, RUBBER, FABRIC, OR COMBINATIONS THEREOF.
Claims use since Nov. 10, 1927.

Reg. No. 259,782. Registered Aug. 6, 1929. BOYD-RICHARDSON COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

Boyd's

FOR WOMEN'S COATS.
Claims use since Mar. 2, 1928.

Reg. No. 265,222. Registered Dec. 17, 1929. KELLER HEUMANN & THOMPSON COMPANY, INC., Rochester, N. Y. Republished by Timely Clothes, Inc., Rochester, N. Y., a corporation of New York.

Chain Strength

FOR MEN'S AND YOUNG MEN'S SUITS.
Claims use since January 1926.

Reg. No. 269,014. Registered Mar. 25, 1930. E. P. REED & Co., Rochester, N. Y., a corporation of New York. Republished by registrant.

Sportview
FOR TOWN and COUNTRY



No claim is made to the words "For Town and Country."
FOR SHOES MADE OF LEATHER.
Claims use since October 1929.

Reg. No. 277,053. Registered Nov. 4, 1930. IDEAL SHOE MANUFACTURING CO., Milwaukee, Wis. Republished by Mid-States Shoe Company, Milwaukee, Wis., a corporation of Wisconsin.



Active Maid

FOR BOOTS AND SHOES OF LEATHER, RUBBER, FABRIC, OR COMBINATION THEREOF.
Claims use since Feb. 4, 1930.

Reg. No. 289,235. Registered Nov. 24, 1931. FASHION PARK ASSOCIATES, INC., Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

Stein-Bloch
Tailors

FOR COATS, VESTS, PANTS, AND OVERCOATS FOR MEN AND BOYS.
Claims use since about Jan. 1, 1890.

Reg. No. 290,814. Registered Jan. 19, 1932. NURSECRAFT, INC., New York, N. Y., a corporation of New York. Republished by registrant.

NURSECRAFT

FOR SHOES, CAPS, CAPES, COATS, APRONS, AND UNIFORMS FOR NURSES.
Claims use since Apr. 17, 1930.

Reg. No. 291,845. Registered Feb. 23, 1932. CHARLES BAKER & COMPANY, INC., Philadelphia, Pa. Republished by Rogers Peet Company, New York, N. Y., a corporation of New York.

SCOTCHMOOR

FOR MEN'S TOP COATS.
Claims use since Nov. 22, 1929.

Reg. No. 298,450. Registered Oct. 25, 1932. WALTER BOOTH SHOE CO., Milwaukee, Wis. Republished by Mid-States Shoe Company, Milwaukee, Wis., a corporation of Wisconsin.

Crosby Square
Authentic Fashions

The words "Authentic Fashions" are disclaimed.
FOR BOOTS, SHOES, AND OXFORDS MADE WHOLLY OR IN PART OF LEATHER, FABRIC, OR COMBINATIONS THEREOF.
Claims use since Apr. 27, 1932.

Reg. No. 306,150. Registered Sept. 12, 1933. DR. DENTON SLEEPING GARMENT MILLS, Centreville, Mich. Republished by Denton Sleeping Garment Mills, Inc., Centreville, Mich., a corporation of Michigan.



FOR SLEEPING GARMENTS INCLUDING ONE AND TWO PIECE SLEEPING SUITS, SLEEPING HOODS AND SLEEPING BAGS.
Claims use since 1909.

Reg. No. 312,408. Registered Apr. 24, 1934. BAKER CLOTHES, INC., Philadelphia, Pa., assignor to Rogers Peet Company, New York, N. Y., a corporation of New York. Republished by Rogers Peet Company, New York, N. Y., a corporation of New York.

Scotchmoors

FOR MEN'S AND BOYS' SUITS
Claims use since Nov. 22, 1929.

Reg. No. 324,519. Registered May 21, 1935. TAVENDALE, INC., New York, N. Y., a corporation of New York. Republished by registrant.



The drawing is lined for the color red. The words "Custom Clothes" are disclaimed.
FOR MEN'S CLOTHING—NAMELY, SUITS, COATS, OVERCOATS, VESTS, AND PANTS.
Claims use since on or about Dec. 3, 1934.

Reg. No. 336,533. Registered July 7, 1936. KABO CORSET COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Le Rêvo

FOR CORSETS, GIRDLES, AND BRASSIÈRES.
Claims use since 1910 for corsets; and since 1920 for girdles and brassières.

Reg. No. 338,838. Registered Sept. 15, 1936. FAMOUS-STERNBERG, INC., New Orleans, La., a corporation of Louisiana. Republished by registrant.

MIRROR-TEST

FOR MEN'S AND BOYS' SUITS OF LINENS, SEERSUCKERS, COTTONS, AND OTHER CLOTHS.
Claims use since Mar. 23, 1936.

Reg. No. 342,452. Registered Jan. 19, 1937. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

PEETFLARE

FOR MEN'S CLOTHING—NAMELY, SUITS, OVERCOATS, TOPCOATS, DRESS AND NEGLIGEE SHIRTS, UNDERSHORTS, HOSIERY, AND LEATHER SHOES.
Claims use since July 1, 1936.

Reg. No. 342,520. Registered Jan. 19, 1937. S. MARANSKY & SONS, Philadelphia, Pa., assignors to Rogers Peet Company, New York, N. Y., a corporation of New York. Republished by Rogers Peet Company, New York, N. Y., a corporation of New York.

HIGHLAND MIST

FOR SUITS, COATS, VESTS, PANTS, OVERCOATS, AND TOPCOATS FOR MEN.
Claims use since January 1936.

Reg. No. 346,150. Registered May 18, 1937. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

Tweedcraig

FOR MEN'S AND BOYS' OUTER SUITS AND OVERCOATS.
Claims use since Nov. 19, 1936.

Reg. No. 346,151. Registered May 18, 1937. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

Tweedloom

FOR MEN'S AND BOYS' OUTER SUITS AND OVERCOATS.
Claims use since Nov. 19, 1936.

Reg. No. 348,093. Registered July 13, 1937. FASHION PARK MANUFACTURING CORPORATION, Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.

PARK-EASE

FOR COATS, VESTS, PANTS, AND OVERCOATS FOR MEN AND BOYS.
Claims use since on or about Mar. 1, 1937.

Reg. No. 349,034. Registered Aug. 17, 1937. FASHION PARK MANUFACTURING CORPORATION, Rochester, N. Y. Republished by Fashion Park, Inc., Rochester, N. Y., a corporation of New York.



The drawing is lined to denote the color red. The words "Camel-Fur" are disclaimed.
FOR MEN'S TOPCOATS AND OVERCOATS.
Claims use since Apr. 3, 1936.

Reg. No. 350,504. Registered Sept. 28, 1937. KELLER, HEUMANN & THOMPSON COMPANY, INC., Rochester, N. Y. Republished by Timely Clothes, Inc., Rochester, N. Y., a corporation of New York.

Rovercoat

FOR MEN'S OVERCOATS.
Claims use since Apr. 19, 1937.

Reg. No. 350,992. Registered Oct. 12, 1937. E. T. WRIGHT & COMPANY, INC., Rockland, Mass., a corporation of Massachusetts. Republished by registrant.



FOR MEN'S, BOYS', LITTLE GENTS' AND MALE CHILDREN'S SHOES OF LEATHER, FABRIC, AND COMBINATIONS THEREOF.
Claims use since Nov. 1, 1924.

Reg. No. 352,342. Registered Nov. 30, 1937. ROGERS PEET COMPANY, New York, N. Y. a corporation of New York. Republished by registrant.

Tornado Twist

The word "Twist" is disclaimed.
FOR MEN'S OUTER SUITS AND OVERCOATS.
Claims use since Nov. 19, 1936.

Reg. No. 352,961. Registered Dec. 21, 1937. ROGERS PEET COMPANY, New York, N. Y. a corporation of New York. Republished by registrant.

MATCH-PLAY

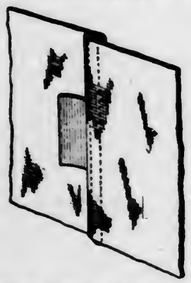
FOR MEN'S AND BOYS' LEATHER, RUBBER, AND FABRIC SHOES.
Claims use since May 1, 1937.

Reg. No. 354,188. Registered Feb. 8, 1938. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

Sir Rogers

FOR MEN'S AND BOYS' CLOTHING — NAMELY, SUITS, OVERCOATS, TOPCOATS, HATS, AND SHOES OF LEATHER.
Claims use since June 1, 1936.

Reg. No. 356,701. Registered May 10, 1938. LEVI STRAUSS & COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.



No claim is made for the representation of a portion of the garment or seam shown in the drawing, these being shown to illustrate one manner in which the red marker or red tab may be applied to the garment. The drawing is lined for the color red.
FOR MEN'S, WOMEN'S, AND CHILDREN'S OVERALLS OF THE PATCH-POCKET TYPE.
Claims use since Sept. 1, 1936.

Reg. No. 358,413. Registered July 12, 1938. LEVI STRAUSS & COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.

Bay Meadows

FOR WEARING APPAREL FOR MEN AND BOYS, BOTH OUTERWEAR AND UNDERWEAR—NAMELY, SPORT COATS, SWEATERS, UNDERSHIRTS AND DRAWERS, UNION SUITS, SHORTS, HOSIERY, OF KNITTED AND TEXTILE FABRICS.
Claims use since Dec. 1, 1937.

Reg. No. 358,782. Registered July 26, 1938. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

Mist

FOR MEN'S AND BOYS' SUITS, OVERCOATS, HATS, LEATHER, RUBBER AND FABRIC SHOES, RAINCOATS, NEGLIGEE AND SPORT SHIRTS, COLLARS, NECKTIES AND HOSIERY.
Claims use since Mar. 17, 1913.

Reg. No. 362,259. Registered Nov. 15, 1936. HANSEN GLOVE CORPORATION, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

HANSEN gloves

The word "Gloves" is disclaimed.
FOR LEATHER AND FABRIC GLOVES.
Claims use since April 18, 1938.

Reg. No. 365,614. Registered Mar. 14, 1939. FAMOUS-STERNBERG, INC., New Orleans, La., a corporation of Louisiana. Republished by registrant.

Mirro-Kool

The word "Kool" is disclaimed.
FOR MEN'S AND BOYS' SUITS AND PANTS OF LINENS, SEER-SUCKERS, COTTONS, AND OTHER CLOTHS, AND MEN'S AND BOYS' OUTER SHIRTS.
Claims use since Sept. 6, 1938.

Reg. No. 366,375. Registered Apr. 11, 1939. THE GOTTFRIED COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

Majestic DRESSES

The word "Dresses" is disclaimed.
FOR LADIES' DRESSES.
Claims use since Aug. 15, 1938.

Reg. No. 376,292. Registered Mar. 19, 1940. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

SOLO

FOR MEN'S AND BOYS' OUTER SHIRTS AND PAJAMAS.
Claims use since Mar. 5, 1935, on shirts; and since Nov. 18, 1937, on pajamas.

Reg. No. 378,755. Registered June 18, 1940. GAIL CARNOGY INCORPORATED, Philadelphia, Pa. Republished by Jack H. Kelman, doing business as Gail Carnogy Classics, New York, N. Y., and Philadelphia, Pa.

Gail Carnogy

FOR WOMEN'S DRESSES, MISSES' DRESSES, AND DRESSES FOR CHILDREN, AND WOMEN'S HOUSECOATS.
Claims use since Jan. 3, 1940.

Reg. No. 379,164. Registered July 2, 1940. TIMELY CLOTHES, INCORPORATED, Rochester, N. Y. Republished by Timely Clothes, Inc., Rochester, N. Y., a corporation of New York.

Modernwate

FOR MEN'S CLOTHING—NAMELY, SUITS, TOPCOATS, OVERCOATS, AND TROUSERS.
Claims use since Jan. 8, 1940.

Reg. No. 380,558. Registered Aug. 27, 1940. KABO CORSET COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

"KABO-ETTE"

FOR CORSETS, GIRDLES, FOUNDATION GARMENTS, BRASSIÈRES, AND COMBINATIONS.
Claims use since October 1932.

Reg. No. 380,820. Registered Sept. 3, 1940. TIMELY CLOTHES, INC., Rochester, N. Y., a corporation of New York. Republished by registrant.

Burwell

FOR MEN'S CLOTHING—NAMELY, SUITS, TOPCOATS, OVERCOATS, AND TROUSERS.
Claims use since Jan. 23, 1940.

Reg. No. 383,649. Registered Dec. 17, 1940. DEMI-TASSE, INC., Boston Mass., a corporation of Massachusetts. Republished by registrant.

demi-tasse

FOR WOMEN'S, LADIES', AND MISSES' DRESSES.
Claims use since July 25, 1940.

Reg. No. 384,490. Registered Jan. 21, 1941. JOHN IRVING SHOE CORPORATION, Boston, Mass., a corporation of Massachusetts. Republished by registrant.

marlo

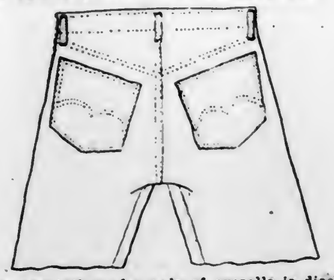
FOR HOSIERY.
Claims use since May 1, 1939.

Reg. No. 385,470. Registered Mar. 4, 1941. AMOSKEAG PAJAMA COMPANY, INC., Manchester, N. H. Republished by Amoskeag Pajama Co., Inc., Boston, Mass., a corporation of Massachusets.

SKY-SLEEPER

The word "Sleeper" is disclaimed.
FOR PAJAMAS FOR MEN, WOMEN, AND CHILDREN.
Claims use since Aug. 17, 1940.

Reg. No. 404,248. Registered Nov. 16, 1943. LEVI STRAUSS & COMPANY, San Francisco, Calif., a corporation of California. Republished by registrant.



The representation of a pair of overalls is disclaimed. The trade-mark consists of double arcuate designs of orange color displayed on the hip pockets of the overalls.
FOR WAISTBAND TYPE OVERALLS.
Claims use since 1873.

Reg. No. 411,113. Registered Jan. 2, 1945. HENRY A. DIX & SONS CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.

666

FOR UNIFORMS CONSISTING OF DRESSES ADAPTED FOR NURSES, HOUSEMAIDS, AND WAITRESSES
Claims use since Oct. 30, 1902.

Reg. No. 411,675. Registered Jan. 30, 1945. EDWARD S. JAMISON, New York, N. Y. Republished by registrant.

A-D

FOR MEN'S SOCKS.
Claims use since February 1944.

Reg. No. 413,956. Registered May 22, 1945. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.



FOR MEN'S AND BOYS' WEARING APPAREL—NAMELY, SUITS, SPORTS JACKETS, SLACKS, OVERCOATS, RAINCOATS, HATS, CAPS, LEATHER SHOES, OUTER SHIRTS, HOSIERY, UNDERWEAR, NECKTIES, PAJAMAS, HANDKERCHIEFS, GARMENT BELTS AND BATHING TRUNKS.
Claims use since June 5, 1944.

Reg. No. 413,957. Registered May 22, 1945. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.



FOR MEN'S AND BOYS' WEARING APPAREL—NAMELY, SUITS, SPORTS JACKETS, SLACKS, OVERCOATS, RAINCOATS, HATS, CAPS, LEATHER SHOES, OUTER SHIRTS, HOSIERY, UNDERWEAR, NECKTIES, PAJAMAS, HANDKERCHIEFS, GARMENT BELTS AND BATHING TRUNKS.
Claims use since June 5, 1944.

Reg. No. 413,958. Registered May 22, 1945. ROGERS PEET COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.



FOR MEN'S AND BOYS' WEARING APPAREL—NAMELY, SUITS, SPORTS JACKETS, SLACKS, OVERCOATS, RAINCOATS, HATS, CAPS, LEATHER SHOES, OUTER SHIRTS, HOSIERY, UNDERWEAR, NECKTIES, PAJAMAS, HANDKERCHIEFS, GARMENT BELTS AND BATHING TRUNKS.
Claims use since June 5, 1944.

Reg. No. 415,807. Registered Aug. 14, 1945. FASHION PARK, INC., Rochester, N. Y., a corporation of New York. Republished by registrant.



TAILORED AT FASHION PARK

The words "Tailored At" are disclaimed.
FOR MEN'S COATS, VESTS, PANTS, OVERCOATS, AND WOMEN'S OUTER COATS, SPORT JACKETS, SUITS.
Claims use since Jan. 1, 1915, for men's coats, vests, pants, overcoats and women's outercoats; and since Mar. 6, 1943, for sport jackets and suits for women.

Reg. No. 415,997. Registered Aug. 21, 1945. COMMERCE MANUFACTURING COMPANY, INC., Commerce, Ga., a corporation of Georgia. Republished by registrant.



FOR OVERALLS AND MEN'S PANTS.
Claims use since Jan. 16, 1938.

Reg. No. 416,902. Registered Oct. 2, 1945. FASHION PARK, INC., Rochester, N. Y., a corporation of New York. Republished by registrant.

STEIN BLOCH

FOR COATS, VESTS, PANTS, AND OVERCOATS FOR MEN AND BOYS; OUTER COATS, SPORT JACKETS, AND SUITS FOR WOMEN.
Claims use since Jan. 1, 1890.

Reg. No. 420,011. Registered Mar. 19, 1946. COMMERCE MANUFACTURING COMPANY, INC., Commerce, Ga., a corporation of Georgia. Republished by registrant.

L&D BEST

The word "Best" is disclaimed.
FOR OVERALLS AND MEN'S PANTS.
Claims use since July 9, 1945.

Reg. No. 420,511. Registered Apr. 16, 1946. COMMERCE MANUFACTURING COMPANY, INC., Commerce, Ga., a corporation of Georgia. Republished by registrant.

Herd-'Em

FOR OVERALLS AND MEN'S PANTS.
Claims use since Jan. 12, 1938.

Reg. No. 420,512. Registered Apr. 16, 1946. COMMERCE MANUFACTURING COMPANY, INC., Commerce, Ga., a corporation of Georgia. Republished by registrant.

Snub-'Em

FOR OVERALLS AND MEN'S PANTS.
Claims use since Jan. 12, 1938.

Reg. No. 420,885. Registered May 7, 1946. COMMERCE MANUFACTURING COMPANY, INC., Commerce, Ga., a corporation of Georgia. Republished by registrant.

STA-WI-EM

FOR OVERALLS AND MEN'S PANTS.
Claims use since Jan. 12, 1938.

Reg. No. 421,707. Registered June 11, 1946. THE ALLIGATOR COMPANY, St. Louis, Mo., a corporation of Delaware. Republished by registrant.

ALLCOJA

FOR MEN'S JACKETS.
Claims use since Sept. 10, 1945.

Reg. No. 422,329. Registered July 16, 1946. THE WOOLEN CORPORATION OF AMERICA, New York, N. Y., a corporation of New York. Republished by registrant.

WOCORA

FOR GARMENTS OF WOOLEN AND/OR WORSTED FABRICS—NAMELY, OVERCOATS, SUITS, UNDERWEAR, NECKTIES, AND OUTER AND UNDER SHIRTS FOR THE USE OF MEN, WOMEN, AND CHILDREN.
Claims use since Apr. 25, 1927.

CLASS 40

FANCY GOODS, FURNISHINGS, AND NOTIONS

Reg. No. 350,714. Registered Oct. 5, 1937. THE WILSON FASTENER COMPANY, Cleveland, Ohio, a corporation of Ohio. Republished by registrant.

WILSNAP

FOR SNAP FASTENER TAPE OR STRIPS FOR CLOSING OR ATTACHING VARIOUS MATERIALS SUCH AS GARMENTS, UPHOLSTERY, BEDDING, FLEXIBLE CURTAINS, ETC.
Claims use since about May 29, 1931.

Reg. No. 416,701. Registered Sept. 25, 1945. JOHN HUDSON MOORE, INC., New York, N. Y., a corporation of New York. Republished by registrant.

SPORTSMAN

FOR COMBS.
Claims use since Jan. 15, 1945.

Reg. No. 422,559. Registered July 30, 1946. DUMARI TEXTILE CO. INC., New York, N. Y., a corporation of New York. Republished by registrant.

POWDER PUFF

FOR BIAS BINDING, BLANKET BINDING, BIAS FOLD TAPE, AND DRESS SHIELDS, MADE OF MUSLIN FABRIC.
Claims use since Aug. 3, 1926.

CLASS 42

KNITTED, NETTED, AND TEXTILE FABRICS, AND SUBSTITUTES THEREFOR

Reg. No. 273,210. Registered July 22, 1930. E. F. TIMME & SON, New York, N. Y. Republished by E. F. Timme & Son (1944), New York, N. Y., a firm.

Lla-Paca

FOR PILE FABRICS IN THE PIECE.
Claims use since Jan. 30, 1930.

Reg. No. 275,937. Registered Oct. 7, 1930. E. F. TIMME & SON, New York, N. Y. Republished by E. F. Timme & Son (1944), New York, N. Y., a firm.



The word "Velour" is disclaimed.
FOR PILE FABRICS IN THE PIECE.
Claims use since May 2, 1930.

Reg. No. 279,704. Registered Jan. 20, 1931. E. F. TIMME & SON, New York, N. Y. Republished by E. F. Timme & Son (1944), New York, N. Y., a firm.

Paca-Kurl

FOR PILE FABRICS IN THE PIECE.
Claims use since Sept. 3, 1930.

Reg. No. 332,246. Registered Feb. 4, 1936. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

Brunsco No. 1

The numerical notation is disclaimed.
FOR BILLIARD CLOTH.
Claims use since 1915.

Reg. No. 332,247. Registered Feb. 4, 1936. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

Brunsco No. 2

The numerical notation is disclaimed.
FOR BILLIARD CLOTH.
Claims use since 1915.

Reg. No. 332,248. Registered Feb. 14, 1936. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

Brunsco No. 3

The numerical notation is disclaimed.
FOR BILLIARD CLOTH.
Claims use since 1915.

Reg. No. 344,362. Registered Mar. 23, 1937. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

Leader

FOR BILLIARD CLOTH.
Claims use since 1915.

Reg. No. 344,364. Registered Mar. 23, 1937. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

Monarch

FOR BILLIARD CLOTH.
Claims use since 1915.

Reg. No. 344,365. Registered Mar. 23, 1937. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill., a corporation of Delaware. Republished by registrant.

Renue

FOR BILLIARD CLOTH.
Claims use since 1915.

Reg. No. 344,531. Registered Mar. 30, 1937. WM. A. ROTHHOLZ CO. INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR LINEN, COTTON, AND WOOLEN GOODS IN THE PIECE AND COMBINATIONS THEREOF.
Claims use since July 30, 1936.

Reg. No. 347,149. Registered June 15, 1937. FOLKARD & LAWRENCE, INC., New York, N. Y., a corporation of New York. Republished by registrant.

FOLA FABRICS

The word "Fabrics" is disclaimed.
FOR PIECE GOODS MADE OF WOOL, COTTON, SILK, RAYON, ARTIFICIAL SILK, ARTIFICIAL FIBERS, AND/OR COMBINATIONS OF THE SAME, AND STEAMER AND PRAM RUGS OF TEXTILE FABRICS.
Claims use since May 1932.

Reg. No. 349,864. Registered Sept. 7, 1937. LONDON, MIDLAND & SCOTTISH IMPORTS LTD., New York, N. Y., a corporation of New York. Republished by registrant.

Glenthistle

FOR WOOLEN AND TWEED PIECE GOODS.
Claims use since Jan. 1, 1937.

Reg. No. 366,336. Registered Apr. 11, 1939. FOLKARD & LAWRENCE, INC., New York, N. Y., a corporation of New York. Republished by registrant.



The words "Flannel, Made in England," and "By G. Garnett and Sons, Ltd." are disclaimed.
FOR WOOLEN FLANNEL PIECE GOODS.
Claims use since Jan. 5, 1938.

Reg. No. 399,716. Registered Jan. 26, 1943. ESTATE OF OTTO TIMME, DECEASED, doing business as E. F. Timme & Son, New York, N. Y. Republished by E. F. Timme & Son, New York, N. Y., a firm of New York.



The words "A Timme Tuft" are disclaimed.
FOR PILE FABRICS IN THE PIECE.
Claims use since December 1938.

Reg. No. 408,812. Registered Aug. 29, 1944. THE ADLER COMPANY, Cincinnati, Ohio, a corporation of Ohio. Republished by registrant.

Frostinette

FOR KNITTED COTTON TUBING, PRIMARILY INTENDED FOR USE IN WRAPPING MEATS, FISH, AND FOWL.
Claims use since Feb. 5, 1944.

CLASS 43

THREAD AND YARN

Reg. No. 369,423. Registered July 25, 1939. KEASBEY & MATTISON COMPANY, Ambler, Pa., a corporation of Pennsylvania. Republished by registrant.



FOR ASBESTOS TEXTILES, COMPRISING ASBESTOS THREAD, ASBESTOS YARN, ASBESTOS FLAT THREAD TAPES ADAPTED FOR USE IN WEAVING CLOTH, AND USED IN CLOTHES MANUFACTURE.
Claims use since about March 1937.

Reg. No. 375,710. Registered Feb. 27, 1940. KEASBEY & MATTISON COMPANY, Ambler, Pa., a corporation of Pennsylvania. Republished by registrant.



The words "Best in Asbestos" are disclaimed.
FOR ASBESTOS TEXTILES, COMPRISING ASBESTOS THREAD, ASBESTOS YARN, AND ASBESTOS FLAT THREAD TAPE ADAPTED FOR USE IN WEAVING CLOTH AND USED IN CLOTHES MANUFACTURE AND MISCELLANEOUS USE WHEREVER ASBESTOS FLAT THREAD TAPE CAN BE UTILIZED.
Claims use since about Oct. 1, 1937.

CLASS 44

DENTAL, MEDICAL, AND SURGICAL APPLIANCES

Reg. No. 350,602. Registered Sept. 28, 1937. JOHN H. EMERSON, Cambridge, Mass. Republished by J. H. Emerson Company, Cambridge, Mass., a corporation of Massachusetts.

HUMIDOX

FOR OXYGEN HUMIDIFIERS FOR THERAPEUTIC USE IN THE TREATMENT OF PATIENTS.
Claims use since May 27, 1937.

Reg. No. 403,308. Registered Sept. 14, 1943. CORALITE DENTAL PRODUCTS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

FIX-ACRYL

The word "Fix" is disclaimed.

FOR DENTAL REPAIR COMPOUND OF METH-ACRYLATE COMPOSITION, USED BY THE DENTAL PROFESSION FOR REPLACING TEETH AND FOR RE-PAIRING FRACTURES IN ACRYLIC DENTURES.

Claims use since Nov. 30, 1942.

Reg. No. 405,905. Registered Feb. 29, 1944. CORALITE DENTAL PRODUCTS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Coralite

FOR DENTAL MATERIALS USED IN THE MOLDING AND CONSTRUCTING OF PROSTHETIC RESTORATIONS, DENTAL MATERIALS FOR MAKING DENTURES, ARTIFICIAL TEETH, DENTAL MATERIALS FOR MAKING ARTIFICIAL TEETH, JACKET CROWNS, INLAYS, BRIDGES, VENEER FACINGS, CLASPS, AND SPLINTS, ALL OF PLASTIC COMPOSITION ENTIRELY OR IN PART.

Claims use since Sept. 5, 1926.

Reg. No. 412,721. Registered Mar. 20, 1945. THE MAICO COMPANY, INCORPORATED, Minneapolis, Minn., a corporation of Minnesota. Republished by registrant.

Stethetron

FOR ELECTRONIC STETHOSCOPES.

Claims use since Aug. 28, 1944.

Reg. No. 418,487. Registered Dec. 25, 1945. CORALITE DENTAL PRODUCTS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

Coralite

FOR ACRYLIC TEETH.

Claims use since 1926.

Reg. No. 429,762. Registered May 20, 1947. CORALITE DENTAL PRODUCTS COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

CORALENE

FOR DENTAL MATERIALS USED TO REBASE, LINE, RELINE, OR CORRECT FULL AND PARTIAL ARTIFICIAL DENTURES.

Claims use since Mar. 10, 1938.

CLASS 45

SOFT DRINKS AND CARBONATED WATERS

Reg. No. 349,886. Registered Sept. 14, 1937. PEPSI-COLA COMPANY, Long Island City, N. Y., a corporation of Delaware. Republished by registrant.

PEPSI-COLA

FOR BEVERAGES AND SIRUPS FOR THE MANUFACTURE OF SUCH BEVERAGES.

Claims use since about Feb. 15, 1896.

Reg. No. 378,109. Registered May 28, 1940. CRANBERRY CANNERS, INC., South Hanson, Mass. Republished by National Cranberry Association, Hanson, Mass., a corporation of Delaware.

Ocean Spray

FOR CRANBERRY JUICE COCKTAIL.

Claims use since Apr. 16, 1931.

CLASS 46

FOODS AND INGREDIENTS OF FOODS

Reg. No. 25,222. Registered Sept. 11, 1894. THE C. F. SAUER COMPANY, Richmond, Va., a corporation of Virginia. Republished by registrant.

SAUER'S

TRADE MARK

FOR FLAVORING EXTRACTS AND BAKING POWDER.

Claims use since July 11, 1891.

Reg. No. 45,564. Registered Aug. 22, 1905. MAYFLOWER MILLS, Fort Wayne, Ind., a corporation of Indiana. Republished by registrant.

SILVER DUST

FOR WHEAT-FLOUR.

Claims use since Sept. 15, 1890.

Reg. No. 53,500. Registered June 5, 1906. SQUIRE DINGEE COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

GOLD MEDAL

FOR PICKLES.

Claims use since 1877.

Reg. No. 55,837. Registered Aug. 21, 1906. SQUIRE DINGEE COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

SQUIRE PICKLES Squire Dingee Co. Chicago

FOR PICKLES.

Claims use since Jan. 1, 1905.

Reg. No. 72,594. Registered Feb. 2, 1909. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

Anita

FOR MACARONI, SPAGHETTI, VERMICELLI, CANNED PRESERVED CHERRIES, CANNED FRENCH SPINACH, FRENCH GOOSE LIVER, FRENCH SPRATS IN PEANUT OIL, AND BAR-LE-DUC JELLIES.

Claims use since 1906.

Reg. No. 72,595. Registered Feb. 2, 1909. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

Parnose

FOR PRESERVED QUINCES, ITALIAN OLIVE OIL. MORCILLAS BLOOD SAUSAGE, CANNED BELGIUM STRING BEANS, MACARONI, SPAGHETTI, VERMICELLI, BELGIUM SPRATS IN PEANUT OIL, PRESERVED CRANBERRIES, AND COTTON SEED OIL USED AS SALAD OIL.

Claims use since 1903.

Reg. No. 72,945. Registered Mar. 2, 1909. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

La Grisette

FOR OLIVE OIL, MACARONI, SPAGHETTI, VERMICELLI, FRENCH GOOSE LIVER, COTTON SEED OIL INTENDED FOR USE AS FOOD, PRESERVED STRAWBERRIES, PRESERVED CHERRIES, CANNED FRENCH STRING BEANS, AND IMPORTED SARDINES.

Claims use since 1901.

Reg. No. 72,946. Registered Mar. 2, 1909. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

L'Aiglon

FOR MACARONI, SPAGHETTI, VERMICELLI, PRESERVED CHERRIES IN VERMOUTH, PRESERVED CHERRIES, FRENCH POTTED GAME, COTTON SEED OIL INTENDED FOR USE AS FOOD, CANNED FRENCH BEANS, OLIVE OIL, AND FRENCH SARDINES IN PEANUT OIL, FRENCH MUSHROOMS, AND IMPORTED PEAS IN CANS AND JARS.

Claims use since 1906.

Reg. No. 75,219. Registered Sept. 14, 1909. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

VERA

FOR SMOKED SARDINES IN OLIVE OIL.

Claims use since 1908.

Reg. No. 75,819. Registered Nov. 16, 1909. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

Opera Club

FOR FRENCH MEAT PRESERVES, CANNED FRENCH FRUITS, CANNED FRENCH VEGETABLES, COTTON SEED OIL INTENDED FOR USE AS FOOD, OLIVE OIL, MACARONI, SPAGHETTI, VERMICELLI, PRESERVED FRUITS, AND PORTUGUESE SARDINES IN OLIVE OIL.

Claims use since 1902.

Reg. No. 76,702. Registered Feb. 8, 1910. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

Re Umberto

FOR CANNED MACARONI, CANNED TOMATO SAUCE, CANNED VEGETABLES, AND CANNED FISH.

Claims use since 1904.

Reg. No. 77,679. Registered Apr. 26, 1910. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

AERO-KING

FOR CANNED SARDINES IN OIL.

Claims use since October 1909.

Reg. No. 102,000. Registered Jan. 19, 1915. WM. WRIGLEY JR. COMPANY, Chicago, Ill. Republished by Wm. Wrigley Jr. Company, Chicago, Ill., a corporation of Delaware.



FOR CHEWING GUM.
Claims use since July 28, 1914.

Reg. No. 102,768. Registered Feb. 23, 1915. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

"MILO BRAND"

The word "Brand" is disclaimed.
FOR CANNED PEAS, CANNED MUSHROOMS, SALT HERRINGS, SALT MACKEREL, CODFISH, TUNNY FISH IN OLIVE OIL, CHEESE, SESAME OIL, PEANUT OIL, COTTON SEED OIL, OLIVE OIL, POTATO FLOUR, CANNED RED PEPPERS, CANNED BEANS, CANNED LIVERPASTE, CANNED GOOSE LIVER, CRAB MEAT, BRITTLE BREAD, MACARONI, AND PRESERVED FISH.
Claims use since Jan. 1, 1909.

Reg. No. 102,769. Registered Feb. 23, 1915. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

"BONNIE LASSIE BRAND"

The word "Brand" is disclaimed.
FOR CANNED PEAS, CANNED MUSHROOMS, SALT MACKEREL, CODFISH, TUNNY FISH IN OLIVE OIL, CHEESE, SESAME OIL, PEANUT OIL, COTTON SEED OIL, OLIVE OIL, POTATO FLOUR, CANNED RED PEPPERS, CANNED BEANS, CANNED LIVERPASTE, CANNED GOOSE LIVER, CRAB MEAT, BRITTLE BREAD, MACARONI, AND PRESERVED FISH, AND SALT HERRINGS.
Claims use since July 1, 1914.

Reg. No. 102,770. Registered Feb. 23, 1915. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

"MISS PETITE BRAND"

The word "Brand" is disclaimed.
FOR CANNED PEAS, CANNED MUSHROOMS, SALT HERRINGS, SALT MACKEREL, CODFISH, TUNNY FISH IN OLIVE OIL, CHEESE, SESAME OIL, PEANUT OIL, COTTON SEED OIL, OLIVE OIL, POTATO FLOUR, CANNED RED PEPPERS, CANNED BEANS, CANNED LIVERPASTE, CANNED GOOSE LIVER, CRAB MEAT, BRITTLE BREAD, MACARONI, AND PRESERVED FISH.
Claims use since Jan. 1, 1911.

Reg. No. 103,188. Registered Mar. 16, 1915. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

"HONEY BOY BRAND"

The word "Brand" is disclaimed.
FOR CANNED PEAS, CANNED MUSHROOMS, SALT HERRINGS, SALT MACKEREL, CODFISH, TUNNY FISH IN OLIVE OIL, CHEESE, SESAME OIL, PEANUT OIL, COTTON SEED OIL, OLIVE OIL, CANNED RED PEPPERS, CANNED BEANS, CANNED LIVERPASTE, CANNED GOOSE LIVER, CRAB MEAT, MACARONI, AND PRESERVED FISH.
Claims use since July 1914.

Reg. No. 106,521. Registered Oct. 19, 1915. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

MESUMEN

FOR PRESERVED AND CANNED FISH.
Claims use since 1913.

Reg. No. 107,025. Registered Nov. 9, 1915. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

MASELTOV

FOR CANNED FISH AND PRESERVED FISH.
Claims use since March 1915.

Reg. No. 109,879. Registered Apr. 18, 1916. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

Vintage

FOR OLIVE, SESAME, AND COTTON-SEED OIL, PEANUT-OIL, AND MACARONI, CANNED VEGETABLES, CANNED FRUITS, AND CANNED FISH.
Claims use since 1910.

Reg. No. 130,936. Registered May 4, 1920. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

R. U.

FOR OLIVE-OIL, SALAD-OIL, PRESERVED VEGETABLES, PRESERVED FISH, RICE, MACARONI, CHEESE, COFFEE, TEA, OLIVES, PRESERVED FRUIT, PICKLES, CANDY, PRESERVED MEAT, JAMS AND JELLIES, FRUIT-SYRUPS, AND CAVIAR.
Claims use since 1909.

Reg. No. 139,640. Registered Feb. 8, 1921. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

VERA

FOR OLIVE-OIL, SALAD-OIL, PRESERVED VEGETABLES, PRESERVED FISH, RICE, MACARONI, CHEESE, COFFEE, TEA, OLIVES, PICKLES, CANDY, AND CAVIAR.
Claims use since 1909.

Reg. No. 149,451. Registered Dec. 13, 1921. MAYFLOWER MILLS, Fort W[illegible] Ind., a corporation of Indiana. Republished by [illegible]rant.

Holiday

FOR WHEAT FLOUR AND SELF-RISING WHEAT FLOUR.
Claims use since October 1915.

Reg. No. 151,959. Registered Feb. 14, 1922. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

CAIALUNA

FOR VEGETABLE OIL AND MAYONNAISE AND SALAD OIL FOR WHICH COTTONSEED OIL FORMS A COMPONENT PART.
Claims use since February 1920.

Reg. No. 168,571. Registered May 29, 1923. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

ROCCOLINO

FOR VEGETABLE OIL FLAVORED WITH OLIVE OIL.
Claims use since Mar. 1, 1922.

Reg. No. 171,200. Registered July 31, 1923. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

ANITA

FOR OLIVE OIL AND SALAD OIL.
Claims use since September 1908.

Reg. No. 180,248. Registered Feb. 26, 1924. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

MACABEI

FOR SALAD OILS.
Claims use since May 1923.

Reg. No. 189,304. Registered Sept. 16, 1924. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

TOMATINE

FOR TOMATO PRODUCTS — NAMELY, TOMATO PASTE AND TOMATO SAUCE.
Claims use since March 1924.

Reg. No. 206,107. Registered Nov. 24, 1925. STROHMEYER & ARPE COMPANY, New York, N. Y., a corporation of New York. Republished by registrant.

MACABEI

FOR CANNED FISH PARTICULARLY CANNED SALMON.
Claims use since about February 1924.

Reg. No. 215,089. Registered July 13, 1926. SQUIRE DINGEE COMPANY, Chicago, Ill., a corporation of Illinois. Republished by registrant.

STAR

FOR PICKLES.
Claims use since 1909.

Reg. No. 228,444. Registered May 31, 1927. MAX I. GINSBERG, doing business as Los Angeles Saratoga Chip Co., Los Angeles, Calif. Republished by Bell Brand Foods Ltd., Los Angeles, Calif., a corporation of California.

FRENCHIES

FOR SHOE-STRING POTATOES.
Claims use since Jan. 10, 1927.

Reg. No. 260,337. Registered Aug. 20, 1929. THE MARAMOR COMPANY, Columbus, Ohio, a corporation of Ohio. Republished by registrant.

The Maramor

FOR CANDIES, CAKES, BREAD, COOKIES, ROLLS, SALAD DRESSING, FRESH, SPICED, AND CANNED FRUITS AND VEGETABLES.
Claims use since May 1, 1928.

Reg. No. 266,670. Registered Jan. 28, 1930. H. C. BRILL COMPANY, INC., Newark, N. J., a corporation of New Jersey. Republished by registrant.

BRILL'S

KREME-ALL

FOR FILLING FOR PIES, CAKES, AND PASTRIES.
Claims use since Dec. 21, 1928.

Reg. No. 283,437. Registered May 26, 1931. OCEAN SPRAY PRESERVING COMPANY, South Hanson, Mass., assignor to Cranberry Canners, Inc., a corporation of Delaware. Republished by National Cranberry Association, Hanson, Mass., a corporation of Delaware.

Pride of New England

FOR FRESH APPLES, APPLE SAUCE, AND CANNED CRANBERRIES.
Claims use since October 1924.

Reg. No. 283,708. Registered June 2, 1931. OCEAN SPRAY PRESERVING COMPANY, South Hanson, Mass., assignor to Cranberry Canners, Inc., a corporation of Delaware. Republished by National Cranberry Association, Hanson, Mass., a corporation of Delaware.

Ocean Spray

FOR FRESH CRANBERRIES, CANNED CRANBERRIES, AND CRANBERRY SYRUP.
Claims use since October 1921.

Reg. No. 303,001. Registered May 9, 1933. MAGGI CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR SOUP TABLETS.
Claims use since about January 1907.

Reg. No. 304,810. Registered July 18, 1933. MAGGI CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.



All wording with the exception of "Maggis" and "The Maggi Co."; and the representation of the label per se are disclaimed.
FOR SEASONINGS IN SOLID AND LIQUID FORM FOR IMPROVING SOUPS, SAUCES, GRAVIES, AND OTHER DISHES.
Claims use since Dec. 22, 1899.

Reg. No. 309,381. Registered Jan. 9, 1934. HOUSTON PACKING COMPANY, Houston, Tex., a corporation of Texas. Republished by registrant.

Jasmine

FOR HAMS, PICNICS, BOSTON BUTTS, BACON, LARD, PORK LINKS, PORK SAUSAGE, BOLOGNA, SHORTENING, COOKING OIL, SALAD OIL, CHILI CON CARNE, LUNCHEON LOAF, AND BRANDED BEEF.
Claims use since 1907 on certain items; since 1927 on certain other items; since July 1931 on other items.

Reg. No. 313,815. Registered June 12, 1934. MAGGI CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.



All the wording except "Maggis" and "The Maggi Co.": plus the representation of the label per se are disclaimed.
FOR SEASONINGS IN SOLID AND LIQUID FORM FOR IMPROVING SOUPS, SAUCES, GRAVIES, AND OTHER DISHES.
Claims use since Dec. 22, 1899.

Reg. No. 332,876. Registered Mar. 3, 1936. MAGGI CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.



The drawing is lined for yellow and red. The representation of the bottle and all the words except "Maggi" and "Maggis" are disclaimed.
FOR SEASONINGS IN SOLID AND LIQUID FORM FOR IMPROVING SOUPS, SAUCES, GRAVIES, AND OTHER DISHES.
Claims use since Apr. 19, 1895.

Reg. No. 337,336. Registered Aug. 4, 1936. KINGAN & CO. INCORPORATED, Indianapolis, Ind., a corporation of New Jersey. Republished by registrant.

KINGAN'S RELIABLE

FOR TRIPE, DRIED BEEF AND ALL OTHER ITEMS LISTED IN REGISTRATION EXCEPT SALAD (HAM AND PICKLE MIXTURE), AND PIG BREAKFAST BACON.
Claims use since Sept. 19, 1933, for lunch tongue; and since other dates for the other items.

Reg. No. 339,077. Registered Sept. 22, 1936. HOUSTON PACKING COMPANY, Houston, Tex., a corporation of Texas. Republished by registrant.

BISKETINE

FOR VEGETABLE SHORTENING.
Claims use since Aug. 10, 1910.

Reg. No. 340,865. Registered Nov. 24, 1936. HOUSTON PACKING COMPANY, Houston, Tex., a corporation of Texas. Republished by registrant.

Jasmine

FOR BUTTER.
Claims use since Oct. 1, 1935.

Reg. No. 347,107. Registered June 15, 1937. RED STAR YEAST AND PRODUCTS CO., Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

KITCHEN-PAK

FOR COMPRESSED YEAST.
Claims use since Dec. 15, 1936.

Reg. No. 349,506. Registered Aug. 31, 1937. CHARLESTON MILLING COMPANY, Charleston, W. Va., a corporation of West Virginia. Republished by registrant.



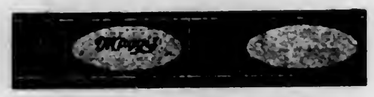
The drawing is lined for red, blue, and orange.
FOR POULTRY FEED.
Claims use since on or about Nov. 1, 1936.

Reg. No. 353,948. Registered Jan. 25, 1938. MAGGI CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR BOUILLON CUBES AND GRANULATED BOUILLON.
Claims use since Oct. 23, 1908.

Reg. No. 353,949. Registered Jan. 25, 1938. MAGGI CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR BOUILLON CUBES.
Claims use since Oct. 23, 1908.

Reg. No. 353,950. Registered Jan. 25, 1938. MAGGI CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR BOUILLON CUBES.
Claims use since Oct. 23, 1908.

Reg. No. 357,475. Registered June 7, 1938. MAGGI, CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.



The representation of the bottle is disclaimed. The bottle labels and neck labels are printed in yellow and red, the cap sheath is printed in yellow, and the bottle is brown.

FOR FOODS AND INGREDIENTS OF FOODS—NAMELY, SEASONINGS FOR IMPROVING SOUPS, SAUCES, GRAVIES, MEAT AND VEGETABLE DISHES.
Claims use since Apr. 19, 1895.

Reg. No. 359,580. Registered Aug. 23, 1938. FRANCESCO BRAGNO, doing business as Bragno & Company, Chicago, Ill. Republished by registrant.



FOR OLIVE OIL.
Claims use since Apr. 29, 1909.

Reg. No. 361,586. Registered Oct. 25, 1938. CHARLESTON MILLING COMPANY, Charleston, W. Va., a corporation of West Virginia. Republished by registrant.

The drawing is lined for blue, red and yellow.
FOR WHEAT FLOUR.
Claims use since December 1936.

Reg. No. 365,307. Registered Mar. 7, 1939. HOUSTON PACKING COMPANY, Houston, Tex., a corporation of Texas. Republished by registrant.

AMIGO

FOR DOG FOOD.
Claims use since Oct. 19, 1937.

Reg. No. 366,165. Registered Apr. 4, 1939. MAGGI CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

Maggi

FOR FOODS AND INGREDIENTS OF FOODS—NAMELY, SEASONINGS FOR IMPROVING SOUPS, SAUCES, GRAVIES, MEAT, AND VEGETABLE DISHES; SOUPS, CONSOMMES, BOUILLONS, GRAVIES, MEAT EXTRACTS, MEAT JELLIES, SPICES, SAUCES FOR MEATS, FISH AND FOWL; VEGETABLE SAUCES, FRUIT SAUCES; WHEAT, RICE, BARLEY, OAT, RYE, MAIZE, BEAN AND POTATO FLOUR; SALT, VINEGAR, AND ALIMENTARY PASTES.
Claims use since Oct. 25, 1895.

Reg. No. 366,620. Registered Apr. 25, 1939. MAGGI CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.

CROSS-STAR

FOR FOODS AND INGREDIENTS OF FOODS—NAMELY, SEASONINGS FOR IMPROVING SOUPS, SAUCES, GRAVIES, MEAT AND VEGETABLE DISHES; SOUPS, CONSOMMES, BOUILLONS, GRAVIES, MEAT EXTRACTS, MEAT JELLIES, SPICES, SAUCES FOR MEATS, FISH AND FOWL; VEGETABLE SAUCES, FRUIT SAUCES; WHEAT, RICE, BARLEY, OAT, RYE, MAIZE, BEAN AND POTATO FLOUR; SALT AND VINEGAR.
Claims use since June 8, 1898.

Reg. No. 368,818. Registered July 4, 1939. MAGGI CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.



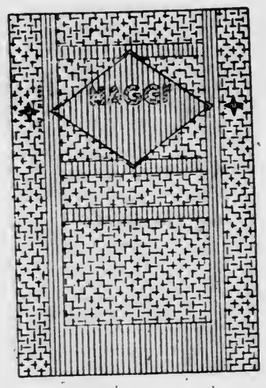
FOR FOODS AND INGREDIENTS OF FOODS—NAMELY, SEASONINGS FOR IMPROVING SOUPS, SAUCES, GRAVIES, MEAT, AND VEGETABLE DISHES; SOUPS, CONSOMMES, BOUILLONS, GRAVIES, MEAT EXTRACTS, MEAT JELLIES, SPICES, SAUCES FOR MEAT, FISH AND FOWL; VEGETABLE SAUCES, FRUIT SAUCES; WHEAT, RICE, BARLEY, OAT, RYE, MAIZE, BEAN AND POTATO FLOUR; SALT, VINEGAR.
Claims use since June 8, 1898.

Reg. No. 368,819. Registered July 4, 1939. MAGGI CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR FOODS AND INGREDIENTS OF FOODS—NAMELY, SEASONINGS FOR IMPROVING SOUPS, SAUCES, GRAVIES, MEAT AND VEGETABLE DISHES; SOUPS, CONSOMMES, BOUILLONS, GRAVIES, MEAT EXTRACTS, MEAT JELLIES, SPICES, SAUCES FOR MEATS, FISH AND FOWL; VEGETABLE SAUCES; FRUIT SAUCES; WHEAT, RICE, BARLEY, OAT, RYE, MAIZE, BEAN AND POTATO FLOUR; SALT, VINEGAR.
Claims use since July 10, 1908.

Reg. No. 368,827. Registered July 4, 1939. MAGGI CO., INC., New York, N. Y., a corporation of New York. Republished by registrant.



FOR FOODS AND INGREDIENTS OF FOODS—NAMELY, SEASONINGS FOR IMPROVING SOUPS, SAUCES, GRAVIES, MEAT AND VEGETABLE DISHES; SOUPS, CONSOMMES, BOUILLONS, GRAVIES, MEAT, EXTRACTS, MEAT JELLIES, SPICES, SAUCES FOR MEATS, FISH AND FOWL; VEGETABLE SAUCES; FRUIT SAUCES; WHEAT, RICE, BARLEY, OAT, RYE, MAIZE, BEAN AND POTATO FLOUR; SALT, VINEGAR.
Claims use since Oct. 21, 1937.

Reg. No. 371,140. Registered Sept. 19, 1939. GILLETT CANNING COMPANY, Gillett, Wis. Republished by Country Gardens, Inc., Milwaukee, Wis., a corporation of Wisconsin.

GREEN ACRE

FOR CANNED VEGETABLES.
Claims use since on or about Sept. 23, 1936.

Reg. No. 373,305. Registered Dec. 5, 1939. MINNESOTA MACARONI COMPANY, St. Paul, Minn., a corporation of Minnesota. Republished by registrant.

Quickettes

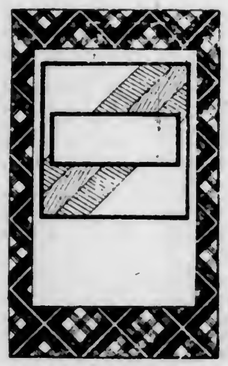
FOR ALIMENTARY PASTES.
Claims use since Mar. 1, 1939.

Reg. No. 377,221. Registered Apr. 23, 1940. THE KELLING NUT CO., Chicago, Ill., a corporation of Illinois. Republished by registrant.

Kay Kay

FOR SALTED, CANDIED, AND PLAIN NUT MEATS.
Claims use since 1907.

Reg. No. 377,744. Registered May 14, 1940. CHARLESTON MILLING COMPANY, Charleston, W. Va., a corporation of West Virginia. Republished by registrant.



FOR PANCAKE FLOUR, CAKE FLOUR, AND BISCUIT FLOUR.
Claims use since Jan. 6, 1938.

Reg. No. 382,935. Registered Nov. 19, 1940. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

FOR FLOUR MADE FROM WHEAT.
Claims use since on or about Jan. 1, 1873.

Reg. No. 385,055. Registered Feb. 11, 1941. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills Inc., Minneapolis, Minn., a corporation of Delaware.

Pillsbury's BEST XXXX Flour

The word "Flour" is disclaimed.
FOR FLOUR MADE FROM WHEAT, SELF RISING FLOUR, RYE FLOUR, AND WHEAT GERM.
Claims use since on or about April 1924.

Reg. No. 391,854. Registered Nov. 25, 1941. BLANKE-BAER EXTRACT & PRESERVING COMPANY, St. Louis, Mo., a corporation of Missouri. Republished by registrant.

WIN-YOU

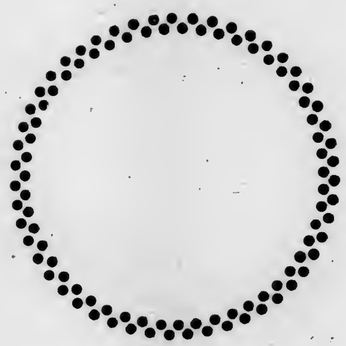
FOR FRUIT BUTTERS, FRUIT PRESERVES, JELLIES, FLAVORING EXTRACTS FOR FOODS, PEANUT BUTTER, SANDWICH SPREAD, MUSTARD, PICKLES, OLIVES, SALAD DRESSING, MAYONNAISE, AND THE FOLLOWING PRODUCTS FOR USE ON OR IN ICE CREAM: FRUIT JUICES, FOUNTAIN FRUITS FOR SODA FOUNTAINS AND HOME USE, DRY NUTMEATS, NUTMEATS IN SYRUP, FROZEN FRUITS, CANDIES, CHOCOLATE SYRUP, CHOCOLATE PASTE, AND MARSHMALLOW CREME.
Claims use since Aug. 1, 1918, on fruit butters, fruit preserves, jellies, and flavoring extracts; and since various other dates on all the other products.

Reg. No. 392,893. Registered Jan. 20, 1942. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.

Pillsbury's BEST XXXX

FOR WHEAT FLOUR, PANCAKE FLOUR, BUCKWHEAT PANCAKE FLOUR, WHEAT BRAN, SELF-RISING FLOUR, WHEAT CEREAL, RYE FLOUR, YELLOW CORN MEAL, WHITE CORN MEAL, CORN GRITS, WHEAT GERM AND FOR THE FOLLOWING, TO-WIT: BRAN, SHORTS, MILL RUN, MIXED FEEDS, RED DOG, FLOUR MIDDLINGS, FEED MIDDLINGS USED AS FEEDS OR INGREDIENTS OF FEEDS FOR POULTRY, TURKEYS, GEESE, DUCKS, CATTLE, HORSES, MULES, SWINE, BIRDS AND VARIOUS WILD ANIMALS HELD IN CAPTIVITY.
Claims use since on or about Jan. 1, 1873, on flour made from wheat and feeds for fowls and animals; and since various other dates on other items.

Reg. No. 392,894. Registered Jan. 20, 1942. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Republished by Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware.



FOR FLOUR MADE FROM WHEAT.
Claims use since Jan. 1, 1873, on flour made from wheat including bakery flour and family flour; and since various other dates on other items.

Reg. No. 402,976. Registered Aug. 24, 1943. KASCO MILLS, INC., Toledo, Ohio, a corporation of Ohio. Republished by registrant.



FOR DOG RATION.
Claims use since June 1936.

Reg. No. 403,888. Registered Oct. 19, 1943. KASCO MILLS, INC., Waverly, N. Y., a corporation of Ohio. Republished by registrant.

KASCO

FOR DOG RATION OR DOG FOOD.
Claims use since April 1936.

Reg. No. 421,472. Registered June 4, 1946. RED STAR YEAST AND PRODUCTS COMPANY, Milwaukee, Wis., a corporation of Wisconsin. Republished by registrant.

EGGVANTAGE

FOR MIXTURE OF EGG MATERIAL, AN EMULSIFYING SYRUP AND OTHER SUBSTANCES SUITABLE FOR USE AS AN INGREDIENT IN MAKING BAKERY PRODUCTS, CUSTARDS, AND ICE CREAM.
Claims use since June 11, 1945.

Reg. No. 422,918. Registered Aug. 20, 1946. GOLDEN NUGGET SWEETS LTD., San Francisco, Calif., a limited partnership. Republished by registrant.

RUMSY

FOR CHOCOLATE COATED CANDY BARS.
Claims use since Mar. 21, 1941.

Reg. No. 424,007. Registered Sept. 17, 1946. CARL A. FUTTER, doing business as The Carlay Company, Chicago, Ill. Republished by Carl A. Futter.

Ayds

FOR CANDY.
Claims use since Sept. 3, 1937.

Reg. No. 430,806. Registered June 24, 1947. THE D. L. CLARK COMPANY, Pittsburgh, Pa., a corporation of Pennsylvania. Republished by registrant.

CONFECTIONS THE D.L.C. © OF TASTE

The words "Confections of Taste" are disclaimed.
FOR CANDIES.
Claims use since Aug. 15, 1919.

CLASS 47

WINES

Reg. No. 400,322. Registered Mar. 2, 1943. SAN MARINO WINE CORPORATION, New York, N. Y., a corporation of New York. Republished by registrant.

PIERRE PERIGNON

FOR WINE.
Claims use since November 1939.

CLASS 48

MALT BEVERAGES AND LIQUORS

Reg. No. 308,274. Registered Nov. 28, 1933. CHR. HEURICH BREWING COMPANY, Washington, D. C., a corporation of Virginia. Republished by registrant.

CHR. HEURICH BREWING CO.

FOR MALT BEVERAGES OF NOT MORE THAN LEGAL ALCOHOLIC CONTENT.
Claims use since 1891.

Reg. No. 335,012. Registered May 19, 1936. THE BUCKEYE BREWING COMPANY Toledo, Ohio, a corporation of Ohio. Republished by registrant.

BUCKEYE

FOR MALT BEVERAGE WITH NOT MORE THAN THE LEGAL ALCOHOLIC CONTENT.
Claims use since 1885.

Reg. No. 336,369. Registered July 7, 1936. THE BUCKEYE BREWING COMPANY, Toledo, Ohio, a corporation of Ohio. Republished by registrant.



FOR MALT BEVERAGE WITH NOT MORE THAN THE LEGAL ALCOHOLIC CONTENT.
Claims use since Dec. 30, 1935.

Reg. No. 345,323. Registered Apr. 20, 1937. BEVERWYCK BREWERIES, INC., Albany, N. Y., a corporation of New York. Republished by registrant.

Beverwyck

FOR ALE AND LAGER BEERS.
Claims use since about December 1877.

Reg. No. 371,924. Registered Oct. 17, 1939. THE GEO. WIEDEMANN BREWING CO., INC., Newport, Ky., a corporation of Kentucky. Republished by registrant.

Royal Amber

FOR BEER.
Claims use since on or about Jan. 1, 1894.

Reg. No. 385,098. Registered Feb. 18, 1941. KIEWEL BREWING COMPANY, Little Falls, Minn., a corporation of Minnesota. Republished by registrant.

WHITE SEAL

The drawing is lined for gold.
FOR BEER.
Claims use since on or about June 5, 1907.

CLASS 50

MERCHANDISE NOT OTHERWISE CLASSIFIED

Reg. No. 377,333. Registered Apr. 30, 1940. KEASBEY & MATTISON COMPANY, Ambler, Pa., a corporation of Pennsylvania. Republished by registrant.

K&M best in asbestos

The words "Best in Asbestos" are disclaimed.
FOR ASBESTOS CLOTH.
Claims use since about Oct. 1, 1937.

Reg. No. 411,620. Registered Jan. 23, 1945. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant.

Armstrong's

FOR BOTTLE CORKS.
Claims use since about 1864.

Reg. No. 412,143. Registered Feb. 20, 1945. ARMSTRONG CORK COMPANY, Lancaster, Pa., a corporation of Pennsylvania. Republished by registrant.

FLEXICORK

FOR RESILIENT PLASTIC COMPOSITION MATERIAL CONTAINING CORK FOR USE IN THE MANUFACTURE OF SHOES.
Claims use since on or about June 23, 1944.

REISSUES

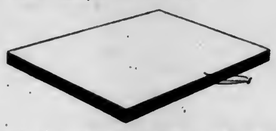
APRIL 27, 1948

22,995

METHOD AND APPARATUS FOR MOLECULAR ABSORPTION OF VIBRATION

Clark W. Chamberlain, East Lansing, Mich.

Original No. 2,407,400, dated September 10, 1946, Serial No. 531,900, April 20, 1944. Application for reissue September 5, 1947, Serial No. 772,380
32 Claims. (Cl. 188—1)



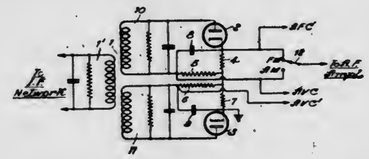
1. A device of the class described including an enclosing envelope comprising, a lower member of metal depressed within the peripheral portions thereof to form a recess and flange portions around the recess and a similar upper member reversed with respect to and positioned over the lower member, with flange portions of the envelope members in engagement with each other and permanently secured together, and a plurality of thin sheets of metal in superimposed relation located in the recessed portions of said plates, said sheets at opposing surfaces having liquid applied thereto and with all excess liquid removed to leave a liquid film of a thickness only of the molecules of such liquid as are held by molecular attraction of the metal thereon, said envelope plates bearing against the upper and lower sheets of said plurality of sheets to place them under pressure which forces free air from between the superimposed sheets and leaves a film of air attached to and held by molecular attraction of the liquid films.

22,996

DIFFERENTIAL DETECTOR CIRCUITS

Murray G. Crosby, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Original No. 2,296,092, dated September 15, 1942, Serial No. 402,784, July 17, 1941. Application for reissue December 28, 1943, Serial No. 515,963
13 Claims. (Cl. 250—27)



12. In combination with a source of signals, a pair of detectors each having a respective input circuit coupled to said source, a respective output resistor operatively associated with each detector, means for joining a point on one resistor to a point on the other resistor, said points being located so as to divide each output resistor into first and second sections, connections for deriving from across the first section of one output resistor and the second section of the second output resistor in series aiding relation the additive combination of the detected voltages developed thereacross, and separate connections for deriving from across each of the second sections of the two output resistors in series-opposing relation the differential combination of the detected voltages developed thereacross.

PATENTS

GRANTED APRIL 27, 1948

2,440,236
CATALYST
Robert I. Stirton, Redondo Beach, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California
No Drawing. Original application May 3, 1944, Serial No. 533,949. Divided and this application February 12, 1946, Serial No. 647,215
8 Claims. (Cl. 252—210)

1. A catalyst consisting essentially of a major proportion of a carrier selected from the class consisting of alumina which has been activated and magnesia, and a minor proportion between about 1% and 15% of a heavy metal oxide catalytic agent distended thereon, said carrier having been stabilized by the addition thereto of between 1% and 15% of aluminum orthophosphate.

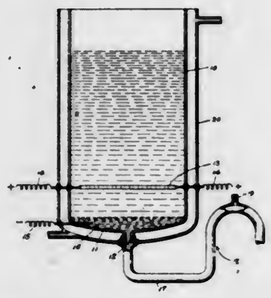
2,440,237
RESINOUS POLYMERS OF UNSATURATED ETHEREAL ESTERS
David E. Adelson, Berkeley, and Hans Dannenberg, Berkeley Highlands, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application February 1, 1944, Serial No. 520,688
17 Claims. (Cl. 260—78.3)

17. A polymer of a compound represented by the general formula

$$R_1\text{—O—D—}\overset{\overset{O}{\|}}{C}\text{—O—}R_2$$

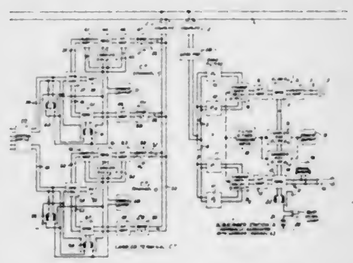
wherein R_1 and R_2 are allyl groups and D is a divalent saturated unsubstituted hydrocarbon radical of 1 to 17 carbon atoms.

2,440,238
MEANS FOR PRODUCING MERCURY ELECTROLYTICALLY FROM ACID SOLUTIONS
Harold R. Alley, Northbrook, and Benjamin F. Freeberg, Chicago, Ill.
Application December 9, 1942, Serial No. 468,396
2 Claims. (Cl. 204—250)



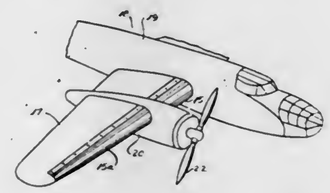
1. An electrolytic cell for producing metallic mercury from an acid electrolyte containing a mercury salt having, in combination, a cylindrical container for acid electrolyte, the bottom wall of said container sloping inwardly and downwardly and having a central outlet, a liquid cooling jacket about said container, a stationary anode consisting of a flat perforate member suspended transversely in said container and having leads extending through and sealed in the side wall of said container in the lower portion thereof, a cathode in the lower portion of said container below said anode and comprised of a static pool of metallic mercury, a conduit connected at one end to said outlet and having a reverse bend located above said outlet for maintaining constant the level of said cathode pool within the container, and an air vent opening upwardly from the top of said reverse bend in said conduit, said conduit affording a passage for the continuous removal of mercury from said pool as mercury is electrolytically deposited thereon.

2,440,239
TWO-WAY CARRIER WAVE TELEPHONE SYSTEM
Milton L. Almquist, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 6, 1945, Serial No. 633,205
9 Claims. (Cl. 179—15)



3. In a carrier wave communication system, a transmission medium, a plurality of groups of subscriber carrier communication stations and a corresponding number of two-way carrier terminals connected to said medium, one group of said subscriber stations and one of said carrier terminals associated with one carrier channel on said medium normally utilizing one carrier frequency for transmission in one direction between each subscriber station in that group and said one carrier terminal and a second carrier frequency for transmission in the opposite direction therebetween, a second group of said subscriber stations and a second of said carrier terminals associated with a second carrier channel on said medium normally utilizing a third carrier frequency for transmission in one direction between each subscriber station in the group and said second carrier terminal and a fourth carrier frequency for transmission in the opposite direction therebetween, a common central switching office associated with said medium separately through the carrier terminal station for each carrier channel and means to enable two-way communication without appreciable signal distortion between any two subscriber stations normally associated with the same carrier channel comprising means under control of the subscriber at the one of said two stations calling the other for changing the carrier transmitting and receiving frequencies of said one station only to those normally utilized by the subscriber stations of another channel, and means under control of said central switching office for setting up a connection between the carrier terminal stations for said same and said other channel such that the communication signals received by each from said medium are retransmitted by the other on its normal carrier transmitting frequency over said medium.

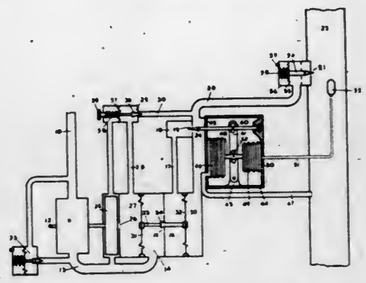
2,440,240
PROTECTIVE COVERING FOR PREVENTING ACCUMULATION OF ICE ON AIRFOILS
John O. Antonson, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application December 29, 1944, Serial No. 570,308
10 Claims. (Cl. 244—134)



1. Apparatus for preventing the accumulation of ice on a surface exposed to ice-forming conditions in airflow, said apparatus comprising a covering of elastic material for said surface including a front portion and a rearward portion and including a plurality of inflatable passages in each of said portions for distending said covering into a series of ridges, said plurality of passages in said front portion being wholly disposed within the latter said portion and of widths gradually narrower throughout their lengths toward said rearward portion, and said plurality of passages in said rearward portion being wholly disposed therein closely adjacent one another and being of less width throughout their lengths than the width of each of said passages in said front portion, whereby said covering is distensible into ridges relatively small and closely adjacent one another in said rearward portion as compared to the ridges in said front portion.

2,440,241
FUEL SUPPLY SYSTEM FOR INTERNAL-COMBUSTION ENGINES
George Jeffrey Armstrong, Farnborough, England
Application February 27, 1945, Serial No. 580,028
In Great Britain June 9, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires June 9, 1963
6 Claims. (Cl. 123—119)

1. In a fuel supply system for injecting fuel into an internal combustion engine intake the provision of means for adjusting a metering valve to represent a function of the absolute pressure in the intake and of a pressure equivalent to the exhaust back pressure, said means comprising two connected resilient bellows of different size connected to said valve, one of said bellows being evacuated internally, and the other subjected internally to the pressure in the intake and both being immersed in a liquid whose pressure is

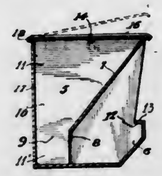


maintained at a value exceeding said other pressure by a predetermined quantity.

2,440,242
ESTERIFIED ROSIN MODIFIED WITH ORGANIC ACIDS AND PROCESS FOR MAKING SAME
Laszlo Auer, South Orange, N. J.
No Drawing. Application October 12, 1942, Serial No. 461,800
11 Claims. (Cl. 260—104)

1. A process for preparing a condensation product of rosin which process comprises incorporation in the rosin from 2% to 30% of an organic acid selected from the class consisting of oxalic acid, citric acid, salicylic acid, tartaric acid and benzoic acid, and heating the mixture between about 160° C. and 350° C., but not above the temperature at which extensive decarboxylation occurs under the conditions of the process, said heating being carried out for at least one half hour and until condensation takes place between the rosin and the acid used and further comprising esterification of the modified rosin.

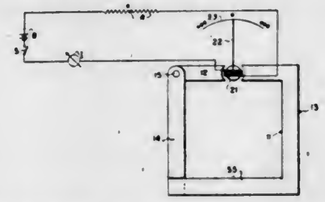
2,440,243
POULTRY FEEDER
Dora E. Barrett, El Centro, Calif.
Application December 11, 1943, Serial No. 513,947
1 Claim. (Cl. 119—52)



A poultry feeder comprising a feeding trough having side walls, at least one of said side walls being provided on its upper edge with an inturned flange, a feed hopper for the trough having spaced side walls, at least one of said side hopper walls sloping downwardly toward the other and from the flanged wall of the trough and terminating in a vertical lower edge portion, said feeder having end walls common to the hopper and the trough, said end walls extending beyond the sloping side wall of the hopper and being provided with shoulders, the ends of said inturned flange extending inwardly upon and being secured to said shoulders, a transverse partition dividing the hopper into compartments and having a sloping

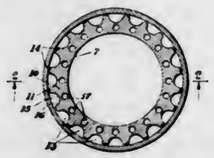
edge and provided with a depending lower portion that extends to the bottom of the trough, the upper portion of the sloping wall of the hopper and its vertical lower edge portion being respectively secured to the sloping edge and to the edge of the depending lower portion of the partition.

2,440,244
ELECTRICAL HOOK-ON METER SYSTEM
Thomas B. Brown, Arlington, Va.
Application June 4, 1943, Serial No. 489,670
9 Claims. (Cl. 171—95)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



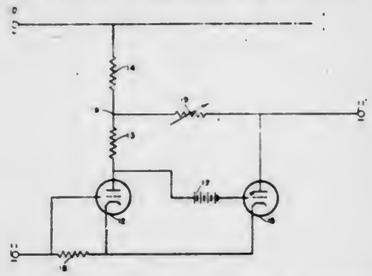
1. In a device of the character disclosed for measuring direct current flowing within a conductor without establishing a physical connection thereto, a core of magnetic material having a movable portion and adapted to be arranged about the conductor, a movable coil rotatably arranged within the magnetic circuit of said core, an indicating element controlled by said coil and rotatable therewith, means for yieldably urging the indicating element toward an initial setting, means for causing a predetermined flow of current within said coil whereby the electrodynamic reaction between the flux set up by the coil and the flux induced within the core by said conductor causes the indicating element to be rotatively moved from said initial setting to a setting corresponding to the current flowing within said conductor, and means for measuring said predetermined flow of current by the full scale deflection of said indicating element.

2,440,245
COOLING OF HIGH-TEMPERATURE BODIES
Paul Georges Chevigny, New York, N. Y., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application March 13, 1944, Serial No. 526,168
19 Claims. (Cl. 250—27.5)



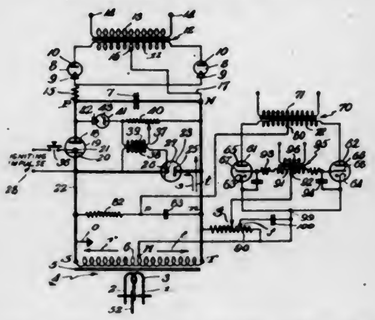
1. In combination, an anode structure having a heated surface and a longitudinally corrugated cooled surface, means for passing a liquid cooling medium over said cooled surface, and heat flow deviation means arranged between said heated surface and the bottom portion of the grooves of said cooled surface in such a way as to provide longer heat conducting paths from the heated surface to the bottom of said grooves than without said heat flow deviation means.

2,440,246
VOLTAGE REGULATOR
George W. Cook, Washington, D. C.
Application February 15, 1943, Serial No. 475,921
7 Claims. (Cl. 323—22)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A voltage regulator adapted to operate between a source of constant potential and a load, including a positive input line, a negative input line, a shunt across said lines including an electron tube, resistance means in the negative input line for producing a voltage drop depending on the flow of current through said load and through said shunt, means dependent upon the voltage drop across said resistance means for biasing the electron tube to vary the conductivity thereof, another electron tube in the negative input line between the resistance means and the load, means for varying the plate resistance of the said other tube and thus the output of the regulator by means of the variation in the conductivity of the first mentioned tube, and means for fixing the incremental resistance of the regulator within its operating range at zero.

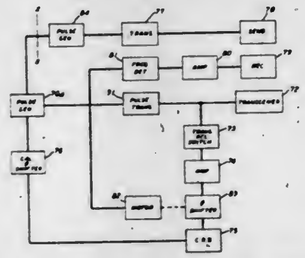
2,440,247
WELDING SYSTEM
John W. Dawson, Auburndale, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application January 23, 1942, Serial No. 427,897
11 Claims. (Cl. 323—58)



1. An electric control system comprising a transformer having an input winding with two supply terminals, an intermediate terminal, an output winding and a magnetic circuit coupling said windings, means for supplying to said windings a current impulse with an ascending and a decaying period and having a unidirectionally operative component, a resistance and a capacitance

connected in series between said input terminals, voltage apportioning means connected between said intermediate terminal and one of said supply terminals, a current source having terminals supplying a voltage difference, electronic valve means having cathode means connected to said intermediate terminal, anode means connected in series with said source terminals to a point between said resistance and said condenser, control electrode means connected to a point of said apportioning means.

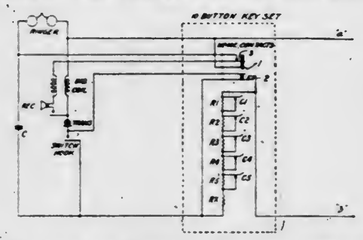
2,440,248
OBJECT LOCATING APPARATUS
Wilfrid L. Dawson, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Original application August 19, 1944, Serial No. 550,155. Divided and this application December 20, 1946, Serial No. 717,372
6 Claims. (Cl. 177—352)



2. In combination with distance determining apparatus comprising means at an observing point for transmitting one portion of a signal pulse and receiving its echo, and means responsive to the echo and a further portion of the signal pulse for indicating the distance to an object causing the echo, means to compensate the distance indication for relative motion between said observing point and object, said last means comprising means at said point for transmitting a compensating pulse of preselected frequency and receiving its echo, and means responsive to frequency variations in the compensating echo, with reference to the preselected frequency, for varying the delay of echo of the signal pulse in a sense depending on the direction of the relative motion between said observing point and object, and to an extent depending on the amount of such relative motion whereby the distance indication is compensated for such relative motion for each distance-determining echo.

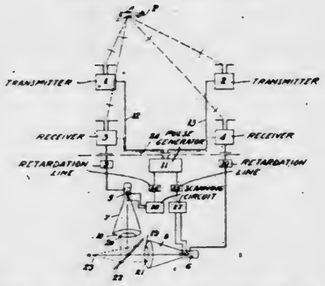
2,440,249
KEY CONTROLLED NUMERICAL DIGIT REGISTER EQUIPPED WITH DISCHARGE TUBE MEANS
Gerald Deakin, New York, N. Y., assignor to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application April 21, 1944, Serial No. 532,142
25 Claims. (Cl. 179—18)

1. In a telecommunication system, a plurality of lines, each having a multi-digit number, means including a plurality of stages of numerical selector switches for establishing a connection between a calling and a called line, a plurality of keys for each line, a normally inactive register comprising digit switching means for variably operating the selectors in accordance with the different digits of the called number, said register comprising a plurality of electric discharge tube means less in number than the keys associated with a line, means for establishing a conductive connection from the keys to the tube means, a



source of direct current potential, means controlled by the keys over the connection for selectively operating the tube means from said source, and means controlled by the tubes for variably controlling the digit switching means.

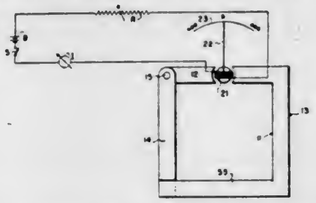
2,440,250
RADIO LOCATION SYSTEM
Edmond M. Deloraine and Emile Labin, New York, N. Y., and Paul François Marie Gloess, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application June 3, 1943, Serial No. 489,476
In France April 4, 1940
1 Claim. (Cl. 250—1.70)



A system for indicating the position of a distant body capable of returning received radio frequency impulses, comprising means for radiating energy impulses to said body, a first receiving means for receiving impulses returned from said body, a second receiving means for receiving impulses returned from said body, said second receiving means being spaced a predetermined significant distance from said first receiving means, said body having different characteristics of position with respect to said first and said second receiving means respectively, a first reproducing means responsive to the impulse received by said first receiving means for producing the first indication corresponding to a characteristic of the position of said object with respect to said first receiving means, a second reproducing means responsive to the impulse received by said second receiving means for producing the second indication corresponding to a characteristic of position of said body with respect to said second receiving means, and means for combining said indications including means to superpose the separate indications thereby producing a resultant indication of the position of said body

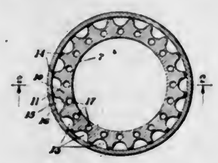
edge and provided with a depending lower portion that extends to the bottom of the trough, the upper portion of the sloping wall of the hopper and its vertical lower edge portion being respectively secured to the sloping edge and to the edge of the depending lower portion of the partition.

2,440,244
ELECTRICAL HOOK-ON METER SYSTEM
Thomas B. Brown, Arlington, Va.
Application June 4, 1943, Serial No. 489,670
9 Claims. (Cl. 171—95)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



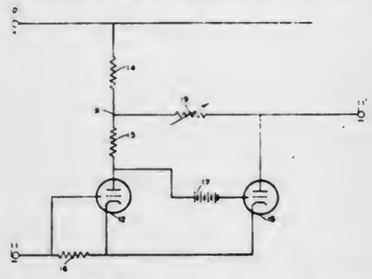
1. In a device of the character disclosed for measuring direct current flowing within a conductor without establishing a physical connection thereto, a core of magnetic material having a movable portion and adapted to be arranged about the conductor, a movable coil rotatably arranged within the magnetic circuit of said core, an indicating element controlled by said coil and rotatable therewith, means for yieldably urging the indicating element toward an initial setting, means for causing a predetermined flow of current within said coil whereby the electrodynamic reaction between the flux set up by the coil and the flux induced within the core by said conductor causes the indicating element to be rotatively moved from said initial setting to a setting corresponding to the current flowing within said conductor; and means for measuring said predetermined flow of current by the full scale deflection of said indicating element.

2,440,245
COOLING OF HIGH-TEMPERATURE BODIES
Paul Georges Chevigny, New York, N. Y., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application March 13, 1944, Serial No. 526,168
19 Claims. (Cl. 250—27.5)



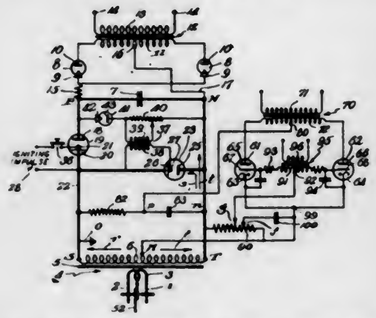
1. In combination, an anode structure having a heated surface and a longitudinally corrugated cooled surface, means for passing a liquid cooling medium over said cooled surface, and heat flow deviation means arranged between said heated surface and the bottom portion of the grooves of said cooled surface in such a way as to provide longer heat conducting paths from the heated surface to the bottom of said grooves than without said heat flow deviation means.

2,440,246
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George W. Cook, Washington, D. C.
Application February 15, 1943, Serial No. 475,921
7 Claims. (Cl. 323—22)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A voltage regulator adapted to operate between a source of constant potential and a load, including a positive input line, a negative input line, a shunt across said lines including an electron tube, resistance means in the negative input line for producing a voltage drop depending on the flow of current through said load and through said shunt, means dependent upon the voltage drop across said resistance means for biasing the electron tube to vary the conductivity thereof, another electron tube in the negative input line between the resistance means and the load, means for varying the plate resistance of the said other tube and thus the output of the regulator by means of the variation in the conductivity of the first mentioned tube, and means for fixing the incremental resistance of the regulator within its operating range at zero.

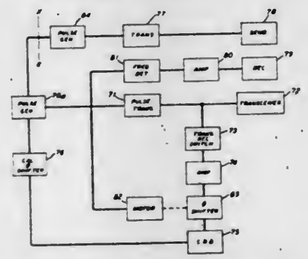
2,440,247
WELDING SYSTEM
John W. Dawson, Auburndale, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application January 23, 1942, Serial No. 427,897
11 Claims. (Cl. 323—58)



1. An electric control system comprising a transformer having an input winding with two supply terminals, an intermediate terminal, an output winding and a magnetic circuit coupling said windings, means for supplying to said windings a current impulse with an ascending and a decaying period and having a unidirectionally operative component, a resistance and a capacitance

connected in series between said input terminals, voltage apportioning means connected between said intermediate terminal and one of said supply terminals, a current source having terminals supplying a voltage difference, electronic valve means having cathode means connected to said intermediate terminal, anode means connected in series with said source terminals to a point between said resistance and said condenser, control electrode means connected to a point of said apportioning means.

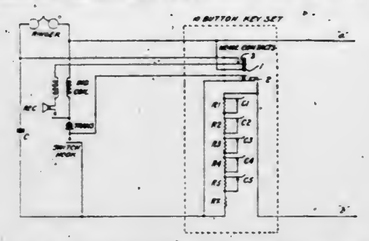
2,440,248
OBJECT LOCATING APPARATUS
Wilfrid L. Dawson, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Original application August 19, 1944, Serial No. 550,155. Divided and this application December 20, 1946, Serial No. 717,372
6 Claims. (Cl. 177—352)



2. In combination with distance determining apparatus comprising means at an observing point for transmitting one portion of a signal pulse and receiving its echo, and means responsive to the echo and a further portion of the signal pulse for indicating the distance to an object causing the echo, means to compensate the distance indication for relative motion between said observing point and object, said last means comprising means at said point for transmitting a compensating pulse of preselected frequency and receiving its echo, and means responsive to frequency variations in the compensating echo, with reference to the preselected frequency, for varying the delay of echo of the signal pulse in a sense depending on the direction of the relative motion between said observing point and object, and to an extent depending on the amount of such relative motion whereby the distance indication is compensated for such relative motion for each distance-determining echo.

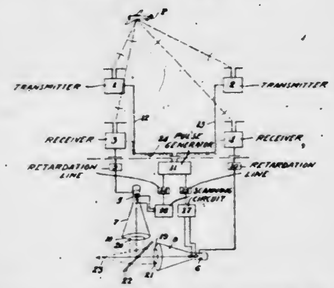
2,440,249
KEY CONTROLLED NUMERICAL DIGIT REGISTER EQUIPPED WITH DISCHARGE TUBE MEANS
Gerald Deakin, New York, N. Y., assignor to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application April 21, 1944, Serial No. 532,142
25 Claims. (Cl. 179—18)

1. In a telecommunication system, a plurality of lines, each having a multi-digit number, means including a plurality of stages of numerical selector switches for establishing a connection between a calling and a called line, a plurality of keys for each line, a normally inactive register comprising digit switching means for variably operating the selectors in accordance with the different digits of the called number, said register comprising a plurality of electric discharge tube means less in number than the keys associated with a line, means for establishing a conductive connection from the keys to the tube means, a



source of direct current potential, means controlled by the keys over the connection for selectively operating the tube means from said source, and means controlled by the tubes for variably controlling the digit switching means.

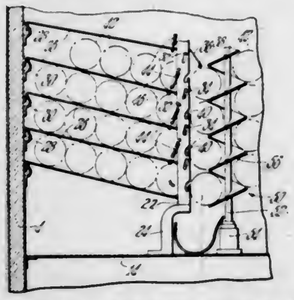
2,440,250
RADIO LOCATION SYSTEM
Edmond M. Deloraine and Emile Labin, New York, N. Y., and Paul François Marie Gloess, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application June 3, 1943, Serial No. 489,476
In France April 4, 1940
1 Claim. (Cl. 250—1.70)



A system for indicating the position of a distant body capable of returning received radio frequency impulses, comprising means for radiating energy impulses to said body, a first receiving means for receiving impulses returned from said body, a second receiving means for receiving impulses returned from said body, said second receiving means being spaced a predetermined significant distance from said first receiving means, said body having different characteristics of position with respect to said first and said second receiving means respectively, a first reproducing means responsive to the impulse received by said first receiving means for producing the first indication corresponding to a characteristic of the position of said object with respect to said first receiving means, a second reproducing means responsive to the impulse received by said second receiving means for producing the second indication corresponding to a characteristic of position of said body with respect to said second receiving means, and means for combining said indications including means to superpose the separate indications thereby producing a resultant indication of the position of said body

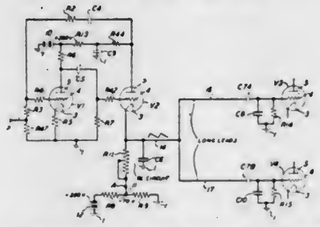
not given by the said first and second indications when uncombined, said combined indications being positioned with respect to each other in proportion to the spacing of said first and second receiving means.

2,440,251
VENDING MACHINE
Joseph M. Devens, Springfield, Mass.
Application June 21, 1944, Serial No. 541,311
3 Claims. (Cl. 312—48)



1. Apparatus for dispensing bottles and the like comprising in combination, a casing having side walls, transporters between the said side walls rotatable on vertical axes and having spirally arranged members for receiving and lowering bottles, vertically spaced shelves on opposite sides of and inclined downwardly toward said transporters hingedly connected at outer ends to said side walls whereby their inner ends may swing from lower to upper positions, and means on the inner ends of said shelves adapted to hold bottles on a shelf below against movement therefrom by the weight of bottles on the upper shelf.

2,440,252
MULTIVIBRATOR
Thomas L. Dimond, Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 13, 1945, Serial No. 582,457
6 Claims. (Cl. 250—36)



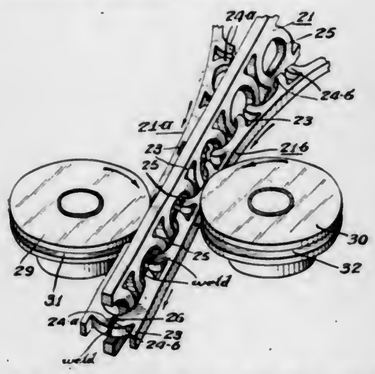
1. An oscillator for producing a saw-tooth wave form comprising a pair of electron discharge tubes each including a cathode, a control electrode and an anode, means including anode resistances for maintaining said anodes positive with respect to said cathodes, means including capacitances for connecting the anode of each of said tubes with the control electrode of the other of said tubes, means including resistances for connecting said control electrodes with one of said cathodes, means including another resistance for connecting the other of said cathodes with a source of direct current bias potential which is negative with respect to said one of said cathodes, and means including a condenser connected across said another cathode resistance, the value of said negative bias potential being related to a partial capacitance discharge value of said condenser and comprising means for obtaining a nearly linear discharge characteristic for the form of said saw-tooth wave when said condenser discharges through said another resistance.

2,440,253
PULSE RADAR INTERFERENCE PRODUCER
Sven H. M. Dodington, Forest Hills, N. Y., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application July 4, 1944, Serial No. 543,454
18 Claims. (Cl. 250—1.76)



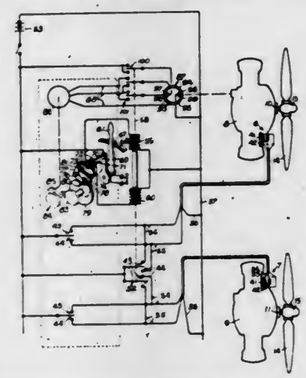
5. A repeater system for falsely simulating the reflection of a group of obstacles in response to a radio impulse comprising means for detecting radio impulses, pulse generating means responsive to energy of a detected impulse to produce a composite pulse signal simulating the reflection characteristics of said group of obstacles, and means to transmit said composite pulse signal at substantially the same carrier frequency at which said impulse was detected.

2,440,254
CHAIN AND METHOD AND APPARATUS FOR FORMING SAME
Howard W. Dodson, Yeadon, Pa., assignor to United Steel Barrel Company, Philadelphia, Pa., a corporation of Pennsylvania
Application July 14, 1944, Serial No. 544,907
9 Claims. (Cl. 59—35)



7. For forming a chain or the like, means for punching elongated strips from blanks of sheet-metal or the like, each of said strips including a plurality of longitudinally-spaced links integrally connected by pairs of lateral webs; means for longitudinally cutting a strip thereby to provide a pair of half-strips each including a plurality of half-links integrally connected by a lateral web; means for electrically flash-welding the cut ends of the pair of half-links in intermeshing engagement with the links of an uncut strip; and means for trimming the connecting webs from said strips, thereby to free the links.

2,440,255
REMOTE-CONTROL SYSTEM
George Forrest Drake, Rockford, Ill., assignor to Woodward Governor Company, Rockford, Ill., a corporation of Illinois
Application July 14, 1944, Serial No. 544,963
12 Claims. (Cl. 74—388)

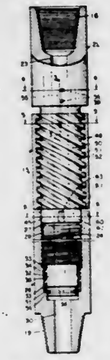


1. A remote control system having, in combination, a rotary member adapted to be power driven, an associated part to be moved in opposite directions to different positions selectable at a remote point of control, couplings adapted to be rendered operative selectively to couple said rotary member to said part to drive the latter in opposite directions, magnetic windings energizable to render the respective couplings operative in driving said part in a selected direction, a commutating switch driven in unison with said member, an electric motor located at said remote control point and adapted when electrically connected to said switch to rotate in unison therewith, means including control switches at said remote point controlling the energization of said coupling windings selectively, an element at said remote point manually movable to various positions and operable during such movement to close one or the other of said control switches, means driven by said motor and actuating said control switches to follow-up the movement of said element and open the closed switch when the selected position of said part has been reached, and means for electrically connecting said commutating switch and said motor while either one of said control switches is closed and disconnecting the same when both of said control switches are open.

2,440,256
PRODUCTION OF THERMOPLASTIC POLYMERIC MATERIAL
Henry Dreyfus, London, England; Claude Bonard, administrator of said Henry Dreyfus, deceased, assignor to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application August 2, 1944, Serial No. 547,805. In Great Britain July 26, 1943
1 Claim. (Cl. 260—83)

Process for the solution polymerization of methyl methacrylate, which comprises effecting said polymerization in a reaction medium comprising aqueous acetone, containing a plasticizer for the polymer, in an amount equal to 50 to 100% of the weight of the monomer, the ratio of acetone to water being about 8:3 the polymerization being carried out in a closed vessel at about 100° C. in the presence of a peroxide polymerization catalyst in solution, until substantially all the monomer is converted to polymer, all the polymer formed remaining in solution at the polymerization temperature although the reaction medium is not capable of holding the polymer in solution at atmospheric temperature, and then recovering the polymer in friable form by the evaporation of the acetone.

2,440,257
SAFETY JOINT
Lewis E. Edwards, Huntington Park, Calif., assignor of forty per cent to Anthony J. Keel, Downey, and twenty per cent to Louis Budway, Huntington Park, Calif.
Application September 7, 1946, Serial No. 695,379
12 Claims. (Cl. 285—146)

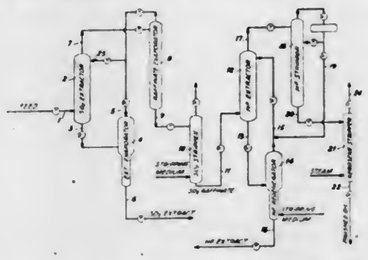


1. A safety joint including, a tubular mandrel member adapted to be carried at the lower end of a string of pipe, a tubular member adapted to be carried at the upper end of a complementary string of pipe, means providing a threaded connection between said members, flexible abutment means carried by one of said members for limiting the extent of said threaded connection between said members, and means tending to urge said abutment means into firm engagement with the other of said members when said abutment means is engaged by said other member and tends to rotate therewith as said members are rotated relatively in a direction to screw one onto the other and tending to urge said abutment means out of engagement with said other member when said members are rotated relatively in an opposite direction.

2,440,258
REFINING OF PETROLEUM DISTILLATES
Laverne P. Elliott, Berkeley, and Melvin M. Holm, San Francisco, Calif., assignors to California Research Corporation, San Francisco, Calif., a corporation of Delaware
Application August 8, 1945, Serial No. 609,676
8 Claims. (Cl. 196—14.19)

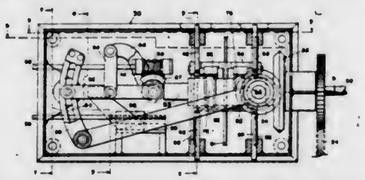
1. A process of refining a hydrocarbon oil containing aromatic and non-aromatic hydrocarbons and sulfur compounds to obtain therefrom a high yield of a product of extremely low sulfur content

and of controlled hydrocarbon type composition, comprising first extracting said hydrocarbon oil with liquid sulfur dioxide to remove the desired major amount of aromatic hydrocarbons therefrom, and subsequently extracting the raffinate



obtained from the sulfur dioxide extraction with liquid hydrogen fluoride in the absence of added agents other than up to 20% water to remove sulfur compounds substantially completely therefrom without appreciably changing the minor aromatic content of said raffinate.

2,440,259
CAM ACTUATED VALVE MECHANISM FOR FLUID PRESSURE ENGINES
Thomas C. Gray, United States Navy
Application March 9, 1945, Serial No. 581,818
14 Claims. (Cl. 121—167)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

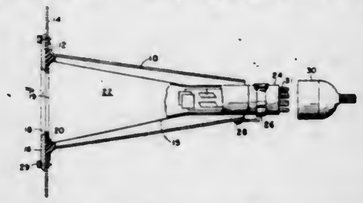


1. A fluid distribution control unit for actuating the valves of an elastic fluid engine comprising inlet and exhaust valve operating cams, engine driven means for imparting a timed rotary motion to said cams, and adjustable means including an axially movable sleeve for advancing and retarding the rotary motion of the cams during successive portions of their rotation.

14. A fluid distribution control unit for actuating the valves of a fluid engine comprising a cam supporting member, valve operating cams slidably mounted upon said cam-supporting member, means for rotating the cam-supporting member and the cams mounted thereon, means for imparting reciprocating movement to the cam supporting member, and a common drive for said rotating and reciprocating means.

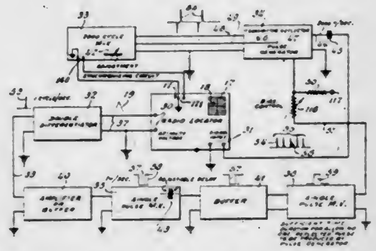
2,440,260
CATHODE-RAY TUBE MOUNT
James E. Gall, Washington, D. C.
Application July 14, 1945, Serial No. 605,160
5 Claims. (Cl. 250—141)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A cathode-ray tube mount comprising a hollow metallic shield having open ends and adapted to accommodate and encompass the sides of a cathode-ray tube, support means supporting said shield independently of the tube, means including a resilient abutting member arranged to engage and support the screen end of said cathode-ray tube in a desired operating position, contractile



clamp means for engaging and firmly gripping the base member of said cathode-ray tube in the closed position of said clamp means, and support means for said contractile clamp means fixed in relation to said shield.

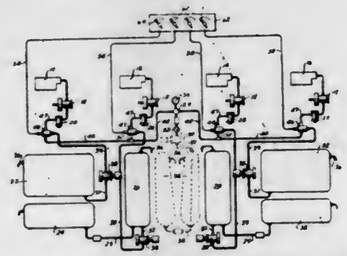
2,440,261
RADIO LOCATOR TEST APPARATUS
Edward L. Ginzton, Garden City, N. Y., assignor to The Sperry Corporation, a corporation of Delaware
Application May 30, 1945, Serial No. 596,707
10 Claims. (Cl. 250—1.62)



7. Recurrent pulse radio locator testing apparatus comprising a pulse generator for periodically producing pairs of pulses at a rate corresponding to the recurrent pulse repetition rate of the radio locator, means connected to said generator for normally suppressing the second of each pair of pulses, and a unit for periodically overcoming the suppressing of said second pulses whereby transmitted pulses of said radio locator are simulated by the first of each pair of pulses and reflections of some transmitted pulses are simulated by said unsuppressed pulses.

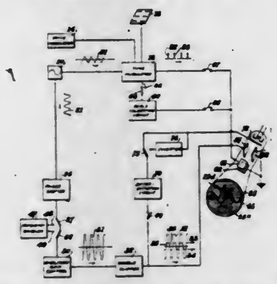
2,440,262
FUEL SUPPLY SYSTEM FOR AIRCRAFT
Ralph E. Grey and Edward M. Gavin, Osborn, Ohio
Application February 16, 1942, Serial No. 431,114
15 Claims. (Cl. 158—36)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

11. A fuel supply system for multiengined aircraft comprising a plurality of fuel outlet means, a fuel reservoir means associated with each of said outlet means, an individual conduit communicatively connecting each of said reservoir means with its associated outlet means, a multiway valve and a centrifugal pump interposed in each of said conduits, said valve being located between said pump and said outlet means and being provided with a control member settable to any one of a plurality of positions, a cross-feed conduit communicatively connected with each of said valves, a reserve fuel reservoir means, a separate conduit communicatively connecting said last-named means with said cross-feed conduit, and a shut-off valve and a centrifugal pump interposed in said separate conduit, each of said aforementioned pumps being characterized by its ability to pass fuel in either direction when rendered inoperative whereby, upon proper setting of said control members, fuel may be transferred from any selected reservoir means whose associated pump has been rendered operative to any of the remaining reservoir means whose associated pump has been rendered inoperative and simultaneously delivered to any one or more of said outlet means.



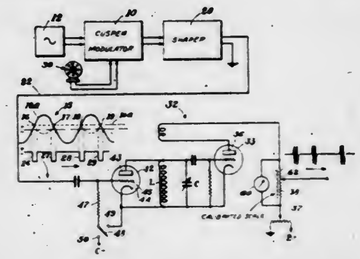
15. A fuel supply system for multiengined aircraft comprising a plurality of fuel outlet means; a fuel reservoir means associated with each of said outlet means; and a valve interposed between each outlet means and its associated reservoir means, each of said valves comprising a multiport valve body having one port communicatively connected with the outlet means, a second port communicatively connected with the reservoir means, and a third port communicatively connected with a corresponding port of each of the other of said valves, and the valves having a positionable selector means for each valve for controlling the flow of fuel through said valve body and between said ports whereby fuel may be delivered from any selected reservoir means to any selected outlet means.

2,440,263
MONITORING CIRCUIT
Donald D. Grieg, Forest Hills, N. Y., assignor to Federal Telephone and Radio Corporation, a corporation of Delaware
Application September 18, 1942, Serial No. 458,853
12 Claims. (Cl. 315—24)



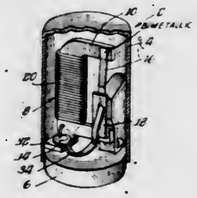
1. A method of monitoring the pairs of pulses of a pulse modulating system having a source of sinusoidal current, a generator forming recurring pairs of pulses in response to the sinusoidal current, means to time modulate said pairs of pulses and a cathode ray oscillograph; which method comprises clipping the sinusoidal wave a short distance above and below the center line thereof, using the inclined portions thus clipped from the sinusoidal wave to provide electrical sweep control for the oscillograph, the alternate inclined portions of the clipped wave constituting sweeps in opposed directions, and applying to the oscillograph at right angles to the electrical sweep control the energy of said pairs of pulses.

2,440,264
MODULATOR SYSTEM
Donald D. Grieg, Forest Hills, N. Y., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application October 15, 1943, Serial No. 506,412
6 Claims. (Cl. 179—171.5)



1. A modulating system comprising an oscillator having an oscillatory tank circuit for producing an oscillatory wave, a vacuum tube having plate, cathode and grid electrodes, means connecting said plate and cathode electrodes across a part of said oscillator tank circuit, means for connecting the grid electrode to a source of pulses of negative polarity, a grid leak, and means connecting said grid leak to the cathode electrode to normally give the grid electrode zero bias, such zero bias condition functioning to permit said tube to conduct upon occurrence of positive halves of oscillations thereby preventing occurrence of oscillations during such zero bias condition, and said pulses of negative polarity operating to bias the tube to cut-off thereby rendering said tube non-conductive so as to permit said oscillator to produce oscillations during the occurrence of said pulses.

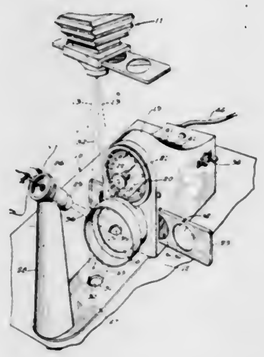
2,440,265
FLASHER
Henry R. Gross, Chicago, Ill.
Application April 5, 1943, Serial No. 481,852
3 Claims. (Cl. 200—113)



1. A flasher comprising a housing having one wall formed by a member of insulating material,

a relay in said housing and comprising a core mounted on said member, a coil upon said core, a switch blade comprising a thermo-responsive strip secured and electrically connected at one end to said core, an armature carried by said strip and attracted to said core when said coil is energized, a contact carried by said armature, a metal bracket mounted on said member, a switch contact carried by said bracket and positioned for engagement by the contact carried by the armature when the thermo-responsive strip is cold and for disengagement when the thermo-responsive strip is hot, terminal means connected to one end of the relay coil and extending out of the housing through said member, the other end of said coil being connected to said core, and additional terminal means connected to said bracket and extending out of the housing through said member.

2,440,266
COMPARISON TYPE LIGHT MEASURING DEVICE
Joseph M. Hall, Chicago, Ill.
Application December 4, 1944, Serial No. 566,431
12 Claims. (Cl. 88—23)

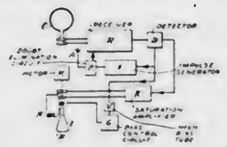


1. In a densitometer for measuring a light beam projected onto a substantially horizontal surface, a casing adapted to rest upon said surface on the side of said beam opposite from the observer without masking the projection of the beam on said surface, a mirror serving as a wall of said casing in a direction transversely of the axis of the beam, said mirror facing outwardly of the casing and being positioned to direct to the observer's eye by reflection an image of the beam projection on said surface, said mirror having a light-transmitting spot within its reflecting area, a light source within said casing to illuminate said spot, a plurality of relatively movable members in a plane intersecting the path of light from said source to said spot, said plurality of members cooperating to define an aperture for controlling the illumination of said spot whereby the illumination of the spot may be matched with the light reflected from the mirror surface around the spot, said aperture having at least one edge conforming to a logarithmic curve so that relative movement of said members in arithmetical progression will vary the area of said aperture in geometrical progression, and means to indicate the relative positions of said members in terms of light value.

2,440,267
PROPELLANT AND PROCESS FOR MANUFACTURING
George C. Hale, Dover, N. J., assignor to the United States of America as represented by the Secretary of War
No Drawing. Application March 20, 1939, Serial No. 263,047
16 Claims. (Cl. 52—13)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A propellent powder comprising nitrocellulose 77.8%, nitroglycerin 20%, dinitrotoluene 1.2%, a stabilizer 1%, and having a coating of dinitrotoluene 2 to 10%.

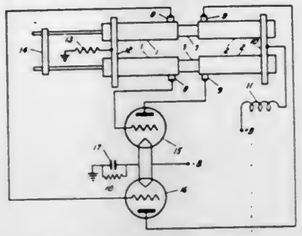
2,440,268
ELECTROMAGNETIC WAVE DIRECTION INDICATOR
René Hardy, Lyon, France, assignor to International Standard Electric Corporation, New York, N. Y.
Application May 28, 1943, Serial No. 488,875
In France January 17, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires January 17, 1961
9 Claims. (Cl. 343—118)



1. A radio direction finder comprising a directional antenna, means to rotate the directivity of said antenna, means to receive a signal from said antenna, means to detect said signal, means to produce pulses from portions of said detected signal having a value above a predetermined value, a second antenna adapted to intercept signals from any direction, means controlled by said pulses to feed said last mentioned signals into said receiving means during the periods of said pulses only, a cathode ray tube, means to control the spot of said tube in one coordinate of a two coordinate system with the rotation of said antenna directivity, means to control said spot in the other coordinate by the output of said detecting means, and means to extinguish the spot of said cathode ray tube for a predetermined period of time when the output of said detecting means rises above a predetermined value.

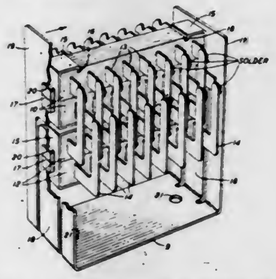
2,440,269
TUNABLE OSCILLATOR
Berthal W. Hargrove, Mayfield, Ky.
Application September 20, 1944, Serial No. 554,927
2 Claims. (Cl. 250—36)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A tunable, push-pull oscillator circuit comprising a pair of electron tubes each having at least an anode, a cathode and a grid, a first lecher line having a pair of spaced, parallel conductors respectively connected to the grids of said tubes, a second lecher line having a pair of spaced, parallel conductors respectively connected to the anodes of said tubes, a shorting bar on said first lecher line connected to said cathodes, a shorting bar on said second transmission line connected to said cathode in series with a source of plate current, said lecher lines being aligned in end-to-end relation, and a movable metallic element capacitatively coupling each conductor of said first lecher line with an



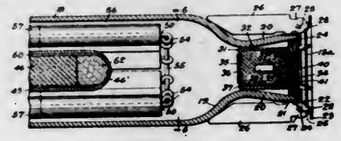
aligned conductor of said second lecher line, said metallic element overlapping only a portion of each line.

2,440,270
ELECTRICAL CONNECTOR
Rudolph A. Hecht, Teaneck, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application July 3, 1946, Serial No. 681,202
13 Claims. (Cl. 173—328)



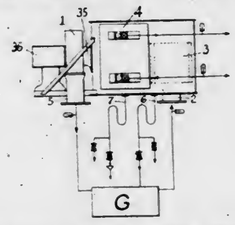
1. An electrical connector comprising a pair of terminal units each having a plurality of contact springs, corresponding springs of said units having terminal ends mechanically connected together by fusible solder, and independently flexible supports for each of said units whereby said units may be relatively displaced to relatively tension the contact springs thereof at their soldered terminal ends.

2,440,271
ROCKET PROJECTILE
Clarence N. Hickman, Jackson Heights, N. Y., assignor to United States of America as represented by the Secretary of War
Application June 26, 1944, Serial No. 542,214
19 Claims. (Cl. 102—49)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



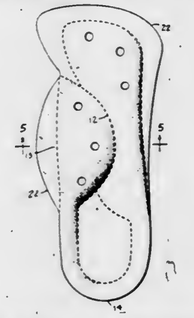
6. In a rocket projectile, a shell head, a motor tube of material frangible under predetermined explosive pressure and having a terminal Venturi nozzle, a tube extended from said head within the motor tube and having a hemispherical closed end, a bursting charge in the head and second tube, a propellant in the first tube around the second one, said hemispherical end being spaced in a relation to the venturi coordinated with the stream line flow of gases from the propellant beside the second tube to said nozzle.

2,440,272
DEHUMIDIFYING UNIT
William B. Holden, United States Navy
Application May 24, 1944, Serial No. 537,027
1 Claim. (Cl. 183—32)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



In combination with a closed gear casing, an apparatus for removing vapor and entrained oil droplets from the atmosphere of said casing that exists above the lubricant contained therein, said apparatus comprising three compartments connected in series, the first compartment containing a filter element and a drain for returning separated oil to the casing, the second compartment containing a vapor condensing means and a drain for removing condensed liquid, and the third compartment containing a blower, said first and third compartments further having inlet and outlet respectively connected to the gear casing at widely separated points.

2,440,273
ORTHOPAEDIC APPLIANCE
Harry Edward Hukill, Los Angeles, Calif., assignor to Velva-Sole Corporation, Chicago, Ill., a corporation of California
Application September 14, 1943, Serial No. 502,358
4 Claims. (Cl. 36—71)



1. A foot support and exerciser comprising an elongated body formed of resilient material and having a flat lower surface, said body being formed to provide a metatarsal pad portion at its forward end having a convexly curved upper surface and tapering in width to a relatively narrow strip in the medial portion of the body

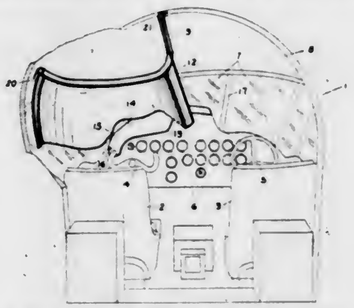
along the outer side thereof, said strip portion having a laterally convexly curved upper surface and having an inwardly extending projection to provide a cuboid pad portion, said body having a substantially semi-circular half-dome-like pad portion located medially of the body along the inner side thereof, having a heel portion comprising a relatively thin substantially U-shaped loop extending from said last mentioned pad portion to said cuboid pad portion; and relatively thin flexible covers for the upper and lower surfaces of said body, said covers extending for a substantial distance beyond the lateral margins of said body in the region of the metatarsal pad portion thereof.

2,440,274

HOOD FOR SIMULATED INSTRUMENT FLYING IN MULTICONTROL AIRCRAFT

Franz O. Ibisch, United States Navy, Columbus, Wis.

Application May 5, 1945, Serial No. 592,153
4 Claims. (Cl. 244—121)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



4. In an airplane having an instrument panel and dual controls, a seat for an operator behind each control, transparent windows in front and to the sides of the seats, an opaque overhead, and an opaque hood depending from the overhead and extending forwardly from adjacent the rear margin of one side window, then laterally from adjacent the forward margin of said side window to a point adjacent the inner margin of the adjacent seat, then rearwardly, the hood surrounding both sides and the front of said seat and being of such dimensions that the windows are obscured to an occupant of said seat while the instrument panel remains visible to such occupant.

2,440,275

POWER SUPPLY SYSTEM FOR CARRIER COMMUNICATION SYSTEMS

Richard Kelly, London, England, assignor to Standard Telephones and Cables Limited, London, England, a British company

Application July 12, 1943, Serial No. 494,343
In Great Britain August 7, 1942
2 Claims. (Cl. 175—363)

1. In a power supply system for a multichannel carrier system in which each high tension direct current voltage controlling a load circuit is derived from an alternating current supply through a transformer and rectifier, regulation being obtained by controlling the potentials of a thermionic valve having a plurality of grids, the anode voltage of which controls the impedance of a space discharge regulator device connected in series with the load circuit, the combination therewith comprising means for deriving a bias reference potential, said means further comprising a separate transformer having a primary connected to said alternating current supply and a secondary, a static regulator of the



saturable choke type connected in said primary, a rectifier connected in said secondary, means for deriving a potential in opposition to said reference potential, said opposition potential varying according to the potential across the load circuit, and means for applying said reference potential and said opposition potential to the input of said thermionic valve.

2,440,276

BREWING METHOD USING ALBEDO IN WORT

Abraham Arnold Klein, Tel Aviv, Palestine

No Drawing. Application December 7, 1944, Serial No. 567,125. In Palestine September 25, 1943
7 Claims. (Cl. 99—52)

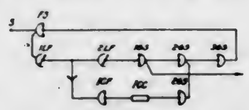
1. In the process of brewing beer the step of boiling the wort with the addition of albedo from citrus fruit as flavouring agent.

2,440,277

CALLING LINE IDENTIFICATION SYSTEM

Jacob Kruithof and Ladislas Kozma, Antwerp, Belgium, assignors to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware

Application May 8, 1943, Serial No. 486,273
In the Netherlands August 21, 1941
Section 1, Public Law 690, August 8, 1946
Patent expires August 21, 1961
11 Claims. (Cl. 179—27)



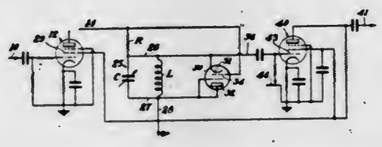
1. In an automatic telephone exchange system, a plurality of groups of lines each designated by a different number, means including non-numerical switches and numerical group and final selectors for establishing a connection between a calling and a called line, equipment for identifying the number of the calling line, different sources of characteristic A. C. potentials, means for operating at least one of said group selectors and a final selector to connect said equipment with the calling line, means to connect the equipment with the calling line over the non-numerical switch employed in the establishment of said connection, connections from said sources to the last mentioned means, and means in said equipment responsive to said A. C. potentials.

2,440,278

PULSE SELECTING AND ELIMINATING SYSTEM

Emile Labin, New York, and Donald D. Grieg, Forest Hills, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J., a corporation of Delaware

Application May 15, 1943, Serial No. 487,072
9 Claims. (Cl. 250—27)



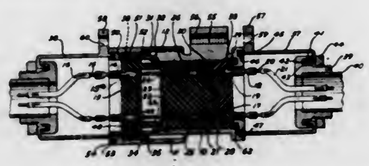
6. A system for distinguishing by greater amplitude a wanted pulse of a given duration from pulses of greater duration but of substantially the same amplitude, comprising a resonant circuit, means to apply the pulses for shock excitation of said circuit by the leading and trailing edges of the pulses, control means to maintain the circuit in oscillatory condition for the duration of each pulse so that the oscillations initiated by the edges of each pulse combine to form an undulation following the trailing edge of the pulse, means to damp out the oscillations normally following said undulation, means to render the means for damping out oscillations inoperative for the duration of each applied pulse, said circuit being tuned to a wavelength the period of which is twice the duration of said wanted pulse so that the oscillations set up by the edges of the wanted pulse are timed one half wavelength apart to provide an undulation of maximum amplitude and the oscillations produced by the edges of pulses of greater duration are timed greater distances apart than said one half wavelength to form undulations of amplitude less than said maximum undulation, and means for threshold clipping the peak portions of the maximum undulations.

2,440,279

CABLE CONNECTOR

John S. Larkins, Jr., Scotia, N. Y.

Application November 6, 1944, Serial No. 562,151
6 Claims. (Cl. 173—328)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



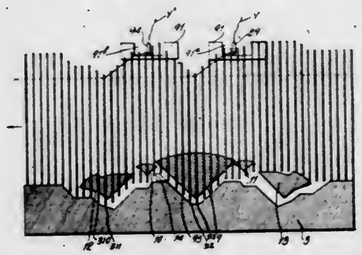
1. A cable connector comprising insulating means having a passage therein, a conducting element loosely received in said passage, said element having a contact member at one end thereof, a conductor anchored in said insulating means in line with said conducting element and flexibly connected at one end to the other end of said conducting element to permit transverse play of the element in its passage, the other end of said anchored member protruding through said insulating means to provide a terminal for attachment of a wire thereto.

2,440,280

KNITTING MACHINE AND METHOD OF KNITTING

Robert H. Lawson, Lakeport, N. H., assignor to Scott & Williams, Incorporated, Laconia, N. H., a corporation of Massachusetts

Application November 13, 1943, Serial No. 510,166
9 Claims. (Cl. 66—48)



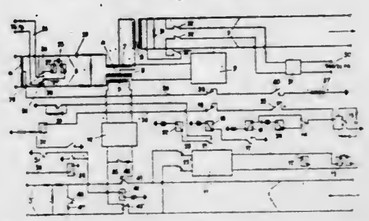
1. In a method of knitting heels and toes of stockings, the steps of feeding a plurality of yarns separately to the needles of a knitting machine during reciprocatory knitting so that any one yarn only appears in a recurring group of courses, progressively narrowing and widening the fabric knit by varying, by a group of needles, the needles operated to knit the yarns with each change in the direction of the knitting movement and joining the narrowed and widened sections along suture lines, the varying of the needles operated so relating the narrowing and widening that, in widening, the group of needles added in the knitting of one or more courses divides a group of needles which were narrowed together.

2,440,281

DEVICE FOR THE TRANSMISSION OF CALLING AND CLEARING SIGNALS IN LONG DISTANCE TELEPHONIC CIRCUITS

Myron Lebedinsky, Montlucon, France, assignor to Societe Anonyme de Telecommunications, Paris, France, a corporation of France

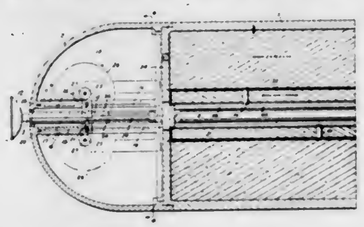
Application December 29, 1945, Serial No. 638,108
In France April 22, 1943
9 Claims. (Cl. 179—84)



1. A device for the transmission of voice frequency calling and clearing signals in long distance four-wire telephonic circuits comprising an auxiliary two-wire circuit connected to the trunk exchange, means for connecting said two-wire circuit to the four-wire circuit, a low frequency current generator, a generator of voice-frequency signals modulated at low frequency, a relay circuit, means actuated by said relay circuit for connecting said low frequency current generator in parallel with said auxiliary two-wire circuit, means connected to the incoming pair of the four-wire circuit for energizing said relay circuit when receiving a voice frequency

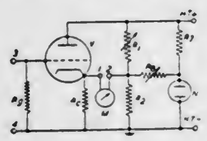
signal through said incoming pair, and means actuated by said relay circuit for connecting said generator of voice frequency signals in parallel with the outgoing pair of the four-wire circuit.

2,440,282
AERIAL BOMB
George R. Leghorn, San Francisco, Calif.
Application January 20, 1945, Serial No. 573,796
1 Claim. (Cl. 102—7.4)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



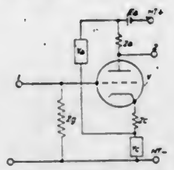
An aerial bomb having means comprising an axial passage, said bomb comprising a rod member slidable in the passage, spring means biasing said rod member forwardly of the bomb, a detent for said rod member and wind vane means associated with said detent means to release the rod on downward flight of the bomb, electric generating means for detonating the bomb, and means on the rod constructed and arranged to engage with said generating means at a predetermined degree of distension of the rod whereby said generating means is motivated on regression of the rod at impact of the bomb.

2,440,283
BALANCING OF ELECTRICAL BRIDGE CIRCUITS CONTAINING NONLINEAR ELEMENTS
Maurice Moise Levy, London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application November 20, 1943, Serial No. 511,105
In Great Britain April 5, 1943
9 Claims. (Cl. 323—75)



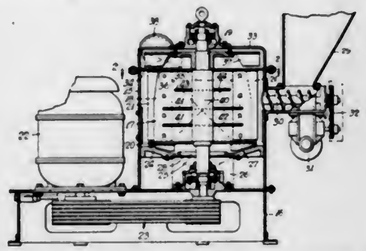
1. A bridge circuit which remains balanced when the operating voltage varies comprising means including a non-linear impedance constituting one bridge arm and a linear impedance in series therewith constituting another arm, a second linear impedance constituting the balancing arm therefor in the bridge, and means for imparting to the second linear impedance a substantially constant current voltage characteristic irrespective of substantial variations in the operating voltage from its normal voltage and substantially equivalent to the characteristics of said non-linear impedance and in accordance with the bridge ratio.

2,440,284
THERMIONIC VALVE CIRCUITS
Maurice Moise Levy, London, England, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application March 2, 1944, Serial No. 524,761
In Great Britain March 19, 1943
13 Claims. (Cl. 250—27)



1. An electrical circuit including a thermionic valve, said valve including an anode, a cathode, and a grid, a source of variable voltage, two impedances connected in series with one another to the terminals of said source, and means connecting the cathode of said valve to the common junction point of said impedances, and connections from said anode and said grid, respectively, to opposite ends of said impedances, the ratio of the electrical values of said impedances being so chosen that the performance of the valve circuit is independent of the variation of said voltage, a gas discharge tube connected across said source, and a potentiometer shunted across said tube with a tap connected to said grid to supply a steady bias to the grid from said source of variable voltage.

2,440,285
PULVERIZING AND CLASSIFYING MACHINE HAVING A ROTOR COMPRISING SUPERIMPOSED SECTIONS
Henry G. Lykken and William H. Lykken, Minneapolis, Minn.
Application April 28, 1943, Serial No. 484,898
9 Claims. (Cl. 241—56)

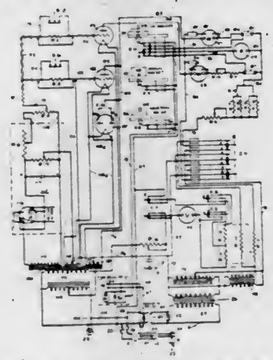


1. A pulverizing and classifying machine comprising a cylindrical casing, means for supplying air and material to be pulverized to said casing at regulated rates, a bottom in said casing having an opening therein for the admission of air, a cooperating ring and disc at the upper end of the casing spaced from each other to define an annular outlet, a closed end rotor of less diameter than the casing and having a plurality of radial blades extending substantially between said bottom and said outlet and arranged to set up a vortex of air suspended material in the space around said rotor, a plurality of transverse discs dividing said rotor into a plurality of closed end rotor sections, the rotor operating to pulverize material in the vortex around the lower portions thereof and to classify the material in the portion adjacent said outlet, and fan means for withdrawing sufficiently pulverized material through said outlet.

2,440,286
INTERPOLYMERIZATION OF ISOAMYLENES WITH NORMAL BUTENES AND ISOBUTENE
Sumner H. McAllister, Lafayette, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application October 16, 1944, Serial No. 558,965
6 Claims. (Cl. 260—683.15)

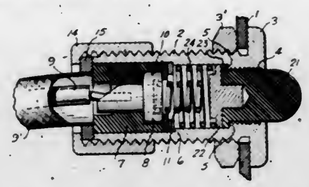
1. A process for producing paraffins of high anti-knock quality from hydrocarbon fractions containing iso- and normal olefins having four and five carbon atoms per molecule which comprises contacting the hydrocarbon fraction of five carbon atoms per molecule with sulfuric acid of 60% to 80% concentration under conditions at which iso-amylenes present therein are selectively absorbed by the acid without substantial polymerization to form an absorption product containing 0.2 to 0.8 mol of said iso-amylenes per mol of sulfuric acid, separating the absorption product from the unabsorbed hydrocarbons, contacting the former with the hydrocarbon fraction containing four carbon atoms per molecule in such proportions as to form a mixture containing 0.8 to 1.4 mols of iso-olefin per mol of normal olefin and between about 0.2:1 and 1:1 mols of iso-amylenes to isobutylene, maintaining the mixture in intimate contact at about 60° C. to 110° C. until substantial interpolymerization of absorbed iso-amylene with said isobutylene and of isobutylene with normal butylenes takes place, separating and hydrogenating polymerization products and returning at least a part of the acid to the iso-amylene absorption step.

2,440,287
ELECTRONIC POWER TUBE TESTER
Albert S. Oravetz, New York, N. Y.
Application July 25, 1945, Serial No. 607,074
6 Claims. (Cl. 315—369)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



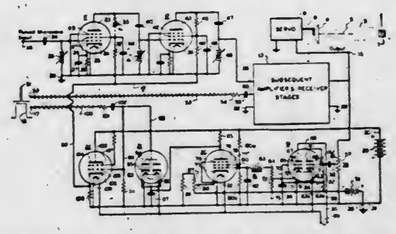
1. A voltmeter for measuring the voltage drop across an electron-discharge tube during periods of conduction, said voltmeter comprising a wattmeter connected across the plate and cathode circuit of said tube, and an ammeter serially connected in the plate circuit of said tube, said ammeter connection being such as to make said wattmeter responsive to and indicative of average arc-drop voltage in the tube tested.

2,440,288
ELECTRICAL SOCKET
Charles L. Paulus and Raymond K. Stout, Dayton, Ohio
Application June 14, 1944, Serial No. 540,364
12 Claims. (Cl. 200—159)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



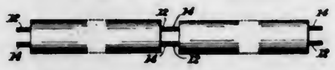
1. As an article of manufacture, an electrical socket with which are interchangeably engageable, a lamp unit or a push button element, including a one piece metallic mounting sleeve, an internal shoulder within the sleeve forming a stop for a spring actuated reciprocatory push button having a peripheral shoulder thereon overlapping and engaging the internal stop shoulder, an internally screw threaded bore therein adjacent to the internal shoulder within which a lamp element is detachably engageable alternately with the push button, a helical axially disposed contact spring engageable with the lamp element or push button enclosed within the sleeve and insulated therefrom with which electrical contact surfaces upon the lamp element or the push button are respectively engageable, the lamp element or contact surface of the push button being otherwise grounded upon the mounting sleeve.

2,440,289
AUTOMATIC VOLUME CONTROL FOR PULSE SYSTEMS
Daniel S. Pensyl, Garden City, N. Y., assignor to The Sperry Corporation, a corporation of Delaware
Application February 18, 1943, Serial No. 476,357
11 Claims. (Cl. 250—1.72)



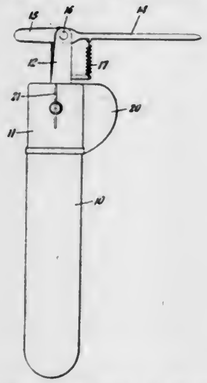
10. In an automatic follow system for tracking a target tending to change in attitude and moving in a medium subject to changing propagation effects whereby undesired low frequency variations in reflection from the target may occur, the combination of a receiver and a follow element coupled to the receiver and movable in response to variations in the strength of higher frequency modulations recovered by the receiver as variations take place in the relative positions of the target and the follow element, said receiver comprising an automatic volume control having means for eliminating volume control response to variations in volume at a frequency higher than a predetermined frequency below the frequency of the desired modulations.

2,440,290
HIGH-FREQUENCY CABLE AND METHOD OF BALANCING THE SAME
Sidney B. Pickles, Jackson Heights, N. Y., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application January 8, 1944, Serial No. 517,490
5 Claims. (Cl. 174—34)



1. The method of balancing a high frequency, solid dielectric, dual, concentric cable, of predetermined length, in which each individual concentric line has a different velocity propagation constant, which includes the steps of cutting the cable into a plurality of parts and reconnecting these cable parts with adjacent parts reversed, so that the one concentric line of one part is connected to the other concentric line of its adjacent part and vice versa, the total length of reversed cable parts being equal to the total length of the cable parts not reversed.

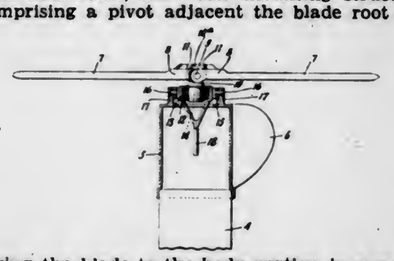
2,440,291
ROTOR EQUIPPED AERIAL DEVICE
Harold F. Pitcairn, Bryn Athyn, Pa., assignor to Autogiro Company of America, Philadelphia, Pa., a corporation of Delaware
Application May 5, 1944, Serial No. 534,245
11 Claims. (Cl. 244—138)



1. An aerial device, adapted to be released from an aircraft in flight, comprising a body portion and a bladed rotor adapted to provide for retarded descent of the device, the rotor being mounted on the body portion with its axis offset from the center of gravity of the body portion in such manner as to ensure descent of the device in an inclined path.

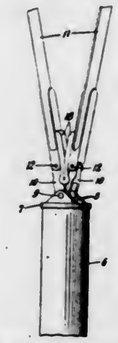
2,440,292
ROTOR EQUIPPED AERIAL DEVICE
Harold F. Pitcairn, Bryn Athyn, and Paul H. Stanley, Huntingdon Valley, Pa., assignors to Autogiro Company of America, Philadelphia, Pa., a corporation of Delaware
Application May 5, 1944, Serial No. 534,246
2 Claims. (Cl. 244—138)

1. A motorless rotary wing device adapted to be dropped from a height with its rotor initially inoperative, said device comprising a relatively light rotor having at least one airfoil rotor blade, a body portion adapted to cooperate with a load so that the combined mass of said body portion and the load is relatively heavy compared with said rotor, and rotor mounting structure comprising a pivot adjacent the blade root se-



curing the blade to the body portion in a manner to provide for blade swinging movement to a high coning position responsive to the downward motion of the device through the air, said structure being arranged to provide for decrease of blade pitch to a negative value when the blade is in said high coning position.

2,440,293
ROTOR EQUIPPED AERIAL DEVICE
Paul H. Stanley, Huntingdon Valley, Pa., assignor to Autogiro Company of America, Philadelphia, Pa., a corporation of Delaware
Application May 5, 1944, Serial No. 534,247
11 Claims. (Cl. 244—138)

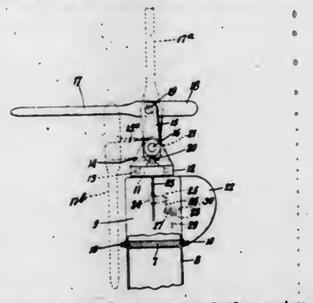


1. An aerial device comprising a body portion, a bladed rotor connected with the body portion providing for retarded descent of the device, said rotor incorporating a plurality of blades pivotally mounted for upward and downward swinging movement through a range extending above and below a plane perpendicular to their autorotational axis, and mechanism for controlling upward swinging movements of the blades including resilient means interconnecting the blades and normally urging them toward positions approximately perpendicular to the axis of rotation of the rotor.

2,440,294
ROTOR EQUIPPED AERIAL DEVICE
Harris S. Campbell, Bryn Athyn, Pa., assignor to Autogiro Company of America, Philadelphia, Pa., a corporation of Delaware
Application May 5, 1944, Serial No. 534,244
8 Claims. (Cl. 244—138)

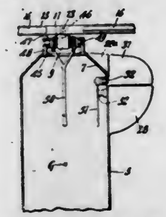
1. An aerial device comprising an elongated body portion, a bladed sustaining rotor disposed

at the upper end thereof and providing for retarded descent of the device, and mounting means for the rotor adjustably connected to said body portion so that the adjustment of said mounting



means provides for movement of the rotor as a whole between its operating position and a folded position closely paralleling a side wall of the body portion, whereby to facilitate compact stowage of the device.

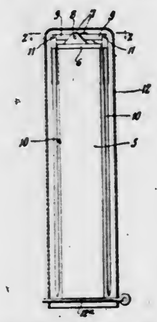
2,440,295
ROTOR EQUIPPED AERIAL DEVICE
Kenneth P. Synnestvedt, Bryn Athyn, Pa., assignor to Autogiro Company of America, Philadelphia, Pa., a corporation of Delaware
Application May 5, 1944, Serial No. 534,248
1 Claim. (Cl. 244—138)



An aerial device adapted to be launched from an aircraft in flight comprising a body, a sustaining rotor having free-flapping airfoil blades to provide for retarded descent of the device, and rotor mounting means, the rotor being rotatively journaled on the mounting means, and the mounting means being attached to the upper end of the body in a manner to provide for universal angular displacement of the rotor axis with respect to the vertical axis of the body portion; and control means comprising a control member extending downward into the body portion, the upper end of the control member being rigidly associated with the rotor mounting means; and further control means comprising an external fin mounted in a plane passing through the rotational axis of the rotor and movable about an axis substantially perpendicular to the vertical axis of the body, and a second control member inside the body portion to control the rotation of the fin on its axis.

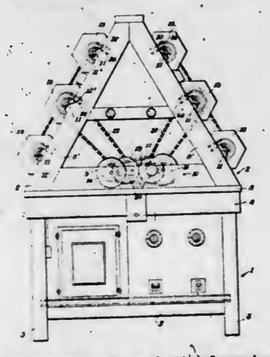
2,440,296
ROTOR EQUIPPED AERIAL DEVICE
Julian P. Perry, Holicong, Pa., assignor to Autogiro Company of America, Philadelphia, Pa., a corporation of Delaware
Application May 5, 1944, Serial No. 534,249
2 Claims. (Cl. 244—138)

1. An aerial device adapted to be launched from an aircraft comprising an elongated body portion and a bladed sustaining rotor adapted to rotate therewith, and pivot means connecting the rotor with the body portion, providing for upward blade swinging movement to a position approaching parallelism with the rotational axis on a pivot axis obliquely inclined to the longitudinal blade axis in a sense to reduce the blade pitch in the upper range of swinging movement, and said



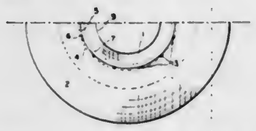
pivot means further providing for downward blade folding movement to a position of substantial parallelism with the rotational axis, on a second pivot axis perpendicular to the longitudinal blade axis displaced from the rotational axis so as to fall beyond the edge of the body portion when the blades are perpendicular to the rotational axis.

2,440,297
APPARATUS FOR AND METHOD OF ELECTROFORMING OF RECTIFIER ELEMENTS
William E. Riecken, deceased, late of Leonia, N. J., by William E. Riecken, Jr., administrator, Leonia, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application May 4, 1945, Serial No. 591,893
6 Claims. (Cl. 175—366)



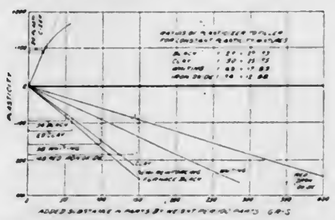
1. In an apparatus for electroforming of rectifier elements, a rotating drum, means for supporting and for electrically connecting a plurality of metal strips containing rectifier elements on said drum, means including high and low potential conductors having physical contact with said drum for supplying electric current to said rotating drum and in parallel arrangement to each of said rectifier elements contained in said strip, said supporting and connecting means comprising resilient contact means.

2,440,298
METHOD OF BRAZING STEEL SHAFT AND FLANGE ASSEMBLIES
Bela Ronay and Cyril D. Jensen, Annapolis, Md.
Application July 18, 1944, Serial No. 545,526
8 Claims. (Cl. 113—112)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



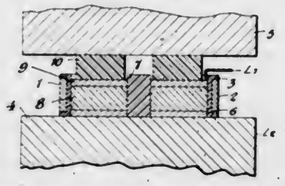
1. In a method for joining male and female shaft elements, forming a tapered guide on the male element at the inner end of the joint for contact with one end of the female element; providing a closely interfitting zone for said elements at the other end of the female element in the form of complemental surfaces parallel to the axis of the joint; providing a capillary clearance space all the way from said guide to said zone, interrupted by at least one cavity for reception of a brazing material; introducing the brazing material to said cavity; supplying a flux to at least one of the surfaces that form said clearance space; and causing the female element to exert radially compressive forces on the male element at said surfaces of said zone and heating the brazing material to cause it to flow into said capillary clearance space.

2,440,299
METHOD OF COMPOUNDING RUBBERY MATERIALS
Fritz S. Rostler, Newark, and Hubert I. du Pont, Wilmington, Del., assignors to Wilmington Chemical Corporation, New York, N. Y., a corporation of Delaware
Application January 26, 1945, Serial No. 574,745
7 Claims. (Cl. 260—36)



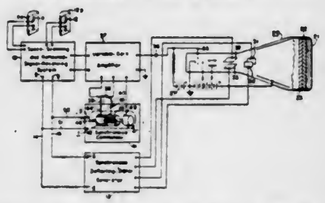
1. The method which comprises masticating premixed compounding composition consisting of powdered pigment filler and unsaturated hydrocarbon extender-plasticizer into a rubbery material selected from the group consisting of natural rubber, butadiene-styrene co-polymers and butadiene-acrylonitrile co-polymers having a Scott plasticity in the range of 100 to 450, which produces an extensible and elastic material when vulcanized with sulfur, the amount of extender-plasticizer in said compounding composition being in the range of 5 to 27 parts of extended-plasticizer per 95 to 73 parts of total filler, the ratio of filler to plasticizer in said compounding composition being such that the total plasticity decreasing effect of the filler on a butadiene-styrene co-polymer having a Scott plasticity in the range of 100 to 450 at least balances the total plasticity increasing effect of the extender-plasticizer on said co-polymer, all the filler being powdered and one whose reinforcing properties are not degraded when so premixed with the extender-plasticizer in the said proportions, the extender-plasticizer being an unsaturated hydrocarbon mass having approximately 90% of carbon and 10% of hydrogen and substantially free of fractions having a boiling point of less than about 160° C. at 12 mm. Hg, of the class consisting of components derived from the extract separated in the solvent refining of mineral oils and components separated by the distillation of neutralized acid sludge of petroleum oil refining.

2,440,300
RESIN BONDED ABRASIVE ARTICLE
Ralph H. Rushmer and George J. Goepfert, Niagara Falls, N. Y., assignors to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware
Application June 11, 1945, Serial No. 598,838
4 Claims. (Cl. 51—298)



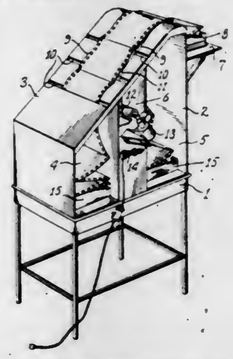
1. A dense resin bonded abrasive article comprising abrasive grains and a resin bond comprising finely divided electrically conductive carbon, the proportion of carbon in the article being such that the electrical resistance of the mixture from which the article is formed increases as the temperature of the article is raised.

2,440,301
SIGNAL REPRODUCING SYSTEM
Jack Sharpe, Wembley, England
Application November 1, 1945, Serial No. 626,117
In Great Britain November 1, 1944
13 Claims. (Cl. 315—22)



1. A system for reproducing and distinguishing between a first periodic signal which recurs at a substantially constant repetition frequency in a given time interval and a second signal which does not recur at said repetition frequency throughout said time interval comprising, fluorescent signal-reproducing means adapted to emit visible light of one predominant color when excited for a given excitation period with incident energy within a first amplitude range or when repeatedly excited at said repetition frequency for a certain number of said given excitation periods with incident energy within a second lower amplitude range but adapted to emit visible light of a contrasting color when excited for a lesser number of said excitations periods with incident energy within said second amplitude range, means for effectively scanning said signal-reproducing means at said repetition frequency during said time interval with excitation energy representing said first and second signals so as to excite elemental areas thereof in any one scanning cycle for an interval at least equal to said given excitation period, and means for adjusting the amplitude levels of said excitation energy during one scanning cycle within said given time interval to values within said first amplitude range and during another scanning cycle within said given time interval to values within said second amplitude range.

2,440,302
SEPARATING MACHINE
John Quirk Sherman, deceased, late of Dayton, Ohio, by Katherine M. Sherman, William C. Sherman, and Wellmore B. Turner, executors, all of Dayton, Ohio
Original application April 5, 1935, Serial No. 14,854. Divided and this application August 1, 1941, Serial No. 405,093
36 Claims. (Cl. 271—2.1)



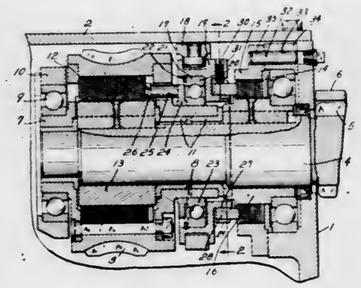
1. In a manifolding assembly separating apparatus, wherein an interleaved strip of transfer material is removed from between superposed record strips of an initially zigzag folded packet thereof, strip feeding means for collectively advancing both the record and transfer strips in unison past a separating position, a collecting roller for the transfer strip actuated in unison with the advancement of the strips upon which the transfer strip is wound, and a receiver for the record strips in which the strips are refolded into zigzag form.

2. The herein described method of removing interleaved transfer material from a manifolding assembly of alternating superposed strips of record and transfer material, including collectively advancing the superposed strips in unison past a separation point, winding the transfer material into roll form and refolding the record strips into zigzag formation in unison with their advancement.

2,440,303
INCREASING THE RESISTANCE OF RED PHOSPHORUS TO OXIDATION
Martin S. Silverstein, Camden, N. J.
No Drawing. Application September 8, 1941, Serial No. 410,055
4 Claims. (Cl. 23—223)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

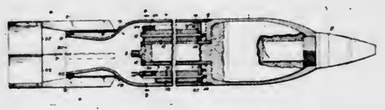
1. A method for rendering red phosphorus resistant to oxidation which comprises adding a small amount of mannitol to the phosphorus.

2,440,304
CLUTCH AND BRAKE CONTROL
Leon E. Simmons, Claremont, N. H., assignor to Joy Manufacturing Company, a corporation of Pennsylvania
Application April 9, 1943, Serial No. 482,401
8 Claims. (Cl. 192—18)



1. In a control mechanism, a clutch and brake mechanism embodying a rotatable clutch and a non-rotatable brake, said clutch and brake being arranged in coaxial spaced apart relation, and shipper means for said clutch and brake arranged intermediate the same and including reciprocable shipper elements, one a clutch operating element and the other a brake operating element, said elements being freely relatively rotatable and mounted to move axially in relatively opposite directions alternately to apply said clutch and brake, a thrust bearing coaxial with and interposed between said shipper elements to permit free relative rotation therebetween, and a shipper member movable between said clutch and brake in opposite directions and associated with said brake operating element for selectively moving said elements into their operating positions, said shipper member effecting movement of said clutch operating element through said thrust bearing and the clutch loading pressures being transmitted directly by said clutch operating element to said clutch.

2,440,305
ROCKET PROJECTILE
Leslie A. Skinner, United States Army, Washington, D. C., assignor to the United States of America as represented by the Secretary of War
Application January 20, 1942, Serial No. 427,430
4 Claims. (Cl. 102—49)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



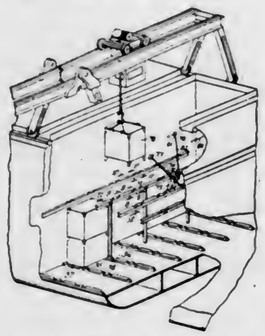
3. A projectile comprising a body with a plurality of units of charge composition, U bolts supporting said units from the body, and an elongated bag of priming composition interlaced between said units and said U bolts for igniting said charge units.

2,440,306
CONTAINER SHIP FOR HANDLING PACKAGE FREIGHT
Leathem D. Smith, Sturgeon Bay, Wis.; Alva Smith administratrix of said Leathem D. Smith, deceased
Application April 22, 1944, Serial No. 532,240
9 Claims. (Cl. 114—72)



1. In a ship of the character described, in combination, an open cargo hold having a plurality of spaced beams disposed horizontally within the hold, certain of said beams lying in one horizontal plane and other beams lying in a different horizontal plane, means connecting said beams at their respective ends to the ship structure whereby the beams comprise an integral part thereof, said beams presenting a flat supporting surface for substantially their entire length, and said flat supporting surfaces having pairs of notches to receive fixed elements on uniformly sized containers to hold them against lateral movement.

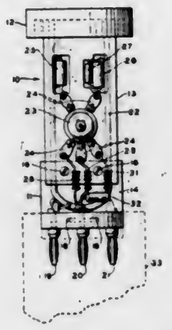
2,440,307
SHIP HOLD
Leathem D. Smith, Sturgeon Bay, Wis.; Alva Smith administratrix of said Leathem D. Smith, deceased
Application April 4, 1945, Serial No. 586,521
14 Claims. (Cl. 114—72)



1. A ship hold comprising a bottom, side walls, bulkheads, a substantially horizontal row of equally spaced holding means for supporting one side of alignable containers having uniform width and length, a second substantially horizontal row of similarly spaced holding means facing the first row and substantially parallel thereto, said rows of holding means being in a common horizontal plane, and a pair of similarly spaced holding means in a different horizontal plane in said hold and at substantially right angles to the first two rows.

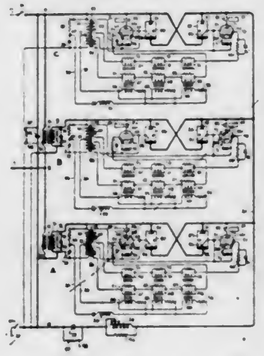
2,440,308
OSCILLATOR STRUCTURE
Edward A. Storck, Manasquan, N. J., assignor to the United States of America as represented by the Secretary of War
Application June 16, 1945, Serial No. 599,945
6 Claims. (Cl. 250—36)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

6. A unitary oscillator structure comprising a dielectric cylindrical casing, a radio frequency oscillator circuit mounted within said casing, and a metal collar slidably received about said casing, said collar being electrically coupled to



said oscillator circuit whereby the longitudinal position of said collar on said casing controls the operating frequency of said oscillator.

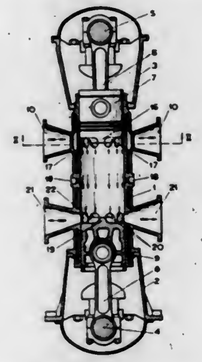
2,440,309
CAPACITOR TRANSLATING SYSTEM
Harold A. Strickland, Jr., Detroit, Mich., assignor, by mesne assignments, to The Ohio Crankshaft Company, Cleveland, Ohio, a corporation of Ohio
Application January 25, 1944, Serial No. 519,637
13 Claims. (Cl. 320—1)



1. A power supply circuit comprising a polyphase source of alternating current, a load circuit connected thereto, and means for transmitting current in discontinuous complete pulses to said load circuit from at least two different phases of said source current within the time period of a half-cycle of source current.

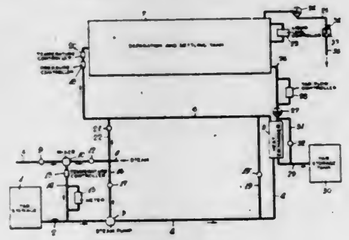
2,440,310
UNIFLOW SCAVENGING FOR ENGINES
Edvin Ossian Parcival Thege, Stockholm, Sweden, assignor to Aktiebolaget Atlas Diesel, Sickla, near Stockholm, Sweden, a corporation of Sweden
Application April 6, 1945, Serial No. 586,920
In Sweden April 6, 1944
18 Claims. (Cl. 123—51)

7. In a two stroke cycle internal combustion engine with uniflow scavenging, a combustion cylinder, a plurality of substantially parallel passages leading into said cylinder at one end of the cylinder and directed substantially perpendicularly towards an axial centre plane of the cylinder and disposed on each side of said axial centre plane and distributed over the whole length of the cylinder diameter included in the axial centre plane, walls confining the outside of said side-



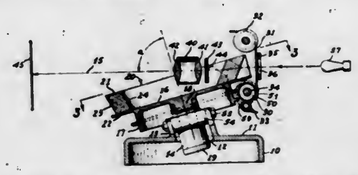
most passages making a sharp almost 90° turn towards the cylinder centre just before the inlet into the cylinder and forming guide surfaces for counteracting the formation for tangential fluid streams in the cylinder during the scavenging period, means for supplying scavenging fluid to the passages, and an outlet at the opposite end of the cylinder.

2,440,311
PROCESS OF TREATING COAL TAR CONTAINING A SMALL AMOUNT OF AMMONIUM CHLORIDE
William Tiddy, Manhasset, N. Y., assignor to Allied Chemical & Dye Corporation, a corporation of New York
Application July 24, 1946, Serial No. 685,957
3 Claims. (Cl. 196—146)



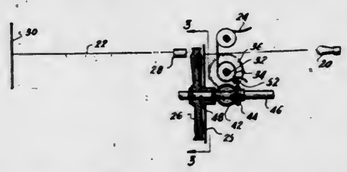
1. A process of treating coal tar containing a small amount of ammonium chloride which comprises continuously flowing the tar, continuously adding water to the tar, introducing the resultant mixture under a superatmospheric pressure of at least about 50 pounds per square inch gauge and at a temperature within the range of about 200° to about 350° F. into a settling and separation zone and flowing the mixture through this zone while permitting the resulting ammonium chloride solution and tar to separate and removing tar substantially free of ammonium chloride from this zone.

2,440,312
APPARATUS FOR TRANSMITTING MOTION-PICTURE LIGHT IMAGES
Clarence L. Tomlinson, Los Angeles, Calif., assignor of one-half to Robert Jay Brandt, Los Angeles, Calif.
Application January 5, 1946, Serial No. 639,307
23 Claims. (Cl. 88—16.8)



1. A lens system for motion picture film adapted to be interposed in a path of light comprising a framing aperture member having an opening in the path of light greater in area than a frame of said film, a refractor element of predetermined length and uniform thickness having opposite parallel walls wherein the angle of the walls relative to the axis of the path of light varies from end to end of said length an amount adapted to accommodate a shift in location of a ray of light on one wall equal to the height of said frame and a zero shift in said ray on the opposite wall during movement of said refractor element a distance equal to said predetermined length.

2,440,313
SHUTTERLESS MOTION-PICTURE LENS SYSTEM
Clarence L. Tomlinson, Los Angeles, Calif., assignor of one-half to Robert J. Brandt, Los Angeles, Calif.
Application March 20, 1946, Serial No. 655,782
19 Claims. (Cl. 88—16.8)

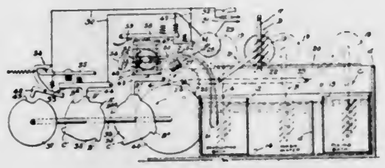


1. A lens comprising a refractive body of transparent material of uniform thickness having two parallel faces adapted to be interposed in a beam of light, on each of which may be traced a path of predetermined height and length, one of said paths having a displacement along its length equal to its height, said displacement being transverse to said beam of light, said parallel paths having a progressive inclination with respect to the axis of said beam of light so that movement of the beam lengthwise along the displaced path of said one face will effect a projection of said beam without such displacement from the path of said opposite face.

2,440,314
METHOD AND MEANS FOR PHOTOGRAPHIC DEVELOPING OR THE LIKE
Charles Roger Turner, Philadelphia, Pa.
Application March 6, 1944, Serial No. 525,166
19 Claims. (Cl. 95—89)

11. In combination in timing apparatus of the character described, a metallic bellows unit hav-

ing therein a liquid of predetermined viscosity characteristics, a passage of severely restricted cross-sectional flow area for flow of the liquid from one part of the bellows unit to another under given hydraulic pressure to determine an interval by the length of time required for such flow by a given volume of the liquid, and a member adapted to move from one position to a second position and return having an operative re-



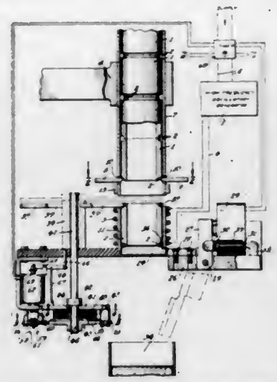
lation with said bellows unit whereby it is retained for said interval in the second position after movement thereto from the one position and then released for return, said bellows unit having another passage of greater but also restricted flow area adapted for return of the liquid to said one part coincident with return movement of said member and serving as a brake to restrain said member for relatively slow movement in said return.

2,440,315
SENSITIZED PYROGALLOL REAGENT AND METHOD FOR ITS PREPARATION
Richard L. Tuve, Silver Spring, Md.
No Drawing. Application April 16, 1945, Serial No. 588,518
4 Claims. (Cl. 252—408)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. The method of rendering pyrogallol solution proportionally sensitive to minute traces of dissolved oxygen, comprising, dissolving pyrogallol in water, reacting said solution of pyrogallol with a water soluble oxidizing agent, and stopping the oxidation at the point of maximum sensitivity of pyrogallol to oxygen by adding to the solution a sufficient amount of a reducing agent to eliminate excess oxygen which reducing agent produces no discoloration of the said solution upon reaction therewith.

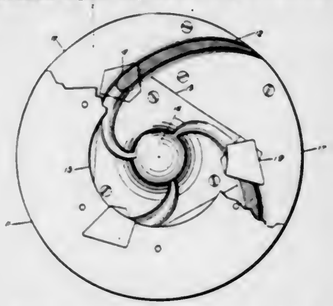
2,440,316
APPARATUS FOR INDUCTION HEAT-TREATING OF WORK PIECES
Paul Unterweiser, New York, N. Y., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application February 9, 1945, Serial No. 576,921
14 Claims. (Cl. 219—13)

1. An apparatus for heat treating work pieces, comprising an inductor, means for intermittently energizing said inductor, means for holding a plurality of work pieces in inoperative position, means for releasing said holding means and for depositing successively said work pieces into operative position in said inductor, a support for the work piece in the operative position, means for intermittently removing said support, and timing means connected to control the related operations of the holding means, the inductor energizing means and the movement of said support, whereby work pieces will move successively into said inductor, will be heated therein, and



will fall therefrom when the heat treatment is completed.

2,440,317
PUMP IMPELLER
William H. Welsh, New York, N. Y.
Application April 20, 1945, Serial No. 589,445
4 Claims. (Cl. 103—115)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



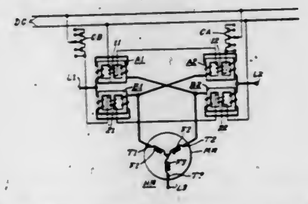
3. A pump impeller comprising an impeller body provided with an inlet opening and multiple vanes, and replaceable inserts constituting the leading edges of said vanes, said inserts being positioned at their ends in recesses in said impeller body and being held from radial motion during rotation of said impeller by the walls of said recesses.

2,440,318
CATALYTIC POLYMERISATION OF METHYL METHACRYLATE
Francis Thomas White and Arthur John Daly, Spondon, near Derby, England, assignors, by mesne assignments, to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application January 23, 1945, Serial No. 574,220. In Great Britain January 24, 1944
3 Claims. (Cl. 260—83)

1. Process for the production of polymerised polymethyl methacrylate which comprises heating a solution of 100 parts by weight of methyl methacrylate in less than its own weight of a mixture consisting of 35 to 50 parts by weight of 95% of acetone and 18 parts by weight of water, said mixture containing hydrogen peroxide in

the proportion of 0.125 to 0.25% of the weight of the methyl methacrylate, and the temperature being maintained just high enough to avoid the formation of any substantial quantity of a second liquid phase, until substantially the whole of the methyl methacrylate has been consumed, removing solvent from the reaction mixture by evaporation at a temperature below 60° C. and recovering the polymer in friable form.

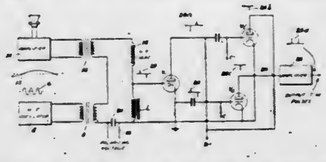
2,440,319
ALTERNATING CURRENT HOIST CONTROL
William R. Wickerham, Swissvale, Pa., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application February 29, 1944, Serial No. 524,387
17 Claims. (Cl. 172—152)



16. A motor control system, comprising a three-phase alternating-current motor having three terminals, three line terminals connected to said respective motor terminals to provide three-phase energy, control means disposed between two of said line terminals and two of said motor terminals for varying the energy distribution relative to said motor terminals and comprising two controllable impedance devices arranged so that the energy flow to one of said two motor terminals increases with decreasing impedance of one of said devices and the energy flow to the other one of said two motor terminals increases with decreasing impedance of said other device, said two devices having control means for controlling said impedance of said respective devices, circuit means connected to said control means for applying variable control voltage thereto so as to selectively increase the impedance of either device depending upon the polarity of said control voltage, first voltage supply means associated with said motor and connected to said circuit means for providing a component voltage variable in accordance with the motor speed, second voltage supply means connected to said circuit means for providing a constant component voltage in opposition to said variable component voltage so that said control voltage corresponds to the differential value of said component voltages, and selectively adjustable means for varying one of said component voltages relative to the other to permit selecting the motor speed at which said control voltage reverses its polarity.

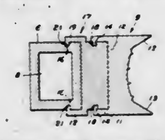
2,440,320
MODULATION SYSTEM
Norman H. Young, Jr., Jackson Heights, N. Y., assignor to Federal Telephone and Radio Corporation, New York, N. Y., a corporation of Delaware
Application March 13, 1944, Serial No. 526,264
6 Claims. (Cl. 179—171.5)

6. In a pulse generating system, a source of alternating current, an electron discharge device having an anode, a cathode and a grid, a saturable reactor element, a circuit connecting said source across the cathode and grid of said electron discharge device, said element being a part of said circuit and receiving current from said source to produce clipped voltage alternations, said grid and said cathode acting to conduct alternations of opposite polarity respectively to result in pulses of opposite polarity in the respective anode and cathode circuits of said device, means for segregating the pulses of a given polarity appearing on the anode and cathode of said elec-



tron discharge device, the means for segregating including two additional electron discharge devices respectively connected to be controlled by energy from the anode and cathode circuits of the first-mentioned electron discharge device, and bias means for controlling the conductivity of each of said two additional electron discharge devices so as to pass only those received pulses which are of a given polarity.

2,440,321
VULCANIZING MOLD
Thomas P. Bacon, Jr., Oakland, Calif.
Application April 27, 1945, Serial No. 590,599
2 Claims. (Cl. 18—18)

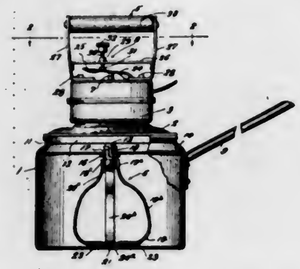


2. In combination with a sectional circular tire mold adapted to be opened, each mold section being arcuate and having arcuate retaining grooves thereon concentric with the mold, a plurality of spacer elements on each section of the mold, retaining elements extended from said spacer elements over the top and bottom of each of said mold sections and longitudinally slidable in said grooves to hold said spacer elements in place, arcuate grooves in said spacer sections being concentric with said first grooves on said mold sections, a plurality of matrix sections larger in number than said mold sections, each of said matrix sections being circumferentially smaller than any one of said mold sections, retaining elements extended from each of said matrix sections over the respective spacer sections and being longitudinally slidable in the grooves of said spacer sections, said matrix sections complementing each other to form the curing cavity on said mold sections, said spacer elements being in heat conducting contact with said mold sections and with said matrix sections.

2,440,322
HAND MOTOR WITH MANUALLY OPERATED BRAKE
William G. Barcroft and Mabel L. Maas, Boulder, Colo.
Application May 29, 1945, Serial No. 596,552
3 Claims. (Cl. 172—36)

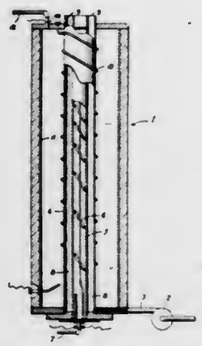
1. In a device of the character described, a support, a motor on said support including a vertical shaft having protruding upper and lower

portions, a handle extending upwardly from said motor and having side arms mounted upon the motor and a hand grip between upper portions of the side arms, a cross bar extending horizontally between the side arms and spaced from the motor and the hand grip, a yieldable lever carried by said motor and extending transversely of the motor under the cross bar and across the upper end of the motor shaft with a free end



protruding from one side of the cross bar in position for engagement by the thumb of a hand grasping the hand grip whereby the lever may be depressed and pressure applied to the motor shaft to frictionally check the speed at which the shaft rotates, and means carried by the cross bar for forcing the lever downwardly and holding the lever in position for frictionally engaging the shaft.

2,440,323
EXTRUSION MOLDING OF VISCOSE PRODUCTS
Orlando A. Battista, Claymont, Del., assignor to American Viscose Corporation, Wilmington, Del., a corporation of Delaware
Application December 18, 1943, Serial No. 514,740
2 Claims. (Cl. 18—55)



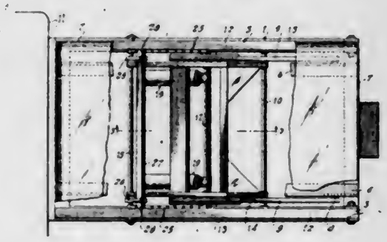
1. In a process of producing shaped articles from viscose, the steps of adding a gelation accelerator to the viscose in an amount sufficient to effect coagulation thereof in a period of time of the order of one hour or less at a temperature of about 80° C. to 100° C. and then molding and coagulating the viscose by continuously forcing the mixture through an extrusion molding device externally heated to a temperature of about 80° C. to 100° C., such heat being the sole coagulating medium.

2,440,324
MOUNTING BRACKET FOR INSTRUMENT CASES
Clinton A. Blakeslee, Middlebury, Conn., assignor to The Bristol Company, Waterbury, Conn., a corporation of Connecticut
Application December 8, 1943, Serial No. 513,413
1 Claim. (Cl. 248—27)



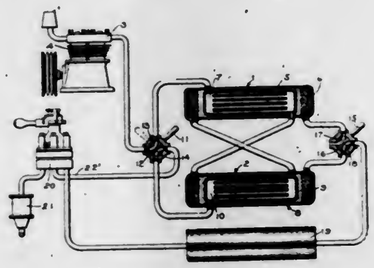
The combination with a panel provided with an opening, and an instrument case adapted for mounting within said opening, said case having a front upturned flange; of a mounting bracket for securing the case to the panel in the opening thereof substantially flush with its outer face, said bracket comprising a T-element with oppositely directed perforated flanges and an intermediate portion at right angles thereto and provided with a threaded perforation, the outer surfaces of said last-named flanges lying in a common plane and the inner surface of one of the flanges in a plane parallel to said common plane, the inner and outer surface of the one flange being adapted to fit in the panel opening between the panel and the case and extend forwardly of the face of said panel to the flange of said case, the other flange of the bracket being adapted to be secured to the case, and a screw adjustable in the perforation of the intermediate portion of the T-element to engage the inner face of the panel and draw the case flange into contact with the said outer face of the panel when the T-element has been secured to said case.

2,440,325
SAFETY DEVICE FOR DUMPING VEHICLES
Samuel J. Bruno, Belleville, N. J., assignor to The Thomas Wright Co., Inc., Jersey City, N. J., a corporation of New Jersey
Application August 8, 1945, Serial No. 609,577
3 Claims. (Cl. 298—38)



1. In mechanism of the character described the combination with a main frame, a lift frame comprising two parallel side pieces rigidly connected together and pivotally mounted on said main frame, means for pivotally swinging said lift frame upwardly including a lift header pivotally connected adjacent one end to said main frame with the other end underlying and movable longitudinally of said lift frame during swinging of the latter, a toothed rack rigidly connected to each said piece, and a pawl for said toothed racks including a pair of links each pivotally connected at one end to said lift header adjacent one of said toothed racks, and a bar rigidly connecting the other ends of said links and having a tooth at each end thereof to engage one of said toothed racks to hold said lift frame in elevated position.

2,440,326
AIR-DRYING APPARATUS
Norman Geoffrey Cadman, London, England, assignor, by mesne assignments, to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application January 24, 1945, Serial No. 574,356
In Great Britain March 9, 1944
4 Claims. (Cl. 303—1)

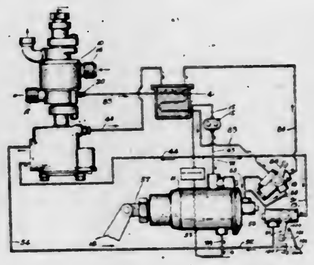


1. An air pressure system to which air under pressure is supplied and from which air under pressure may be discharged and comprising the combination of an air receiver, an air compressor for supplying air under pressure to said receiver, means interposed between said compressor and said receiver for dehydrating the air under pressure supplied by said compressor, said means comprising a moisture absorbing material which can be regenerated, means for regenerating said material, and means for directing the air discharged from said system over said material when said material is being regenerated whereby the moisture expelled by the regeneration is carried away.

2,440,327
"HOT" DOUBLE-BASE POWDER
Bryce L. Crawford, Jr., Minneapolis, Minn., assignor to Regents of the University of Minnesota, Minneapolis, Minn., a corporation of Minnesota
No Drawing. Application December 29, 1943, Serial No. 516,081
4 Claims. (Cl. 52—13)

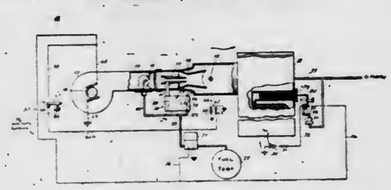
1. A thick section of double-base powder of the "hot" type that is normally susceptible to "worming" in the presence of intense radiations developed during burning, said powder being colored with a coloring matter capable of absorbing radiant energy in the wave length range of .8 to 5.0 μ, said coloring matter being of a type and present in an amount such that visible light is capable of being transmitted through the powder, thus permitting visual inspection thereof, and present in an amount such that radiations between the wave lengths of .8 to 5.0 μ are largely absorbed.

2,440,328
SPEED AND CUTOFF CONTROL MEANS FOR STEAM ENGINES AND THE LIKE
Abner Doble, Chicago, Ill., assignor to Stanley Steam Motors Corporation, Chicago, Ill., a corporation of Delaware
Application January 17, 1944, Serial No. 518,517
12 Claims. (Cl. 121—143)



1. In combination with a steam engine, a throttle, governing means intermediate said engine and throttle including a member movable to control the flow of steam from said throttle and thereby limit the maximum speed of said engine, means for producing a flow of fluid varying in proportion to said engine speed, a pressure chamber having a movable wall connected to said governing member, means for conducting at least a portion of the fluid through a closed circuit extending from the outlet to the inlet of said flow-producing means and including said chamber to produce a pressure in said chamber tending to move said wall and governing member toward a speed-limiting governing position, means forming a second closed circuit for said fluid in parallel relation to said chamber, and means in said second circuit for varying the portion of the fluid flow from said flow-producing means supplied to said chamber to vary the maximum engine speed established by said governing means.

2,440,329
CONTROL MEANS FOR CORRELATING SUPPLY OF ASPIRATING TO ASPIRATED FLUIDS
Abner Doble, Chicago, Ill., assignor to Stanley Steam Motors Corporation, Chicago, Ill., a corporation of Delaware
Application October 21, 1944, Serial No. 559,749
7 Claims. (Cl. 158—42.1)



1. In a burner for a steam boiler, a duct for supplying combustion air to said burner, damper means in said duct having open and closed positions for controlling the flow of said combustion air therethrough, fluid-pressure-responsive means for operating said damper means between said positions, aspirating means associated with

said duct for supplying fuel thereto including a fuel reservoir, pump means for producing a flow of fuel to said reservoir, said aspirating means being constructed to supply fuel when the fuel level in said reservoir has a normal value greater than that at which aspiration fails, means connecting said pump means to said fluid-pressure-responsive means whereby said fuel exerts pressure on said pressure-responsive means to operate said damper means to said open position, said fluid pressure means being effective to operate said damper means to said closed position upon a predetermined decrease in the pressure exerted by said fuel, valve means responsive to a predetermined decrease in the fuel level in said reservoir from said normal value for decreasing the resistance to flow of said fuel from said pump to said reservoir thereby to effect said predetermined decrease in the pressure on said pressure-responsive means, and means responsive to boiler heat conditions for stopping and starting the flow of fuel from said pump.

2,440,330

IMPROVING THE FASTNESS OF DYED ORGANIC DERIVATIVE OF CELLULOSE TEXTILES BY IMPREGNATION WITH CYANAMIDE

Henry Dreyfus, London, England; Claude Bonard, administrator of said Henry Dreyfus, deceased, assignor to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application August 15, 1944, Serial No. 549,625. In Great Britain August 26, 1943

5 Claims. (Cl. 8—61)

1. Process for improving the color fastness of dyed textile material which comprises impregnating a dyed textile material having a basis of an organic derivative of cellulose with an aqueous solution of cyanamide and then drying and heating the impregnated material until a difficultly soluble nitrogenous compound is formed.

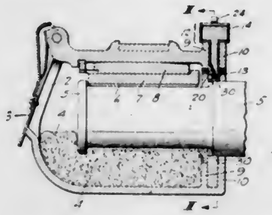
2,440,331

SAFETY OILING MEANS FOR CAR JOURNALS

William F. Eisensmith, Penns Grove, N. J.

Application October 4, 1944, Serial No. 557,176

2 Claims. (Cl. 308—79)



1. The combination with a car axle journal box having an opening in an end wall through which the journal extends, and a transversely arranged open top slot adjacent said end wall for reception of a dust guard; of an emergency oil supply means comprising a reservoir with a relatively wide upper portion adapted to be supported externally of the top of the box, and a narrower pendent portion conformative with and snugly fitting into the upper part of the slot above the dust guard, and a fusible plug normally closing a lateral drain orifice in the pendent portion of the reservoir near the bottom and adapted upon melting, when the box becomes over-heated, to permit discharge of the reserve oil inwardly of the box over the journal.

2,440,332

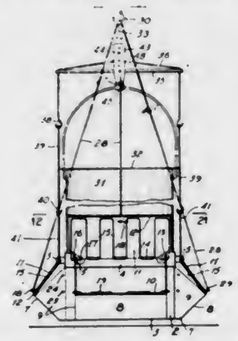
AUTOMATIC FEEDING APPLIANCE FOR POULTRY, PIGEONS, AND OTHER BIRDS

John Gilbert Francis, Heidelberg, near Melbourne, Victoria, Australia

Application October 3, 1942, Serial No. 460,646

In Australia October 15, 1941

7 Claims. (Cl. 119—53)



1. In an automatic feeder of the character described, a hopper casing, feed troughs on said casing, a bottomless food container therein, hinged grids apportioning each of said troughs into a series of feeding compartments, shutters pivotally connected to said grids, clips on said shutters for releasably holding the free ends of said grids, means for elevating and lowering said shutters to open and close said troughs additional grids independently hinged to said troughs, and baffles associated with the latter grids to prevent small animals which are feeding from throwing feed out of the trough.

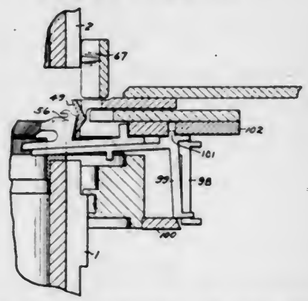
2,440,333

KNITTING MACHINE AND METHOD OF KNITTING

Oscar Fregeolle, Central Falls, R. I., assignor to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts

Original application October 18, 1944, Serial No. 559,136. Divided and this application September 12, 1945, Serial No. 615,810

5 Claims. (Cl. 66—14)



1. In a knitting machine, the combination of superposed, axially aligned, rotatable needle cylinders, sinkers movable radially and substantially horizontally, needles capable of knitting in either cylinder, means in each cylinder which cooperate to cause needles to knit true rib fabric in the leg of a stocking, sinkers operably associated with needles knitting in the lower cylinder, means for moving said sinkers inwardly soon enough and far enough to cause yarn to be drawn over their backs behind their nibs and through the corresponding needle loops of the previous course, means for casting off the lower cylinder needle loops of the previous course by sinkers acting upon the intervening sinker loops only and causing the newly drawn sinker loops to pass from the backs to the throats of the sinkers upwardly over the tops of the nibs.

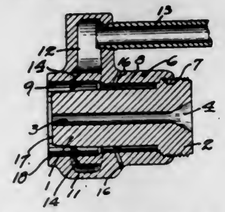
2,440,334

SANDBLASTING NOZZLE

Joseph M. Gerlach, Albany, Calif.

Application April 29, 1946, Serial No. 665,793

14 Claims. (Cl. 51—11)



1. In a sand blasting nozzle of the character described, a nozzle tip, a chamber formed around said tip, a plurality of air vents leading into said chamber so as to draw air into the chamber by the suction created by the sand discharged from the tip of said nozzle, and a moisture issuing device leading into said chamber in the path of said air flow to introduce moisture into said airflow and into said sand particles issuing from said nozzle.

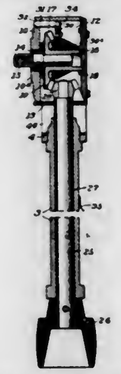
2,440,335

ELECTRIC CONTACT DEVICE

Grover R. Greenslade, Scott Township, Allegheny County, Pa., assignor to Flannery Bolt Company, Bridgeville, Pa., a corporation of Delaware

Application September 29, 1944, Serial No. 556,371

12 Claims. (Cl. 173—324)



1. A connector of the class described comprising a head element, an elongated handle element pivotally suspended from the head element, a rotatable threaded stud on the head element electrically insulated therefrom, insulated means on the handle element for rotating the stud, and means for making electrical connections with the stud.

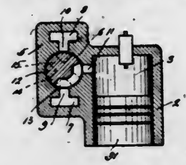
2,440,336

ENGINE BRAKING APPARATUS

William A. Hill, Spokane, Wash.

Application October 3, 1945, Serial No. 620,097

7 Claims. (Cl. 123—97)



1. In an internal combustion engine, a cylinder, a piston operating in said cylinder, a crank shaft, a valve chamber at a side of said cylinder having inlet and exhaust ports and a port communicating with the cylinder, the inlet port being of less length longitudinally of the valve chamber then the exhaust port and the cylinder port, a valve member rotatably mounted in said valve chamber and slidable longitudinally therein to adjusted positions, said valve member being formed with a fuel passage extending circumferentially thereof for alternately establishing communication between the cylinder port and the inlet port and the exhaust port during rotation of the valve member in one position of longitudinal adjustment, the valve member being also formed with passages spaced from the fuel passage longitudinally of the valve member a distance greater than the length of the exhaust port and the cylinder port and extending diametrically through the valve member when the valve member is slid longitudinally to crossed relation to each other and intermittently establishing communication between the cylinder port and the exhaust port during rotation of the valve member in another position of longitudinal adjustment, means for intermittently transmitting rotary motion from the crank shaft to the valve member, and means for shifting the valve member longitudinally to adjusted positions.

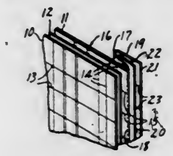
2,440,337

PAY ROLL RECORD

Frazier O. Hosmer, Birmingham, Ala.

Application February 15, 1946, Serial No. 647,977

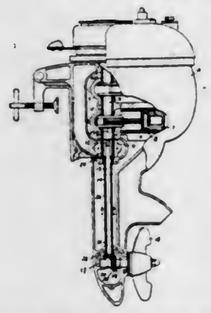
5 Claims. (Cl. 282—3)



3. A pay roll record comprising original and duplicate sheets each having horizontal and vertical parallel lines which divide them into corresponding columns for the entry of pay roll data for a plurality of employes, a carbon sheet between the original and the duplicate, identifying headings at the tops of the columns on the original sheet, a detachable flap along one marginal edge of the duplicate folded over the duplicate

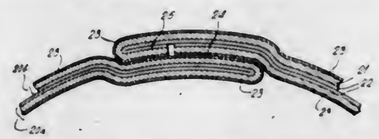
and then over against itself and having vertical lines thereon forming columns which lie directly under the marginal lines on the duplicate, a carbon strip within the folds of the flap, the flap being joined to the marginal edge of the duplicate along a perforated line, individual pay records each having ruled lines extending thereacross corresponding to the vertical lines on the sheet and having identifying data associated with the lines corresponding to those on the original, horizontal perforated parting lines on the duplicate and extending across the flap for separating the duplicate into a plurality of separate records for attachment to the individual pay records with a tab formed by separating the flap overhanging one end of the individual pay record.

2,440,338
OUTBOARD MOTOR LUBRICATION
Leo T. Kincannon, Milwaukee, Wis., assignor to Metal Products Corporation, Milwaukee, Wis., a corporation of Wisconsin
Application November 15, 1946, Serial No. 710,208
1 Claim. (Cl. 184—6)



In an outboard motor having an engine crankcase, a crankshaft journalled in said crankcase, a propeller shaft housing, a propeller shaft mounted in said propeller shaft housing, a drive shaft housing between said crankcase and said propeller shaft housing, the combination of a hollow drive shaft operatively connected to said crankshaft and said propeller drive shaft and extending into said propeller shaft housing, and conduit means between said crankcase and the interior of said drive shaft for supplying crankcase lubricant thereto and thence to said propeller shaft housing.

2,440,339
TUBE OF FLEXIBLE COMPOSITE SHEET MATERIAL AND THE MANUFACTURE THEREOF
Walter Langer, New York, N. Y.
Application November 24, 1942, Serial No. 466,724
8 Claims. (Cl. 138—53)

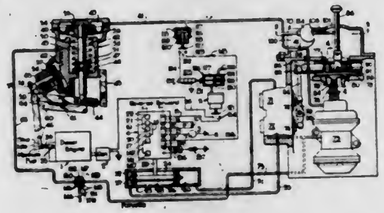


1. A tube of flexible composite sheet material, said sheet material comprising a strain-resisting sheet of non-metallic sheet material the outer surface of which carries integral therewith a layer of metal foil, said tube being characterized by a longitudinally extending seam and by the fact that in the region of said seam longitudinally extending portions of the inner non-metallic surface of said flexible composite sheet material are brought into juxtaposition and bonded face-to-face by an adhesive to provide a primary seal which is the initial juncture of said flexible composite sheet material that provides the inner surface of said tube, the layers of said primary seal being integrally arranged in the superposed order metal foil, non-metallic sheet, bonding adhesive, non-metallic sheet, and metal foil, and by the further fact that one thickness of said composite sheet material is carried beyond said primary seal a substantial distance along the outer surface of said tube and is adherently bonded adjacent the end thereof to said tube to provide side wall of said tube extending substantially completely thereabout so that the tube comprises a plurality of thicknesses of said composite sheet material substantially all around, said extension of said composite sheet material being adherently bonded to said tube as aforesaid by adhesive applied to the non-metallic surface thereof.

5. A method of making a tube utilizing flexible composite sheet material that comprises a strain-resisting sheet of non-metallic sheet material one surface of which carries integrally therewith a layer of metal foil, the opposite surface of said flexible composite sheet material being non-metallic, said method comprising wrapping said flexible composite sheet material about a mandrel with the non-metallic surface thereof on the inside, bringing longitudinally extending portions of said non-metallic inner surface of said flexible composite sheet material into juxtaposition in the region of initial juncture of said flexible composite sheet material and with heat sealing adhesive material between said juxtaposed portions, applying heat to seal together said juxtaposed portions of non-metallic surface of said flexible composite sheet material face-to-face, carrying an extension consisting of one thickness of the flexible composite sheet material beyond said region of initial juncture and wrapping same substantially completely about the previously formed tube with the folding back on itself of one thickness of said composite sheet material at said region of initial juncture, bringing the non-metallic surface of said extension adjacent the end of said extension into juxtaposition with underlying peripheral surface of the tube with heat sealing adhesive between the last mentioned juxtaposed surfaces, and applying heat to seal together said last mentioned juxtaposed surfaces by means of said heat sealing adhesive therebetween.

2,440,340
CONTROL APPARATUS FOR REVERSIBLE LOCOMOTIVES
Arthur G. Larson, Forest Hills, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application June 21, 1946, Serial No. 678,265
22 Claims. (Cl. 290—17)

22. A control apparatus for controlling the speed of an engine and the supply of electric current from a generator driven by said engine to an electric motor comprising in combination, a speed control pipe, speed regulating means for said engine operable to vary the speed of said engine in proportion to the pressure of fluid in said pipe, reversing means for said motor having forward and reverse current supply positions, circuit control means cooperative with said reversing means in its forward and reverse positions to close an electric current supply circuit from said generator to said motor, an operator's control device having forward and reverse positions for supplying fluid under pressure to said pipe and having



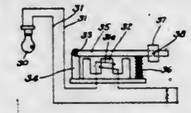
a neutral position for releasing fluid under pressure from said pipe, means operable in said forward and reverse positions of said operator's control device to effect movement of said reversing means to the corresponding position, and manually operative means for also effecting operation of said circuit control means to open said supply circuit.

2,440,341
FASTENER
Eugene W. Lehman, East Cleveland, and Edward M. Whalen, Cleveland, Ohio, assignors to The Cleveland Pneumatic Tool Company, Cleveland, Ohio, a corporation of Ohio
Application January 22, 1945, Serial No. 573,833
2 Claims. (Cl. 85—5)



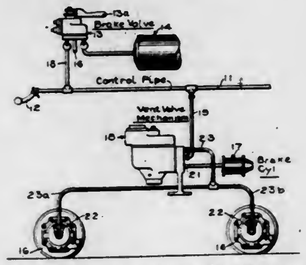
1. A fastener for temporarily holding together at least two perforated sheets in superposed relation, including a cup-shaped housing having a base adapted to rest on the upper sheet, a bore extending centrally through said base of a diameter substantially equal to that of the perforations of the sheets, a retainer slidable in said housing including two laterally resilient legs extending through said bore, an outwardly inclined projection on each of said legs below said base, said projections being laterally movable toward each other for insertion through aligned perforations of said sheets and laterally movable away from each other for engagement with the under side of the lower sheet, a rigid spreader member between said legs for normally urging said projections laterally away from each other, and an upwardly tapered spring urging said retainer upwardly relative to said housing for effecting the spreading of said projections by said spreader and the consequent engagement of said projections with the under side of the lower sheet, and means for locking the lower part of said spring in said housing, the upper end of said spring engaging and gripping said retainer to prevent accidental release thereof from the housing.

2,440,342
APPARATUS FOR MANIFESTING ACCELERATION
Robert Mayne, Akron, Ohio
Original application September 23, 1939, Serial No. 296,281. Divided and this application October 4, 1943, Serial No. 504,812
3 Claims. (Cl. 315—79)



3. In apparatus for visually combating nausea in a human being subjected to accelerations the combination of a light, means for supplying electric current to the light, an accelerometer, and means operated by the accelerometer and positioned in the means for supplying electric current to the light for variably controlling the amount of current supplied to the light in direct ratio to the accelerations applied to the accelerometer.

2,440,343
BRAKE CONTROL SYSTEM
Joseph C. McCune, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Original application April 30, 1943, Serial No. 485,130. Divided and this application February 24, 1944, Serial No. 523,648
11 Claims. (Cl. 303—21)

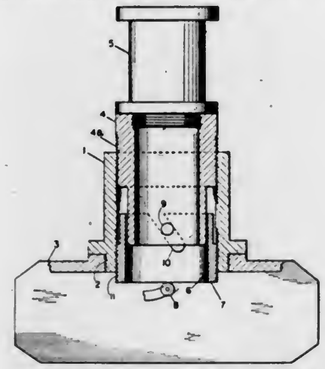


1. In a deceleration control apparatus for a railway vehicle having a wheel unit on which the brakes may be applied and released, the combination of means carried by the wheel unit and operatively responsive to the rate of change of rotational speed thereof, valve means carried by a non-rotated casing associated with said wheel unit, means for effecting operation of said valve means in response to a predetermined operation of the first said means, fluid pressure operated brake control means for controlling the brakes associated with the wheel unit, and means providing a fluid pressure communication between the brake control means and the said valve means whereby to cause operation of the brake control means in response to operation of the valve means.

2,440,344
LENS COUPLING MOUNT
George Bertram Montgomery, Castle-Douglas, Scotland
Application March 17, 1947, Serial No. 735,216
In Great Britain March 15, 1946
1 Claim. (Cl. 88—57)

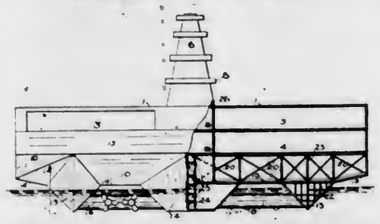
A lens coupling mount comprising a main annular body to engage a socket on a camera body,

two coaxial tubes carried by said annular body, said tubes being adapted for relative axial movement, one of said tubes being a lens tube including an objective fitting, and the other tube being a range-finder tube, range-finder gear on the camera body, the end of said range-finder tube adapted to engage said range-finder gear, the wall of one of said tubes being formed with a helical slot, and a pin projecting from the wall



of the other tube and engaging said helical slot, the pitch of the helix being such as to provide, on movement of the lens tube, in addition to the altered axial relationship of the tube required for focusing, a supplementary relative axial movement of the tubes of an amount to compensate for the amount by which the actual focal length of the objective differs from the theoretical focal length of the objective.

2,440,345
AIRCRAFT CARRIER
Carr Baker Neel, Palo Alto, Calif.
Application May 2, 1944, Serial No. 533,681
11 Claims. (Cl. 114—43.5)

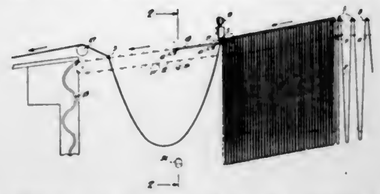


1. An airplane carrier having a main body portion provided with a watertight bottom skin, a row of horizontally elongated hulls in side by side spaced parallel relationship connected directly with and projecting downwardly from said skin for supporting said body above the water, said skin and body projecting equal and substantial distances laterally outwardly and upwardly from the outside hulls of said row,

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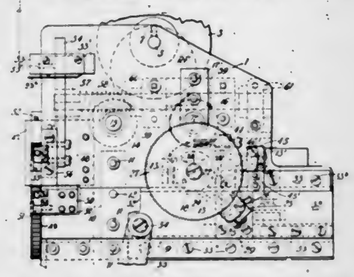
2,440,346
PAPER DRYING APPARATUS
Marin Phillips, Appleton, Wis., assignor to The Appleton Coated Paper Company, Appleton, Wis., a corporation of Wisconsin
Application October 13, 1943, Serial No. 506,026
6 Claims. (Cl. 271—2.2)

2. In a drying apparatus wherein the material is carried in loops on sticks conveyed through the drier, the combination of a stop for arresting the movement of the foremost stick, means for positively releasing said stop when the preceding loop has moved to a predetermined looping position,



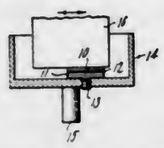
and means directly actuated by the released stick for delaying subsequent actuation of said release means to release said stop until said preceding loop is taken up to a predetermined position.

2,440,347
STACKING MACHINE
Joseph A. Poitras, Fort Lee, N. J., assignor to Solar Manufacturing Corporation, New York, N. Y., a corporation of New York
Application Nov. 6, 1944, Serial No. 562,247
2 Claims. (Cl. 270—58)



1. In a condenser stacking machine, the combination comprising means for feeding a tape foil along a defined path, means for shearing the tape into pieces of predetermined length, a stacking fixture positioned to receive the sheared lengths, means actuated with said shearing means for transversely shifting said fixture alternately to the right and left of said path for each operation of the feeding means so that successive sheared pieces are stacked on said fixture alternatively displaced with respect to the center of the stack and means forming part of said stacking fixture for guiding an insulating sheet centrally of said stacked pieces.

2,440,348
METHOD OF GRINDING PIEZOELECTRIC CRYSTALS
John J. Root, New York, N. Y.
Application May 8, 1945, Serial No. 592,644
5 Claims. (Cl. 171—327)

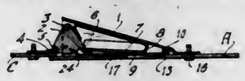


1. A method of processing piezoelectric elements which comprises permanently securing one side of said element to a support and thereafter reducing the thickness of said element by removing material from the free side thereof so as to increase its natural frequency.

2,440,349
PROCESS FOR PREPARING AN ALKYLOLAMIDE OF A TRIHYDROXYSTEARIC ACID
Benjamin B. Schaeffer, Upper Darby, Pa., assignor to United States of America as represented by the Secretary of Agriculture
No Drawing. Application November 14, 1944, Serial No. 563,420
4 Claims. (Cl. 260—404)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A process of preparing an alkylolamide of a trihydroxystearic acid, comprising reacting the trihydroxystearic acid with an alkylol amine in the presence of an aromatic hydrocarbon having a boiling point of about from 80° C. to 176° C., at the temperature of reflux, with continuous removal of water formed and until a sufficient quantity of water has separated to indicate essential completion of the reaction.

2,440,350
DOOR LATCH
Walter S. Shafer, Roseland, N. J.
Application November 14, 1944, Serial No. 563,360
3 Claims. (Cl. 292—226)



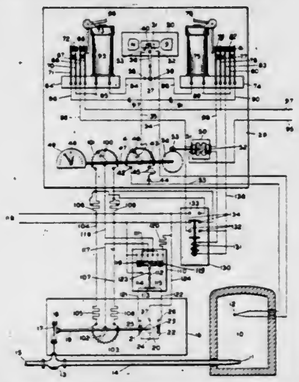
1. A latch including a casing that is open at one side, a latch bolt pivoted therein on a fixed pivot at one end of said open side, an operating member pivotally connected at one end to said casing at the other end of said open side and extending across and substantially closing said open side so as to be exposed for application of pressure, there being an operative connection between the swinging end of said operating member and said latch bolt for swinging the latter in one direction upon application of pressure in one direction to said operating member, and a spring for normally influencing said bolt and said operating member in the opposite direction, said latch bolt having a lug normally disposed adjacent said open side of said casing and said operating member including a substantially straight lever disposed in substantially the plane of said open side of the casing and pivoted at one end to the casing with its swinging end underlying said lug on said bolt.

2,440,351
DIFFERENTIAL RAILROAD CAR WHEEL AXLE
Frank A. Showacre, Bethesda, Md.
Application October 25, 1944, Serial No. 560,272
1 Claim. (Cl. 295—37)



A differential railroad car axle comprising a freely rotatable sleeve, axle sections rotatable in said sleeve independent of each other and being inserted and removable through ends of the sleeve, said axle sections having outer end portions projecting from ends of the sleeve and terminating in journals for rotatable reception in journal boxes of a railroad car truck, wheels fixed about protruding portions of said axle sections between the journals and ends of said sleeve, said axle sections having longitudinal bores and annular seats at their outer ends surrounding the bores, a locking shaft extending through the bores and having its ends protruding from outer ends of the axle sections and threaded, and nuts upon the threaded ends of said shaft having flanged inner ends engaged in said seats to hold the axle sections against outward shifting.

2,440,352
AUTOMATIC ELECTRIC MOTOR CONTROL SYSTEM
George E. Van Vessem, Naugatuck, Conn., assignor to The Bristol Company, Waterbury, Conn., a corporation of Connecticut
Application June 2, 1943, Serial No. 489,346
12 Claims. (Cl. 318—28)

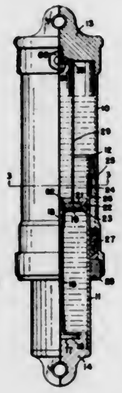


1. In a system for automatically regulating a condition, a motor adapted to actuate a valve for controlling a condition-affecting agent, means sensitive to changes in said condition, a measuring instrument comprising electrical means adapted to be unbalanced by changes in said condition and a member adapted under the influence of said sensitive means to assume different positions to restore a balanced condition in said electrical means, said positions being representative of the magnitudes of said condition, means operatively coupling said measuring instrument and said motor and adapted to cause said motor to move said valve toward positions corresponding to those assumed by said member of said instrument, and further means directly and substantially instantaneously responsive to said sensitive means independently of the position of said member for modifying the coupling between said instrument and motor and in a sense to anticipate the influence normally transmitted through said coupling means.

2,440,353
SHOCK ABSORBER
John F. Wallace, University Heights, Ohio, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio, a corporation of Ohio
Application February 2, 1945, Serial No. 575,858
2 Claims. (Cl. 267—64)

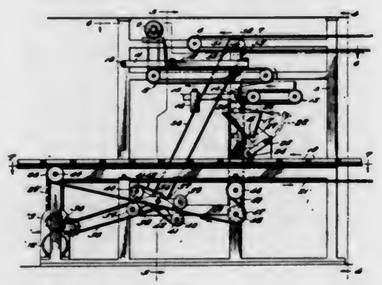
1. In a hydropneumatic shock absorber comprising first and second telescoping elements, an

orifice plate carried by said first element and a cooperating metering pin carried by said second element, a tube upon one end of which said orifice plate is supported, a ball and socket joint between



the opposite end of said tube and the said first element, and a fastening extending through said ball and socket joint into said first element for locking the joint in adjusted position.

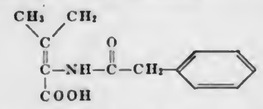
2,440,354
RECEPTACLE FILLING APPARATUS
Peter Auberman, Caldwell, Idaho
Application July 1, 1946, Serial No. 680,666
6 Claims. (Cl. 226—2)



1. In an apparatus of the character described, the combination of an endless belt-conveying means for continuously carrying receptacles past a feed hopper, means for continuously delivering articles or the like to said feed hopper including a feed conveyor tiltable about a horizontal axis, yieldable means acting to normally swing said feed conveyor upwardly, driving means for said conveying means including a motor-driven variable speed transmission device having a speed control mechanism including a lead screw rotatable in opposite directions to vary the speed of said conveying means, and reversible driving means for said lead screw connected and responsive to the tilting movements of said feed conveyor for rotating the lead screw in a direction to slacken the speed of the conveying means when the feed conveyor is swung upwardly by said yieldable means and for rotating the lead screw in the opposite direction to increase the speed of said conveying means when the feed conveyor is swung downwardly against the action of said yieldable means by the articles or the like supplied to the feed conveyor.

2,440,355
PROCESS AND CULTURE MEDIA FOR PRODUCING PENICILLIN
Otto K. Behrens, Indianapolis, Ind., assignor to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana
No Drawing. Application August 24, 1945, Serial No. 612,525
7 Claims. (Cl. 195—36)

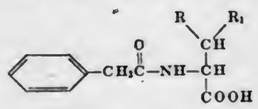
3. In the method of producing penicillin in submerged culture by growing a Penicillium mold of the notatum-chrysogenum group in association with a nutrient material, the improvement which comprises incorporating in the nutrient material, in effective amount less than about 1 percent, a member of the group consisting of N-phenylacetyl - α - amino - β,β - dimethylacrylic acid represented by the formula



and salts and lower alkyl esters thereof.

2,440,356
PROCESS AND CULTURE MEDIA FOR THE PRODUCTION OF PENICILLIN
Otto K. Behrens, Indianapolis, Ind., assignor to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana
No Drawing. Application August 24, 1945, Serial No. 612,526
8 Claims. (Cl. 195—36)

1. The method of producing penicillin in submerged culture which comprises growing a Penicillium mold of the notatum-chrysogenum group in a culture medium in the presence of an effective amount less than about one percent of a compound characterized by the presence of its 1-configuration isomer and selected from the class consisting of acids represented by the formula



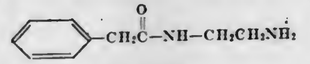
wherein R represents a member of the group consisting of hydrogen, methyl and ethyl and R_1 represents an alkyl radical having not more than two carbon atoms, and salts and lower alkyl esters of said acids.

2,440,357
PROCESS AND CULTURE MEDIA FOR PRODUCING PENICILLIN
Otto K. Behrens and Quentin F. Soper, Indianapolis, Ind., assignors to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana
No Drawing. Application August 24, 1945, Serial No. 612,528
8 Claims. (Cl. 195—36)

3. The method of producing penicillin in submerged culture, which comprises growing a Penicillium mold of the notatum-chrysogenum group in the presence of an effective amount less than about one percent of an N-alkenylphenyl acetamide of the group consisting of N-allyl-phenylacetamide, N-crotyl-phenylacetamide, N-(2-methylallyl)-phenylacetamide, N-(3-ethylallyl)-phenylacetamide and N-(3,3-dimethylallyl)-phenylacetamide.

2,440,358
PROCESS AND CULTURE MEDIA FOR PRODUCING PENICILLIN
Otto K. Behrens and Reuben G. Jones, Indianapolis, Ind., assignors to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana
No Drawing. Application August 24, 1945, Serial No. 612,529
7 Claims. (Cl. 195—36)

1. The method of producing penicillin in submerged culture which comprises growing a Penicillium mold of the notatum-chrysogenum group in a culture medium in the presence of an effective amount less than about one percent of a member of the group consisting of N-(2-aminoethyl)-phenylacetamide represented by the formula



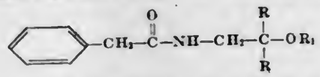
and acid addition salts thereof.

2,440,359
PROCESS AND CULTURE MEDIA FOR PRODUCING PENICILLIN
Otto K. Behrens, Reuben G. Jones, and Joseph W. Corse, Indianapolis, Ind., assignors to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana
No Drawing. Application August 24, 1945, Serial No. 612,538
8 Claims. (Cl. 195—36)

3. The method of producing penicillin in submerged culture which comprises growing a Penicillium mold of the notatum-chrysogenum group in a culture medium in the presence of an effective amount less than about one percent of a compound of the group consisting of N-(2-hydroxyethyl)-phenylacetamide, N-(2-hydroxypropyl)-phenylacetamide, and N-(2-hydroxybutyl)-phenylacetamide.

2,440,360
PROCESS AND CULTURE MEDIA FOR THE PRODUCTION OF PENICILLIN
Otto K. Behrens and Reuben G. Jones, Indianapolis, Ind., and Joseph W. Corse, Altadena, Calif., assignors to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana
No Drawing. Application August 12, 1947, Serial No. 768,274
9 Claims. (Cl. 195—36)

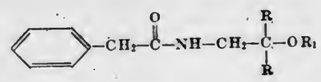
1. The method of producing penicillin in submerged culture which comprises growing a Penicillium mold of the notatum-chrysogenum group in a culture medium in the presence of an effective amount less than about one percent of a compound represented by the following formula:



wherein each R represents a member of the group consisting of hydrogen, methyl and ethyl, and R_1 represents a member of the group consisting of methyl, ethyl, propyl and isopropyl.

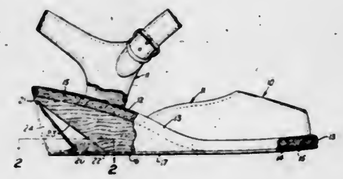
2,440,361
PROCESS AND CULTURE MEDIA FOR THE PRODUCTION OF PENICILLIN
Otto K. Behrens and Reuben G. Jones, Indianapolis, Ind., and Joseph W. Corse, Altadena, Calif., assignors to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana
No Drawing. Application August 12, 1947, Serial No. 768,275
9 Claims. (Cl. 195—36)

1. The method of producing penicillin in submerged culture which comprises growing a Penicillium mold of the notatum-chrysogenum group in a culture medium in the presence of an effective amount less than about one percent of a compound represented by the following formula



wherein each R represents a member of the group consisting of hydrogen, methyl and ethyl, and R_1 represents a member of the group consisting of acetyl, propionyl, butyryl and phenylacetyl.

2,440,362
SLIP LASTED SHOE WITH TUCKED IN HEEL COVER, AND METHOD
Walter Braun, Los Angeles, Calif.
Application July 25, 1944, Serial No. 546,455
8 Claims. (Cl. 36—34)

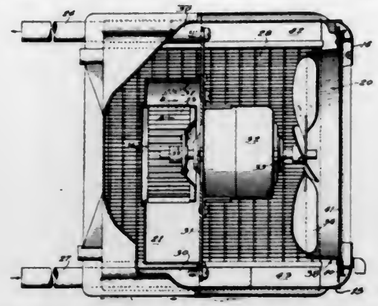


6. A heel for a shoe comprising a generally wedge type heel raise, said heel raise being formed with a substantially vertical slit commencing at a point spaced from the top of said heel raise cut in from the surface thereof which is on the outside of the shoe said slit being of increasing depth towards the bottom of said heel raise, and a single, continuous cover of sheet material over the outside surface of said heel raise fitted snugly thereto, said cover having an original fullness around its lower portion greater than the surface to be covered, and a tuck of the unbroken area of said cover forced into said slit to remove surplus and improve the fit of said cover on said heel raise.

2,440,363
BLOWER
Theodore S. Briskin, Chicago, Ill., assignor to Excel Auto Radiator Company, Chicago, Ill., a corporation of Delaware
Application February 5, 1945, Serial No. 576,234
2 Claims. (Cl. 230—119)

1. In a heater in which the parts are arranged so that the inlet air stream moves in a transverse direction with respect to the outlet air stream, and having a fan disposed in the path of said outlet air stream, an interiorly extending

duct disposed around said fan, said duct being built up at the windward side so as to form a

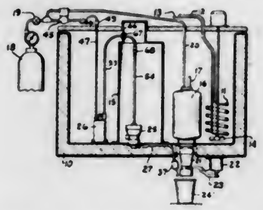


partial barrier for said transversely flowing air stream.

2,440,364
DYE COMPOSITION
William J. Champion, La Grange, Ill., assignor to Ditto, Incorporated, Chicago, Ill., a corporation of West Virginia
No Drawing. Application December 24, 1943, Serial No. 515,620
1 Claim. (Cl. 106—272)

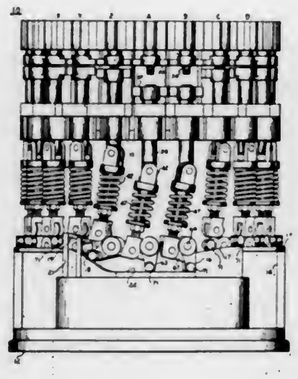
A coating composition consisting of a suspension of a dye selected from the group consisting of water and alcohol soluble dyes in a wax and mineral oil solution, said composition containing less than one-half percent of water and from 55 to 67 percent by weight of said dye, the wax being present in substantial amount and the oil being present in greater amount than the wax and sufficient to give a free-flowing composition under coating conditions.

2,440,365
METERING MOTOR OPERATED PUMP FOR DISPENSING BEVERAGES
Bruce G. Copping, Atlanta, Ga., and Evert S. Wegman, East Longmeadow, Mass., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa., a corporation of Pennsylvania
Application February 10, 1945, Serial No. 577,204
4 Claims. (Cl. 225—26)



1. Beverage dispensing apparatus comprising, a tank for containing water to be dispensed, a syrup tank, a syrup pump associated with and operatively connected to the syrup tank, an adjustable metering device for operating the syrup pump detachably connected in and near the bottom of the water tank, and a connection adapted to contain liquid joining the metering device and the syrup pump, said connection being so constructed and arranged that the metering device may be removed from the water tank for adjustment without breaking said connection.

2,440,366
MOLDING MACHINE
David Cropp, Rochester, N. Y., assignor to Cropp Engineering Corporation, Warren, Pa., a corporation of Delaware
Application July 13, 1945, Serial No. 604,762
8 Claims. (Cl. 18—20)

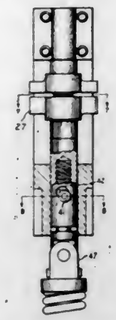


2. In a molding machine having a rotatable turret, a plurality of molds carried by said turret, each of said molds including a pair of complemental elements, one of said elements being fixed, the other of said elements being movable with respect to the fixed element and said turret, mechanism for operating the movable element of each of said molds comprising a spring pressure unit joined to each movable element, a cam-like track on a stationary part of said machine, a toggle pivotally mounted on said turret and joined to said spring pressure unit, said toggle being engageable with a portion of said track in a manner to impart movement in one direction thereof to said movable element through said spring pressure unit to bring said movable element into cooperative relationship with said fixed element, said toggle and said spring pressure unit being so constructed and arranged as to secure said movable element against withdrawal from said fixed element independently of said track during at least part of a molding cycle, and means associated with said track for rotating said toggle in another direction to permit withdrawal of said movable element from said fixed element under impulse of said spring pressure unit.

2,440,367
MOLDING MACHINE
David Cropp, Rochester, N. Y., assignor to Cropp Engineering Corporation, Warren, Pa., a corporation of Delaware
Application July 24, 1945, Serial No. 606,826
5 Claims. (Cl. 18—20)

1. In a molding machine having a rotatable turret, a plurality of molds carried by said turret, each of said molds comprising a fixed element and a cooperative movable element, a track on a stationary part of said machine, means for moving said movable element, said means being carried by said turret and rendered movable by engagement with at least a portion of said track, lost motion means connecting the movable element with said moving means, said lost motion

means including two relatively movable parts constructed to turn said movable element about



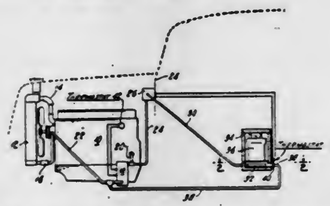
an axis common to both elements during relative movement of said last named parts.

2,440,368
SLEEVE HEAD PAD FOR GARMENTS
Irving A. Danilin, New York, N. Y.
Application March 2, 1946, Serial No. 651,510
4 Claims. (Cl. 2—268)



1. A shoulder or sleeve head pad comprising: a plurality of separate elongated strips of felt, each of said strips being folded about a predetermined line thereon, said last mentioned lines being aligned and juxtaposed; and stitch means extending through and securing together the several laminations formed by said strips in the folded condition thereof.

2,440,369
AUTOMOTIVE BATTERY HEATING SYSTEM
George R. Furman, Beacon, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Application July 29, 1944, Serial No. 547,233
5 Claims. (Cl. 123—142.5)



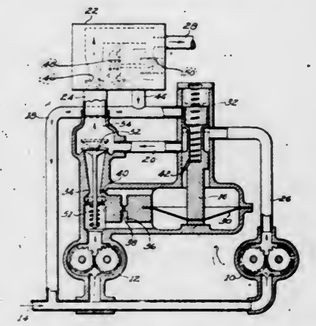
5. The combination with a motor vehicle having an engine with a water jacketed cylinder block, a heater for heating the water in said water jacket during standby periods and a battery for starting said engine, of means for heating said battery during said standby periods to insure maximum power output when starting the engine, comprising a heat exchanger coil disposed in contact with said battery, means connecting said heater and said coil to provide for circulation of heated water through said coil, means for pumping heated liquid through said water circulating means, and temperature responsive means operatively connecting said coil and said pumping means for controlling the actuation of the latter in response to changes in the temperature of the water in said coil.

2,440,370
MULTIPOINTED ELECTRODE
Robert Gorden Hanneman, Cleveland, Ohio, assignor to Air-Maze Corporation, Cleveland, Ohio, a corporation of Delaware
Application January 23, 1947, Serial No. 723,704
3 Claims. (Cl. 250—27.5)



1. An electrode comprising a strip of woven screen having filaments crossing at right angles, there being long filaments running lengthwise of said strip and a series of short filaments running crosswise thereof, said short filaments extending laterally beyond said long filaments providing a series of sharp points along the side of said strip, and said strip being twisted about a central axis generally parallel to said long filaments.

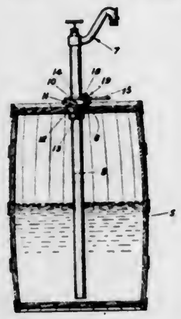
2,440,371
EMERGENCY PUMP
George M. Holley, Jr., Grosse Pointe, Mich., assignor to George M. Holley and Earl Holley
Application February 1, 1946, Serial No. 644,835
2 Claims. (Cl. 103—11)



1. An emergency fuel pump having a normally open escape valve in combination with a normally-functioning fuel supply pump having a Venturi outlet, yieldable means for closing said escape valve, means responsive to the drop in pressure in the throat of said Venturi outlet

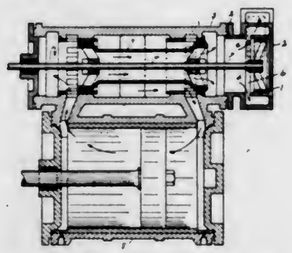
for opening said escape valve against said yielding means when said normally-functioning fuel pump is operating normally, said escape valve being adapted when closed by said yieldable means to also admit fuel from said emergency fuel pump downstream from said Venturi outlet when the flow through said venturi fails, a non-return valve in the outlet from said venturi.

2,440,372
CLAMP FOR BARREL PUMPS
Wilbur Jackson, Chatsworth, Ga.
Application January 16, 1947, Serial No. 722,399
1 Claim. (Cl. 285—30)



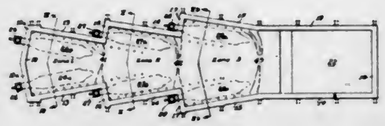
A fitting adapted to be mounted upon a barrel and provided with a main opening, a clamp plate arranged upon the fitting and provided with a main opening and an eccentric slot, the main openings being adapted to receive the cylinder of a pump or the like, and a pin secured to the fitting and projecting into the eccentric slot and co-acting with the slot when the clamp plate is turned for shifting the clamp plate bodily laterally to clamp the cylinder against the side wall of the main opening in the fitting.

2,440,373
SUPPLEMENTARY EXHAUST PORT FOR STEAM LOCOMOTIVES
William W. Knight, Birmingham, Ala.
Application November 20, 1946, Serial No. 711,153
3 Claims. (Cl. 121—136)



2. A supplementary exhaust for use on steam locomotives of the class described comprising: a slide valve, a case for the slide valve to operate therein, a piston rod attached to the valve, an exhaust port adapted to register with the slide valve, an exhaust pipe leading from the exhaust port of the valve, said assembly attached to the main steam valve of the locomotive cylinder and adapted to operate in unison therewith.

2,440,374
SMELTING FURNACE
Levi S. Longenecker, Mount Lebanon, Pa.
Application September 16, 1943, Serial No. 502,581
20 Claims. (Cl. 266—10)



11. In a smelting furnace having an exhaust duct adjacent its front wall and a settling zone below such duct, a shadow wall overlying such zone and arranged to serve as a shield between such duct and such zone, means dividing the furnace space between such duct and the furnace back wall into a number of longitudinally extending melting zones of different widths; each succeeding zone having a greater width than the zone that precedes it, and a pair of burners for each such zone with each pair so constructed and arranged as to project a pair of heating flames adjacent the zone side walls and throughout substantially its full length whereby a substantially constant high flame temperature is maintained throughout the furnace from the back wall to such duct and a relatively low temperature is maintained within the exhaust duct.

2,440,375
LUBRICATING OIL
Rush F. McCleary, Beacon, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
No Drawing. Original application April 26, 1941, Serial No. 390,541, now Patent No. 2,363,134, dated November 21, 1944. Divided and this application February 23, 1942, Serial No. 432,039
11 Claims. (Cl. 252—42.7)

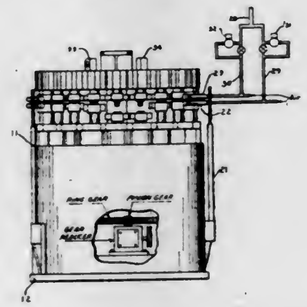
1. An improved lubricating oil comprising a mineral lubricating oil having incorporated therein a small proportion of an oil-soluble metal salt of a compound which is the reaction product of a methylol-forming aromatic compound with equimolecular quantities of formaldehyde and a secondary amine.

2,440,376
MOLDING MACHINE
Richard A. Myers, Warren, Pa., assignor to Warren Plastics Corporation, Warren, Pa., a corporation of Delaware
Application August 23, 1946, Serial No. 692,639
4 Claims. (Cl. 18—20)



4. In a molding machine having a rotatable turret, a plurality of pairs of complemental mold elements carried by said turret, and means operable to separate each pair of elements on the completion of a molding cycle to expose a molded article on its carrying element; a mechanism for the successive removal of molded articles from their carrying elements comprising a swingable member mounted on a stationary part of said machine, means yieldingly urging said member into the path of travel of an exposed molded article, a block on said member having a plane surface adapted to have contact with an exposed article, said block being proportioned to have sufficiently protracted contact with said article as to break the seal of adherence of the article with its carrying element, a spring actuated trigger on said member, said trigger being positioned to contact and effect removal of a loosened article from its carrying element.

2,440,377
MOLDING MACHINE
Stuart J. Myers, Warren, Pa., assignor to Warren Plastics Corporation, Warren, Pa., a corporation of Delaware
Application August 21, 1946, Serial No. 692,037
4 Claims. (Cl. 18—20)

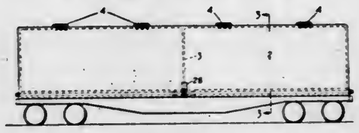


1. In a molding machine having a rotatable turret of generally circular cross section, means for rotating said turret, a plurality of molds carried by and radially disposed in a common plane about said turret, said molds including upper and lower separable elements, said elements each having a frontal portion that includes lateral extensions, structure for heating said molds comprising two stationary gas heating units arranged in an arc around the molds on said turret and including burners so positioned as to direct a flame successively onto the full frontal surface of each element and its lateral extensions as said turret revolves.

2,440,378
TREATMENT OF SODIUM ALUMINATE SOLUTIONS
James W. Newsome, Belleville, Harold W. Heiser, East St. Louis, and James R. Wall, Collinsville, Ill., assignors to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application September 13, 1946, Serial No. 696,936
2 Claims. (Cl. 23—52)

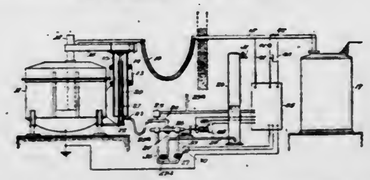
2. In the process comprising removing dissolved sodium sulfate present in an aqueous sodium aluminate solution containing dissolved sodium organic salts, and produced by digesting alumina-bearing ore containing organic material with caustic soda solution, by evaporating water from the solution sufficiently to precipitate sodium sulfate values therefrom, the step comprising introducing into the solution to be concentrated a material selected from the class consisting of rosin, rosin oil, and tall oil.

2,440,379
TRANSPORT VEHICLE
Ragnar A. Norbom, New York, N. Y., assignor to National Fitch Corporation, a corporation of Delaware
Application January 12, 1945, Serial No. 572,531
13 Claims. (Cl. 214—83.28)



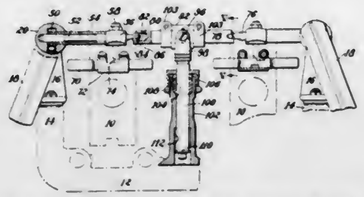
1. In a vehicle for transporting flour or similar finely-crushed or granular material in bulk, the combination comprising: two enclosed lading compartments in end-to-end relation, each extending approximately one-half of the length of the vehicle with their adjacent transverse end walls at approximately the longitudinal center of the vehicle, the compartment at one end having its bottom wall out-of-line, longitudinally of the vehicle, with the bottom wall of the other compartment; two suction conducting means mounted within the vehicle and exteriorly of the compartments for discharging the lading of the said compartments, one said means being positioned to operate along the bottom wall of each of the compartments and each comprising an extensible suction nozzle with operating mechanism therefor, mounted on the vehicle, for moving the said nozzles into and along the bottom walls of the respective compartments lengthwise thereof; and connection fittings on the vehicle for connecting each of the nozzles with a terminal source of suction.

2,440,380
MEANS FOR AUTOMATICALLY CONTROLLING ARC FURNACE ELECTRODES
William Harvey Payne, Hinsdale, Ill.
Application December 23, 1944, Serial No. 569,443
21 Claims. (Cl. 314—61)



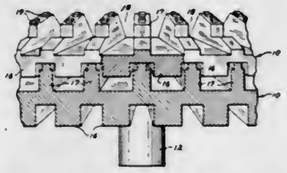
1. Mechanism adapted to position an electric arc furnace electrode and comprising a cooperating cylinder and piston connected to move the electrode in opposite directions in response to delivery or withdrawal of a hydraulic medium to and from the cylinder, a storage tank for the hydraulic medium, a pump, means for driving the pump in one direction only, and cooperating valve means operable, in one position, to connect the intake and delivery side of the pump respectively with the storage tank and said cylinder, to deliver the medium to the cylinder and cause the electrode to move in one direction, said valve means being operable, in another operating position, to connect the intake and delivery sides of the pump respectively with the said cylinder and tank, to withdraw the medium from the cylinder and effect movement of the electrode in the opposite direction, the speed of electrode movement being controlled by the pump delivery rate.

2,440,381
FIRING MECHANISM FOR GUNS
Harry Phillips, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J., a corporation of New Jersey
Application March 10, 1944, Serial No. 525,925
11 Claims. (Cl. 89—136)



1. In a dual gun assembly the combination with two guns, a common cradle for said guns, a firing mechanism including in each gun a firing pin, a sear for operating the firing pin, and a sear lever for operating the sear, of two triggers mounted on said cradle for swiveling movement on axes parallel to the bores of the guns, mechanism whereby said triggers operate said sear levers respectively, and means interconnecting the triggers comprising two rocker members constructed and arranged to be operated by the triggers respectively, and a central rocker member disengageably connecting said trigger-operated rocker members.

2,440,382
TUYÈRE
William A. Riddell, Frederick, Md., assignor to The General Engineering Company, Frederick, Md., a corporation of Maryland
Application February 27, 1946, Serial No. 650,595
6 Claims. (Cl. 110—44)

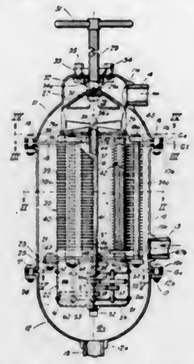


6. In combination at least two superimposed tuyère plates, the upper plate having a series of spaced depending lower ribs and the lower plate having upwardly projecting ribs on its upper surface adapted to loosely mesh with the lower ribs on said upper plate, and means supporting the plates with the respective upper and lower edges of the upper and lower ribs spaced from the adjacent plate surfaces.

2,440,383
SYNERGISTIC ANTIOXIDANT COMPOSITION OF THE ACIDIC TYPE
Roy W. Riemenschneider, Glenside, and Jack Turer, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of Agriculture
No Drawing. Application April 24, 1943, Serial No. 484,347
7 Claims. (Cl. 260—398.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

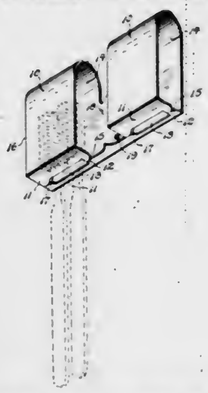
1. An antioxidant composition comprising phospholipids and an ascorbyl monoester of a saturated aliphatic monocarboxylic acid containing 12 to 18 carbon atoms per molecule.

2,440,384
SELF-CLEANING STRAINER
Kurtiss P. Schenke, New York, N. Y.
Application July 20, 1944, Serial No. 545,795
13 Claims. (Cl. 210—167)



1. A fluid strainer comprising a main casing portion having a fluid inlet through the wall thereof, a casing portion having a fluid outlet, a supporting element having an opening disposed between said main and said outlet casing portions to form a partition to seal off said main portion from said outlet portion, a strainer unit having vertically spaced laminations supported by said supporting element in an inwardly spaced relationship from the wall of said main casing to the opening in said supporting element, rotatportion, said strainer unit having an outlet open able means disposed within said strainer unit adapted to extend between and clean the spaces between said laminations, an axial flow impeller disposed at said opening in said supporting element operatively connected to said rotatable cleaning means adapted to be driven by the fluid flowing from the outlet side of said strainer unit for the automatic cleaning of said spaces.

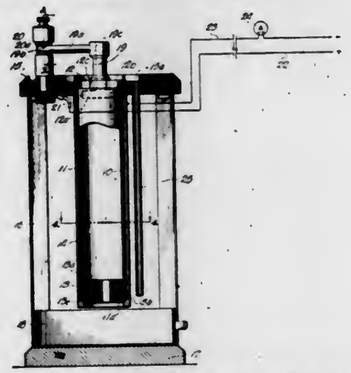
2,440,385
TOOTHBRUSH HOLDER
Charles F. Schulte, Columbus, Ohio
Application March 2, 1946, Serial No. 651,541
3 Claims. (Cl. 211—65)



1. An article holder comprising a body formed to include a pair of horizontally aligned resiliently separable jaws, the latter having adjoining

edges, at least one of said edges being recessed to provide an opening for the reception of handles of articles to be supported by said jaws, said edges at the article entrance end of the jaws being relieved to permit of relative separation between said jaws when a handle of an article is forced therebetween and toward said opening, the opposite or article-removal end of the jaws being unrelieved to prevent the insertion of an article handle therebetween, and one end only of said opening at the article-removal side thereof being relieved to permit of the passage of an article during removal thereof from the holder through the separation of the jaws.

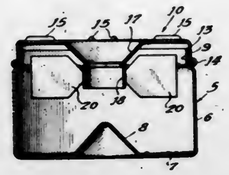
2,440,386
CELL FOR MEASURING THE ELECTRICAL CHARACTERISTICS OF MATERIALS
Frederick W. Stein, Atchison, Kans.
Application September 30, 1943, Serial No. 504,404
8 Claims. (Cl. 175—183)



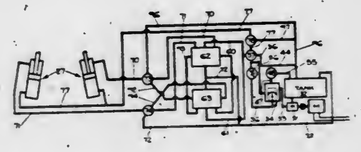
1. In a cell for determining the electrical characteristics of materials, a frame with an upper insulating support member, inner and outer concentric spaced apart tubes the outer tube suspended from the support member upper and lower insulating spacers mounted on the ends of the inner tube and engaging the inner surface of the outer tube to hold the tubes in insulated spaced relationship, the assembly of the upper extremity of the outer tube and upper spacer member forming a well, passageways through said upper spacer connecting said well with the annular space between said tubes for draining fluid from the well into said annular space.

2,440,387
SMOKELESS ASHTRAY
Richard C. Weddle, Terre Haute, Ind., assignor to Columbian Enameling & Stamping Co., Inc., Terre Haute, Ind., a corporation of Indiana
Application November 1, 1946, Serial No. 707,274
4 Claims. (Cl. 131—231)

3. A smokeless ash tray comprising a receptacle having side walls and a bottom, means in the lower center of said receptacle for directing burning objects toward said walls, a detachable cover for said receptacle, said cover having a central opening therein, a tube depending from said cover in alignment with said opening and terminating short of said directing means, and cooling members spaced about and carried by said tube, the junction between a cooling member and said tube extending substantially the length of said tube, said cooling members lying in vertical planes and extending radially from said tube to points short of the receptacle walls whereby to present substantial cooling surfaces to the products of combustion emitted by burning objects deposited within the receptacle.



2,440,388
HYDRAULIC SYSTEM FOR RECIPROCATING BREAKER PLATES FOR REVERSIBLE ROTARY CRUSHERS
Fred J. Wright, Upper Arlington, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company, a corporation of Ohio
Application July 10, 1945, Serial No. 604,219
5 Claims. (Cl. 241—187)

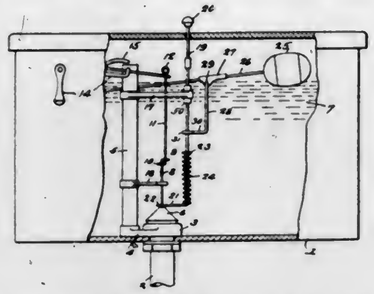


1. A crusher including a rotor, a pair of reciprocably mounted breaker plates adjacent said rotor, hydraulic motor means for reciprocating said breaker plates in reverse directions simultaneously upwardly and downwardly, a hydraulic circuit for controlling reciprocation of said breaker plates including a reversible hydraulic motor for each plate, a hydraulic circuit for controlling said motors including means providing a hydraulic coupling between them whereby the weight of each breaker plate counterbalances the other and said breaker plates are moved in reverse directions as aforesaid, and valve means operable to reverse the direction of travel of said motors periodically and insure that each breaker plate moves through a full stroke.

2,440,389
WATER SAVER
Walter Mark Anderson, Sr., Montgomery, Ala.
Application August 14, 1944, Serial No. 549,359
4 Claims. (Cl. 4—57)

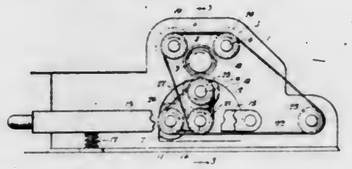
1. In a water saving device, a flush tank having an outlet, a buoyant valve controlling the outlet, a valve operating member disposed above the valve and supported thereby, said member being movable relatively to the valve, a portion of said member being exposed for depression by an operator, to secure a premature closing of the valve, an abutment on said member, a float and mechanism for mounting the float in the tank for movement responsive to the rise and fall of the liquid therein, weight means comprising a part slidably mounted on said member and en-

gageable with the abutment, when the level of the water in the tank falls, thereby to superpose



an added weight on the valve and to secure a premature closing of the valve.

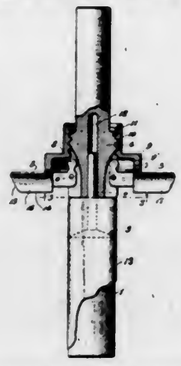
2,440,390
APPARATUS FOR MAKING CONVOLUTE WOUND TUBING FROM SHEET MATERIAL
Boris Bogoslowsky, Jackson Heights, N. Y.
Application October 27, 1944, Serial No. 560,706
5 Claims. (Cl. 93—81)



4. Apparatus for making convolute wound tubing from sheet material, comprising, a mandrel, a frame, a plurality of rollers mounted on said frame to rotate on parallel axes arranged around said mandrel, the peripheral surfaces of said rollers being spaced to engage the peripheral surface of said mandrel, means for driving at least one of said rollers to rotate said mandrel to feed the leading end of a sheet of material between one of said rollers and said mandrel, and means for guiding the leading end of said sheet circumferentially of said mandrel as said mandrel rotates to cause the leading end to feed into the bight between each of said rollers and said mandrel and tuck under the next succeeding convolution.

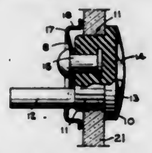
2,440,391
APPARATUS FOR SHAPING TUBULAR BLANKS
Boris Bogoslowsky, Jackson Heights, N. Y.
Application December 8, 1944, Serial No. 567,267
2 Claims. (Cl. 93—36.8)

1. Apparatus for making an embryo tubular article having a tubular body portion and a shoulder and tubular neck integral with said tubular body, comprising, a head, a plurality of fingers mounted on said head and spaced at intervals around a center, and means for moving said fingers radially inwardly toward said center, each of said fingers having surfaces which engage spaced portions of one end of a tubular blank to fold the same inwardly, and each of said fingers having radially disposed surfaces opposed to but spaced from similar radially disposed surfaces of the next adjacent finger on each side, which said radially disposed surfaces serve



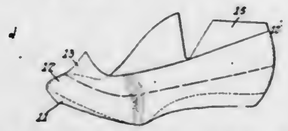
to fold the portions of said tubular blank lying between said inwardly folded portions to form outwardly projecting pleats.

2,440,392
ZERO METER ADJUSTER
Howard Butler, Walsall, England
Application August 8, 1944, Serial No. 548,585
In Great Britain October 29, 1943
8 Claims. (Cl. 171—95)



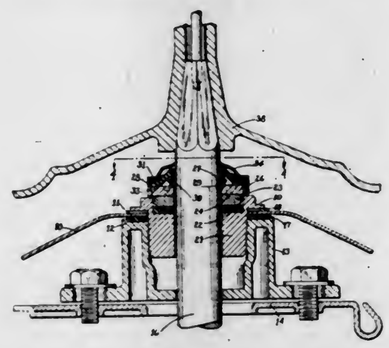
8. A zero adjuster for a measuring instrument comprising a casing member, a stud mounted for rotation about its axis in an opening in the casing member, said stud having a flanged head engaging the outer side of the casing member, an eccentric projection on the opposite end of the stud, and a resilient plate washer secured to the inner end of the stud, said washer being bent by means securing it to the stud and engaging the casing member at points within the inner side of the casing member around the opening therein and forming a cover therefor.

2,440,393
PROCESS OF MAKING LAST-FITTING FABRIC UPPERS
Frank W. Clark, Beverly Farms, Mass.
Application August 18, 1944, Serial No. 550,026
2 Claims. (Cl. 12—142)



1. The process of making fabric shoe uppers, which consists in providing a band of chenille yarn having coarse strands of vinyon disposed longitudinally in closely spaced courses in one portion of the band and in more widely spaced courses in an adjacent portion of the band, stretching the band longitudinally about a last with the vinyon strands concentrated adjacent the lower portion of the last and passing about the toe and heel ends thereof, connecting one margin of the band across the bottom of the last, and then steaming the band thereby causing the vinyon strands to shrink and stiffen the band into a resilient, self-sustained last-fitting upper.

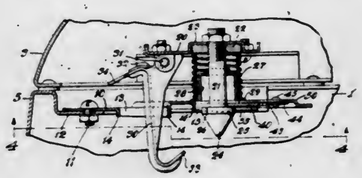
2,440,394
LIQUID SEAL DEVICE
Gerald I. Cockerill, Cleveland Heights, Ohio, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application October 11, 1944, Serial No. 558,146
2 Claims. (Cl. 286—11)



1. In a liquid seal adapted to effect a seal between the base of a chamber for sediment containing liquid and a rotatable shaft projected into the chamber through said base, said seal comprising a sealing surface encircling the shaft and elevated above the normal level of sediment tending to settle in the chamber, a sealing ring of self-lubricating material encircling the shaft and engaging the sealing surface, a sealing element of flexible material effecting a seal between the shaft and the sealing ring, means for exerting resilient pressure on the sealing element comprising a sheet metal plate of generally frusto-conical form having resilient fingers exerting pressure on the sealing element and generally V-shaped prongs directed at an angle to the shaft and in a direction away from the sealing ring, and said prongs defining an opening for receiving the shaft having an inner effective diameter slightly less than the shaft diameter adapted to permit the plate to slide along the shaft relatively rapidly in a direction toward the sealing ring and the prongs to be wedged into locking engagement with the shaft upon slight movement in a reverse direction.

2,440,395
LEVER RELEASE LATCH
Frank S. Deschermeier, Chicago, Ill., assignor, by mesne assignments, to Chicago Forging and Manufacturing Company, Chicago, Ill., a corporation of Delaware
Application February 7, 1946, Serial No. 646,101
1 Claim. (Cl. 292—221)

In a latch assembly, a supporting plate having a keeper receiving aperture, a keeper adapted to penetrate the aperture and move toward and from the plate in a plane generally perpendicular to the supporting plate, a latch element on the side of the plate farthest removed from the direction from which the keeper approaches, said latch element being pivoted to the late and having a portion adapted to engage the keeper, an actuating lever pivoted to said latch element, and



having an abutting portion adapted to engage a side of said keeper, yielding means adapted normally to urge said latch element and said actuating lever toward latching position, and means, engaging an outer portion of said actuating lever, for rotating it and the latch element, toward unlatching position, while maintaining a leverage contact between said actuating lever and the keeper.

2,440,396
SMOKING DEVICE
Max J. Doppelt, Chicago, Ill.
Application June 1, 1946, Serial No. 673,858
1 Claim. (Cl. 131—198)

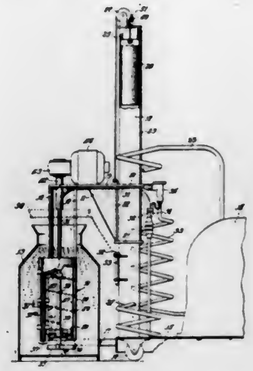


In a smoking device having a tobacco holder and a mouthpiece, a foraminous tube having a continuous smooth exterior surface throughout the length of the tube interposed between said holder and said mouthpiece for admitting air to co-mingle with the smoke passing through said tube, and a sleeve of porous paper surrounding said tube, said sleeve of porous paper being in continuous intimate contact at all points with the smooth surface of said tube and removed from the zone of combustion to permit repeated use of said porous paper and whereby admission of air into the tube for co-mingling occurs solely through the pores of said paper.

2,440,397
IMMERSION TYPE REFRIGERATING DEVICE
James S. Erickson, Danville, Ill., assignor to Sugar Creek Creamery Company, Danville, Ill., a corporation of Delaware
Application May 6, 1944, Serial No. 534,486
8 Claims. (Cl. 62—141)

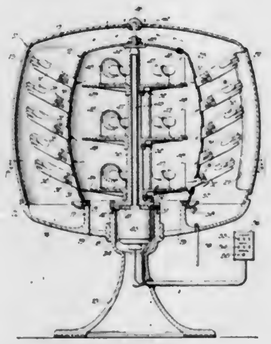
1. A cream cooler of the class described, comprising a cooling unit adapted to be immersed in cream contained in a conventional cream can, means for vertically adjustably supporting said cooling unit to thereby facilitate lowering of the unit into a can of cream positioned thereunder, means for supplying refrigerant to said cooling unit, a scraper adapted to be moved over the

cooling surface of said cooling unit to prevent accumulation of chilled and more or less con-



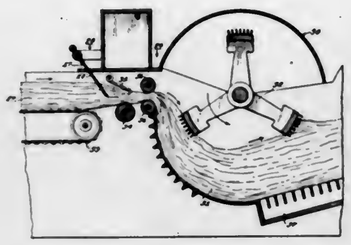
gealed cream on said surface, and means for actuating said scraper.

2,440,398
SURGICAL GLOVE DRYING APPARATUS
Ivy D. Fenwick, Brooklyn, N. Y.
Application August 16, 1944, Serial No. 549,667
11 Claims. (Cl. 34—105)



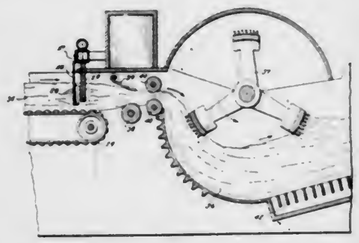
1. In an apparatus of the character described, an outer stationary casing, an inner rotary casing within the outer casing and defining therewith an air chamber extending entirely around the side and top of the inner casing, means for rotatably supporting and driving said inner casing, said outer casing having atmospheric air inlets communicating with the interior of the inner casing at the bottom thereof, said outer casing having air vents in the top thereof, means arranged within said inner casing to draw atmospheric air into the inner casing through said inlets and promote circulation of the air, and means on the inner casing communicating with the interior thereof and projecting into said chamber to receive air from the inner casing and let it flow into said chamber for the purpose of drying articles arranged on said last means, said outer casing having means of access to the interior thereof.

2,440,399
MEANS FOR CONDITIONING TEXTILE FIBERS
Arthur G. Hill, Greenville, S. C.
Application August 18, 1944, Serial No. 550,082
2 Claims. (Cl. 19—66)



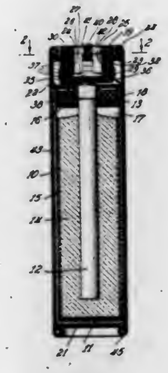
1. In appparatus for treating textile fibers, a beater, means for conveying a relatively thick lap of the textile fibers to said beater, at least one applicator for applying liquid to the moving lap of fibers, said applicator being located above said conveyor means and at a position ahead of said beater, said applicator extending at an angle well down into the relatively thick lap of fibers so that it effects wiping contact with the inner fibers of the lap for applying treating liquid thereto and before the lap enters said beater.

2,440,400
MEANS FOR CONDITIONING TEXTILE FIBERS
Arthur G. Hill, Greenville, S. C.
Application October 1, 1945, Serial No. 619,617
4 Claims. (Cl. 19—66)



1. A system for applying a conditioning liquid to textile fibers comprising, in combination with textile processing equipment, such as pickers or beaters, in which the textile fibers are disposed in a moving lap of substantial thickness, a plurality of applicator members arranged in said textile equipment for applying the conditioning liquid to the moving lap, said applicator members comprising a parting element positioned to extend well into the inner portion of a moving lap disposed in said textile equipment and adapted to part said moving lap transversely with respect to its thickness, and a depositing element positioned beyond said parting element with respect to the path of travel of said moving lap and adapted to extend into the part formed in said moving lap by said parting element and direct a deposit of conditioning liquid interiorly of said moving lap at the point of parting.

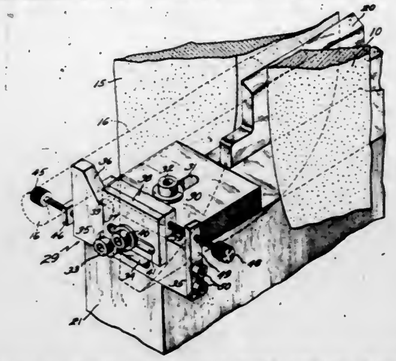
2,440,401
DRY BATTERY FOR HEARING AIDS
Dan W. Hirtle, Freeport, Ill., assignor to Burgess Battery Company, Freeport, Ill., a corporation of Delaware
Application June 15, 1945, Serial No. 599,726
6 Claims. (Cl. 136—107)



6. A battery comprising a cylindrical dry cell having a pair of electrodes exposed at the top thereof, a pair of socket terminals at the top of said cell and respectively connected to said electrodes, a terminal-supporting element of non-conductive material having a periphery substantially coincident with the cylindrical surface of said cell extended, said supporting element having a flat margin at the periphery thereof, means for supporting said terminal supporting element at the top of said cell in spaced relation thereto, a bottom member at the bottom of said cell and having a flat margin at the periphery thereof, a tubular member of non-conductive material laterally enclosing said cell and extending beyond said supporting element at the top of said cell and beyond said bottom member at the bottom of said cell, the end portions of said tubular member being turned inwardly and backwardly to form flanges, said flanges resting in pressure engagement with the peripheral margins of said supporting member and said bottom member respectively, and a disc of non-conductive material mounted upon the top of said supporting member above said terminals within the space encircled by the flange of said tubular element, the top surface of said disc being substantially coplanar with the top of the surrounding flange, said disc having apertures therein for access to said terminals.

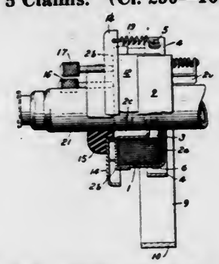
2,440,402
OUTBOARD WORK WHIPPING INHIBITOR FOR CENTERLESS GRINDERS
William Horberg, Bridgeport, Conn.
Application April 17, 1946, Serial No. 662,851
11 Claims. (Cl. 51—103)

1. In a centerless grinding machine, the combination of, a power driven work regulating wheel flanking said grinding throat, a work rest underlying said grinding throat sloping downward toward said wheel, and a work whipping inhibitor comprising a motionless work guiding surface in outboard relation to said grinding throat having



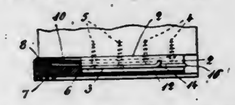
a steeper slope than said work rest in a corresponding direction.

2,440,403
FOCUS COIL SUSPENSION FOR CATHODE-RAY TUBES
Donald Jackson, Cambridge, England, assignor to Pye Limited, Cambridge, England, a British company
Application October 24, 1946, Serial No. 705,286
In Great Britain October 31, 1945
5 Claims. (Cl. 250—161)



1. Device for suspending the focus coil of a cathode ray tube comprising pivot means for swinging the coil about an axis inclined at an acute angle to the horizontal, and pivot means for swinging the coil about an axis at right angles to said first axis.

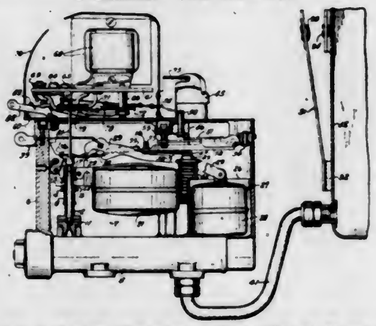
2,440,404
SHOE HEEL WITH EXCHANGEABLE HEELPIECE
Gustaf Einar Johansson, Stockholm, Sweden, assignor to Robur Heel Company Aktiebolag, Stockholm, Sweden, a company of Sweden
Application January 29, 1945, Serial No. 575,012
In Sweden August 11, 1944
Section 1, Public Law 690, August 8, 1946
Patent expires November 16, 1959
4 Claims. (Cl. 36—36)



1. In a heel construction, in combination a rigid heel part having a flat bottom surface; a guide bar fixed longitudinally to said rigid heel

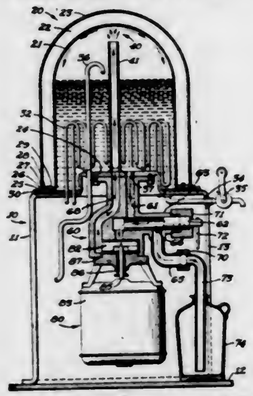
part extending from a point spaced from the rear edge of said rigid heel part to a point near the inner edge thereof; a locking plate having its inner end fixed to said guide bar and being wider and longer than the same so as to have two lateral edge portions and an outer end portion projecting over the corresponding edges of said guide bar; inwardly extending locking projections arranged in said lateral edge portions of said locking plate spaced from said outer end portion of the same; a flat detachable heel part having an outline corresponding substantially to the outline of said rigid heel part and provided with an elevated abutment along its outer edges for contacting the flat lower surface of said rigid heel part; a concave inner surface on said rubber heel part arranged so that it is normally spaced from said rigid heel part providing free play between said rubber heel part and said rigid heel part when subjected to treading pressure; a concave cavity in said rubber heel part arranged parallel to said concave inner surface of said rubber heel part and shaped so that the distance of its bottom from said concave inner surface of said rubber heel part is smaller than the height of said guide bar; a resilient metallic concave reinforcing plate entirely enclosed in said concave cavity substantially parallel to said concave inner surface of said rubber heel part; a longitudinal recess in said resilient metallic concave reinforcing plate corresponding in width and length substantially to said guide bar; opposed notches along the longitudinal edges of said recess near the outer end thereof corresponding to said inwardly extending locking projections of said locking plate so that the same are adapted to enter said notches and hold said flat detachable rubber heel part in proper position; a longitudinal slot in said flat detachable rubber heel part between said inner surface and said concave cavity in the same corresponding in width substantially to said guide bar; and an additional longitudinal cavity in said rubber heel part extending under said concave cavity from a point spaced from the rear edge of said flat detachable rubber heel part to the inner edge thereof and corresponding in width substantially to said locking plate but being deeper than the thickness of the same so as to leave under said locking plate a free space providing for play between said locking plate and the bottom of said additional longitudinal cavity.

2,440,405
COMBUSTION RESPONSIVE FUEL CONTROL
Roy W. Johnson, Milwaukee, Wis.
Application August 31, 1944, Serial No. 552,168
5 Claims. (Cl. 158—28)



1. In a device for controlling the flow of fuel to a burner, an inlet valve controlling the supply of fuel and biased toward open position, a bimetallic element movable into position to close the valve, an electric heating element for supplying heat to warp the bimetallic element away from valve-closing position, a plurality of circuits for supplying electric current to the heating element, a manually operable switch closing one of the circuits to the heating element, the bimetallic element engaging and retaining the manually operable switch in closed position for a predetermined time after energization of the heating element, and a thermally responsive switch for closing another of said circuits to the heating element to hold the bimetallic element out of valve-closing position after opening of the manually operable switch, the thermally responsive switch closing on combustion and opening upon non-combustion of fuel in the burner.

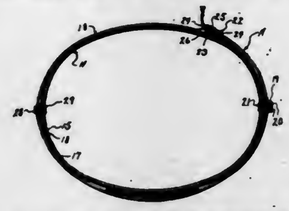
2,440,406
FRUIT JUICE DISPENSER
Thomas M. Kerr, Los Angeles, Calif.
Application November 6, 1944, Serial No. 562,084
8 Claims. (Cl. 225—21)



1. A fruit juice dispenser comprising: a transparent container for the juice; a faucet for dispensing juice from the bottom of said container, a fountain conduit having its outlet in the upper portion of said container; a circulating outlet in the bottom portion of said container; a housing secured to the bottom of said container having a passage communicating with said conduit and a passage communicating with said outlet, said housing having a valve chamber and a filling inlet communicating therewith a concealed pump for continuously withdawing part of the fruit juice through said circulating bottom outlet and for forcing it through said conduit into the top portion of said container to form a display fountain; and a tubular valve in said chamber for controlling the flow of juice from said circulating bottom outlet to said pump at one time and from said filling inlet to said pump at another time, said pump being removable from said housing without interfering with the dispensing function of said container, when said valve is in neutral position.

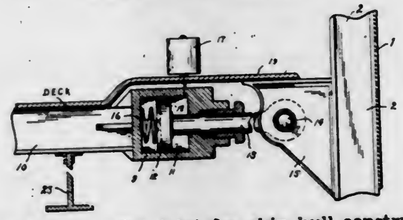
2,440,407
ADJUSTABLE HATBAND
Ernst K. Kuenstner, Milwaukee, Wis.
Application September 25, 1946, Serial No. 699,116
2 Claims. (Cl. 2—179)

2. The combination with the crown and brim of a hat, of a means adjusting the crown to the size of the head of a wearer including a band on said crown in close proximity to the brim, means securing one end of the band to the crown against movement, said band being brought around the



crown and over the point of fastening of said end, a slide buckle mounted on an intermediate portion of the band for movement around the band, and means securing the opposite end of the band to the slide buckle for movement therewith.

2,440,408
SHIP HULL CONSTRUCTION
Arthur H. Lackie, Duluth, Minn.
Application August 4, 1944, Serial No. 548,051
1 Claim. (Cl. 114—79)



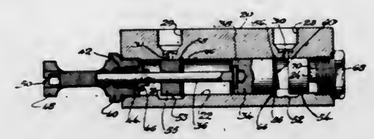
In an expansive joint for ship hull construction having side frames and thwartship internal girders; an inwardly projecting flat topped bracket fixed to one of said side frames carrying a piston rod pivotally mounted on said bracket, an elongated flat extension member fixed adjacent the end of one of said girders with its free end resting upon the flat surface of said bracket, a cylinder fixed to the end of said girder carrying a piston therewithin cooperatively engaged with said piston rod, and a fluid supply for said cylinder.

2,440,409
BRACKET MOUNTING
Herbert G. Lehmann, Bridgeport, Conn.
Application December 2, 1941, Serial No. 421,293
5 Claims. (Cl. 248—226)



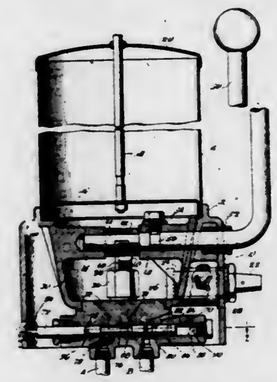
1. A bracket to be clamped to a supporting surface by a screw or bolt having a head of predetermined radius comprising a face plate having an aperture therein provided with a countersink and having a depending skirt of uneven width for engaging, and positioning said bracket on, the supporting surface with the face plate in angular relation thereto, the surface of the countersink being spherical and having a radius of curvature greater than the radius of the head of the said screw or bolt to provide a bearing surface for the head when the screw or bolt is normal to the supporting surface.

2,440,410
LUBRICATING APPARATUS
John T. Leonard, Evanston, Ill.
Application August 12, 1944, Serial No. 549,223
9 Claims. (Cl. 184—7)



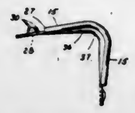
1. A lubricant measuring valve comprising, a valve body having a bore extending therethrough, said bore having a bypass at each end thereof, a cylindrical valve at each end of said bore and operable to cut off its adjacent bypass when in one position and to uncover said bypass when in another position, resilient means associated with each of said valves for moving it to bypass cut-off position, a piston reciprocable in said bore between said valves, means for supplying lubricant under pressure alternately to the opposite ends of said bore, and discharge ports near the ends of said bore positioned to be covered respectively by said valves when the latter are in positions in which they are not in bypass cut-off position.

2,440,411
DOUBLE-ACTING PUMP
John T. Leonard, Evanston, Ill.
Application February 15, 1946, Serial No. 647,769
8 Claims. (Cl. 184—28)



1. In a pump of the class described, a hollow base casting which includes an upwardly open sump, a block fitted into and forming a portion of the bottom wall of said sump, said block having a vertical bore threaded at its upper end, a pump cylinder having its lower end portion fitted into said bore and having a threaded portion engaging said upper end portion of the bore, said block having a horizontal bore and a transverse bore connecting said vertical and horizontal bores, said block having also a pair of outlet ports which intersect said horizontal bore, a slide valve member movable in said horizontal bore to connect the outlet bores alternatively with said transverse bore, and a piston reciprocable in said cylinder.

2,440,412
HEEL BRACE
Frank A. Melchionna, Cincinnati, Ohio
Application April 20, 1946, Serial No. 663,675
2 Claims. (Cl. 36—76)



2. A mild steel heel repair bracket comprising a pair of integral, angularly related leaves, and an integral raised reenforcing rib disposed longitudinally of said leaves and terminating at its opposite ends a distance from the free ends of said leaves, one of said leaves constituting a depending leaf having countersunk fastener receiving holes at its end and on opposite sides of said rib, the other of said leaves constituting an upper leaf having near its opposite edges and at a distance from the end of the leaf a pair of countersunk fastener receiving perforations surrounded, on the face opposite the countersinks, by pointed prongs integral with the leaf, the side edges of the bracket being folded over to provide straight edges along said leaves and providing marginal folded reenforcing margins, which are substantially coextensive in length with said rib and on the body face opposite the rib, said margins being notched along the edges, said leaves having bosses struck from said body into the notches and perforated for the reception of fastening members.

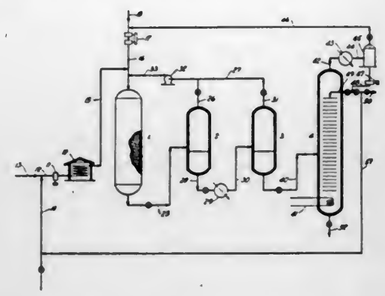
2,440,413
BRAID-STITCH CROCHET HOOK
Clara Leota Mock, Hamilton, Kans.
Application March 18, 1947, Serial No. 735,473
1 Claim. (Cl. 66—118)



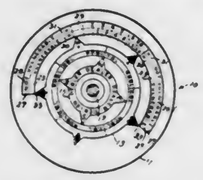
As a new article of manufacture, a braid-stitch crochet hook comprising a handle having an under face, a comparatively flat portion extending from one end of said handle, an elongated outwardly bulged portion extending from the outer end of said flat portion, said outwardly bulged portion provided with a flat bottom throughout its entire length, said flat bottom being formed in the same plane with the under face of said handle, and said outwardly bulged portion being provided with a comparatively long or enlarged hook on its outer end with a deep throat formed in said hook, substantially as shown and described.

2,440,414
PRODUCTION OF CYCLOHEXANE
Alex G. Oblad, Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Application December 3, 1945, Serial No. 632,546
4 Claims. (Cl. 260—667)

1. The process for the manufacture of cyclohexane which comprises the steps of (1) reacting a hydrocarbon stream containing benzene and methylcyclopentane with hydrogen to convert a major portion of said benzene to cyclohexane, (2) fractionating the product stream of step 1 to obtain a stream consisting of an azeotrope of methylcyclopentane with benzene and a substantially benzene-free stream containing cyclohexane, (3) recycling the stream of methylcyclopentane-benzene azeotrope of step 2 to step 1, and (4) recovering the cyclohexane substantially free from benzene.



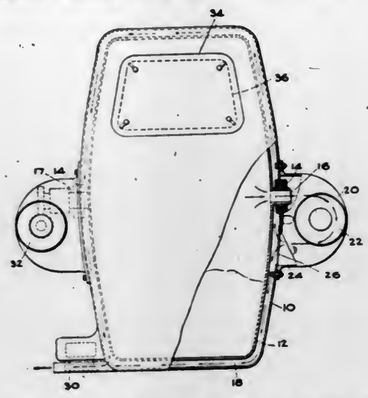
2,440,415
GAME POINTER AND SCORER
Edward W. Piper, Woodbrook, Md.
Application April 10, 1947, Serial No. 740,594
7 Claims. (Cl. 235—88)



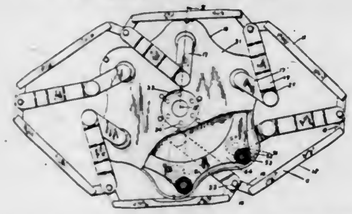
1. In a bridge-playing accessory, a base disc, a five-pointed disc rotatably mounted on said base disc, and a four-pointed disc rotatably mounted over said five-pointed disc, each of said discs having sectional markings, whereby the points on the five-pointed disc, representing the five suits, cooperate with the sectorial markings on said base disc to indicate the bid whether the bidder is vulnerable or not, and the points on the four-pointed disc, representing the four players, cooperate with the sectorial markings on said five-pointed disc to indicate the dealer whether the bidder was doubled, redoubled or not-doubled.

2,440,416
VACUUM ROTARY DRUM DRIER HAVING MEANS TO COMPRESS EVACUATED VAPORS
Charles B. Proudfoot, Oak Ridge, Tenn., assignor of one-fourth to Alvan A. Proudfoot, Buffalo, N. Y.
Application March 3, 1945, Serial No. 580,851
2 Claims. (Cl. 34—86)

1. A laundry drier comprising an airtight outer casing and an airtight inner casing disposed within the outer casing, means mounting said inner casing for movement to cause agitation of a load of laundry therein, said casings having laundry loading ports at registering positions and airtight closures for said ports, the space within said outer casing exteriorly of said inner casing defining a vapor space, a pump having its intake port in open communication with said vapor space and arranged to discharge into the atmosphere exteriorly of said outer casing, and a second pump having its intake port in open communication with the interior of said inner casing and arranged to discharge into said vapor space.



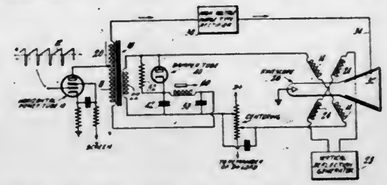
2,440,417
TRACK WHEEL FOR VEHICLES
Otto Singer, London, England
Application February 25, 1947, Serial No. 730,698
In Great Britain March 16, 1946
5 Claims. (Cl. 305—6)



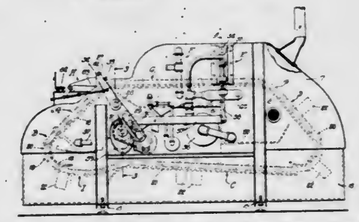
1. A track wheel comprising a hub member, a plurality of track sections jointed together and constituting an endless track, a plurality of crank shafts disposed in spaced relation around the axis of said hub member, outer cranks on said crank shafts displaced in their relative angular positions successively around said hub member, links extending from points adjacent the joints between said track sections to said outer cranks, and means for causing said crank shafts to rotate synchronously in one direction of rotation as said hub member rotates in the opposite direction, comprising inner cranks on said crank shafts so disposed as normally to extend parallel to one another, and means inter-connecting said inner cranks adapted to cause them to maintain said parallel relation.

2,440,418
CATHODE-RAY BEAM DEFLECTING CIRCUIT
Simeon I. Tourshou, Philadelphia, Pa., assignor to Radio Corporation of America, a corporation of Delaware
Application March 9, 1946, Serial No. 653,261
13 Claims. (Cl. 315—27)

1. In a television system in which a power output tube is adapted to deliver cyclically varying current through a coupling transformer to the electromagnetic beam deflection means associated with a cathode ray tube wherein an electron beam is developed and then deflected by the passage of said current through said deflection means so as to scan a target area, and in which means, including a diode, are provided in shunt with said coupling transformer for damping out oscillations which would normally be produced during a portion of each current cycle in part by the inductance of said coupling transformer and said deflection means, the combination of means for deriving a cyclically varying voltage from the cyclically varying current delivered by said power output tube, means for delaying the phase of the said cyclically varying voltage, and means for applying said phase-delayed voltage to the cathode of said diode.

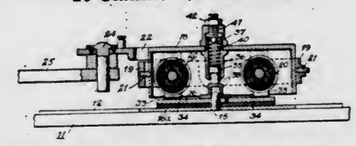


2,440,419
WASHING APPARATUS FOR BOTTLE WASHERS
Carl L. Trier, Baltimore, Md., and Jesse W. Fogg, Barrington, Ill., assignors to Cherry-Burrell Corporation, Wilmington, Del., a corporation
Original application May 6, 1937, Serial No. 141,084, now Patent No. 2,367,652, dated January 16, 1945. Divided and this application April 25, 1940, Serial No. 331,588
5 Claims. (Cl. 134—48)



1. In a device of the character described, the combination with a bottle propelling conveyor having a bottle support adapted to grip a bottle and maintain it in securely fixed position relative to said support and a spray discharge means provided with a valve, a means in the path of a bottle propelled by said conveyor and connected with said valve and adapted to be actuated by the bottle in a valve opening direction.

2,440,420
CONTROL MECHANISM FOR SOUND REPRODUCING
Fred Van Eps, Plainfield, N. J.
Application February 22, 1944, Serial No. 523,384
10 Claims. (Cl. 274—1)



1. Control mechanism for the operation of apparatus for reproducing sound from sound rec-

ords, comprising a rotatable turntable, a record supported and rotated thereby, electro-magnetically controlled means for arresting the rotation of said record without stopping the rotation of said turntable, said means comprising a disc of magnetic material concentric with said record and having a driving connection with the top surface thereof and normally rotating therewith and stationary electro-magnetic means supported on said disc for arresting the rotation of said disc and said record upon the energization of said electro-magnetic means.

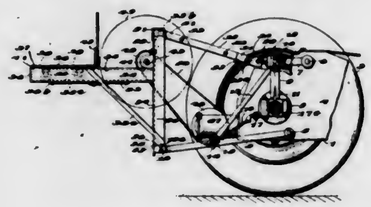
2,440,421
METALLATION OF CYANO ACETIC ACID COMPOUNDS
Vernon H. Wallingford, Ferguson, and August H. Homeyer, Webster Groves, Mo., assignors to Mallinckrodt Chemical Works, St. Louis, Mo., a corporation of Missouri
No Drawing. Application October 29, 1945, Serial No. 625,450
9 Claims. (Cl. 260—464)

1. The method of metallating an α-cyano ester of the following structure:

$$R\cdot CH(CN)\cdot CO_2X$$

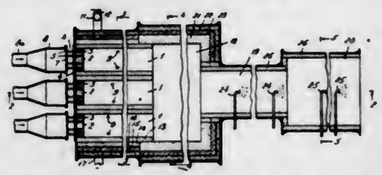
where R is selected from the group consisting of hydrogen, aromatic hydrocarbon radicals, and saturated aliphatic hydrocarbon radicals, and X is an alkyl radical, which comprises reacting the ester with an anhydrous alcoholate of a metal selected from the group consisting of sodium, potassium and magnesium in a reaction medium consisting essentially of a dialkyl carbonate.

2,440,422
TRACTOR-MOUNTED BUZZ-SAW RIGGING
John Leonard Westmoreland, Canton, N. C.
Application June 27, 1944, Serial No. 542,331
2 Claims. (Cl. 143—43)



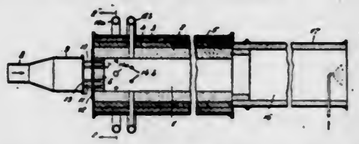
1. In combination with a tractor of the type having a rear housing and hydraulic responsive rotative arms above said housing, a pair of links having one end thereof connected to said housing, connecting means extending between said arms and intermediate the ends of said links, means extending between said arms and housing to prevent rotation of said arms in one direction, a draw bar joining the free extremities of said links, means having one end secured to said tractor above said link-housing connection, a vertically disposed frame removably supported by said draw bar, pivot means connecting said first named means and frame, a driven shaft secured to said frame and having a saw associated with one extremity thereof, spaced horizontal guides outstanding from said frame, and carriage means associated with said guides and arranged for movement toward and away from said shaft.

2,440,423
APPARATUS FOR MANUFACTURE OF CARBON BLACK
William B. Wiegand, Old Greenwich, Conn., and Harold A. Braendle, Garden City, N. Y., assignors to Columbian Carbon Company, New York, N. Y., a corporation of Delaware
Application May 4, 1944, Serial No. 534,089
4 Claims. (Cl. 23—259.5)



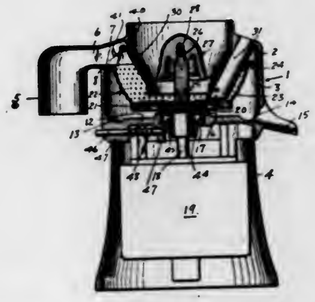
1. Apparatus for the production of carbon black comprising a plurality of elongated, unobstructed heat-insulated reaction chambers of substantially uniform transverse area, each provided with a blast burner positioned in one end thereof and comprising a burner block substantially coextensive with the transverse area of the chamber, said burner block comprising a plurality of burner ports arranged in a uniform pattern over the entire face of the burner block, the blast burner being so constructed and arranged as to project into said chamber a plurality of blast flames in a direction generally parallel to the longitudinal axis of said chamber, connections adapted to convey air and fuel gas under pressure to the burner, a plurality of tubes leading into each chamber and terminating in a zone thereof toward its burner end, the inner ends of the respective tubes being spaced a substantial distance from the burner block and being directed across the chamber substantially transversely of the longitudinal axis thereof and toward an opposite wall thereof, connections adapted to supply a gaseous medium under pressure to said tubes, a heat-insulated blending chamber of enlarged cross-sectional area communicating with the end of each reaction chamber opposite the burner, an elongated substantially uninsulated chamber of reduced cross-sectional area leading from said blending chamber and liquid spray nozzles longitudinally spaced along the last mentioned chamber.

2,440,424
MANUFACTURE OF CARBON BLACK
William B. Wiegand, Old Greenwich, Conn., and Harold A. Braendle, Garden City, N. Y., assignors to Columbian Carbon Company, New York, N. Y., a corporation of Delaware
Application May 4, 1944, Serial No. 534,090
5 Claims. (Cl. 23—209.8)



1. In the process for producing carbon black which comprises the injecting into and burning within an elongated, uncooled and unobstructed reaction chamber of substantially uniform and relatively small cross-sectional area, a mixture of a combustible fuel gas and an oxygen-containing gas at such a rate as to produce a violently turbulent flow of gas and blast flame having a temperature sufficiently high to thermally decompose hydrocarbons, forcefully injecting into said blast flame gases while passing through said reaction chamber, and at a point removed from the point of introduction of said gas mixture, hydrocarbon make gas to be decomposed in such quantity that a hot mixture of the flame gases and the make gas is produced at a temperature at which the make gas is largely decomposed to form finely divided carbon, effecting thereby substantially instantaneous and complete mixing of the make gas with the flame gases, continuing the flow of the gas mixture through the elongated reaction chamber at high temperature and high turbulence whereby the make gas is decomposed by the heat of the flame gases within the reaction chamber and during the period of maintained turbulence, passing the mixture of gases and carbon from the reaction chamber and collecting the carbon, the steps of so proportioning the fuel gas, the oxygen-containing gas and the said hydrocarbon make gas that the oxygen present in the combustible mixture is substantially in excess of that required for complete combustion of the fuel gas and that said hydrocarbon make gas is injected in an amount substantially in excess of that required to consume the excess oxygen present in the blast flame gases, and injecting the said hydrocarbon make gas into a zone of active combustion of the blast flame.

2,440,425
FRUIT AND VEGETABLE JUICE EXTRACTOR
Joseph B. Williams, San Francisco, Calif.
Application September 23, 1944, Serial No. 555,515
2 Claims. (Cl. 146—3)



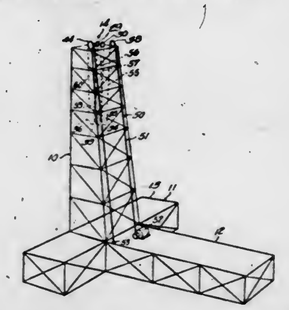
1. In a juicer having a vertical, cylindrical sided housing and a rotary shaft coaxial therewith, a fruit reamer secured to the upper end of said shaft and a basket concentric with said reamer secured to said shaft below the reamer for receiving fruit pulp and juice reamed by said reamer, a top on said housing having a central opening for access to said reamer for reaming said pulp and juice therefrom, a depending cylindrical flange on said top extending from the edges of said opening into said basket and terminating at a point above the bottom of said basket, an open ended conduit for vegetables extending downwardly through the wall of said housing and into said basket to a point slightly spaced above said bottom eccentric to the central axis of the basket, projections on said bottom for grating vegetables fed through said conduit, and means for rotating said shaft whereby said reamer and said bottom will be rotated for simultaneously reaming fruit and grating vegetables if so desired.

2,440,426
BRASSIÈRE
Miriam Cooper Barlow, Columbus, Ga., and Everett Wayne Barlow, Sarasota, Fla.
Application November 29, 1946, Serial No. 712,900
4 Claims. (Cl. 2—42)



3. In a strapless brassière, bust-covering means including an integral framework of resilient material, the frontal part of said framework being composed of an upper portion shaped in breast conforming loops resting against the body above the breasts and a lower portion disposed on the body substantially directly below the breasts and extending laterally toward opposite sides of the body; said framework having means to apply supporting pressure against the back of the wearer consisting of integrally formed extensions of said upper and lower frontal portions, said extensions passing substantially laterally around the sides of the body beneath the armpits and in an upward direction to terminate at separated points inside and between the shoulder blades of the wearer, said extensions providing the sole supporting means for the framework; and a fabric cover for the breasts supported between said upper and lower frontal framework portions.

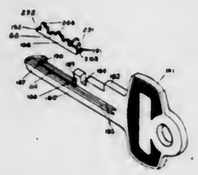
2,440,427
CROWN BLOCK ASSEMBLY
Emil A. Bender, Bakersfield, Calif.
Application January 12, 1945, Serial No. 572,510
8 Claims. (Cl. 254—145)



8. In combination with a derrick having a front side and a back side, a base extending horizontally therefrom, a traveling block arranged within the derrick and having a plurality of sheaves, and an operating line for said traveling block, a crown block assembly comprising a plurality of parallel sheaves supported on the top of the derrick in planes parallel to the front side and back side of the derrick and from which said line is adapted to pass directly to certain sheaves of the traveling block, a "dead line" sheave and a "live line" sheave supported on the top of said derrick parallel to each other and perpendicular to said plurality of sheaves, said "dead line" and "live line" sheaves having their back side extremities extending beyond the back side of the derrick and their front side extremities arranged for the passage of said line thereover and downwardly to certain of said traveling block sheaves to be reeved therearound, the "dead line" end of said operating line being fixed to the derrick base.

and a drum for winding and unwinding the "live line" end of said line, the "live line" and "dead line" ends of said operating line being arranged at approximately equal angles to a vertical plane passing through the axis of the derrick from the front side to the back side thereof.

2,440,428
KEY BIT
Frank Ellison Best, Indianapolis, Ind.
Original application January 8, 1942, Serial No. 425,952. Divided and this application January 15, 1945, Serial No. 572,901
12 Claims. (Cl. 70—409)



1. In a separable key bit consisting of a substantially rectangular block adapted to be releasably attached to a key blade in the formation of a multiple-element key, the combination of elements comprising an anvil side adapted to fit a flat surface, a bottom edge, adjacent said anvil side, that is substantially straight throughout the length of said block, and a groove in said bottom edge adapted to cooperate with key means adapted to fit thereinto to detachably retain said key bit in said key.

2,440,429
KEY
Frank Ellison Best, Indianapolis, Ind.
Original application January 8, 1942, Serial No. 425,952. Divided and this application January 15, 1945, Serial No. 572,902
29 Claims. (Cl. 70—395)



1. In a key blade, the combination of elements comprising a recess adapted to receive a latch bolt and a latch spring, a latch bolt and a latch spring in said recess and lugs in said key blade adapted to cooperate with said latch bolt and said latch spring to releasably lock a detachable key bit to said blade.

2,440,430
LOCK-THROW MECHANISM
Frank Ellison Best, Indianapolis, Ind.
Original application January 8, 1942, Serial No. 425,952. Divided and this application January 15, 1945, Serial No. 572,903
12 Claims. (Cl. 70—379)

1. In a lock, two lock throw members, and lost motion means interconnecting said two lock throw members providing lost motion therebe-



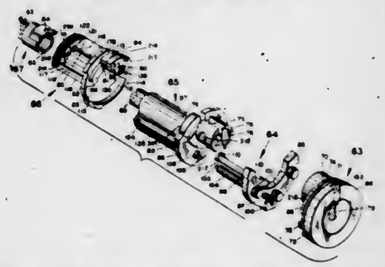
tween at the beginning and end of a period of lock operation.

2,440,431
LOCK TUMBLER
Frank Ellison Best, Indianapolis, Ind.
Original application January 8, 1942, Serial No. 425,952. Divided and this application January 15, 1945, Serial No. 572,904
10 Claims. (Cl. 70—376)



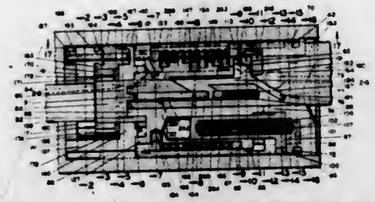
1. A lock tumbler comprising a flat ring having inwardly extending, key-bit-engaging steps and an inwardly extending portion adapted to have combination notches cut therein.

2,440,432
LOCK CORE
Frank Ellison Best, Indianapolis, Ind.
Original application January 8, 1942, Serial No. 425,952. Divided and this application January 15, 1945, Serial No. 572,905
25 Claims. (Cl. 70—375)



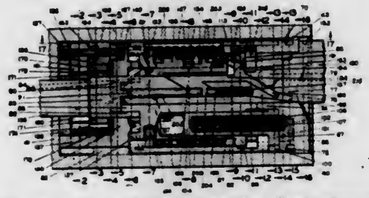
1. In a lock core, consisting of a key-operable primary lock mechanism adapted to complement a secondary lock mechanism, the combination of elements comprising a face member, an inner body member and a throw member, integrally joined to form a core frame, a keyway in said core frame, said core frame having a portion adapted to receive a number of ring tumblers and means adapted to releasably retain said ring tumblers thereon, said ring tumblers being adapted to cooperate with key means in said keyway to control operation of said primary lock mechanism.

2,440,433
UNPICKABLE LOCK
Frank Ellison Best, Indianapolis, Ind.
Original application January 8, 1942, Serial No. 425,952. Divided and this application January 15, 1945, Serial No. 572,906
51 Claims. (Cl. 70—366)



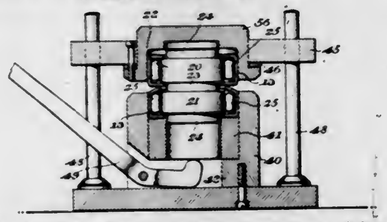
1. An unpickable lock comprising a lock and a key, said lock having tumbler means, and combination means carried by said tumblers, said lock having combination-shielding means adapted to render said combination means unreachable by a picking instrument while the lock is locked, and said lock having tumber-shielding means adapted to render said tumbler means unreachable by a picking instrument during any unlocking trial thereof.

2,440,434
SYSTEM OF LOCKS
Frank Ellison Best, Indianapolis, Ind.
Original application January 8, 1942, Serial No. 425,952. Divided and this application January 15, 1945, Serial No. 572,907
19 Claims. (Cl. 70—369)



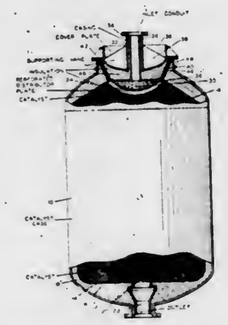
1. In a lock, a housing and a key-removable core in said housing, means in said lock limiting the rotary movement of said core, for lock unlocking purposes, to a prescribed angle and permitting and requiring a greater angular movement in the same direction for removing the core from the housing.

2,440,435
DOUBLE ROW ANTIFRICTION BEARING
Edmund K. Brown, Torrington, Conn., assignor to The Torrington Company, Torrington, Conn., a corporation of Connecticut
Application September 6, 1945, Serial No. 614,669
3 Claims. (Cl. 308—213)



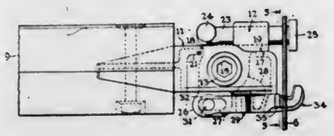
1. A roller bearing structure comprising an inner race member having race surfaces each terminated at its ends by an inward shoulder, the proximate shoulders being spaced, a set of rolls on each said surface; and two outer race members each surrounding one of said sets of rolls, each outer race member having an integral flange extending inwardly for engaging the corresponding proximate shoulder and thereby preventing separation of the race members.

2,440,436
CATALYST CHAMBER CLOSURE
William Hunt Creel, Bartlesville, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware
Application January 24, 1946, Serial No. 643,120
3 Claims. (Cl. 23—288)



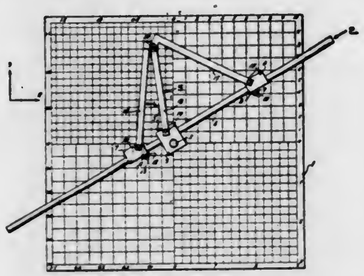
3. In combination, a catalyst chamber comprising an inner shell and an outer shell, heat-insulating material in the space between said shells, a frustro-conical shaped ring connecting said inner and outer shells and forming a circular opening in said chamber; a plug-inlet structure adapted to seat in said opening comprising a frustro-conical annular shell corresponding to said opening, a convex perforated inlet plate closing the inner end of said shell, a convex outer casing with a substantially cylindrical skirt of diameter intermediate the minimum and maximum diameters of said shell and attached to the outer edge of said shell, an outer tube fitting into a central opening in said casing, an inner tube within said outer tube fastened thereto along the free edge thereof, a circular plate connecting the edge of the inner end of said inner tube with the outer edge of said convex perforated inlet plate forming a space between the two said plates continuous with the interior of said inner tube, heat-insulating material filling the void between said shell, casing, outer tube, inner tube and circular plate, radial supporting vanes attached to said outer tube and said outer casing, a flange attached to and around said outer casing and said frustro-conical shell; means on the outer shell of said catalyst chamber around the opening therein adapted to cooperate with said flange to hold said plug-inlet structure in place; a body of catalyst within said catalyst chamber extending substantially into contact with said convex perforated inlet plate; the whole being arranged so that fluid introduced through said inner tube passes therefrom through said space between said plates and through said perforated plate immediately into contact with said catalyst.

2,440,437
CROSSBAR SUPPORT FOR VEHICLES
Frank Fahland, Omaha, Nebr.
Application January 7, 1947, Serial No. 720,551
6 Claims. (Cl. 105—369)



1. A locking unit for connecting a beam releasably with an apertured support, comprising, in combination with the beam, a hook member having a curved end adapted to enter an aperture in said support as the hook member is swung about an axis transverse to the beam; a pin-and-slot connection between the hook and a lateral portion of the beam, arranged to guide said hook in such swinging motion and into contact with said lateral portion at the limit of such swinging motion, the pin-and-slot connection being so arranged that, at least when the hook is in contact with the beam, the hook may move in the direction of the length of the beam through a range defined by said connection; means having thrust surfaces substantially parallel with the imaginary plane described by the longitudinal axis of the hook as the hook swings, and arranged to interengage when the hook is in contact with the beam and inhibit lateral motion of the hook relatively to the beam in directions transverse to said imaginary plane without resisting longitudinal movement of the hook; and a bolt projectible endwise from the end of the beam into another aperture in said support.

2,440,438
CALCULATING DEVICE
Frederick W. Frink, East Orange, N. J.
Application February 5, 1947, Serial No. 726,526
19 Claims. (Cl. 235—61)



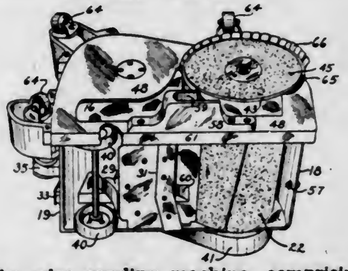
1. In combination, a flat base, means for pointing out the location of a selected point on said base, means for pointing out the location of another point on said base, means connected to the first mentioned means for limiting the location of the second mentioned means to a straight line that passes through the first mentioned means and a fixed point on said base, and means connected to the first mentioned means for further limiting the location of the second mentioned means to a distance from said fixed point which is inversely proportional to the distance of the first mentioned means from said fixed point.

2,440,439
PERMANENT MAGNET ELECTRODYNAMIC TRANSDUCER
Webster E. Gilman, Maywood, Ill., assignor to Permoflux Corporation, Chicago, Ill., a corporation of Illinois
Application July 4, 1942, Serial No. 449,767
2 Claims. (Cl. 179—115.5)



1. In a speaker adapted for use in a headset, means forming a magnetic circuit including inner and outer annular pole pieces concentrically located and spaced to provide an annular magnetic gap therebetween, a diaphragm mounted on said outer pole piece and having a voice coil structure carried thereon and extending into said annular magnetic gap, said diaphragm being spaced from one face of said inner pole piece to define a sound chamber, means defining a back chamber on the side of said diaphragm opposite from said sound chamber, a permanent magnet forming part of said magnetic circuit and comprising a centrally bored hub having one end engaging said inner pole piece and having an annular skirt extending outwardly from the other end of the hub and then in an endwise direction in spaced relation to said hub and into contact with said outer pole piece, and a tubular fastening member extending through the bore of said hub and operatively engaged with said magnet and said inner pole piece to hold the same together, said tubular fastening member opening into said sound chamber to afford a passage through which sound may travel from said sound chamber.

2,440,440
EDGE SANDING MACHINE
Oscar E. Hadwiger, Pueblo, Colo.
Application April 29, 1946, Serial No. 665,805
2 Claims. (Cl. 51—177)



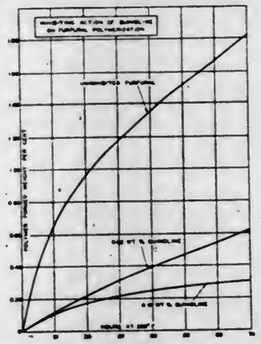
1. An edge sanding machine, comprising, in combination, a housing having spaced bottom and top walls and end walls, one side being open, a removable cover for the open side, means for attaching the cover to the housing to form a closed chamber, a shaft extending through the housing, mounted for rotation in the top and bottom walls, a cylindrical drum balance wheel carried by the shaft, within the housing, an electric motor positioned in the housing, a centrifugal fan positioned in the housing, the fan having inlet and outlet ports, means for rotating the shaft and the fan from the motor, a sanding disk secured to the lower end of the shaft, outside of the bottom wall, a flange encircling the disk, and a conduit communicating the intake port of the fan with the space between the sanding disk and the flange.

2,440,441
TOOL JOINT
James W. E. Hanes, Ventura, Calif., assignor to Ventura Tool Company, Ventura, Calif., a corporation of California
Application August 7, 1943, Serial No. 497,783
7 Claims. (Cl. 308—4)



1. In a composite tool joint, the combination of a cylindrical body, the outer surface of which is of reduced diameter, a wear sleeve mounted over the surface to bring the tool joint to full diameter, means for releasably securing the sleeve to the body, said latter means including threads formed on one of said members, and a fiber-like material carried by the other said member in which threads are adapted to be formed on threading the members together.

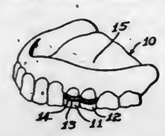
2,440,442
INHIBITING POLYMERIZATION OF FURFURAL
John C. Hillyer, Bartlesville, Okla., and Daniel A. Nicewander, Borger, Tex., assignors to Phillips Petroleum Company, a corporation of Delaware
Application March 26, 1945, Serial No. 584,984
14 Claims. (Cl. 260—347)



1. A method of inhibiting the polymerization of furfural which comprises incorporating therein a minor proportion of a compound selected from the group consisting of quinoline and its alkyl homologs.

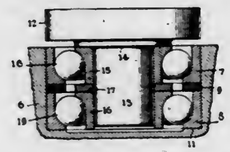
2,440,443
DENTAL CLASP
Gary M. Holden, Beverly Hills, Calif.
Application November 29, 1946, Serial No. 712,809
3 Claims. (Cl. 32—5)

3. A dental clasp of metal having a reentrant outer surface, and material having substantially the color of natural human teeth maintained in



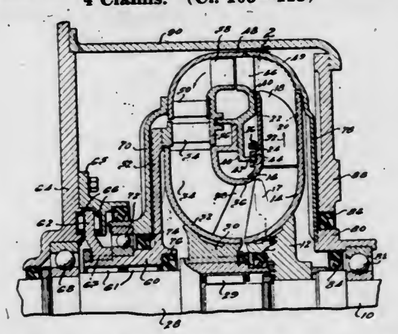
position on said metal by said reentrant surface.

2,440,444
ANTIFRICTION BEARING
Matthew W. Huber, Watertown, N. Y., assignor to The New York Air Brake Company, a corporation of New Jersey
Application May 6, 1946, Serial No. 667,664
5 Claims. (Cl. 308—230)



1. A bearing assembly comprising in combination a plurality of anti-friction radial-and-thrust bearing units, each unit comprising an inner race, an outer race and an interposed series of rolling load transmitting members; thrust imposing means in which the outer races of said bearings are laterally confined in stacked relation, and by which only an end race of the stack is sustained against axial thrust; thrust imposing means upon which the inner races of said bearings are assembled in stacked relation and by which only an end race of the stack is sustained against axial thrust; and elastic means interposed between proximate ends of the inner races and between the proximate ends of the outer races, the form and elastic modulus of said means being so chosen that under the maximum thrust loading for which the assembly is designed the thrust load is approximately equally divided between said bearing units.

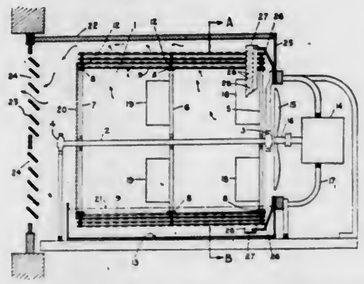
2,440,445
FLUID TRANSMISSION
Joseph Jandasek, Highland Park, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application January 31, 1944, Serial No. 520,423
4 Claims. (Cl. 103—115)



1. An impeller for a fluid transmission having spaced fluid energizing blades wherein alternately

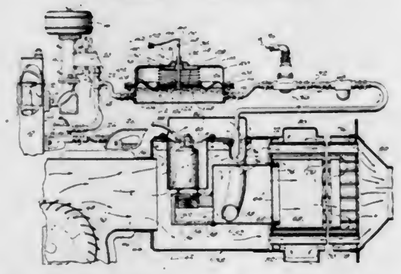
spaced blades are movable tangentially to the axis of rotation under the influence of centrifugal force, the remainder of the vanes being fixed.

2,440,446
APPARATUS FOR COOLING OR CONDITIONING AIR OR OTHER FLUIDS
Richard Joseph Kenny, Bhowra, British India
Application July 12, 1945, Serial No. 604,708
In British India July 31, 1944
3 Claims. (Cl. 261—92)



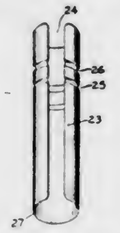
1. An apparatus for cooling or conditioning air or other fluid, comprising in combination a casing, a rotary drum within the casing, consisting of at least one perforated circumferential layer, forming an evaporating surface, a water tank below the drum for wetting the lower part of the said layer as the drum rotates, a fan facing one end of the drum for supplying a draught of air through the drum, vanes secured to the inside of the drum to rotate it when the draught of air from the fan passes therethrough, an air leakage check ring secured to the end of the drum facing the fan and blades provided on the said check ring which are so inclined to the axis of the drum that the air passing into the check ring will cause these blades to rotate the drum in the same direction as it is turned by the vanes secured to the inside of the drum.

2,440,447
INTERNAL-COMBUSTION HEATER WITH EXPANSIBLE FUEL RESERVOIR
Henry J. De N. McCollum, Chicago, Ill.; Thelma McCollum, executrix of said Henry J. De N. McCollum, deceased, assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application May 7, 1943, Serial No. 486,019
6 Claims. (Cl. 126—116)



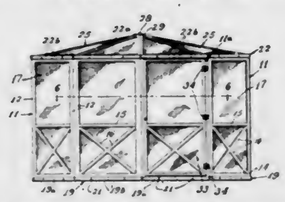
5. Heating apparatus of the class described comprising an internal combustion heater, an electrical igniter therefor, a pump for supplying fuel to said heater, a pipe line connecting said pump to the heater, a fuel reservoir interposed in said pipe line between the pump and the heater, a spring closed valve in the pipe line between the reservoir and the heater and electrically operable means for opening said valve, an electrically driven blower for supplying combustion and ventilating air to said heater, said reservoir comprising a fuel chamber having a flexible diaphragm which forms one wall of said chamber, spring means constantly urging said diaphragm against the fuel in said chamber to provide pressure for feeding fuel from the reservoir to the heater when the pump is not operating, a source of electrical energy and a circuit which includes said energy source, said electrical igniter, said valve operating means, and said blower, and switch means operatively connected to said diaphragm for actuation thereby to open the said circuit when the quantity of fuel in said chamber falls below a predetermined minimum.

2,440,448
LOADER FOR GREASE GUNS
Peter E. Purcell, Portland, Oreg.
Application April 24, 1946, Serial No. 664,672
2 Claims. (Cl. 222—388)



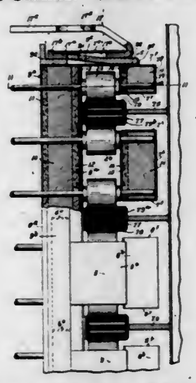
1. A loader for grease guns consisting of a cylindrical shell having a slot formed therethrough along the length thereof, through which the loading is performed, and having a pair of beads formed around said shell near one end thereof and spaced from each other sufficiently far to accommodate the cup leather of a grease gun.

2,440,449
PORTABLE BUILDING STRUCTURE
Lloyd R. Racmer, Chicago, Ill.
Application January 6, 1944, Serial No. 517,189
5 Claims. (Cl. 20—2)



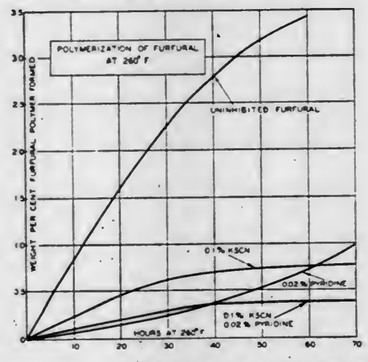
1. In a demountable building structure, a plurality of upright wall panels of predetermined width arranged in angular relation and edge abutment one to the other to provide an enclosure, a header on the upper edges of said panels connecting said panels together, a base on the lower edges of said panels connecting the panels together, said header and base each consisting of a plurality of interengaged rigid sections each of said sections including an intermediate portion of a length equal to the width of a panel and extending coextensively along and secured to an end edge thereof, and rigid extensions at each end of said intermediate portion in an angular relation to such portion corresponding to the horizontal angle between the panels joined thereby and each of a length less than the width of a panel and extending along and being secured to end edges of the last mentioned panels so that alternate of said panels have two such end extensions connected thereto.

2,440,450
SPINDLE SLATS FOR COTTON HARVESTERS
John D. Rust, Memphis, Tenn.
Application March 29, 1944, Serial No. 528,586
12 Claims. (Cl. 56—42)



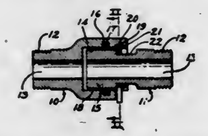
1. In a cotton picking machine wherein spindle-carrying slats are mounted by means of hinge elements on conveyor chains: a slat unit comprising a sheet metal backbone; top and bottom ribs clipped to the backbone; intermediate ribs clipped to the backbone; spindle mounting bearing elements carried by said backbone and said ribs; and spindles rotatably mounted in said bearing elements.

2,440,451
INHIBITING POLYMERIZATION OF FURFURAL
Walter A. Schulze and John C. Hillyer, Bartlesville, Okla., assignors to Phillips Petroleum Company, a corporation of Delaware
Application March 26, 1945, Serial No. 584,983
12 Claims. (Cl. 260—347)



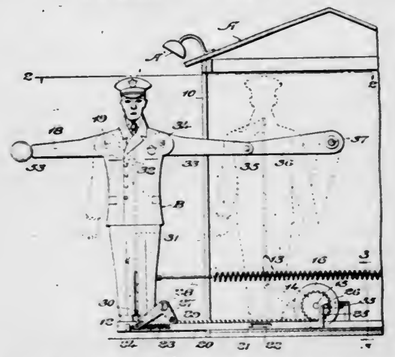
1. A method of inhibiting the polymerization of furfural which comprises incorporating therein minor proportions of an inorganic thiocyanate and a compound selected from the group consisting of pyridine and its alkyl homologs.

2,440,452
QUICK ACTION COUPLING
Fred D. Smith, Long Beach, Calif., assignor to Oilfields Service Co., Long Beach, Calif., a corporation of California
Application March 2, 1944, Serial No. 524,702
2 Claims. (Cl. 285—174)



1. A coupling comprising in combination: a female tubular member having an internal surface extending inward from one end thereof; a male tubular member having a head with an external surface adapted to telescope freely within the internal surface, one of said surfaces having an annular groove therein, said male and female members having cooperating shoulders thereon; a resilient sealing ring in said annular groove and dimensioned to project beyond said groove and yieldably engage and seal with the member having the other of said surfaces; and a split retaining ring engageable between said shoulders for securing said two members in telescopic engagement with each other, the relative radial widths of said split ring and one of said shoulders being such as to permit radial distortion of the split ring sufficient to disengage the other of said shoulders, the ends of said split ring being bent substantially at right angles to the body of the split ring and extending substantially axially beyond the open end of said female member and within the limits of the greatest diameter of said female member.

2,440,453
WARNING SIGNALING APPARATUS
George Marion Strickland and Allen McGill, Daytona Beach, Fla.
Application February 26, 1947, Serial No. 730,966
4 Claims. (Cl. 246—128)



1. Grade crossing signaling apparatus comprising a robot in the form of a human figure having a swingable arm, means mounting said robot for projection and retraction between operative and inoperative positions, an electric motor and means

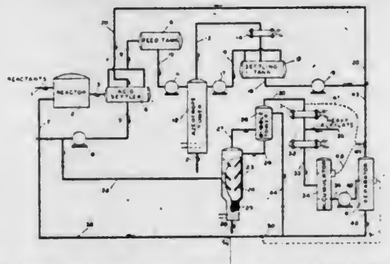
cooperating therewith for projecting said robot and for maintaining the same projected as long as the motor continues to operate, means operable upon the approach of a train to close the circuit of said motor and to maintain the same closed until the train has passed, solely mechanical means operable by said motor following projection of said robot to swing said arm as long as the motor continues to operate, and means to return said robot to its retracted position upon passing of the train and opening of said motor circuit.

2,440,454

RECOVERY OF HYDROGEN FLUORIDE IN AN ALKYLATION PROCESS

Roy E. Vinyard, Borger, Tex., assignor to Phillips Petroleum Company, a corporation of Delaware

Application July 18, 1944, Serial No. 545,415
2 Claims. (Cl. 260—683.4)



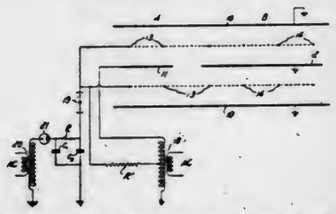
1. An improved continuous process for the alkylation of an alkylatable hydrocarbon with an olefin in the presence of concentrated hydrofluoric acid as an alkylation catalyst and for an improved recovery of said concentrated acid catalyst, which comprises continuously passing an alkylatable hydrocarbon and an olefin hydrocarbon together with said hydrofluoric acid to a reaction zone under alkylation conditions and subjecting them to reaction therein, passing the reaction mixture to an acid-settling zone and therein separating a liquid hydrocarbon phase from a liquid hydrofluoric acid phase which contains light hydrocarbons and acid-soluble oils dissolved therein, separately fractionating said hydrocarbon phase to recover light alkylate and heavy alkylate and recirculating a portion of said acid phase together with fresh hydrocarbon reactants to said reaction zone, passing another portion of said acid phase to a first distillation zone, flash distilling from said first distillation zone at about 260° F. a vaporous overhead product comprising hydrofluoric acid and light hydrocarbons and a liquid bottom product comprising acid-soluble oils, passing said overhead product to a second distillation zone operating at about 175° F., removing from said second distillation zone a liquid bottom product and passing same back to said first distilaltion zone as a reflux therefor, removing also from said second distillation zone a vaporous overhead product comprising hydrofluoric acid and light hydrocarbons, separately contacting said latter vaporous overhead product from said second distillation zone with a heavy alkylate obtained from the alkylation reaction to substantially absorb said light hydrocarbons, said heavy alkylate being introduced into said latter vaporous overhead product in an amount such that the pressure of said overhead product is about 40 pounds per square inch gage, thereafter cooling said latter vaporous overhead product and added heavy alkylate to condense remaining unabsorbed vapors and separating a resulting liquid acid phase comprising purified hydrofluoric acid from a resulting liquid alkylate phase comprising said heavy alkylate and absorbed light hydrocarbons, passing a portion of said purified hydrofluoric acid to said second distillation zone as a reflux therefor and passing another portion of said purified hydrofluoric acid to said reaction zone, controlling the flow of said purified acid to said reaction zone responsive to the liquid level of said acid phase, passing said liquid alkylate phase to said acid-settling zone for subsequent recovery of said heavy alkylate in the fractionation of the hydrocarbon phase therefrom, and controlling the flow of said alkylate phase to the settling zone responsive to the pressure of said overhead product.

2,440,455

CHARGING SUSPENDED PARTICLES

Harry J. White, Cambridge, Mass., assignor, by direct and mesne assignments, of one-half to Research Corporation, New York, N. Y., a corporation of New York, and one-half to Western Precipitation Corporation, Los Angeles, Calif., a corporation of California

Application June 11, 1945, Serial No. 598,732
12 Claims. (Cl. 183—7)



1. A method of charging particles which comprises passing a gas containing suspended particles through an electric field alternating between spaced non-discharge electrodes at a period less than half the transport time of gaseous ions between said electrodes and subjecting the gas while passing through the alternating field to ionizing discharge impulses having an impulse duration substantially less than half the period of the alternating field.

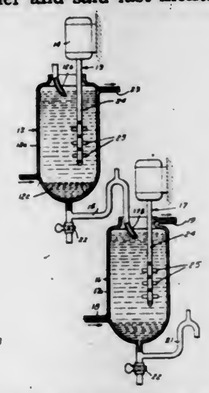
2,440,456

APPARATUS FOR PURIFYING METALLIC MERCURY

Harold R. Alley, Northbrook, and Benjamin F. Freeberg, Chicago, Ill.

Application December 9, 1942, Serial No. 468,395
1 Claim. (Cl. 266—34)

A washing device for use in the purifying of mercury comprising, in combination, an acid wash container adapted to contain a body of acid wash and having a mercury collection space at the bottom and a mercury outlet opening from said space, a vertical rotary stirrer projecting into the top of said container and being located above said collection space, a mercury supply conduit projecting into the upper end of said container and having the discharge orifice positioned to direct a stream of mercury into the top of said container and toward said stirrer located therein, a water wash container adapted to contain water wash and having a mercury collection space at the bottom and a mercury outlet opening from said last mentioned space, a vertical rotary stirrer projecting into the top of said water wash container and located above said last mentioned collection space, a conduit connected to said first mercury outlet and projecting into the top of said water wash container and having a discharge orifice for delivering a stream of mercury into the top of said water wash container and toward the stirrer therein, said water wash container being located below said acid wash container and said last mentioned conduit having a return bend providing a trap for maintaining a small quantity of mercury in said first collection space, each stirrer in cooperation with the associated orifice being adapted to finely comminute the stream of mercury directed thereto and to cause the dispersed particles of mercury to move downwardly through a spiral path to the associated collection space.

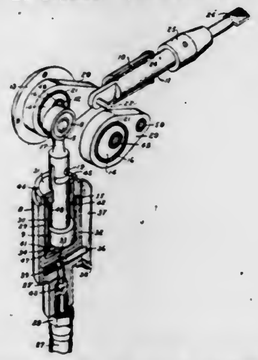


2,440,457

PNEUMATIC TOOL

Wendell K. Beckwith, Whitewater, Wis., assignor to Milwaukee Electric Tool Corporation, Milwaukee, Wis., a corporation of Wisconsin

Application May 22, 1944, Serial No. 536,716
10 Claims. (Cl. 121—32)



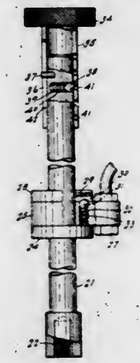
5. In combination, a casing having a tubular barrel and a tubular handle disposed at an oblique angle relative to the barrel, an anti-friction guide bearing confined within said barrel, a tool carrying spindle reciprocable within said bearing, a pneumatic motor secured to said handle and having a piston reciprocable therein, and a double throw eccentric rotatable within said casing and cooperating with said piston and spindle to convert the relatively long stroke reciprocating motion of the piston into shorter stroke reciprocation of the spindle.

2,440,458

LABEL FEED CONTROL

Walter J. Bernard, Oakland, Calif.

Application July 23, 1946, Serial No. 685,750
4 Claims. (Cl. 271—62)



1. In a labeling machine having a label feed control located at the rear of the machine and including a cam-actuable pawl lever having a pivot, and a trip lever actuable by containers being labeled, and a connecting rod having a combined pivotal and sliding connection at one end with said pivot on said pawl lever and threaded at the other end, and a spring for urging said connecting rod to its uppermost position on said pivot; adjusting means for said label feed control comprising a shaft having an axial threaded socket at its lower end threaded onto the threaded end of said connecting rod, with the upper end of said shaft extending above the level of the top of the machine for immediate access for tripping or rotative adjustment at will from the front of the machine; a trip lever arm having a bore with said shaft rotatable therein and having direct pivotal connection with said trip lever, and means for maintaining said trip lever arm against axial movement on said shaft, whereby manual depression of said shaft will cause immediate actuation of said label feed, and rotative adjustment of said shaft will vary the length of the connection between the trip lever and the pawl lever to change the rate of feed, thus providing instant and continuous control of the label feed from the front of the machine.

2,440,459

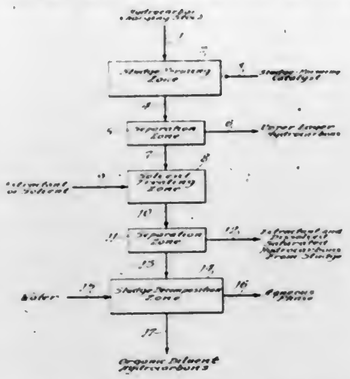
SYNTHETIC DRYING OILS

Herman S. Bloch, Riverside, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

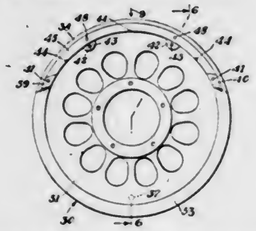
Application April 28, 1944, Serial No. 533,258
9 Claims. (Cl. 196—78)

1. A process for the production of synthetic drying oils which comprises reacting an olefinic hydrocarbon charging stock in the presence of a conjunct polymerization catalyst comprising hydrogen fluoride to form a catalyst-hydrocarbon complex, separating the resultant reaction products into a hydrocarbon phase and a catalyst phase comprising said complex and relatively saturated higher boiling compounds, extracting said catalyst phase with a substantially non-reactive solvent boiling below about 250° C. under conditions to remove said relatively saturated higher boiling compounds without effecting conversion of said solvent, said solvent being substantially

inert toward and substantially immiscible with said complex, and separating from the thus extracted catalyst phase a hydrocarbon drying oil substantially free of said compounds.



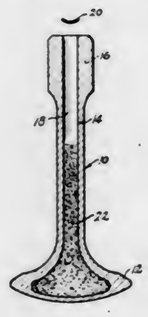
2,440,460
AUTOMOBILE AND AIRPLANE WHEEL
Louis Champain, New York, N. Y.
Application June 23, 1944, Serial No. 541,816
3 Claims. (Cl. 152—411)



1. A rim of the channel type having side flanges and being capable of receiving a tire, comprising a main rim body, a portion of a side flange of said main rim body being cut away, an arcuate rim flange section detachably mounted on said main body at the place where said portion of the side flange is cut away, said arcuate rim flange section being arranged for engagement with the tire at its inner surface, the radius of the circumference of said arcuate rim flange section being smaller than the radius of the circumference of the side flanges of said main rim body, holding means arranged on said main rim body for engagement with said arcuate rim flange section at the outer surface thereof, fastening means arranged for connecting said arcuate rim flange section with said holding means, and safety means arranged for locking said fastening means.

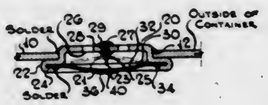
2,440,461
METHOD OF SEALING THE STEM OF HOLLOW VALVES
William E. Clements, Battle Creek, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application April 22, 1944, Serial No. 532,277
3 Claims. (Cl. 29—156.7)

1. The method of making a hollow poppet valve comprising making a valve part including a mushroom-shaped head and an integral axially extended stem, said head and stem having a central cavity extending therethrough closed at the head end and opened at the stem end being substantially uniform in diameter throughout the length of the stem and said stem having an enlarged annular portion at the extremity thereof adjacent the open end of the cavity, partly filling the cavity with a cooling medium, placing a plug having a convex surface with its convex surface in line contact relation upon the stem end of the valve part at the junction of the opening into the cavity and the end extremity of the



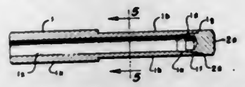
stem, applying an electrical resistance welding current and axial pressure to weld the plug to the stem effective to inhibit foreign matter from the cavity of the valve in the further working of the valve, compressing the enlarged portion of the valve in heated state with the plug as a part thereof to close the cavity in the stem over a portion thereof adjacent the plug and effect a welding of the compressed annular portion of the stem substantially along the axis of the stem so as to seal the cooling medium in the valve part and then removing the end of the compressed portion of the valve stem incorporating the plug.

2,440,462
PRESSURE RELIEF DEVICE
Lyle M. Cooper, Rahway, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application June 28, 1945, Serial No. 602,127
5 Claims. (Cl. 220—85)



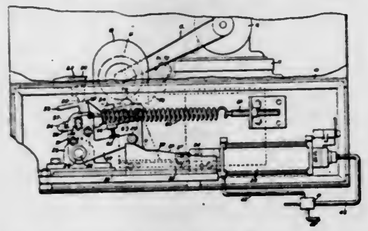
2. A pressure relief device for application to a vent opening of an enclosure, comprising a flexible diaphragm securely attached to and sealing said vent opening, said diaphragm comprising a material having springy action characteristics and having a preformed buckle sufficient to form an inwardly directed convex surface and to impart a snap action reversal when pressure is applied to the convex surface; a central perforation in said diaphragm, a thin, easily penetrable material sealing the perforation in said diaphragm; and a cutting element against which said easily penetrable material may impinge and be ruptured upon development of a predetermined pressure within said enclosure.

2,440,463
SPOT WELD TIP WITH REPLACEABLE INSERT
Leo W. Cornwall, San Diego, Calif.
Application October 10, 1945, Serial No. 621,508
5 Claims. (Cl. 219—4)



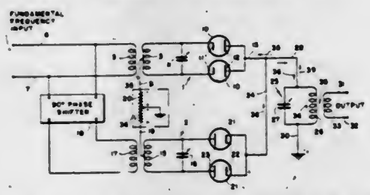
3. In a spotweld tip with replaceable insert the combination of a hollow tubular spotweld tip having a central bore therein and an internally tapered bore portion near one end thereof terminating in an enlarged diameter straight bore portion near the end of said spotweld tip, and a replaceable insert having a welding contact portion at one end and a hollow straight cylindrical skirt portion at its other end adapted to be wedged into the internally tapered bore portion of said spotweld tip.

2,440,464
CUTTING APPARATUS
Waldemar C. Ewaldson, Millington, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application May 8, 1946, Serial No. 668,056
6 Claims. (Cl. 125—13)



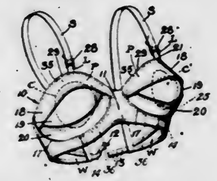
3. In a cutting apparatus, a cutter rotatable about a fixed axis, a movable support for work to be cut thereby, means active to force the support with the work at selected variable speeds toward the cutter, a cam movable at a constant speed to effect movement of the support with the work at a variable speed relative to the cutter, and fluid operated means to move the cam.

2,440,465
RECTIFIER CIRCUIT FREQUENCY MULTIPLIER
Joseph C. Ferguson, Fort Wayne, Ind., assignor, by mesne assignments, to Farnsworth Research Corporation, a corporation of Indiana
Application September 4, 1944, Serial No. 552,650
12 Claims. (Cl. 250—36)



1. An electric circuit for multiplying a fundamental frequency comprising a source for supplying a fundamental alternating current frequency, a first full wave rectifier circuit including two rectifier units each having a pair of terminals between which there is a current flow, one terminal of each unit being coupled to said source, means for shifting the phase of said fundamental frequency current substantially through 90 degrees, a second full wave rectifier circuit including two rectifier units each having a pair of terminals between which there is a current flow, one terminal of each unit being coupled to said phase shifting means, the remaining terminals of said rectifier units constituting the output of said rectifier circuits, a resonant circuit tuned to a harmonic of said fundamental frequency and connected to said output terminals, said rectifier circuits being arranged in such a manner that a direct current component will flow through said rectifier units in opposite directions with respect to said output terminals, and means for deriving an output signal from said resonant circuit.

2,440,466
BRASSIÈRE
Ruth Freedman, New York, N. Y.
Application June 24, 1946, Serial No. 678,855
2 Claims. (Cl. 2—42)



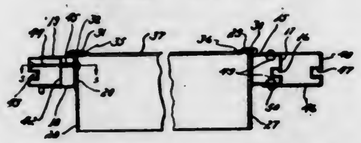
1. A brassière comprising a body portion and wing portions defining spaced and arcuate borders constituting arcuate and spaced openings, normally distended and spaced breast sustaining means arranged within and covering said openings and embodying substantially cone shaped preformed resilient and perforated cups each comprising an anterior convex face and a posterior concaved face, front flexible linings each comprising upper and lower panels distended by said cups for closely and snugly covering and disposed adjacent to said convex faces, rear linings for covering and disposed contiguous to said concaved faces, stitch means permanently securing marginal portions of said cups, of said upper and lower panels, and of rear linings to said arcuate borders, and strap means secured to upper portions of said breast sustaining means and wing portions.

2,440,467
SULFUR CONTAINING COATING COMPOSITIONS
Vincent J. Frilette, New York, N. Y., assignor to Ridbo Laboratories, Inc., Paterson, N. J., a corporation of New Jersey
No Drawing. Application May 20, 1944, Serial No. 536,639
7 Claims. (Cl. 106—228)

4. A liquid coating composition adapted to form a dried film comprising a constituent capable of forming a dried film upon oxidation, said constituent being a member of the class consisting of: (*a*) drying fatty oils; (*b*) semi-drying fatty oils; (*c*) mixtures of drying and semi-drying fatty oils, and elemental sulfur in the form of finely divided particles well dispersed in the said constituent in an amount not exceeding 3% calcu-

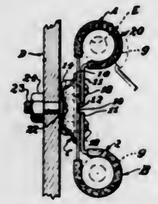
lated on the weight of the said constituent, said amount of sulfur in no case being less than .05% or more than 2% of the total non-volatile ingredients of the coating composition.

2,440,468
WINDOW VENTILATOR
John C. Gerken, Detroit, Mich.
Application February 8, 1945, Serial No. 576,810
2 Claims. (Cl. 98—99.8)



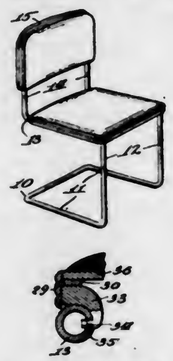
1. A ventilator of the class described comprising a frame embodying a pair of oppositely disposed side rails and a top rail and bottom rail all rigidly connected together; an angularly turned portion on one of the corresponding edges of the said side rails to provide an outwardly projecting shoulder and an inwardly faced channel on said edge of each of said side rails; a U-shaped member mounted on and engaging at its bight with the outer face of one of said side rails, and engaging at the outer face of one of its legs with the inner face of the shoulder on said side rails; a tubular member slidably mounted between the legs of said U-shaped member and movable inwardly and outwardly thereof; a spring for normally resisting inward movement of said tubular member relatively to said U-shaped member; a tubular member rectangular in cross-section and engaging at one of its sides with the outer face of the other of said side rails and secured thereto, the outer face of one of the sides of said tubular member engaging the inner face of the shoulder of said side rail; and a U-shaped extension mounted on and projecting outwardly from said tubular member.

2,440,469
MULTIPLE CLIP AND BRACKET
Ervin S. Goddard, Huntington, W. Va., assignor to Adel Precision Products Corp., a corporation of California
Application October 23, 1944, Serial No. 559,984
6 Claims. (Cl. 248—68)



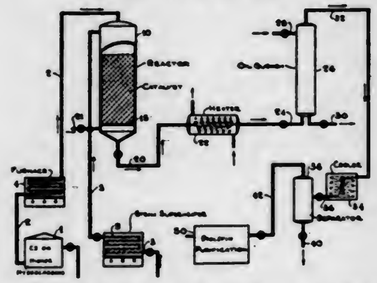
1. In a multiple clip for supporting conduits or the like, a bracket having means to accommodate a fastening for securing the bracket to a support, a pair of conduit-embracing loops of resilient metal having end portions independently movable to open and close the mouths of the loops for reception and removal of conduits, means securing end portions of said loops to said bracket so that the other end portions of the loops are independently movable for opening and closing said loops, and means embodied in said bracket and end portions of said loops for accommodating fastenings for independently clamping said loops around the conduits or the like, the loops of said pair occupying opposite side portions of said bracket with their mouths directed toward each other.

2,440,470
CHAIR
Meyer Greitzer, Los Angeles, Calif.
Application March 21, 1945, Serial No. 583,906
7 Claims. (Cl. 155—194)



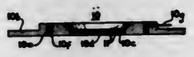
3. In a chair, the combination with a frame including a base, front legs, seat supporting rails provided on their inner side portions with apertures and tubular members projecting upwardly from the rear ends of said rails and a chair back carried by said upwardly projecting members, of a seat frame having side rails, brackets secured to the side rails of said seat frame, lugs projecting from said brackets, which lugs are engaged in the apertures in the seat supporting rails of said frame and the undersurfaces of which brackets and upper inner faces of said seat supporting rails are correspondingly contoured so as to provide a snug fit and bearing between said brackets and rails.

2,440,471
PRODUCTION OF DIOLEFINS
Walter R. F. Guyer, Roselle, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application April 22, 1944, Serial No. 532,227
2 Claims. (Cl. 260—680)



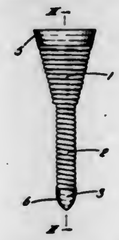
1. The method of selectively producing butadiene and pentadiene in controlled proportions from pentenes, which comprises charging a mixture of steam with a pentene feed having a controlled proportion of trimethylethylene and of a straight-chain pentene to a reaction zone in which the mixture is contacted with an active dehydrogenation catalyst selected from the class consisting of manganese oxide, chromium oxide, iron oxide, cobalt oxide and nickel oxide associated with a base from the class consisting of magnesium oxide, zinc oxide, and barium oxide, together with an alkaline metal compound having basic properties and a stabilizing oxide, maintaining the temperature in the reaction zone at essentially between 1100 and 1400° F., obtaining principally pentadiene from the trimethylethylene in the feed and butadiene from the straight-chain pentene in the feed, the diolefin product in preponderance being determined by the controlled proportion of the trimethylethylene and of straight-chain pentene in the feed, said pentenes being reacted at the same temperature in the reaction zone.

2,440,472
STAGE INCUBATOR FOR MICROSCOPES
Wilfred Horner and Eugene Wesselman, Chicago, Ill., assignors, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill., a corporation of Illinois
Application September 11, 1944, Serial No. 553,661
5 Claims. (Cl. 88—40)



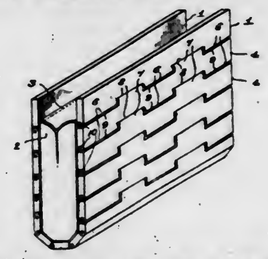
5. A culture medium stage incubator for microscopes comprising, a base member including a central cylindrical body portion of substantial thickness and an extended flange having a configuration for mounting in a microscope, said body portion having a central web portion of reduced thickness and substantially parallel faces, and a small precisely dimensioned aperture in said web adapted to be closed by transparent covers engaging the faces of said web to form a container of accurately predetermined volume for a culture medium to be examined, said body portion being formed with an annular groove surrounding said web, and an electrical winding disposed in said groove for developing in the region of said aperture a culture-affecting condition.

2,440,473
TEE FOR GOLF BALLS
Joseph William Hughes, Southgate, London, England
Application March 21, 1945, Serial No. 583,951
In Great Britain October 11, 1944
3 Claims. (Cl. 273—33)



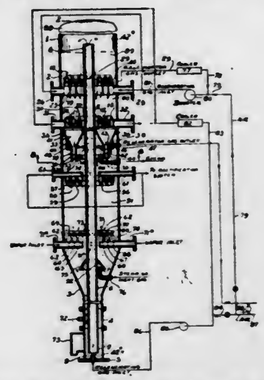
1. A golf tee comprising a helical coil consisting of a single length of wire, adjacent turns of said coil being disposed in contact with one another and a few turns at each end of the coil being joined together, said coil including a number of turns the diameters of which decrease gradually from one end of the coil to form a frusto-conical cup, and, emerging from the smallest turn of said cup, a number of turns of a uniform diameter not exceeding that of said smallest turn of said cup to form a cylindrical stem, and a pointed tip at the free end of said stem.

2,440,474
DECORATIVE FABRIC FOR HANDBAGS
Rose Jackler, Brooklyn, and Daisy H. Goldberg, New York, N. Y.
Application September 27, 1944, Serial No. 555,964
4 Claims. (Cl. 41—10)



1. A decorative covering for a bag, the covering comprising decorative elements arranged in superimposed horizontal rows extending from end to end of the bag, with the lateral edges of the elements of each row castellated to consecutively interfit with one another, and the upper and the lower edges of the elements of adjacent rows also castellated to interfit with one another, and flexible hinge pin wires extending horizontally and vertically through perforations in said interfitting castellations to secure said elements to one another for relative pivotal movement.

2,440,475
PROCESS AND APPARATUS FOR CONTINUOUS CATALYSIS
Virgil V. Jacomini, Houston, Tex.
Application January 8, 1944, Serial No. 517,595
19 Claims. (Cl. 196—52)



1. A vapor and solid contact apparatus of the class described, comprising a reaction chamber for contact of vapors and gases at high temperature, an inlet for hot solids into the chamber, an outlet for solids from said chamber, a vapor inlet into said reaction chamber, a vapor outlet from

said chamber, a regeneration chamber, a solids inlet to said regeneration chamber and a solids outlet in said regeneration chamber, means connected to the outlet from said reaction chamber for pneumatically conveying solids directly to said regeneration chamber, means for gravitationally conveying hot solids from said solids outlet of said regeneration chamber to said reaction chamber, means for introducing regenerating gas into one end of said regeneration chamber, means for passing regenerating gases through the regeneration chamber together with said solids means for removing regenerating gas from an intermediate zone of said regeneration chamber, means for introducing fresh regenerating gas into an intermediate zone of said regeneration chamber, and means for withdrawing regenerator gas from another end of said regeneration chamber, said means for introducing regenerating gases and withdrawing gases from said regeneration chamber being adapted for the passage of solids from the solids inlet of said regeneration chamber to the solids outlet of said regeneration chamber.

4. A process for hydrocarbon conversion, which comprises introducing hydrocarbons at an elevated temperature into one end of a gravitationally descending body of hot catalyst in a catalytic reaction zone, withdrawing converted vapors from another end of said reaction zone, discharging spent catalyst carrying carbonaceous material from said reaction zone and pneumatically conveying said catalyst into a regenerating zone wherein said catalyst gravitationally descends as a body to be regenerated by oxygen containing gas introduced into said regenerating zone and which oxygen containing gas passes together with the gravitationally descending body of catalyst through the regenerating zone, withdrawing combustion gases from said regenerating zone, and passing regenerated catalyst gravitationally from said regenerating zone into said reaction zone.

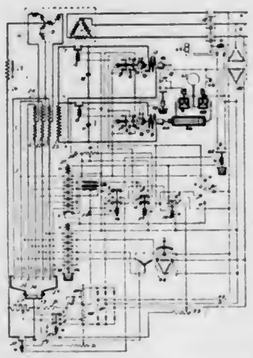
2,440,476

ELECTRIC HEATING SYSTEM FOR A PLURALITY OF OBJECTS, RESPONSIVE TO TEMPERATURE AND POSITION THEREOF

Lauren L. Johnson, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware

Application November 4, 1944, Serial No. 561,951

10 Claims. (Cl. 219—20)



6. In a system for simultaneously heating a plurality of objects electrically, the combination of a plurality of heating stations, each said station comprising a heating device, a movable temperature responsive device, movable means actuable by one of said objects through the associated said temperature responsive device into a first position in response to relative movement of the associated said heating device and of one of said objects into heating relation and into a second position in response to relative movement of the associated said heating device and of one of said objects out of heating relation, and means responsive to heating of the associated said temperature responsive device to a predetermined temperature for causing relative movement of the associated said heating device and of one of said objects out of heating relation, a source of current, a converter connected with said source for converting current from said source into heating current for said devices, means for severally connecting the different said devices with said converter, and means responsive to movement of any of said movable means into said first position for rendering said converter operative to supply current to said devices and responsive to movement of all said movable means into said second position for rendering said converter inoperative.

2,440,477

SYNTHETIC DRYING OILS

Warren W. Johnstone, Riverside, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

No Drawing. Application November 29, 1943

Serial No. 512,271

13 Claims. (Cl. 196—78)

1. A process for the preparation of a drying oil which comprises reacting a hydrocarbon fraction containing olefins in the presence of a hydrogen fluoride catalyst, separating the reaction mixture into a catalyst phase and a hydrocarbon phase, removing hydrogen fluoride from said catalyst phase thereby leaving a residual organic material, treating said residual organic material with an alkaline reagent to neutralize free acid therein, and recovering the acid-free organic material as said drying oil.

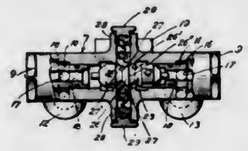
2,440,478

SHUTTLE VALVE

Ottmar A. Kehle, West Los Angeles, Calif., assignor to Adel Precision Products Corp., a corporation of California

Application November 24, 1942, Serial No. 466,784

2 Claims. (Cl. 251—118)



2. In a valve, a body member having a cylindrical bore therein, spaced inlet seats in said bore and outlet means communicating with said bore intermediately of said seats, a shuttle valve slidable in said bore and having provision for alternately engaging said seats to open communication between a selected inlet seat and the outlet means and close the other inlet means, said shuttle valve having cylindrical portions engaging the wall of said bore inwardly of the respective inlet seats, said cylindrical portions being so spaced apart as to be simultaneously engageable with bore wall portions at opposite sides of said outlet means and disengageable with said bore wall portions one at a time to open said inlet seats, said shuttle valve having two cam surfaces, and a spring loaded detent disposed intermediately of said inlet seats for engaging one or the other of said cam surfaces for urging the shuttle valve toward and yieldably holding said valve against one or the other of said inlet seats, said cylindrical portions being positioned to remain in closing engagement with said bore wall portions on opposite sides of said outlet means until said detent contacts one or the other of said cam surfaces in each direction of movement of said shuttle valve.

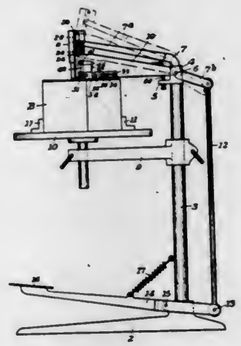
2,440,479

STAPLING APPARATUS

Joseph C. Lang, Pittsburgh, Pa., assignor to Bocji Corporation, a corporation of Delaware

Application November 30, 1942, Serial No. 467,365

17 Claims. (Cl. 1—13)



1. A stapling machine of the class described having a reciprocable driver, means forming a delivery chute along which the driver is movable, guide means normally projecting into the delivery chute extending across the path of the driver and having slots therein positioned to engage and support the legs of the staple moving along the chute, said guide means being movable out of staple-engaging position.

2,440,480

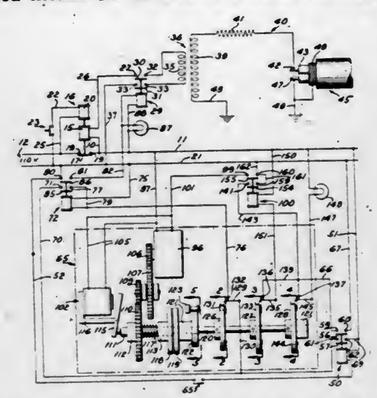
ELECTRICAL INSULATION TESTING APPARATUS

Clay E. Lewis, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application March 31, 1944, Serial No. 528,823

8 Claims. (Cl. 175—183)

1. An apparatus for testing an insulating jacket surrounding a conductor forming part of an electric cable, which comprises a testing circuit energizable to impress a high potential across such a conductor connected therein, a low potential control circuit including means for energizing the high potential testing circuit, means for controlling the continuity of the energizing means, manually controlled means for energizing the continuity controlling means to energize the testing circuit and start an insulation testing operation on the conductor connected therein, means operable with the continuity controlling means for indicating when the testing circuit is energized, and timing means started by the manually controlled means for indicating when a testing operation has been conducted on the conductor for a predetermined period of time.



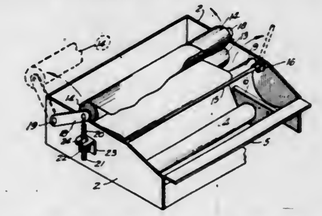
2,440,481

PORTABLE DEVICE FOR PASTING WALLPAPER

Frank L. Lowery, Oklahoma City, Okla.

Application March 1, 1946, Serial No. 651,142

3 Claims. (Cl. 91—51)



1. In a portable device for pasting wall paper, a unitary sheet metal supporting frame, supporting flange, paper trough, bead roll and paste tank, and enclosing members for the aforesaid parts and a movable baffle plate for the said paper trough to adjust its length for different widths of paper.

2,440,482

PROCESS AND APPARATUS FOR CONTACTING FLUIDS WITH POWDERED SOLIDS

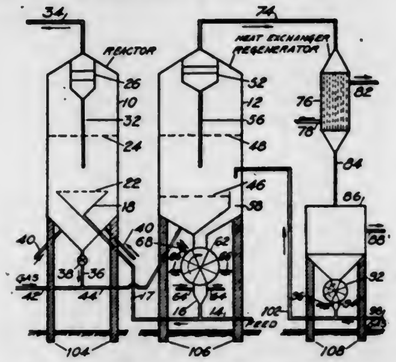
Homer Z. Martin, Roselle, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

Application December 15, 1943, Serial No. 514,324

6 Claims. (Cl. 196—52)

1. A process for contacting powdered solids with gaseous fluids which comprises maintaining a reaction zone and a regeneration zone substantially at ground level, maintaining a body of dry fluidized solid particles in each of said zones, maintaining one zone under higher superatmospheric pressure than the other zone, removing fluidized solid particles from the bottom of said higher pressure zone and passing them through a constriction whereby a drop in pressure occurs, then mixing the withdrawn particles with a gaseous fluid and passing the mixture to said lower pressure zone, removing dry fluidized solid par-

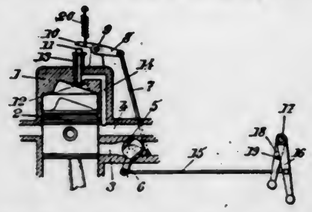
ticles from the bottom of said lower pressure zone and passing them into a chamber, introducing a fluid under pressure into said chamber to raise the pressure on the solid particles, maintaining a pressure seal between said lower pressure zone and said chamber, removing the solid particles from said chamber and mixing a gaseous fluid therewith, the pressure in said chamber being sufficient to prevent seepage of the last mentioned gaseous fluid into the said lower pressure zone and to pass the last mentioned mixture to said higher pressure zone, and removing gaseous fluid from each of said zones.



5. An apparatus of the character described including a higher pressure vessel and a lower pressure vessel located substantially at ground level, each vessel being adapted to hold dry fluidized solid particles and having a top outlet for gaseous fluids and a bottom outlet for fluidized solid particles, said higher pressure vessel having a slide valve in its bottom outlet, said lower pressure vessel having a star feeder in its bottom outlet, a fluid pressure chamber below said star feeder, means for supplying fluid under pressure to said pressure chamber, means for mixing a gaseous fluid with solid particles from said pressure chamber and passing the mixture to said higher pressure vessel and means for mixing a gaseous fluid with solid particles from below said slide valve and passing the mixture to said lower pressure vessel.

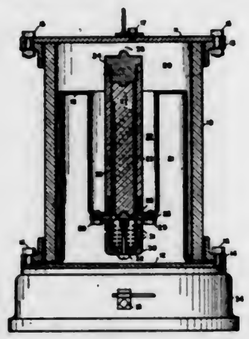
2,440,483
CONTROL DEVICE FOR INTERNAL-COMBUSTION ENGINES
Marcel Mennesson, Neuilly-sur-Seine, France, assignor to Societe D'Appareils de Contrôle et Equipement des Moteurs (S. A. C. E. M.), Neuilly-sur-Seine (Seine), France, a society of the French Republic
Application March 2, 1945, Serial No. 580,587
In France August 1, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires August 1, 1962
13 Claims. (Cl. 123—97)

1. A control device for an internal combustion engine comprising at least a cylinder with at least a combustion chamber formed therein, a gas intake for said cylinder, pressure relief means for placing said combustion chamber in communication with the atmosphere, said control device comprising, in combination, throttle means for controlling said gas intake, and interconnecting means between said pressure relief means and said throttle means, adapted to permit the opening of said pressure relief means to the atmosphere only after the closing of said throttle means, and inversely the opening of said throttle



means only after said pressure relief means have been closed.

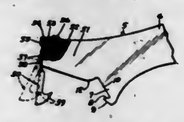
2,440,484
VOLTAGE-LIMITING ARC INTERRUPTER
Ralph R. Pittman, Little Rock, Ark.
Application March 7, 1944, Serial No. 525,465
2 Claims. (Cl. 175—30)



1. A voltage-limiting arc interrupter comprising a hollow cylindrical housing of insulating material having upper and lower closures of conducting material at its respective ends; a reentrant partition of condycting material extending within said housing, said partition engaging the lower closure and extending first inwardly and upwardly from the lower end of said housing to an elevation below that of the upper closure, thence inwardly and downwardly to a centrally positioned opening at an elevation above that of said lower closure; a discharge device including an upstanding tubular insulator closed at the upper end and vented at the lower end, normally insulated spaced upper and lower conducting electrodes associated therewith and so related that the weakest electrical path therebetween is within said insulator rather than externally thereof; means supporting said discharge device on said partition at said last-named elevation, said discharge device extending upwardly in lateral spaced relationship with said partition and in vertical spaced relationship to the upper closure to provide a spark gap between the latter and the upper electrode of said discharge device, the lower end of said discharge device closing said centrally positioned opening and being arranged to vent gaseous products attending the operation of said discharge device only into the space between said lower closure and said reentrant partition; and a discharge disperser mounted at the vented end of said discharge device for cooling said gaseous products prior to entry into said space; the conducting members being so related to

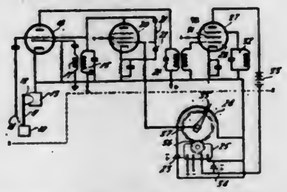
the insulating housing that the weakest electrical path from said upper closure to said lower closure is via the series circuit arrangement of said spark gap and said discharge device.

2,440,485
CAP-LIFTING BOTTLE OPENER
Maurits C. Ranseen, Minneapolis, Minn.
Application March 11, 1944, Serial No. 525,996
1 Claim. (Cl. 81—3.46)



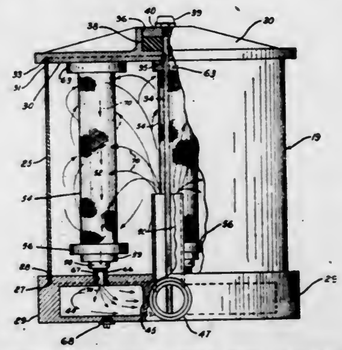
A bottle opener comprising a body having one edge provided with a projection constituting a fulcrum and adapted to seat upon a bottle cap adjacent to one side thereof, a hook pivoted to the end of said body remote from the fulcrum and depending from said end of the body and having an upturned nib adapted to engage under the edge of the bottle cap, the opposite end of said body being formed with an abutment adapted to engage the side of the cap adjacent to said fulcrum, when the opener is applied to the cap, an operating handle extending downwardly from said abutment and body and positioned adjacent to the neck of the bottle whereby the operator may conveniently grasp the neck of the bottle and said handle with one hand and operate the opener to release the cap by a squeezing action, and means constantly urging the hook into cap engaging position whereby the opener may be quickly applied to the bottle cap by simply moving it straight downwardly into engagement with the top of the cap, such manipulation of the opener causing the nib of the hook and said abutment to automatically assume their operative positions with respect to the cap.

2,440,486
VARIABLE FREQUENCY CONTINUOUS BALANCE MOTOR CONTROL SYSTEM
Karl Rath, New York, N. Y., assignor to Radio Patents Corporation, New York, N. Y., a corporation of New York
Original application February 19, 1944, Serial No. 523,027. Divided and this application June 26, 1947, Serial 757,198
8 Claims. (Cl. 318—28)



1. In a system of the character described, a primary element having a movable member; a secondary element having a movable member; an electric motor driving said secondary element; a frequency converter comprising a first resonant impedance means, a generator of high frequency voltage including a second resonant impedance means having a resonant frequency determinative of the generated frequency and being normally equal to the resonant frequency of said first impedance means, reactive coupling means between said first resonant impedance means and said generator to develop a secondary high frequency voltage by said first resonant impedance means having a phase normally at 90° with respect to the phase of the generated voltage and varying in sense and magnitude in accordance with the relative frequency departure between the generated voltage and the resonant frequency of said first impedance means, and further means for combining said secondary voltage with the generated voltage to produce a direct output current having an amplitude varying in sense and magnitude in accordance with said frequency departure; means for controlling said motor in response to said output current to cause rotation thereof in either direction in dependance upon the sense of variation of said output current; an electronic reactance control tube operatively connected to said generator; means associated with said primary element for varying the resonant frequency of one of said impedance means; a source of constant direct current potential; an adjustable resistance controlled by said motor and connected to said source for producing a variable control potential; and means for applying said control potential to said reactance tube to vary the internal impedance of said tube, whereby to counteract an initial relative frequency departure between said first and second impedance means to maintain said primary and secondary elements in a continuously balanced follow-up movement.

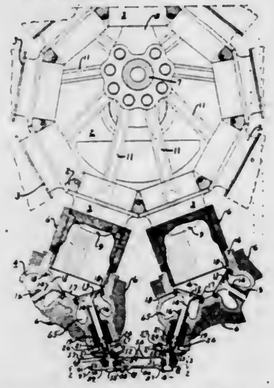
2,440,487
CORROSION RESISTANT FILTER
Vincent A. Rayburn, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application September 4, 1943, Serial No. 501,235
2 Claims. (Cl. 210—184)



1. A filter, which comprises a base member having separate inlet and outlet chambers formed therein, an annular casing positioned on the base member, a cover for the casing means for conveying a liquid to be filtered from the inlet chamber in the base member to substantially the middle portion of the casing, a plurality of threaded couplings, a plurality of threaded pipes secured to the base member in positions equidistant from the center of the casing for adjustably connecting the couplings with the outlet chamber, resilient rubber gaskets carried by the coupling members, a plurality of perforated hard rubber tubes each having one end thereof positioned upon one of the gaskets, a plurality of resilient rubber gaskets carried by the cover so as to engage the ends of the tubes, a plurality of tubular,

wool fabric strainers each surrounding the exterior surface and the ends of one of the tubes, and means for exerting pressure on the cover, whereby the gaskets are forced into close engagement with the strainers and the tubes and liquid tight seals are effected between the tubes and the couplings and the cover, respectively.

2,440,488
OIL ACCUMULATION DRAIN MEANS FOR RADIAL ENGINES
Carl G. A. Rosen, Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif., a corporation of California
Application February 7, 1944, Serial No. 521,327
4 Claims. (Cl. 123—55)



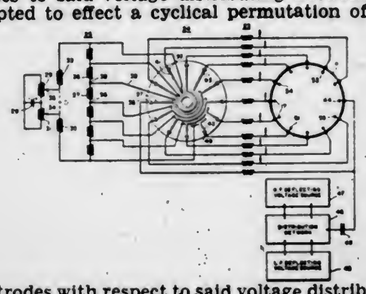
4. An internal combustion engine comprising a cylinder in which liquid is apt to accumulate, a valve for allowing drainage of such liquid, a control member for the engine, and mechanism connected to the control member for opening the valve, said mechanism including yieldable means for delaying opening of the valve until compression in the cylinder is relieved should the control member be moved to open the valve when the cylinder is under compression.

2,440,489
PROCESS FOR DEHYDRATING AQUEOUS MIXTURES
Raphael Rosen, Elizabeth, and John C. Zimmer, Union, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application November 3, 1945, Serial No. 626,580
9 Claims. (Cl. 252—321)

1. An improved process for dehydrating water-containing liquids which normally foam excessively on ebullition, which comprises evaporating water from the liquid by heat in the presence of a small quantity, sufficient to substantially prevent foaming, of a liquid, low-volatility polymer of a chloro-fluoro olefin monomer said polymer having 10 to 50 carbon atoms per molecule.

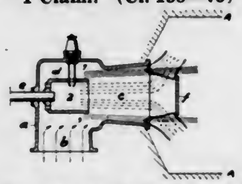
2,440,490
ELECTRON BEAM CENTERING SYSTEM
Hans W. G. Salinger and Albert T. Mayle, Jr., Fort Wayne, Ind., assignors, by mesne assignments, to Farnsworth Research Corporation, a corporation of Indiana
Application November 6, 1946, Serial No. 708,004
7 Claims. (Cl. 315—18)

1. A system for orienting an electron beam relative to a target electrode comprising, a plurality of field-producing electrodes located in spaced positions around the path of said beam, a source of unidirectional voltage, a voltage distributing network for deriving from said source a predetermined voltage distribution pattern for said electrodes, a switch for connecting said electrodes to said voltage distributing network and adapted to effect a cyclical permutation of said



electrodes with respect to said voltage distribution pattern, whereby to secure any one of a plurality of angular directions of the field produced by said electrodes in the path of said beam, and means to vary the magnitude of the voltage impressed upon said voltage distributing network from said source, whereby to correspondingly vary the strength of said field.

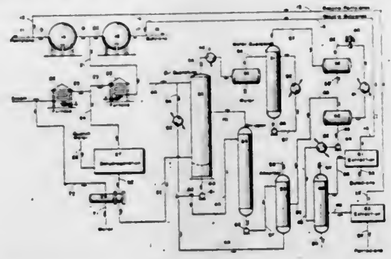
2,440,491
OIL BURNER
Erwin Frédéric Schwander, Reichshoffen, France, assignor to Societe d'Etudes des Vehicules "Sev," Reichshoffen (Bas-Rhin), France, a society of France
Application February 20, 1936, Serial No. 64,928
In France March 21, 1935
Section 3, Public Law 690, August 8, 1946
Patent expires March 21, 1955
1 Claim. (Cl. 158—73)



In an oil burner particularly for steam generators for vehicles comprising in combination a tubular burner body receiving combustion air, a sleeve-like member in the body for dividing the combustion air into a primary and a secondary air current, an oil nozzle and an electric ignition device in said member and a baffle plate disposed in front of the tubular body, the sleeve-like member being a cylindrical cup having a perforated bottom turned against the air current, said tubular body extending beyond the cup mouth and the inner walls thereof being throughout their whole length essentially parallel to those of the cup.

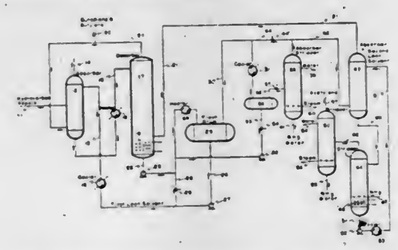
2,440,492
PROCESS FOR THE PRODUCTION OF DIOLEFINS
Wilson D. Seyfried, Wooster, and Sam H. Hastings, Baytown, Tex., assignors to Standard Oil Development Company, a corporation of Delaware
Application June 13, 1944, Serial No. 540,078
2 Claims. (Cl. 260—680)

1. In the production of butadiene, the steps comprising forming a hydrocarbon mixture including butylene and pentylene in the ratio of about 3 parts of pentylene per part of butylene to about 3 parts of butylene per part of pentylene, feeding said mixture and superheated steam into a dehydrogenation zone containing a catalyst comprising about 80 per cent MgO, 14 percent



Fe_2O_3, 3 per cent K_2O, and 3 per cent CuO and maintaining said mixture and steam in said zone at a temperature in the range of about 1150° F. to about 1300° F. for a time sufficient to convert substantial amounts of said mixture to butadiene whereby a substantially greater yield of butadiene is produced than is producible under comparable conditions from said butylene alone.

2,440,493
PROCESS FOR SEPARATING BUTADIENE AND ACETYLENE FROM A HYDROCARBON MIXTURE
George H. Shipley, Jr., Baytown, Tex., assignor to Standard Oil Development Company, a corporation of Delaware
Application March 27, 1944, Serial No. 528,190
6 Claims. (Cl. 260—679)

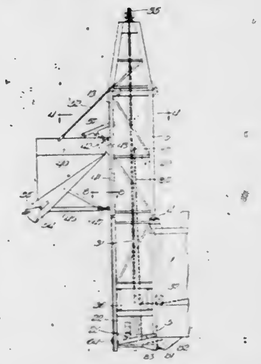


1. A process for separating butadiene and acetylene from a hydrocarbon admixture including butadiene and acetylene comprising the steps of contacting the hydrocarbon mixture in a first absorption zone with a first aqueous solution of ammonia cuprous acetate to absorb butadiene and acetylene from the hydrocarbon mixture and obtain a first rich solvent, subjecting the first rich solvent to preliminary desorption to remove a major portion of butadiene therefrom, subsequently stripping the resulting solvent to remove substantially all of the hydrocarbons therefrom in vaporous condition, contacting the vaporous hydrocarbons with a second solution of ammonia cuprous acetate in a second absorption zone to absorb a major portion of acetylene and a minor portion of butadiene from the vapors, removing unabsorbed vapors from the second absorption zone and removing rich absorbent from the second absorption zone and recovering hydrocarbons therefrom.

2,440,494
LOW-TEMPERATURE POLYMERIZATION OF BUTADIENE IN THE PRESENCE OF METHALLYL CHLORIDE
William J. Sparks, Elizabeth, and Robert M. Thomas, Union, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application October 11, 1941, Serial No. 414,596
4 Claims. (Cl. 260—93)

1. A low temperature polymerization process for butadiene comprising the steps in combination of mixing butadiene with methallyl chloride, cooling the mixture to a temperature below 0° C., and applying to the cooled mixture a polymerization catalyst comprising aluminum chloride dissolved in a non-complex-forming solvent having a freezing point below 0° C.

2,440,495
HOISTING TOWER APPARATUS
Harold A. Wagner and Gustave H. Wagner, Portland, Oreg.
Application June 24, 1946, Serial No. 678,842
10 Claims. (Cl. 214—120)

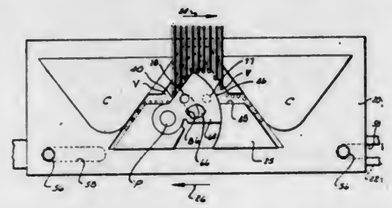


1. An elevator arrangement comprising a tower adapted to be pivotally secured adjacent one end thereof to a vehicle and being further adapted to be transported horizontally upon said vehicle and shifted to a vertical operative position, said tower comprising a rectangular arrangement of parallel uprights, said tower being open along the front side thereof, a pair of slides mounted upon the uprights on the opposite sides of said front side of said tower, a hopper pivotally mounted adjacent its upper end on said slides, means detachably fastening said hopper adjacent its lower end on said slides, said hopper having a width slightly less than the distance between the uprights defining the front side of said tower whereby upon disconnection of the lower end of said hopper from said slides said hopper may be pivotally swung between said front uprights.

2,440,496
FLAT KNITTING MACHINE
Harry Weinstein, Brooklyn, N. Y.
Application June 12, 1947, Serial No. 754,117
3 Claims. (Cl. 66—68)

1. A flat knitting machine including a reciprocating bed plate, wall structure disposed on one

side of said plate and defining a recess, a bank of needles, means supporting said needles adjacent said bed plate with the butts of said needles engaging said channel, said needles being movable, by the reciprocal movement of said bed plate, in a direction normal to the direction of the movement of said bed plate, certain of said needles having relatively high butts and relatively long latches, and certain of said needles having relatively low butts and relatively short latches, a stitch regulating device disposed in said recess and coacting with said wall structure



to define a V-shaped channel, said regulating device being movable to a first position in which the butts of all of said needles are moved toward the apex of said channel, and to a second position in which the butts of the high butt needles are moved toward the apex of said channel and the butts of the low butt needles are moved away from the apex of said channel to vary the type of stitch formed by said low and high butt needles, and means operable by the reciprocal movement of said bed plate to move said stitch regulating device into either of said positions.

2,440,497

PROCESS FOR PRODUCING UNSATURATED HYDROCARBONS CONTAINING BRANCHED CARBON CHAINS

Carl Winning, Westfield, and Dilworth T. Rogers, Summit, N. J., assignors to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application October 5, 1945, Serial No. 620,628

4 Claims. (Cl. 260—677)

1. In a process for producing unsaturated hydrocarbons containing branched carbon chains, the step comprising heating chlorinated tetraisobutylene with a smaller quantity of phenol for an extended period at a temperature from 100–200° C., continuously removing hydrogen chloride vapor and separating the phenol from the unsaturated residue.

2,440,498

POLYMERIZATION CATALYSTS

David W. Young, Roselle, and Henry B. Kellog, Union City, N. J., assignors to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application May 15, 1943, Serial No. 487,155

8 Claims. (Cl. 252—199)

1. A low temperature polymerization catalyst active between 0° C. and —100° C. in the form of a solution in an aliphatic solvent having from 1 to 5 carbon atoms per molecule which is liquid below 0° C.; of a double salt composed of a Friedel-Crafts active metal halide catalyst and a titanium alkoxy compound in which the alkoxy radical has a carbon atom number within the range between 1 and 8 inclusive.

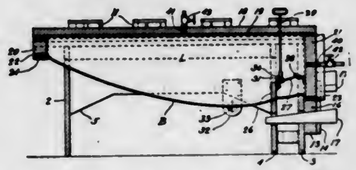
2,440,499

APPARATUS FOR FREE-BLOWING THERMOPLASTIC MATERIAL

Robert S. Ames, Robert W. McCullough, and Maurits P. H. Peterson, Akron, Ohio, assignors to Goodyear Aircraft Corporation, Akron, Ohio, a corporation of Delaware

Application April 26, 1945, Serial No. 590,478

4 Claims. (Cl. 18—19)



3. A jig for forming stream-lined canopies for airplanes and the like including frame means having an opening therein, the opening being shaped to the longitudinal contour of the base of the article to be formed, the opening extending at both ends appreciably beyond the trim length of the article to be formed, means supporting a sheet of plastic over the opening in the frame means, differential pressure means for moving the sheet through the opening in the frame means, external gauge means extending transversely of the frame means and positioned at the trim lines for article length against which the sheet is moved just to touch, and means movably mounted in association with the jig for engaging the inside of the article after the main forming of the article is completed to press the article into narrow area contact with the external gauge means.

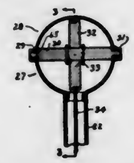
2,440,500

FLAGPOLE AND OPERATING MEANS THEREFOR

Robert Ellis, Belleville, N. J.

Application April 14, 1944, Serial No. 530,954

8 Claims. (Cl. 116—173)



1. A flag-pole and operating means therefor comprising a hollow fixed pole, a hollow extension pole mounted to the upper end of said fixed pole, a side hole in said extension pole near the lower end thereof, a side opening in and near the lower end of said fixed pole, a rope extending from said lower side opening in the fixed pole up through the hollow interior thereof and on through the hollow extension pole through an upper opening therein and then extending downwards on the outside thereof through the said side hole in the lower part of said hollow extension pole into the interior thereof and down through said hollow fixed pole to the said lower side opening therein, a flag attached to said rope on the outside of said hollow extension pole between the upper and the said lower side openings therein, and means for causing said rope to haul said flag into said side opening in the lower part of said hollow extension pole.

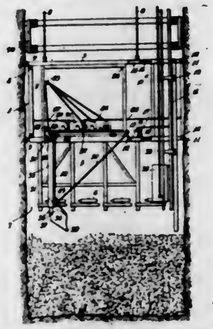
2,440,501

EXCAVATING APPARATUS

Carl A. Erickson, Baltimore, Md.

Application July 27, 1945, Serial No. 607,475

12 Claims. (Cl. 214—141)



1. An excavating machine including a main frame provided at opposite sides with longitudinal ways and having means for engaging walls of an excavated hole for securing the main frame in different positions in said hole, hoisting means connected with the main frame for lowering it into said hole as the excavation of the same progresses and for removing it from the hole when the excavation thereof is completed, a carriage slidable in the ways of the main frame and provided with a transverse guide, a pivoted boom mounted for sliding movement back and forth along said transverse guide and provided with an extensible section, a dipper pivotally mounted on the extensible section of the boom at the outer end thereof, means for actuating and controlling the boom to swing the same and to slide the boom along said transverse guide, means for effecting adjustment of said extensible section to vary the effective length of the boom, and a dipper line connected with the dipper and guided on and carried by the boom in the sliding movement thereof.

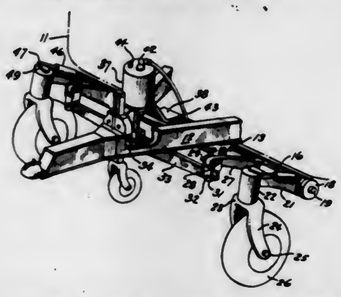
2,440,502

AUXILIARY VEHICLE TRUCK

Elmer H. Etgen, Los Angeles, Calif.

Application April 17, 1947, Serial No. 742,022

19 Claims. (Cl. 280—124)



1. A vehicle truck, including: a hollow, frame member constituting a pneumatic reservoir and adapted to be attached transversely to the forward end of the vehicle; a ground-wheel support rotatably mounted on each end of said member for arcuately-vertical rotation; a ground-engaging wheel carried by each support; and pneumatic cylinder-and-piston means disposed intermediate the ends of said member, and having a volume less than that of said reservoir and motion-connected by its piston means to each of said wheel supports and flow-connected by its cylinder means to said reservoir, whereby to maintain substantially equal the load pressure on each wheel, thereby minimizing lateral and vertical oscillations of the vehicle.

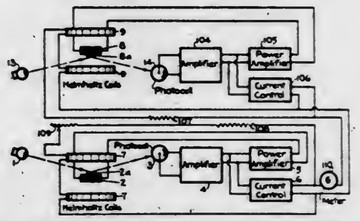
2,440,503

MAGNETIC GRADIOMETER

Charles H. Fay, Houston, Tex., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

Application January 11, 1945, Serial No. 572,278

4 Claims. (Cl. 175—183)



1. A system for measuring the gradient of a magnetic field, comprising first and second coils spaced from each other, means pivoting said coils for independent oscillation in said field, light source means, first and second photo-electric elements, optical means carried by said pivoted coils for varying the illumination of said photo-electric elements whereby the output current of said elements is varied proportionally to the oscillation of said pivotal coils, amplifier means energized by the outputs of said photo-electric elements, controlled rectifier means in circuit with said amplifier means for rectifying a portion of the output current of said amplifier means, Helmholtz coil means mounted coaxially with the pivoted coils in planes parallel and adjacent thereto, said Helmholtz coil means being energized by the direct current output of said rectifier means for neutralizing the magnetic field in which the pivoted coils oscillate, means in circuit with the amplifier means and said pivoted coils for passing through said pivoted coils the non-rectified portion of the output current of the amplifier means, and indicating means in circuit with said amplifier means for comparing the strength of the magnetic fields produced at the location of each of said pivoted coils as a resultant of said magnetic field and the neutralizing field of the Helmholtz coil means.

2,440,504

APPARATUS FOR ELECTROPHORETIC SEPARATION OF SOLIDS FROM LIQUIDS

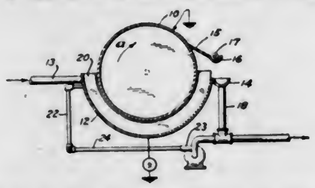
Harmon F. Fisher, Palo Alto, and Albert C. Peck, Los Altos, Calif., assignors, by mesne assignments, to The Permanente Metals Corporation, a corporation of Delaware

Application August 16, 1944, Serial No. 549,776

1 Claim. (Cl. 204—300)

In an apparatus for separating solids from their suspension in a liquid slurry which comprises a horizontal drum of electrical conducting material partially submerged in said slurry, a semi-cylindrical pan electrode for containing the slurry in which said drum is submerged, means for connecting a source of potential across said pan electrode and said drum to effect the elec-

trophoretic deposition of solids onto said drum from said slurry, dielectric baffle means secured to said pan electrode and projecting radially inwardly close to the surface of the drum, said drum extending axially beyond the baffles, said baffles thereby defining outer zones adjacent to the end portions of said drum and an inner annular zone therebetween, said baffle means being adapted to substantially separate said outer zones from said inner zone without frictional engagement with the surface of the drum, delivery means for supplying slurry to one side of the drum to effect the flow of slurry through said inner zone and in a circumferential direction around the



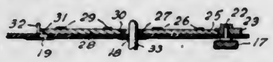
under side of the medial portion of said drum, overflow means on the opposite side of the drum to collect the clear liquid formed by passing slurry through said inner zone in such a manner as to electrophoretically deposit said solids onto the medial portion of said drum, and a conduit leading from said overflow means to said outer zones on the same side of the drum and at substantially the same height as the delivery means for recirculating a portion of said clear liquid through each of said outer zones in the same direction as said slurry and for projecting an annular stream of clear liquid inwardly therefrom and into said inner zone.

2,440,505

INTERLOCKING MEANS FOR ELECTRICAL TESTING APPARATUS OR THE LIKE

Irvin W. Folk, Belleville, N. J., assignor to Atlas Supply Company, Newark, N. J., a corporation of Delaware

Application April 18, 1946, Serial No. 662,949
5 Claims. (Cl. 74—483)



1. In a structure of the character described, a panel provided with spaced plug-receiving sockets and a rotatable member that is spaced from the sockets, a first bolt slidably mounted on the panel between said member and one of the sockets and adapted to be moved in one direction to obstruct one of the sockets when the rotatable member is turned and to lock the rotatable member against turning when a plug occupies that socket, and a second bolt slidably mounted on the panel in alignment with the first bolt and adapted to be moved in one direction by a plug introduced into the last-mentioned socket and to be moved in the opposite direction by a plug introduced into the other socket.

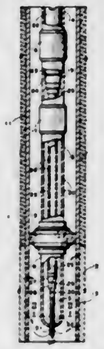
2,440,506

SUBSURFACE CHOKE

Oliver L. Furse, Overton, Tex., assignor to Standard Oil Development Company, a corporation of Delaware

Application December 27, 1943, Serial No. 515,748
5 Claims. (Cl. 166—2)

1. An assembly adapted to be secured to the lower end of a string of tubing and arranged in a well, said assembly comprising, in combination, a tubular first member with the inner wall of its upper end defining a seat, its lower end closed except for an axial circular port of smaller diameter than said seat, said first member being adapted to have its upper end secured to the lower end of the string of tubing, a second member adapted to be slidably inserted into and withdrawn from the first member and including a medial perforated tubular body portion of smaller diameter than the minimum diameter of the seat, an upper portion of said second member defining



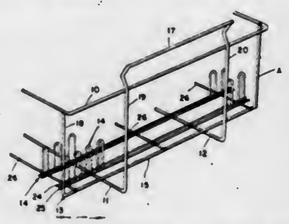
a central passage and having an exterior surface shaped to cooperate with said seat to make a fluid tight seal, and a lower solid rod portion of slightly less diameter than said axial port in the first member and making a close fit therewith, said rod portion being provided with a longitudinal groove, the second member having such a length that when inserted in the first member with its upper portion in contact with said seat the rod portion projects through the axial port with said longitudinal groove extending above and below the wall defining said port.

2,440,507

BASKET STRUCTURE

Jerry Geralds, Detroit, Mich., assignor to Mid-West Wire Products Company, Inc., Detroit, Mich., a corporation of Michigan

Original application June 22, 1942, Serial No. 448,017. Divided and this application April 19, 1943, Serial No. 483,622
2 Claims. (Cl. 220—19)



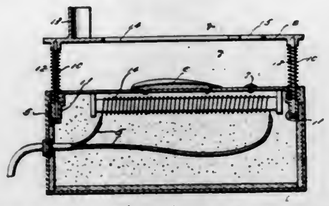
1. In a basket structure, a rack forming an open mesh bottom comprising a frame, a series of spaced pairs of spaced metal bars extending across said frame and secured thereto, and a series of spaced upwardly extending metal rods each having one end arranged between the spaced bars of each pair and rigidly connected at said end to each of said bars on opposite sides of each member.

2,440,508

PRODUCTION OF ARCH OR LIKE SUPPORTS

William L. Gould, Albany, N. Y.

Application January 21, 1944, Serial No. 519,220
3 Claims. (Cl. 18—35)



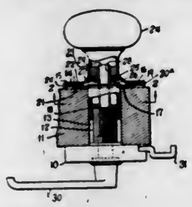
1. The herein described method of producing a support for an arch of the foot, which method consists in providing a pattern sheet of plastic material, yieldingly supporting the pattern above and spaced from a fixed shaping mold, and using the foot to move the pattern downwardly into engagement with the shaping mold so that the pattern will be shaped directly to the arch of the foot.

2,440,509

LATCH CONSTRUCTION MOUNTING MEANS

Gotthard Hagstrom, New Haven, Conn., assignor, by mesne assignments, to The Pioneer Hardware Corporation, Bridgeport, Conn., a corporation of Connecticut

Application June 14, 1946, Serial No. 676,791
6 Claims. (Cl. 292—348)



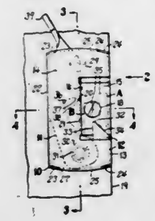
1. A latch construction, including in combination: a first latch-unit designed and adapted for engagement with one face of a door and provided with a threaded portion having its axis extending in a direction transverse of such door; and a second latch-unit designed and adapted for engagement with the opposite face of the door from the said first latch-unit and provided with a threaded portion threadedly engageable with the threaded portion of the said first latch-unit and jointly therewith providing coupling-means to couple the two latch-units together; one of the said latch-units including a clamping-member rigid with its said threaded portion and formed with a wrench-receiving recess constructed and arranged to receive a tool whereby the clamping-member and its rigid threaded portion may be turned with respect to the threaded portion of the other latch-unit to clamp a door between the two said latch-units, and a cover-member covering the outer face of the said clamping-member and formed with a clearance-opening located so as to be movable into and out of registry with the wrench-receiving recess of the clamping-member, the said cover-member being rotatable with respect to the said clamping-member to move its clearance-opening into and out of registry with the wrench-receiving recess in the clamping-member.

2,440,510

KEEPER OR STRIKER FOR LATCHES AND THE LIKE

Gotthard Hagstrom, New Haven, Conn., assignor, by mesne assignments, to The Pioneer Hardware Corporation, Bridgeport, Conn., a corporation of Connecticut

Application June 14, 1946, Serial No. 676,792
5 Claims. (Cl. 292—340)



1. A keeper for latches and the like, including in combination: a cover-member having a front face-portion and a side face-portion projecting from the said front face-portion at substantially a right angle, a part of the said front face-portion and a part of the said side face-portion intermediate the respective opposite ends of the cover-member being respectively deflected to provide the said front face-portion with a side panel extending in substantial parallelism with the said side face-portion, and to provide the said side face-portion with a front panel extending in substantial parallelism with the said front face-portion; a latch-retaining member extending to the rear of the said front panel and having a portion extending forwardly thereof toward the said front face-portion and there provided with a latch-retaining abutment and an inclined striker-surface; and a locking-member movably mounted intermediate the side-face portion of the said cover-member and the said latch-retaining member and having a locking-abutment located adjacent the said latch-retaining abutment.

2,440,511

RADIATION DETECTOR

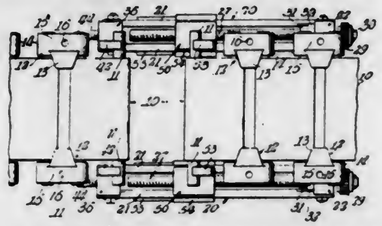
Donald G. C. Hare, Roslyn, N. Y., assignor to Texaco Development Corporation, New York, N. Y., a corporation of Delaware

Application December 29, 1944, Serial No. 570,264
7 Claims. (Cl. 250—83.6)



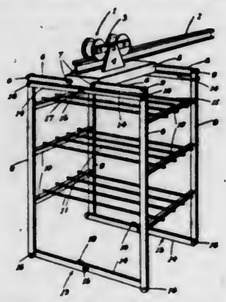
7. A device for detecting gamma rays comprising a housing, a plurality of metallic, frusto-conical plate members in said housing, said members being disposed in an intermeshed, separated relation about a center axis and connected together to form a cathode, an anchor member disposed so as to coincide with said center axis, a plurality of anode wires attached to said anchor member and extending outwardly through the spaces between and parallel to said plate members, and an ionizable medium in said housing.

2,440,512
ENDLESS TRACK TOOL
Frank J. Jakoubek, Elmwood Park, and William E. Gahl, Berwyn, Ill., assignors to Templeton, Kenly & Co. Inc., Chicago, Ill., a corporation of Illinois
Application January 9, 1943, Serial No. 471,912
14 Claims. (Cl. 59—7)



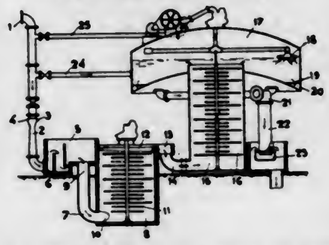
1. A tool of the kind described and embodying therein means providing a rigid beam, block-like members mounted on said beam for a relative longitudinal movement thereon, one of said members carrying a part for detachable engagement with a part of the connector plate mounted on adjacent trunnions of an endless track structure, a pair of laterally spaced projecting members carried by the other member and positioned in alignment with and adapted to engage said trunnions, when said other member moves toward the first mentioned one, means for producing said relative movement between said block-like members, and means carried by said one of said block-like members for engaging another part of said connector plate to prevent tipping thereof when said laterally spaced projecting members engage said trunnions.

2,440,513
SMOKEHOUSE RACK
Gottfried Kaelin and Calavah G. Garey, Sacramento, Calif.
Application September 3, 1946, Serial No. 694,578
8 Claims. (Cl. 211—178)



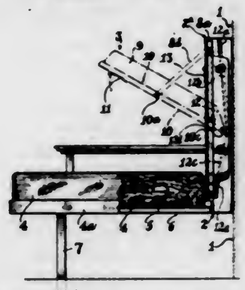
2. A collapsible rack comprising a rectangular head, a pair of swing links pivotally connected at one end to each end of the head and projecting laterally in opposite directions therefrom when the rack is unfolded, a substantially vertical corner post pivoted at its upper end on and depending from the other end of each swing link, vertically spaced cross bars connected between corresponding corner posts on each side of the rack, corresponding cross bars on opposite sides of the rack being horizontally alined, rods extending between and removably engaging said alined, corresponding cross bars, and releasable means operative to prevent downward swinging of said links from their laterally projecting position; said releasable means including a foldable brace link unit pivotally connected between the corner posts at each end of the rack.

2,440,514
PROCESS FOR THE PURIFICATION OF RAW WATER FROM COLLOIDAL HUMIC SUBSTANCES
Adolf Magnus Rupert Karlstrom, Goteborg, Sweden
Application November 16, 1944, Serial No. 563,711
In Sweden November 23, 1943
2 Claims. (Cl. 210—16)



1. A process for the purification of raw water from colloidal humic substances, comprising, in combination, introduction of air into the water, addition of water soluble salt with trivalent positive ion of one of the metals aluminium, iron and chromium, subsequent slow agitation of the water for the coagulation of the humic substances, and separation by flotation of the coagulated humic substances from the water.

2,440,515
CONVERTIBLE BERTH OR BED LOUNGE AND LIKE DEVICES
Stephen A. Kelly, Jr., Manhasset, and William R. Lindsay, Floral Park, N. Y., assignors to Kelcon Corporation, Flushing, N. Y., a corporation of New York
Application January 29, 1946, Serial No. 643,986
6 Claims. (Cl. 5—59)



5. A convertible bed-lounge embodying, in combination, a bed-mattress, a mattress-supporting structure for holding the mattress in horizontal position, a lounge-back housing having a top rail positioned at conventional lounge-back height and extending along one side edge of the said mattress-supporting structure in a vertical plane, a pair of arcuately-swinging arms pivotally mounted at their upper ends to said housing and having their lower ends movable in the arc of a circle from a position parallel with said housing to a position over said mattress and mattress supporting structure, and a dual-surfaced lounge-seat-back having a pivotal connection between its upper and lower edges with the outer ends of said arcuately-swinging pivoted arms, said seat-back being pivotally-movable and invertible in said arcuately-swinging arms and extensible therewith over a portion of the said mattress and mattress-supporting structure to present one of said dual surfaces outwardly and with said mattress to produce a lounge and also being reversely invertible into retracted position to present the other of said dual surfaces outwardly in substantial alignment with said housing out of contact with said mattress to clear the surface thereof for use as a bed, said housing being provided internally with a track and one transverse edge of said seat-back being provided with a guiding roller adapted to roll on said track and to guide the extending and retracting movements of the seatback during inversion thereof, said track being composed of two straight portions inclined rearwardly within the casing and meeting intermediate the ends of said track to facilitate the movement of the roller in opposite directions thereon, and to provide a stop point in the reversible movement to enable facile making-up of the bed.

2,440,516
POLYESTER-POLYAMIDE CONDENSATION PRODUCTS AND PROCESS OF PRODUCING THE SAME
Edward L. Kropa, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application May 26, 1939, Serial No. 275,819
6 Claims. (Cl. 260—6)

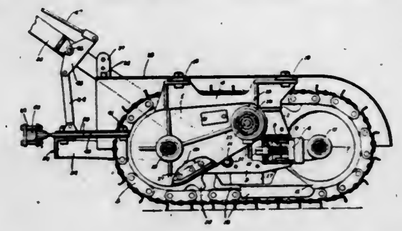
1. A process which includes reacting a monoalkylol amine, an amino acid which does not lose ammonia upon heating and a dicarboxylic acid which does not form an anhydride upon heating and which does not contain an alpha, beta-unsaturation, the molal ratio of monoalkylol amine to dicarboxylic acid being 1:1 and the reaction being carried far enough to produce a resin having an acid number and an amine number each less than about 5.

2,440,517
COATED MEAT PRODUCT AND PROCESS
Jean N. Lesparre, Chicago, Ill., assignor to Armour and Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application June 7, 1943, Serial No. 489,987
8 Claims. (Cl. 99—157)

1. A coated meat product comprising an interior body portion of cooked comminuted meat and an exterior covering adhering tightly to the surface of said body portion, said covering including a mixture containing approximately 100 parts of milk, between 10 and 25 parts of fat, and between 3 and 8 parts of gelatinized starch, all of the proportions being by weight, the covering being substantially solid at normal atmospheric temperatures.

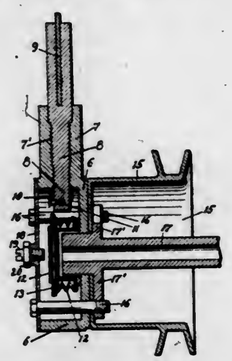
2,440,518
ENDLESS TRACK TYPE ROW CROP TRACTOR
Frederick G. Lewis and Charles P. Stephen, Stockton, Calif.
Application May 20, 1946, Serial No. 670,936
13 Claims. (Cl. 180—9.1)

1. A garden type, handle controlled tractor comprising a chassis having a longitudinally extending case, an engine above and supported by the case, a driven rear shaft extending transversely in journaled relation through the case toward its rear end, and projecting on opposite sides thereof, a transverse front spindle unit, means mounting the front spindle unit in connection with the forward portion of the case, a transversely spaced pair of crawler track assemblies connected between corresponding ends of



the rear shaft and front spindle unit on opposite sides of the case, and drive means included in part in the case, between the engine and said shaft; said drive means including an intermediate shaft extending from exteriorly thereof into the case some distance ahead of the rear shaft, driving connections between the engine and intermediate shaft exteriorly of the case, and other driving connections between the intermediate shaft and rear shaft interiorly of the case.

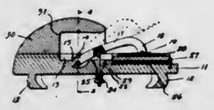
2,440,519
MOTOR FAN BLADE CONTROL
Edward Mooney, Venice, Calif.
Application June 6, 1945, Serial No. 597,860
2 Claims. (Cl. 230—270)



1. An air circulating fan structure including a cup-like body having radially extending bearing arms bored and threaded with low pitch threads, a fan blade with shaft correspondingly threaded for each of said arms, the ends of said shafts extending into said cup-like body and provided with coiled springs and laterally extending fingers, a thermostat mounted axially in said cup-like body, said thermostat having thereon laterally extending fingers positioned to engage crosswise the fingers on said shafts, whereby each finger projecting from said thermostat engages a finger on one of said fan shafts for imparting a turning movement to said shaft and fan blade, the threads between said shafts and said bearing arms being such that centrifugal force cannot cause any

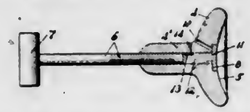
turning of said shaft and fan blade, said thermostat operating to automatically turn said shaft and fan blade to change the pitch of the fan blade.

2,440,520
RAZOR BLADE SHARPENER
Eric Olson, Beloit, Wis.
Application December 6, 1946, Serial No. 714,524
5 Claims. (Cl. 51—158)



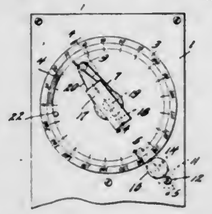
2. A razor blade sharpening device comprising a base member, a crankshaft journaled in said base member, an arm connected to said crankshaft for reciprocating movement responsive to rotation of said crankshaft, means carried by said arm adapted to interlock with a razor blade, a hone element on said base member subadjacent to said means, and spring means biasing said arm downwardly.

2,440,521
PESSARY
Harry E. Opperman, Sr., and Harry E. Opperman, Jr., Los Angeles, Calif.
Application October 1, 1945, Serial No. 619,504
4 Claims. (Cl. 128—127)



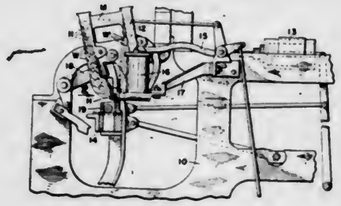
1. A pessary provided with a releasable valve and means forming a part thereof and manually operable for releasing said valve to relieve vacuum tendency when it is desired to remove said pessary from the uterus.

2,440,522
STOP FOR DIAL INDICATORS
Clarence S. Ost, Atlantic City, N. J.
Application August 14, 1946, Serial No. 690,452
1 Claim. (Cl. 74—526)



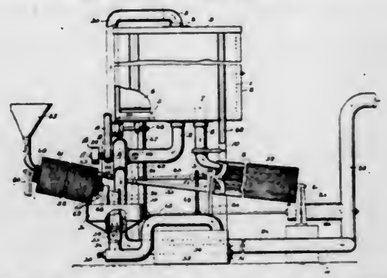
In a stop for dial indicators in combination with a face plate having a dial thereon, a rotatable arm on the front of the face plate, an upstanding post at the outer end of said arm, a relatively large rotatable disk on the back of the face plate secured to said arm, operable means extending through the face place for clamping the disk to the rear of the face plate in any selected rotated position to thereby also lock the arm on the front of the face plate in a desired selected position, a pointer arm adapted to be limited in its reset position by the said post on said arm, and means on the said disk for limiting the movement of said first mentioned arm.

2,440,523
PNEUMATIC THREAD HOLDER FOR MULTI-STACK MAGAZINES
George N. Peterson, Grafton, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application April 2, 1947, Serial No. 738,861
11 Claims. (Cl. 139—247)



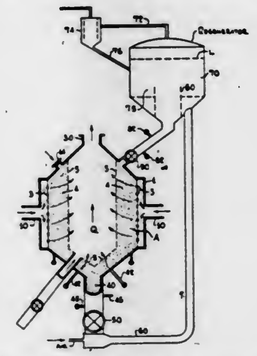
1. In a pneumatic thread holder for a weft replenishing loom having two groups of weft ends leading from a reserve bobbin magazine, thread holder means containing a thread passage transverse of said weft ends and within which subatmospheric pressures exist, said passage having a thread intake mouth formed with a curved surface convex toward the magazine and along which the weft ends of one of said groups are distributed, and guide means fixed with respect to said holder means spaced from said passage and having a curved edge convex toward the magazine and farther from the latter than is said curved surface and along which the weft ends of the other groups are distributed and from which the second group enters said passage spaced from the first group.

2,440,524
COMBINED CLEANER, DRIER, AND GRAINERY
Bertram V. Rains, Raymondville, Tex.
Application December 23, 1943, Serial No. 515,461
12 Claims. (Cl. 209—10)



10. In a combined grainery and drier including a housing for grain to be stored, a blower having an inlet and outlet, a duct connecting the inlet of said blower and said housing, an air heating apparatus, a duct connecting said heating apparatus and said housing and subjected to suction from said pump inlet through said housing, means for feeding grain to said duct connecting said heating apparatus and housing for movement to said housing by suction, a grain cooling screen, means for discharging grain from said housing to said screen, means for feeding air from said blower to said screen, means for feeding unheated air into the duct connecting said blower and housing, and means for moving the grain discharging from said screen by the exhaust from said blower.

2,440,525
DEHYDROGENATION OF HYDROCARBONS
Bruno E. Roetheli, Cranford, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application June 24, 1944, Serial No. 541,918
10 Claims. (Cl. 260—683.3)

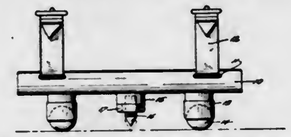


5. A continuous method for dehydrogenating a paraffin in vapor phase, which comprises continuously discharging vapor of the paraffin to be dehydrogenated into a fluidized mass of a dehydrogenation catalyst within a reaction zone, said fluidized mass of catalyst having an annular form, adjusting the velocity of the vapor with horizontal and vertically upward flow direction components through the fluidized mass of catalyst within the reaction zone so as to limit contact between the vapor and catalyst within the range of from ¼ to 4 seconds' residence time, withdrawing a dehydrogenated paraffin vapor product upwardly from said fluidized mass of catalyst, immediately quenching said withdrawn product in an upwardly flowing admixed stream of gaseous cooling medium, withdrawing catalyst continuously from the reaction zone, regenerating the catalyst withdrawn from the reaction zone by contact with an oxygen-containing gas in the regeneration zone, and returning regenerated catalyst while still hot from the regeneration zone to the reaction zone.

2,440,526
FIBROUS SHEET MATERIAL FOR THE ELECTROLYTIC FORMATION OF AN AZO DYESTUFF THEREON
Myer Solomon, deceased, late of Westmont, N. J., by Nellie W. Solomon, administratrix, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
No Drawing. Application December 23, 1942, Serial No. 469,958
8 Claims. (Cl. 204—2)

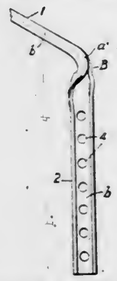
1. A fibrous sheet material for the electrolytic formation of an azo dyestuff thereon having the surface thereof uniformly treated with an aqueous solution of a dyestuff forming composition consisting substantially of a diazotizable primary amine, a sufficient quantity of an alkali metal nitrite to produce the nitrite ions necessary for diazotization of said amine under the influence of the electrolyzing current, a water soluble neutral inorganic salt in addition to said nitrite as the electrolyte in an amount to insure passage of the electrolyzing current, a sufficient quantity of an azo dye coupling component to couple with the diazonium compound when formed to produce an azo dye, and a quantity of alkali sufficient to impart to said composition a pH on the alkaline side to thereby preclude diazonium salt formation until the fibrous sheet material is subjected to the action of the electrolyzing current said fibrous sheet material being free from any azo dyestuff.

2,440,527
ACETYLENE TORCH CUTTER SUPPORT
Hyrum M. Talley, Alhambra, Calif., assignor to American Pipe and Steel Corporation, Alhambra, Calif., a corporation of California
Application September 4, 1944, Serial No. 552,648
4 Claims. (Cl. 280—29)



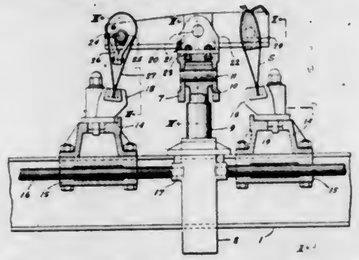
1. An acetylene torch cutter's support comprising a table adapted to support the forearm of the operator, means for fastening the table to the forearm of the operator and a plurality of balls mounted for rotation on the underside of the table and serving to rollably support the same for movement in any direction, said balls being arranged close together in a direction transverse of the table and sufficiently spaced from the underside of the table so that they may ride a right angled edge of a plate to be bevelled without the edge contacting the underside of the table.

2,440,528
EAVES TROUGH SHANK
Henry E. Usinger, Pitman, N. J., assignor to Berger Bros. Company, Philadelphia, Pa., a corporation of Pennsylvania
Application September 12, 1944, Serial No. 553,725
1 Claim. (Cl. 248—48.1)



A gutter supporting shank formed from channel stock into a plate and stem, the channel stock intermediate its ends being bent into tubular form with the edges of the flanges in substantial contact, said tubular portion bent so that the plate and stem will be at an angle to each other and twisted so that the webs of the channel section portions in the plate and stem will extend at right angles to each other.

2,440,529
BALANCED ADAPTER AND NARROW DIE FOR STRETCHING PRESSES
Earl M. Welser, Akron, Ohio, assignor to Goodyear Aircraft Corporation, Akron, Ohio, a corporation of Delaware
Application May 8, 1945, Serial No. 592,704
10 Claims. (Cl. 153—48)

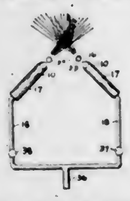


10. In combination, a die, beam means mounting the die adjacent one end of the beam means, a hold-down secured adjacent the other end of the beam means, clamping means in substantial alignment with the die, means pivotally supporting the beam means between its ends, and means for effecting relative movement of the beam supporting means with respect to the clamping means and hold-down so as to stretch material over the die when held by the clamping means.

2,440,530
STABILIZED ORGANIC COMPOSITIONS
Wallace J. Yates, Martinez, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application November 4, 1944, Serial No. 562,039
7 Claims. (Cl. 252—51.5)

1. A refined mineral oil which is normally subject to oxidative decomposition in the presence of a metal surface and containing a total of about 0.01% to 0.5% by weight of tetramethyldiamino diphenylmethane and a saturated alkyl succinic acid of at least 16 carbon atoms, the tetramethyldiamino diphenylmethane being present in a minimum amount of about 0.01% and the balance, not less than 0.0025% being a saturated alkyl succinic acid, the total amount not exceeding 0.5% by weight.

2,440,531
APPARATUS FOR MAKING METAL POWDER
Walter Zebroski, New York, N. Y.
Application May 1, 1946, Serial No. 666,462
1 Claim. (Cl. 18—2.5)



In an apparatus for atomizing metals, a melting pot having two or more discharge openings for delivering thin streams of molten metal, and a gas nozzle associated with each of said openings for discharging gas streams across the path of said metal streams, said gas nozzles being positioned at an angle to each other whereby the paths of the streams therefrom commingle beyond the points at which they encounter the metal streams.

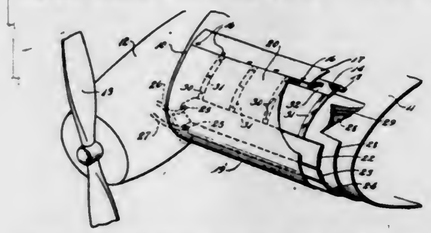
2,440,532
CLAMPING DEVICE FOR CABLES AND WIRES AND RODS
John Edwin Anderson, Los Angeles, Calif.
Application February 1, 1944, Serial No. 520,699
2 Claims. (Cl. 24—135)



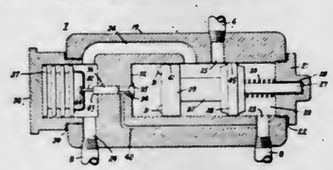
1. A clamp of the character described comprising a pair of body portions arranged in face-to-face relation, a perforated lug on one end of each of said body portions, means on each of said body portions extending angularly therefrom and slidable through the perforation in said lug on the other of said body portions for forcing said body portions toward each other, each of said body portions having a plurality of grooves extending transversely thereof in its inner face, said grooves of each of said body portions registering, respectively, with those of the other of said body portions whereby said grooves are arranged in pairs with each of said pairs of grooves defining a socket for the reception of a member to be clamped and whereby each of a plurality of said members is individually and separately clamped by both of said body portions when said forcing means is actuated, the angularity of each of said forcing means with respect to the plane containing the axes of said members being oblique, and a projection on each of said body portions having a flat face disposed at an oblique angle with respect to the associated body portion and parallel to said forcing means of the other of said body portions, each of said flat, oblique faces slidably engaging a complementarily oblique flat surface on the other body portion parallel to and adjacent the base of said forcing means on said other body portion, whereby actuation of said forcing means results in engagement of said body portions with each of said members in an oblique, rotating action about the axis of said member.

2,440,533
ICE REMOVING APPARATUS FOR AIRFOILS
John O. Antonson, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application March 21, 1944, Serial No. 527,388
5 Claims. (Cl. 244—134)

1. Apparatus for preventing the accumulation of ice on the leading edge of an airfoil, said apparatus comprising a covering of resilient rubber-like material for said leading edge having an expansible zone and a stretchable portion between said zone and a margin of the covering, and means for attaching said covering at said margin, the covering in said expansible zone including a plurality of adjacent inflatable portions extending spanwise in side-by-side relation along the covering and serially arranged in the chordwise direction, at least one of said inflatable portions including stretch-resisting material and being constructed and arranged for imparting upon inflation a stretching force to said stretchable portion, and another of said inflatable portions to one side of the first inflatable portion having a margin thereof extending along in close proximity to an adjacent margin of the first said inflatable portion and including material of relatively high stretchability as compared to said stretch-resisting material of the first said inflatable portion and being constructed and arranged for local inflation by virtue of its high stretchability without exerting substantial stretching force on said stretchable portion.



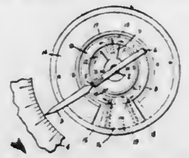
2,440,534
SELECTING VALVE FOR TWO-TEMPERATURE REFRIGERATING SYSTEMS
Leonard W. Atchison, Erie, Pa., assignor to General Electric Company, a corporation of New York
Application January 4, 1947, Serial No. 720,255
10 Claims. (Cl. 62—3)



1. In a refrigerating system, a low temperature evaporator, a higher temperature evaporator, means for withdrawing vaporized refrigerant from said evaporators, means for maintaining said evaporators at different pressures, said last-mentioned means including means responsive to the difference of pressure between said evaporators for selectively connecting one or another of said evaporators to said withdrawing means, and means responsive to a condition of one of said evaporators for modifying the operation of said pressure-responsive means.

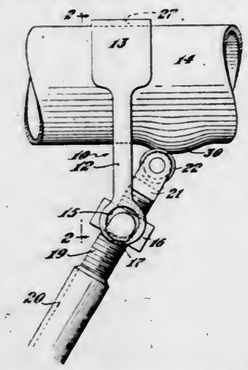
2,440,535
DOUBLE CONCENTRIC AIR GAP PERMANENT MAGNET INSTRUMENT
Frank Baranowski, Jr., Boston, Mass., assignor to General Electric Company, a corporation of New York
Application June 10, 1947, Serial No. 753,611
3 Claims. (Cl. 171—95)

1. An electrical measuring instrument comprising an inner magnetic circuit containing a circular air gap and a permanent magnet for producing a flux across such gap, an outer magnetic circuit containing a second circular air gap and a second permanent magnet for producing a flux across such second air gap, said two circular air gaps being concentric with respect to the same axis and an armature coil pivoted for rotation about said axis, said armature having one coil side in the first-mentioned air gap and the other coil side in the second air gap, said permanent



magnets producing fluxes across said gaps in such relative directions as to cause both coil sides to produce torques in the same direction of rotation about such axis when the coil is energized by direct current.

2,440,536
TUBE ROLLER
John J. Begley, Arlington, Mass., assignor to Mutual Boiler Insurance Company, Boston, Mass., a corporation of Massachusetts
Application December 27, 1946, Serial No. 718,763
7 Claims. (Cl. 153—39)

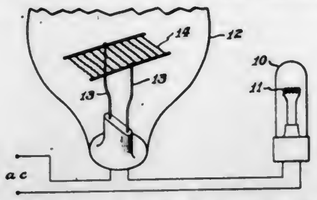


1. A tube roller comprising a U-shaped strap member adapted to straddle a tube, said strap member including a pair of legs and an end portion extending between the legs and a roller mechanism having one end pivotally supported by one of said legs and the other end pivotally supported by the other leg thereby to form an axis of pivotal movement for the roller mechanism, said roller mechanism comprising a roller adapted to bear on the tube and mounted for pivotal movement about an axis located in offset relationship to said axis of pivotal movement for the roller mechanism, and means by which in use the roller mechanism is moved about its said axis for pivotal movement.

2,440,537
EXCITER LAMP SUPPLY
Herbert Belar, Palmyra, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application October 31, 1942, Serial No. 464,131
3 Claims. (Cl. 315—179)

1. A photoelectric sound reproducing system, including the combination of an exciter lamp, terminal connections to a source of alternating voltage for said lamp, and a resistor of low ther-

mal inertia connected in series between said lamp and said terminal connections and having a resistance which varies with the amplitude of said voltage during a period which is small in relation to a half cycle of said voltage.

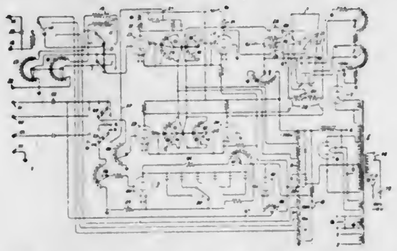


2,440,538

PORTABLE CATHODE-RAY OSCILLOSCOPE

Harry W. A. Chalberg, Berne, N. Y., assignor to General Electric Company, a corporation of New York

Application April 26, 1946, Serial No. 665,304
2 Claims. (Cl. 315—26)



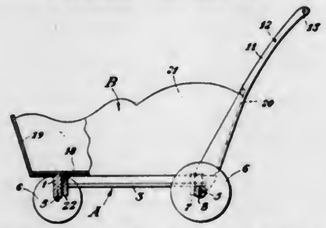
1. A combined amplifier and positioner for cathode-ray oscilloscopes for amplifying deflection plate voltages and positioning the cathode-ray beam, comprising a pair of vacuum tubes having plate, cathode, control grid, and screen grid electrodes, means for impressing the signal to be amplified on the control grid of one of said tubes, means connecting said tubes as a cathode coupled phase inverter, and means for simultaneously and inversely varying the voltage between the screen grids of said tubes and their corresponding cathodes for cathode-ray tube beam positioning purposes.

2,440,539

COMBINED PERAMBULATOR AND CRADLE OR THE LIKE

Everest P. Derthick, Russell, Ohio

Application April 12, 1945, Serial No. 587,912
5 Claims. (Cl. 280—31)



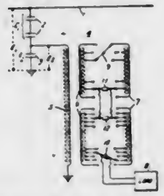
2. An article of the character described comprising a chassis including bolsters having kerfs in their upper sides adjacent the ends thereof, and a body consisting of a cradle adapted to rest on the chassis and being otherwise detached therefrom, said cradle including a bottom wall, and side walls that extend below said bottom wall and the lower edges of which are arranged to occupy the aforesaid kerfs, and rockers rigidly fastened to said bottom wall for cooperation with the bolsters to hold the body against appreciable movement longitudinally of the chassis, the side walls and rockers of the cradle cooperating with both bolsters in identical fashion whereby the cradle may be reversed with respect to the chassis.

2,440,540

TRANSFORMER

John W. Farr, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York

Application October 22, 1945, Serial No. 623,816
18 Claims. (Cl. 171—119)



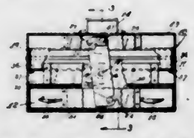
4. An adjustable transformer for potential device circuits which is particularly adapted for connection between a capacitance potentiometer and a load comprising, in combination, a magnetic core, a magnetic shunt for said core, primary and secondary electric circuits each linking said core with a plurality of turns, said turns being grouped into a total of three windings none of which is on said magnetic shunt, and adjustable means which is exclusive of any separate impedance device for varying the effective number of turns of certain of said windings for adjusting the reactance of said transformer.

2,440,541

BOX HAVING A DRAWER AND A COVER AND INTERCONNECTED LATCHING AND LOCKING MEANS THEREFOR

Charles B. Gash, Oak Park, Ill.

Application August 26, 1944, Serial No. 551,371
5 Claims. (Cl. 312—193)



1. A box open at the upper end and having an opening in a front wall thereof, a cover providing a closure for the upper end of the box, means hinging the cover to the box, a drawer positioned in the box and slidable through the opening in the front wall thereof, a latch element pivotally mounted on the front wall of the box with the upper end extending for engagement with the cover and the lower end for engagement with the drawer, said latch element locking the cover and drawer in their closed positions respectively, and positioned on the inside of the box and cover, and a handle on the outside of the box attached to the latch for operation thereof.

2,440,542

VOLATILE FLUORIDE RECOVERY

Everett C. Hughes, Cleveland Heights, Ohio, assignor to The Standard Oil Company, Cleveland, Ohio, a corporation of Ohio

No Drawing. Application July 17, 1942, Serial No. 451,289
18 Claims. (Cl. 23—205)

14. In a continuous process of recovering hydrogen fluoride and boron fluoride contained in off-gas from a catalytic hydrocarbon operation, the steps which comprise contacting said gases in an absorbing zone with an absorbent, the primary absorbing component of which is a dihydroxyfluoboric acid maintained at a temperature to absorb at least part of both the hydrogen fluoride and the boron fluoride from said gas in the dihydroxyfluoboric acid, passing the dihydroxyfluoboric acid containing the absorbed fluorides to a fluoride liberating zone maintained at a temperature higher than the temperature of the absorbing zone whereby at least part of both the hydrogen fluoride and the boron fluoride is liberated and can be recovered and reused, and repeatedly returning the denuded dihydroxyfluoboric acid to the absorbing zone for further absorbing of the fluorides and then to the liberating zone.

2,440,543

RECOVERY OF CATALYST FROM MIXTURES OF HYDROCARBONS THEREWITH IN THE LIQUID PHASE

Everett C. Hughes, Cleveland Heights, Ohio, assignor to The Standard Oil Company, Cleveland, Ohio, a corporation of Ohio

No Drawing. Application April 27, 1944, Serial No. 533,050
20 Claims. (Cl. 23—205)

18. A method of recovering hydrogen fluoride and boron trifluoride from a liquid catalyst phase containing said fluorides in the form of a fluoride-hydrocarbon complex as a result of treating said hydrocarbon with liquid hydrogen fluoride containing boron trifluoride; which method comprises contacting said liquid catalyst phase with an oxyfluoboric acid in an absorbing zone at a temperature at which said fluorides are absorbed in said oxyfluoboric acid, transferring said oxyfluoboric acid in which the fluorides are absorbed to a fluoride liberating zone, liberating the fluorides by heating to a temperature higher than in the absorbing zone, and returning the denuded oxyfluoboric acid to the absorbing zone to absorb the fluorides from an additional quantity of the liquid catalyst phase.

2,440,544

MULTIPLE UNIT FURNITURE

Parker H. James, Indianapolis, Ind.

Application July 31, 1945, Serial No. 607,931
5 Claims. (Cl. 312—107)



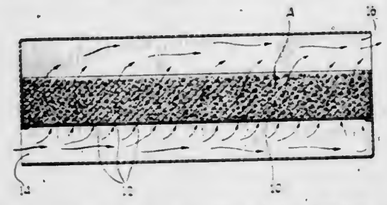
1. In an article of furniture, a pair of shell sections, each having a front and an end wall, and a curved portion interconnecting those walls; the end of one of said front walls opposite said end wall having a rearwardly curved portion, the edge of which abuts said curved portion of the other shell; and means interconnecting said shells at said abutment; the radius of curvature of both of said curved portions being substantially the same; and said abutting curved portion having substantially half the circumferential length as that of the abutted curved portion and abusing that curved portion at substantially midway of its length.

2,440,545

PREPARATION OF YEAST AND OF YEAST- AND VITAMIN-RICH PRODUCTS

George A. Jeffreys, Salem, Va., assignor, by direct and mesne assignments, to Nelson Littell, New Canaan, Conn.

Application November 3, 1941, Serial No. 417,708
11 Claims. (Cl. 195—82)



1. A process for producing yeast which comprises forming a coating of an active yeast wort on vegetable granules which contain nutrients assimilable by yeast and aerating and incubating an air-pervious mass of the coated particles while maintaining the mass at temperatures conducive to active yeast propagation.

2,440,546

SYMBIOTIC PROCESS FOR PREPARING YEAST AND OTHER PRODUCTS

George A. Jeffreys, Salem, Va., assignor, by direct and mesne assignments, to Nelson Littell, New Canaan, Conn.

No Drawing. Application November 3, 1941, Serial No. 417,709
11 Claims. (Cl. 195—90)

1. A process for producing yeast- and vitamin-rich products which comprises forming air-pervious masses of vegetable particles coated with thin films of active yeast wort containing live spores of molds that in growing produce enzymes acting to convert constituents of said particles into substances readily assimilable by growing yeast and symbiotically cultivating yeast in said films in conjunction with a growth of said molds by aerating said masses while maintaining the same at temperatures conducive to active yeast propagation.

2,440,547

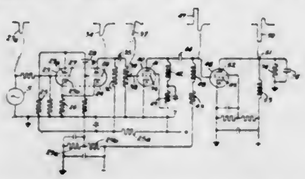
PULSE GENERATOR

Richard C. Jensen, Scotia, N. Y., assignor to General Electric Company, a corporation of New York

Original application January 23, 1943, Serial No. 473,279. Divided and this application April 12, 1944, Serial No. 530,624
2 Claims. (Cl. 250—27)

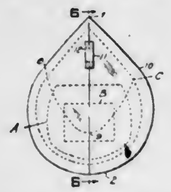
2. A pulse generating circuit comprising a first, normally conductive, discharge device having an input circuit and having a substantially aperiodic ouput circuit including an inductive reactance, a source of triggering voltage pulses of peaked waveform, means for impressing a negative triggering pulse from said source on said input circuit, said pulse having sufficient amplitude to drive said device beyond cutoff,

thereby to induce a positive voltage pulse of steep wave front and predetermined duration across said reactance, a second, normally non-conductive, discharge device having a substantially aperiodic grid circuit and a load circuit, and means to impress said induced pulse on



said grid circuit, said induced pulse having sufficient amplitude to drive said second device abruptly beyond saturation, said aperiodic circuits being damped for undesired negative transients by return of said first device to conductive condition at the termination of said induced pulse.

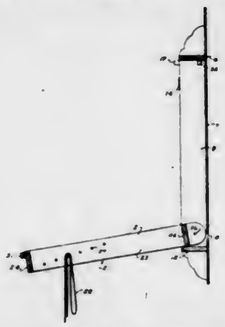
2,440,548
MANUFACTURE OF SHOULDER PADS
Katherine Kerrigan, Waverly, N. Y.
Application April 11, 1946, Serial No. 661,222
3 Claims. (Cl. 2—268)



1. A shoulder pad of concavo-convex form having a rounded base at one end and a point at the other with sides which merge into the base, adapted to fit with the tip of the shoulder in the concavity of the pad and the point of the pad directed towards the base of the neck, said pad having a top-surface of non-skid material and comprising a plurality of laminations at least one of which is of stiffening material and another of filling material, and means secured to the top-surface of the pad for removably attaching the same to a shoulder strap, said pad being adapted to be held on the shoulder solely by its non-skid top-surface, by its concavity and its attachment to said shoulder strap.

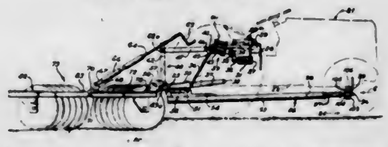
2,440,549
NECKTIE CABINET HAVING OUTWARDLY SWINGABLE RACK
Fred H. Kiser, Los Angeles, Calif.
Application August 22, 1944, Serial No. 550,516
1 Claim. (Cl. 312—185)

In a necktie storage device of the character described, a cabinet comprising a back wall, top, bottom and side walls, and a front wall movable optionally to open or closed position with relation to said walls, a pair of axially aligned pivot pins rigid with said side walls and extending inwardly therefrom adjacent said bottom wall, and a movable tie rack comprising side rails slightly shorter than the distance between said top and bottom walls of said cabinet and pivotally mounted adjacent their lower ends on said pivot pins, the lower ends of said side rails being rounded and the distance between said pivot pins and the upper face of said bottom wall of said cabinet being only slightly greater than the distance between said pivot pins and the front edges of said side rails whereby said rails are supported in position extending forward from said cabinet by resting on the upper front corner of said bottom wall, top and bottom rails rigidly interconnecting said side rails and retaining them in spaced, parallel relation with the distance between their outer faces slightly less than the distance between said side walls of said cabinet, and a plurality of horizontal bars rigid with both of said side rails and extending horizontally across said rack, said bars being disposed in a common



plane extending obliquely with respect to said rack so that when said rack is swung to said forwardly extending position each of said bars is at a lower elevation than the next adjacent bar between it and the pivoted, inner end of said rack whereby a greater amount of ties carried on bars nearer said inner end of said rack are visible over the bars near the outer end of said rack, and the after edge of each of said bars except the lowermost being in back of the vertical plane which includes the forward edge of the next adjacent bar therebelow when said rack is in erect position whereby ties hanging on an upper one of said bars are deflected by a lower bar to restrain said ties against displacement.

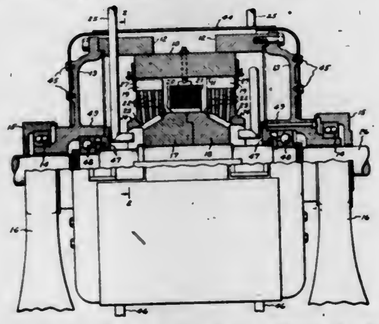
2,440,550
TRACTOR-CONVEYED IMPLEMENT AND HITCH THEREFOR
Charles H. Martin, Huntington Park, Calif., assignor to Howard B. Rapp and Sally Rapp, copartners doing business as Towner Manufacturing Co., Santa Ana, Calif.
Application September 5, 1944, Serial No. 552,727
20 Claims. (Cl. 97—50)



18. An automatic depth control apparatus for ground-working implements of the type in which bodily shift of a movable control member by force derived from ground reaction on the implement is utilized to control a power actuated lift device and in which downward force on said implement tends to cause movement of said control member, characterized by the fact that there is combined with the control member means including a

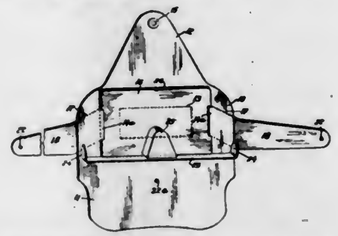
spring having means thereon for operatively associating the same with said control member for yieldingly resisting movement of the control member under the urging of the downward force exerted on the implement.

2,440,551
DYNAMOELECTRIC MACHINE WITH COOLING MEANS
Harold M. Martin, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application September 29, 1943, Serial No. 504,273
10 Claims. (Cl. 188—104)



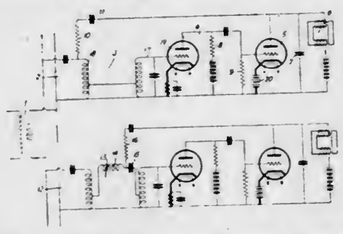
1. A dynamoelectric machine having a pair of relatively rotatable members, one of said members having a section with a relatively smooth surface and the other of said members having a toothed section with the teeth of said toothed section arranged adjacent said smooth surface and providing an air gap therebetween, means including an exciting winding for magnetically exciting said pair of relatively rotatable members, means for supplying cooling liquid into the air gap between said pair of relatively rotatable members, and means arranged in the exhaust flow path of the cooling liquid from said machine for variably controlling the exhaust flow of cooling liquid through the air gap between said relatively rotatable members.

2,440,552
SPECTACLE CASE
Peter Mittell, Providence, R. I., assignor to Windsor Case Company, Inc., Providence, R. I., a corporation of Rhode Island
Application April 15, 1947, Serial No. 741,486
8 Claims. (Cl. 206—5)



1. A receptacle of the class described comprising a pouch element formed from a one-piece blank of flexible sheet material and including a back wall panel formed with a window and with slits adjacent to the opposite ends of said window, a front wall panel disposed opposite and spaced away from said back wall panel, said front wall panel being integrally connected with the bottom of said back wall panel, and a closure flap integrally and hingedly connected with the top of said back wall panel and adapted to occupy a position alongside the exterior of said front wall panel, said closure flap being provided adjacent to its free end with the socket member of a snap fastener; a partition element disposed within the pouch element adjacent to said back wall panel and made at its opposite ends with longitudinal tang extensions that are threaded through said slits and extend around the opposite ends of the pouch element into overlapping relationship outside of said front wall panel; means fastening together the overlapping ends of said tangs, and a snap fastener stud carried by said front wall panel for co-operation with said snap fastener socket member.

2,440,553
AMPLIFIER SYSTEM
Montford Morrison, Upper Montclair, N. J.
Application August 5, 1943, Serial No. 497,497
3 Claims. (Cl. 179—171)



3. The method of signal-current amplification by regeneration which comprises receiving signal current, amplifying said current and converting the form thereof into a wave having a direct current component, discharging said wave into means having a direct-current storage characteristic, conducting feed-back current from said means into first said current for regeneration and employing said direct-current storage characteristic to limit said feed-back current to a stable amount.

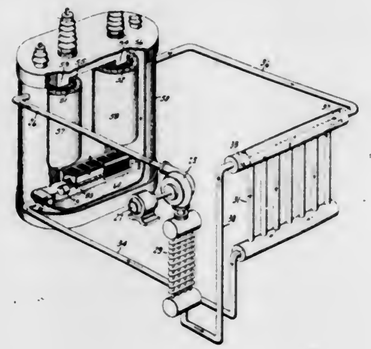
2,440,554
PROCESS FOR THE RECOVERY OF RUBBER IN PLANTS BY FERMENTING WITH CLOSTRIDIUM
Joseph Naghski, Philadelphia, Pa., Jonathan W. White, Jr., Washington, D. C., and Samuel R. Hoover, Philadelphia, Pa., assignors to the United States of America as represented by the Secretary of Agriculture
No Drawing. Application March 27, 1945, Serial No. 585,178
13 Claims. (Cl. 195—2)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. The process of recovering rubber from Cryptostegia leaves comprising the combination of steps wherein the leaves are first subjected to fermentation by *Clostridium roseum*, permitting fermentation to proceed until the protoplasts containing the rubber globules are released from the cellulose part of the plant, then isolating the released protoplasts and boiling them in an aqueous alkali in the presence of a rubber antioxidant to release the rubber globules and then recovering the rubber.

2,440,555
ABIETATE ESTER HAIR DRESSING
Allen L. Omohundro, Wilton, and Emil C. Fanto, Fairfield, Conn., assignors to McKesson & Robbins, Incorporated, Bridgeport, Conn., a corporation of Maryland
No Drawing. Application January 12, 1943, Serial No. 472,160
4 Claims. (Cl. 167—87)

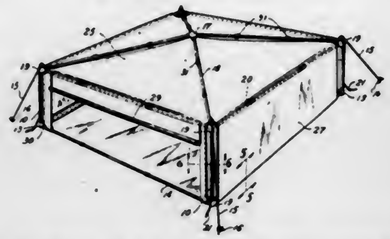
1. A non-drying hair preparation free from dyes, and containing essentially an alcoholic solution of a hair fixative ingredient of the class consisting of the esters of abietic acid and the hydrogenated esters of abietic acid in proportions of 3 to 50%.

2,440,556
ELECTRICAL APPARATUS
Konstantin K. Paluev, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York
Application March 8, 1944, Serial No. 525,570
12 Claims. (Cl. 175—361)



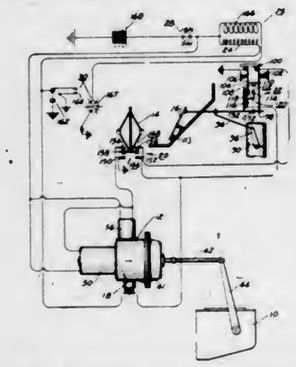
1. In an electrical apparatus, an enclosing casing, a winding having a duct, said winding being spaced from the side walls of said casing, an insulating fluid in said casing, heat exchanger means having first and second parts connected to said casing to provide a recirculating system, pump means for forcing the insulating fluid through said casing and both parts of said heat exchanger means, means including barrier means between said winding and said casing for directing the flow of the fluid through said duct, pipe means for connecting said second part of said heat exchanger means with said casing, said barrier having port means for permitting the flow of the fluid by free convection through said duct then between said winding and said casing and through said port means so as to use the fluid between said winding and casing to cool said winding, means responsive to the forcing of the fluid flow through said duct for closing said port and to the cessation of the forcing of the fluid flow through said duct for opening said port, and valve means for substantially preventing the circulation of fluid flow between said casing and said second part of said heat exchanger means through said pipe means during operation of said pump, said valve means being openable upon cessation of fluid flow by said pump so as to allow fluid flow by free convection through said duct and said second heat exchanger means.

2,440,557
FABRIC BUILDING
Clifton W. Power, Los Angeles, Calif.
Application March 5, 1945, Serial No. 581,021
15 Claims. (Cl. 135—1)



1. A device of the class described comprising means providing corner posts, an assemblable roof frame slidable upon said corner posts, means for hoisting the roof frame upwardly on the corner posts and holding it in elevated position thereon, and a tent having a roof and side walls, the tent having means by which its roof may be suspended from said roof frame.

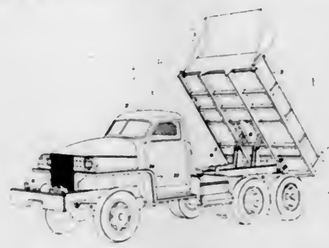
2,440,558
TRANSMISSION OPERATING MECHANISM
Harold W. Price, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application November 13, 1940, Serial No. 365,413
5 Claims. (Cl. 74—472)



1. A power actuator for an automotive vehicle change speed transmission comprising a motor including a casing and a power element, valve means for controlling the operation of said motor, and power means including a solenoid for operating said valve means and further including a holding coil operative, when energized, to supplement an operation of the motor to maintain said power element in a certain position.

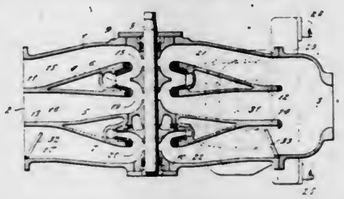
2,440,559
DUMP BODY CONTROL MECHANISM
Alexander Reichman, South Bend, Ind., assignor to The Studebaker Corporation, South Bend, Ind., a corporation of Delaware
Application December 11, 1943, Serial No. 513,933
7 Claims. (Cl. 298—22)

1. For use in a dump vehicle having a chassis, a dump body provided with hydraulically operable means for moving said dump body relative to said chassis, a pump for controlling flow of fluid to and from said hydraulically operable means, and a power takeoff mechanism, control means comprising a pair of shift rods, means for mounting said shift rods for movement substantially vertically relative to said chassis, means including a bell crank associated with one of said



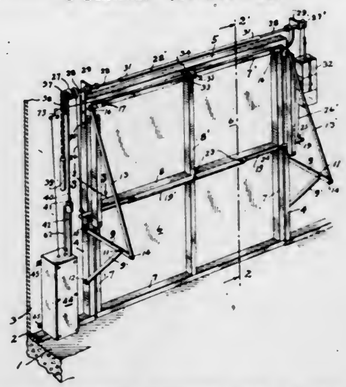
shift rods for connecting the same with said power takeoff mechanism for controlling operation of the latter by vertical movement of said shift rod, and means including a bell crank associated with the other of said shift rods for connecting the same with said pump to control operation of the latter by vertical movement of said other shift rod.

2,440,560
TWO-STAGE PUMP
Allan G. Sheppard, Elmira, N. Y., assignor to American-La France-Foamite Corporation, Elmira, N. Y., a corporation of New York
Application November 27, 1946, Serial No. 712,632
6 Claims. (Cl. 103—106)



4. A two-stage, series-parallel pump comprising: a housing; first and second stage impeller casings mounted within the housing and laterally spaced from each other and from the housing side walls to provide first stage inlet spaces between the first stage casing and its proximate housing side wall and between the casings, and a second stage inlet space between the second stage casing and its proximate housing side wall; a water inlet to the housing adapted to supply all three of said inlet spaces; a large capacity first stage impeller and a smaller capacity second stage impeller mounted in the respective casings; dual casing inlets to the opposite sides of the first stage impeller communicating with said first stage inlet spaces, and a single casing inlet to the second stage impeller communicating with said second stage inlet space; a discharge header; a first discharge passage from the first stage casing communicating with the header and with the second stage inlet space, and a second discharge passage from the second stage casing to the header; and valve means adapted for coupling the said casings and discharge passages to the header in series or in parallel.

2,440,561
OPERATING MECHANISM FOR OVERHEAD OPENING DOORS
Reuben M. Wilder, Hayward, Calif.; Agnes S. Wilder executrix of said Reuben M. Wilder, deceased
Application June 4, 1945, Serial No. 597,558
6 Claims. (Cl. 268—30)



1. In an overhead opening door of the character described, means for raising said door comprising flexible strands secured to opposite edges of the door, an overhead shaft about which said flexible strands are arranged for winding, a wheel secured to said shaft with a flexible device arranged therearound for turning the shaft when one end is pulled, a hydraulic power cylinder with power piston and means connecting the piston to said flexible device for pulling the same upon admission of liquid under pressure to said power cylinder, an electric motor driven pump with oil sump and pipe to supply oil under pressure to said power cylinder, an electric control circuit for starting said motor, and means operated by the power piston at the end of its door opening stroke breaking the motor circuit to stop said motor, a valve locking the liquid in said power cylinder with the door open, and electric controlled means arranged for bleeding said hydraulic power cylinder to said sump for permitting the gravity closing of said door.

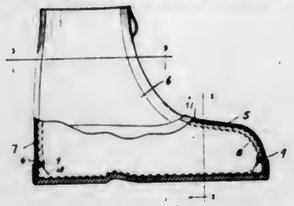
2,440,562
OBTAINING OF RAMIE
Mark Michael Wise, Mosman, near Sydney, New South Wales, Australia
No Drawing. Application June 12, 1944, Serial No. 540,005. In Australia July 29, 1943
2 Claims. (Cl. 19—7)

2. A method of obtaining ramie fibre from green ramie stems which consists in subjecting the said green stems to the action of steam at a pressure of between 15 and 40 lbs. per square inch gauge pressure for between one and six hours, drying the steam treated stems, and crushing the dried stems to separate the fibres from the other substances of the dried stems.

2,440,563
STORM BOOT WITH REMOVABLE PROTECTIVE LINING
Agnes Woyach, Mequon, Wis.
Application December 21, 1945, Serial No. 636,382
2 Claims. (Cl. 36—7.3)

1. The combination with a storm overshoe having a sole portion and an overportion adapted

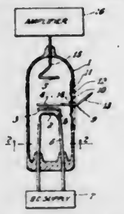
to cover the foot and the lower portion of the leg and having in its interior at the toe and heel portions thereof respectively one member of a readily disengageable fastening means, of a lining of flexible washable material extending only from the top portion of said overshoe to the sole portion and provided at its heel and toe portions with the other cooperative member of said fastening means.



2,440,564
PROCESS FOR THE MANUFACTURE OF BASIC STEEL OF LOW PHOSPHORUS CONTENT
Marc Louis Allard, Valenciennes, France, assignor to Société Anonyme des Forges et Aciéries du Nord & de l'Est, Paris, France
No Drawing. Application May 6, 1939, Serial No. 272,267. In France May 10, 1938
Section 3, Public Law 690, August 8, 1946
Patent expires May 10, 1958
7 Claims. (Cl. 75—52)

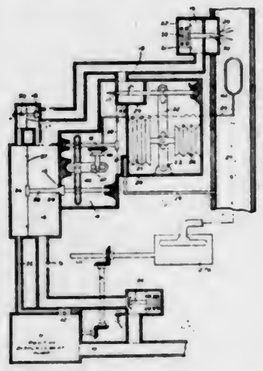
1. A process for obtaining in the Thomas converter steel of low phosphorus and oxygen contents and possessing a high temperature, comprising blowing molten cast iron in the converter to reduce the phosphorus content, skimming off the slag formed, adding to the skimmed metal a fused basic oxidizing slag, slightly raising the converter and strictly maintaining the blast necessary for preventing the stopping up of the blow holes of the converter whereby superficial contact of short duration is insured between the second slag and the molten iron, and avoiding any appreciable stirring in order to prevent the attainment of equilibrium between the molten iron and slag.

2,440,565
TRANSLATING DEVICE
John J. Antalek, Chicago, Ill., assignor to The Rauland Corporation, Chicago, Ill., a corporation of Illinois
Application September 19, 1944, Serial No. 554,761
4 Claims. (Cl. 250—27.5)



1. An electron discharge device for translating mechanical energy into electrical energy comprising means for responding to mechanical energy in a predetermined form to produce mechanical movements, an envelope enclosing means for producing a stream of electrons, means therebetween for receiving the stream, and movable electrode means responsive to movements to control the stream, said means for responding comprising a diaphragm mounted over an opening in said envelope, the diaphragm comprising a relatively heavy outer portion of annular shape sealed to the envelope, a relatively light inner portion of circular shape and a resilient circular corrugation between said two portions loosely coupling them together to permit the inner portion to vibrate freely with respect to the outer portion, and a movement-transmitting element connected between the inner portion and said electrode means.

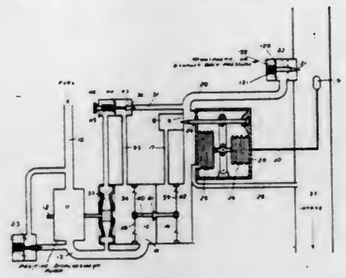
2,440,566
FUEL SUPPLY SYSTEM FOR INTERNAL-COMBUSTION ENGINES
George Jeffrey Armstrong, Farnborough, England
Application February 27, 1945, Serial No. 580,029
In Great Britain June 26, 1943
6 Claims. (Cl. 123—119)



1. A fuel supply system for an internal combustion engine comprising an adjustable metering value, an adjustable pressure regulating valve in series with said metering valve, an engine-driven positive displacement pump having an outlet duct with a constriction therein located to pass the whole output of said pump, a pressure-responsive element located to respond to changes in pressure difference across said constriction, and a connection between said pressure-responsive element and said pressure regulating valve to control the same in response to changes in the output of said positive displacement pump.

2,440,567
FUEL SUPPLY SYSTEM FOR INTERNAL-COMBUSTION ENGINES
George Jeffrey Armstrong, Beatrice Naylor, and John Ernest Patrick Dunning, Farnborough, England
Application February 27, 1945, Serial No. 580,030
In Great Britain June 9, 1943
6 Claims. (Cl. 123—119)

1. A fuel supply system for injecting fuel into an intake of an internal combustion engine, comprising a duct entering the intake, an adjustable metering valve located in said duct, an adjustable pressure regulating valve also located in said duct for regulating the pressure difference across said metering valve, a positive displacement pump for supplying fuel to said duct, a centrifugal pump through which fuel is passed by said positive displacement pump from an inlet remote from the eye thereof to an outlet nearer the eye and thence to said intake, a pressure-responsive member ar-



ranged to be acted upon by the pressure difference across said centrifugal pump and a connection between said pressure-responsive member and said pressure regulating valve.

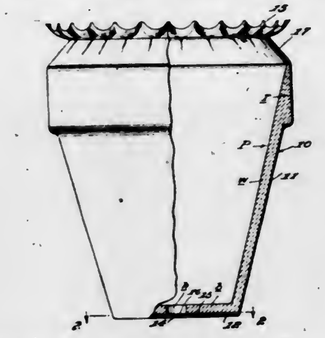
2,440,568
CARTRIDGE LOADING
Roy C. Arter, Galion, Ohio
Application January 2, 1946, Serial No. 638,614
1 Claim. (Cl. 102—42)



In a cartridge for firearms, the combination, which comprises, a shell having a base with a detonator cap therein, a tubular casing with the outer edges thereof crimped inward carried by the shell, an explosive charge in the inner end of the casing, projectiles in the outer portion of the casing, wadding between the explosive charge and projectiles, a washer positioned at the outer end of the projectiles held by the crimped edges of the casing, a collapsible conical shaped element, the base of which is of the same diameter as that of the inside of the casing, positioned in the explosive charge with the base thereof against the wadding, and a centrally disposed collapsible tubular element extending through the projectiles in the outer portion of the casing.

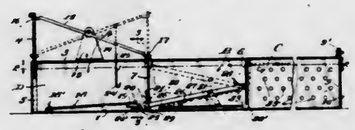
2,440,569
PLANT POT COVER
Frederick G. Baldwin, Woodbridge, N. J.
Application May 4, 1945, Serial No. 591,886
2 Claims. (Cl. 41—10)

1. A cover for a plant pot including a centrally apertured bottom wall and an upwardly and outwardly flared side wall including an upper rim and the side wall being of predetermined diameters and of a predetermined height; said cover comprising a thin walled, flexible water-proof sack-like member having a bottom wall and a side engageable with the pot externally thereof with its bottom wall in engagement with the bottom wall of the pot, and said member being of greater length than the height of the pot side wall and the walls thereof being stretchable, the diameters of the side wall of the member being normally less than corresponding diameters of the pot side wall and the rim portion of the member projecting above the rim of the pot, whereby the major portion of the member side wall is stretched and conforms with the pot side wall while the rim portion is disposed above the pot



rim in unstretched condition and within the circumference of the pot rim in overhanging relations to the interior of the pot in frusto-conical formation.

2,440,570
TRAP
Louis Bourgeois, St. Louis, Mo.
Application January 4, 1945, Serial No. 571,331
5 Claims. (Cl. 43—76)

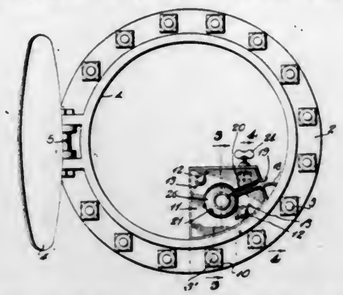


1. An animal trap, comprising a hollow rectangular box having a slidingly movable door and transverse partition positioned respectively at the front end and at an inner or intermediate position in said box and adapted to be disposed alternately in open and closed positions, operative connections between said door and said partition, the door having a greater weight than the partition and having a tendency to close and simultaneously to open the partition through said operative connections, a catch for said door to hold the door open against said closing tendency, means actuated by the weight of an animal thereon to trip said catch and allow the door to close and cause the partition to open, a lever positioned rearward of and operatively connected to said partition so as to rise and descend therewith, and means connected to said lever and actuated by the weight of an animal to cause its descent and pull down the partition and thus simultaneously lift the door and thereby re-set the trap, substantially as described.

2,440,571
OIL GAUGE-LINE WIPER
Marvin H. Bow, Ardmore, Okla., assignor of one-half to Horace S. Bow, Ardmore, Okla.
Application May 16, 1946, Serial No. 670,128
4 Claims. (Cl. 15—210)

1. In a wiping device for a gauge line, the combination with a body of resilient material having an open-edge wiping-slot, a stiff presser wall carried by the body and spaced from said wiping-slot, and a casing enclosing the body and

wall and having enlarged slots registering with the body-slot, of a presser screw operatively



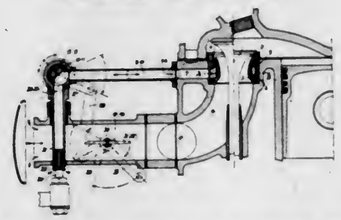
mounted in a wall of the casing and engaging said presser-wall.

2,440,572

DEVICE FOR THE SEPARATE SUPPLY OF THE FUEL AND OF THE COMBUSTION AIR FOR EXPLOSION ENGINES

André Brandenburg and André Jolivet, Paris, France; said Brandenburg assignor to Maurice Deloye, Paris, France

Application January 3, 1938, Serial No. 183,222
In France January 18, 1937
Section 3, Public Law 690, August 8, 1946
Patent expires January 18, 1957
8 Claims. (Cl. 123—119)



1. A device for separately supplying fuel and combustion air to the cylinders of explosion engines, comprising, an admission valve opening into the combustion chamber, a removable member formed with two concentric parts forming a ring like unit, the outer part of said unit having a seat for said admission valve, and the said unit being provided between the concentric parts with a circular chamber communicating with the source of fuel supply, and also provided with a continuous annular slit having its inlet end communicating with said chamber and having its outlet end located beneath the seat on which the valve bears, means producing a rich mixture for ensuring its vaporization by contact with a hot wall of the outer part of the said unit, and means for maintaining the inner part cool by the surrounding fuel and combustion air flowing through the center.

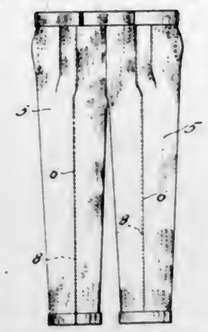
2,440,573

TROUSERS

Charles Brode, Scranton, Pa.

Application February 28, 1945, Serial No. 580,094
3 Claims. (Cl. 2—231)

2. A garment including leg portions having creases extending vertically at the front and rear thereof, means for maintaining said creases including only blind stitching secured to the inner surface of the leg immediately behind said creases, said stitching extending partly through



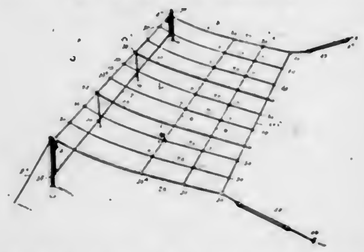
a single thickness of the material of the garment and exteriorly invisible.

2,440,574

AIRCRAFT BARRIER

Robert B. Cotton, Lansdowne, Pa., assignor to All American Aviation, Inc., Wilmington, Del., a corporation of Delaware

Application May 29, 1947, Serial No. 751,485
6 Claims. (Cl. 244—110)



1. Means for landing airplanes on a restricted landing surface comprising a net-like formation of horizontally positioned cables arranged along an inclined path from a first upper cable above the landing surface to a last lower cable above the surface, support means for holding the said first upper cable taut, frangible connections for coupling the said upper cable to the support means, cross strands connecting said first upper cable, said last lower cable and the intermediate horizontal cables together, each of said horizontal cables being positioned to cooperatively engage with a particular type and size of airplane landing gear, and energy absorbing means operatively connected to each end of the lower portion of the net-like formation and anchored to the landing surface in advance of the airplane approach side of the said formation.

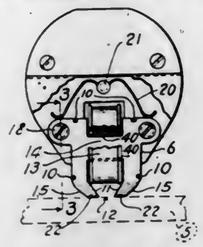
2,440,575

ELECTROMAGNETIC TESTING DEVICE

Frank Dedek, Detroit, Mich., assignor to Magnetic Products Corporation, Detroit, Mich., a corporation of Michigan

Application April 15, 1944, Serial No. 531,186
8 Claims. (Cl. 175—183)

1. In an electromagnetic testing device for testing the physical, chemical or heat treatment properties of magnetic materials, a head arranged to be lowered into and raised from contact with the work to be tested, said head comprising a support, a core of high permeability comprising at least two sections, each section of said core comprising a plurality of laminations, each core section comprising a pair of legs adapted to contact the work to be tested and an interconnecting bridge portion, means for joining the laminations



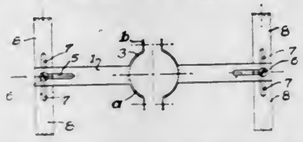
of each section together, an exciting coil circumscribing the interconnecting bridge portion of said sections, and means constructed and arranged for independently and yieldably supporting the said sections in juxtaposition on said support whereby as the support is lowered the pole tips of each section make individual contact with the surface of the work.

2,440,576

MAILBOX BRACKET

Earnest E. De Haas, Wichita, Kans.

Application October 21, 1946, Serial No. 704,741
3 Claims. (Cl. 248—221)



1. A bracket means for supporting a mail box or the like upon a post or kindred support comprising two substantially duplicate sections, said sections embodying an elongated member, support engaging means carried by one end portion of the member, oppositely directed and laterally disposed arms at the outer extremity of the member and means for selectively securing said arms at different points lengthwise of the member at the outer end portion thereof.

2,440,577

FOOTBALL TRAINING MACHINE

Anthony Frank Denby, Hackensack, N. J.

Application March 5, 1946, Serial No. 651,995
5 Claims. (Cl. 273—55)



1. In a football training machine, a track adapted to be embedded in the ground with its top flush with the surface of the ground, a carriage movable along the track, a spring yieldingly holding the carriage near one end of the track, a column rising from the carriage and a yielding pad carried on the column against which a player in training places a portion of his anatomy to move the carriage against the spring.

2,440,578

ROTARY SWITCH CONTACT ASSEMBLY

Walter L. Dietrich, Hartford, Conn., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn., a corporation of Connecticut

Application May 27, 1946, Serial No. 672,394
14 Claims. (Cl. 200—155)



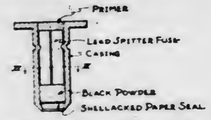
2. In a rotary switch, fixed contact members each having contact surfaces on two levels and facing in the same direction, a rotary bridging contact assembly comprising a bridging member having arms to slidingly engage with the contact surface on one level, a second bridging member having arms, an insulating disc between said bridging members, means to secure said disc and bridging members together, said disc having recesses in its periphery, the ends of the arms of said second bridging member being offset into said recesses and engageable with the fixed contact surfaces on a second level, and an insulating disc which is coaxial with said first disc and is fixedly secured in relation to said fixed contact members and has recesses receiving the portions of said fixed contacts on which are located said first-level contact surfaces.

2,440,579

TIME FUSE ELEMENT

Joseph C. W. Frazer, Baltimore, Md., and Owen G. Bennett, Forest Hills, Pa., assignors to Catalyst Research Corporation, Pittsburgh, Pa., a corporation of Maryland

Application December 24, 1942, Serial No. 469,978
7 Claims. (Cl. 52—2)



1. A fuse element composition comprising an intimate mixture of finely divided nickel produced by distillation of mercury from a mercury-nickel amalgam, and an oxidizing agent which reacts exothermically with said nickel, a unit quantity of said mixture burning in a confined unit of space during a predetermined period of time and with production of substantially no gaseous products of combustion.

2,440,580

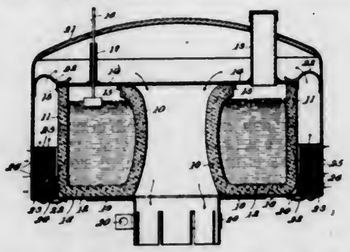
CLEANER AND HUMIDIFIER FOR CARBURETERS

Antoine Gazda, Providence, R. I.

Application July 5, 1944, Serial No. 543,576
1 Claim. (Cl. 261—99)

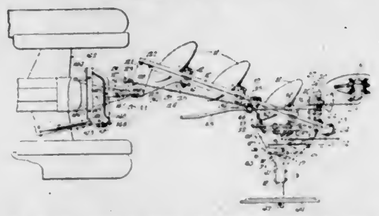
A humidifier for the carburetor of an internal combustion engine comprising a support, an annular water reservoir on said support having an inner wall and an outer wall of porous material so that water in said reservoir may seep therethrough, said inner wall defining a substantially central unobstructed passageway through said reservoir and being of Venturi configuration whereby an enhanced suction action may be exerted on the air passing therethrough to secure improved admixture with the moisture coming through said inner wall, a jacket encompassing said reservoir and support, a fixed clamp struc-

ture on said jacket to support the jacket on the upper end of said reservoir and a movable clamp structure to contact the under side of said support at the lower end of said reservoir, said jacket being spaced from said outer wall to define a peripheral passageway having communication



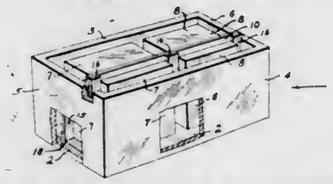
with said central passageway and said jacket being provided with air inlet means leading into the bottom of said peripheral passageway whereby air drawn into the latter is subjected to the humidifying action of moisture seeping through said outer wall before being drawn into said central passageway.

2,440,581
TRACTOR-DRAWN DISC PLOW
Cameron H. Gemberling, South Bend, Ind., assignor to The Oliver Corporation, a corporation of Delaware
Application April 8, 1944, Serial No. 530,191
3 Claims. (Cl. 97—72)



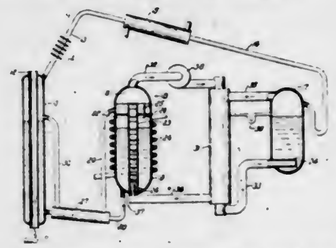
1. A plow comprising a main frame, an adjustable rear furrow wheel supporting the rear end of said frame, a draft hook pivoted to the front end of said main frame and on the draft bar of a tractor, a land wheel for said main frame, and a power lift mechanism driven by said land wheel and operatively connected to said draft hook and said rear furrow wheel for raising and lowering said plow frame.

2,440,582
BUILDING BLOCK FORM
Thomas L. Green, Oklahoma City, Okla.
Application May 31, 1946, Serial No. 673,328
1 Claim. (Cl. 25—119)



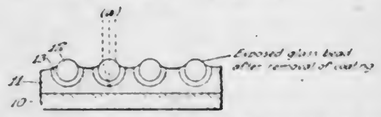
In apparatus for forming building blocks, the combination with a hollow open topped box having vertical walls and a closed bottom, a central upstanding core in said box supported on said bottom, said core spaced inwardly from said walls to form interconnected vertical channels for receiving block forming material, of a removable septum in at least two of said channels, each septum including: two vertically disposed straight portions laterally spaced and vertically staggered with relation to each other; and a laterally extending portion connecting the adjacent ends of said straight portions, said connecting portion being slanted to form an acute angle with relation to the straight portions.

2,440,583
ABSORPTION TYPE REFRIGERATION SYSTEM
William R. Hainsworth, Larchmont, N. Y., assignor, by mesne assignments, to Servel, Inc., Dover, Del., a corporation of Delaware
Application April 5, 1933, Serial No. 664,475
14 Claims. (Cl. 62—119.5)



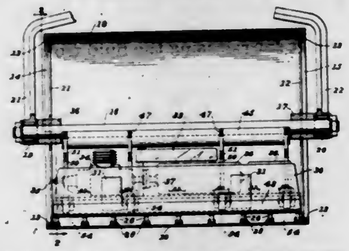
1. In a refrigeration system of the absorption type including a generator and an absorber interconnected for the circulation of absorption solution therebetween, and an evaporator containing a body of liquid refrigerant, flowing an inert gas by bubbling into and through said body of liquid refrigerant, and flowing the resulting gas mixture by bubbling through solution in said absorber to cause circulation of the solution between said absorber and generator and absorption of refrigerant vapor.

2,440,584
LENTICULAR REFLEX REFLECTOR SHEET AND METHOD OF MAKING THE SAME
Harry Heltzer and John Edmund Clarke, St. Paul, Minn., assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn., a corporation of Delaware
Application June 19, 1944, Serial No. 540,944
5 Claims. (Cl. 88—82)



1. A reflex light reflector including a multiplicity of small transparent glass spheres forming a surface layer of convex lens elements of which there are many thousands per square foot of surface, a reflective binder layer underlying said spheres and formed to provide concave reflecting surfaces substantially concentric to the rear surfaces of the spheres and spaced therefrom, and interposed transparent coating material serving to hold the spheres in spaced relation to the reflective binder, such that the distance from the center of each sphere to the underlying concave reflective surface is greater than the distance to the outer surface which receives incident light.

2,440,585
ROLLER
George W. Hutchinson, Raleigh, N. C.
Application June 5, 1944, Serial No. 538,781
6 Claims. (Cl. 94—50)



1. A roller comprising a cylindrical shell, a carriage resting on the lower inner surface of the shell, said carriage having side wall portions, vibrating units fixed to said wall portions, means including a prime mover spring-mounted on said carriage and arranged to drive said units, means limiting movement of the carriage axially of the shell, and means restraining the climbing of said carriage on the inner surface of the shell during rotation of the latter so that vibrations will be transmitted through the carriage predominantly to the bottom portion of said shell.

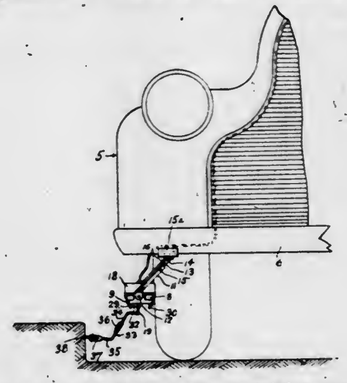
2,440,586
SHEAR HEAD FOR ELECTRIC DRY SHAVERS
Emil Jost, Zurich, Switzerland
Application February 24, 1945, Serial No. 579,527
In Switzerland May 18, 1942
Section 1, Public Law 690, August 8, 1946
Patent expires May 18, 1962
2 Claims. (Cl. 30—43)



2. A shear head for electric dry shavers in which a stationary perforated shearing cutter-part cooperates with a perforated movable shearing cutter-part located underneath the first shearing cutter-part, the outer surface of the stationary shearing cutter-part being provided with an arrangement of low projections which extend in oblique directions relative to the shear head axis in which the low projections are formed by ribs, crossing each other.

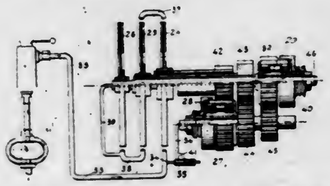
2,440,587
CURB GUIDING SIGNAL
Michael J. Krall, Newark, N. J.
Application June 28, 1943, Serial No. 492,597
2 Claims. (Cl. 200—52)

1. A signal switch mechanism for curb location indicators of vehicles, carried by a part projecting from said vehicle and including a curb feeler adapted to come into contact with the curb which comprises a panel attached to said part projecting from the vehicle, a contactor member pivotally attached to said panel, contacts on said panel cooperating with said contactor, a driving member for said contactor consisting of a two armed lever pivotally mounted on said panel, a pivot pin carrying said driving member, means on said contactor and



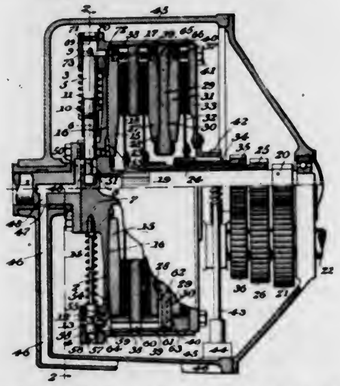
on one arm of said two armed driving member, for rotating the contactor, around its pivotal connection, when the driving member is rocked around its pivot, and further means for fixedly attaching the said curb feeler to the second arm depending from said driving member, for transmitting the movement of the curb feeler to the said driving member.

2,440,588
CONTROLLED FREEWHEELING MECHANISM
Adolphe Kégresse, Paris, France
Application March 22, 1938, Serial No. 197,521
In France April 20, 1937
Section 3, Public Law 690, August 8, 1946
Patent expires April 20, 1957
14 Claims. (Cl. 74—336.5)



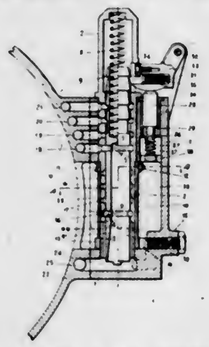
1. In a fluid actuated change speed transmission, a driven shaft, a fluid actuated clutch associated with said shaft for driving the same, an intermediate speed sleeve surrounding said shaft, a fluid actuated clutch for driving said sleeve, a low speed sleeve surrounding the intermediate speed sleeve, a fluid actuated clutch for driving said low speed sleeve, a counter-shaft, gears on each of said sleeves meshing with cooperating gears on said counter-shaft, cooperating meshing gears on said counter-shaft and driven shaft, free wheeling devices interposed in the drives between said sleeves and the driven shaft, fluid actuated means for effecting the operativeness of said free wheeling devices, means controlling the supply of fluid to said clutches, and means operable upon supplying fluid to said first- and second-mentioned clutches for supplying fluid to the means for effecting the operativeness of the free wheeling devices.

2,440,589
FEED DEVICE FOR HYDRAULICALLY OPERATED CHANGE-SPEED GEARS
Adolphe Kégresse, Paris, France
Application April 17, 1939, Serial No. 268,419
In France April 16, 1938
Section 3, Public Law 690, August 8, 1946
Patent expires April 16, 1958
8 Claims. (Cl. 192—87)
(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)



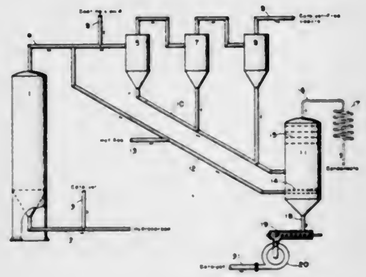
1. In a feed device for clutches with hydraulically compressed discs wherein the clutches are arranged in a rotating housing, a double-acting radial valve mounted on the rotating clutch housing, the part thereof adjacent the axis of the housing controlling the admission of fluid to the device from the feed system, the part of said valve adjacent the periphery of the housing controlling the discharge of said fluid, a pivoted lever engaging said valve for actuating the latter, and a centrifugal weight fixed to the end of the lever acting on said valve.

2,440,590
PRESSURE SELECTOR AND CORRECTOR FOR BOUND-UP AUTOMATIC HYDRAULIC TRANSMISSIONS
Adolphe Kégresse, Paris, France
Application January 18, 1939, Serial No. 251,640
In France January 21, 1938
Section 3, Public Law 690, August 8, 1946
Patent expires January 21, 1958
9 Claims. (Cl. 137—139)



1. A control valve of the character described, comprising a casing having a cylinder provided with two sets of ports, means for controlling the flow through the ports of one set, a hollow piston reciprocably mounted in said cylinder, said piston having one port adapted to register with one of the set of flow controlled ports of the cylinder and a second port adapted to register with one of the other set of ports of the cylinder, a chamber for fluid under pressure, said piston having a closed end and an open end, the latter and the corresponding end of the cylinder opening into said pressure chamber so that fluid will flow through the piston ports and through the registering cylinder ports, means for resiliently opposing movement of the piston under the action of fluid pressure, a valve for releasing the fluid from the pressure chamber, and means operable upon movement of the piston by the spring for opening the release valve.

2,440,591
METHOD FOR PREVENTING EROSION IN FLUIDIZED CATALYTIC CRACKING OF HYDROCARBONS
Warren K. Lewis, Cambridge, Mass., assignor to Standard Oil Development Company, a corporation of Delaware
Application July 1, 1944, Serial No. 543,123
3 Claims. (Cl. 196—52)



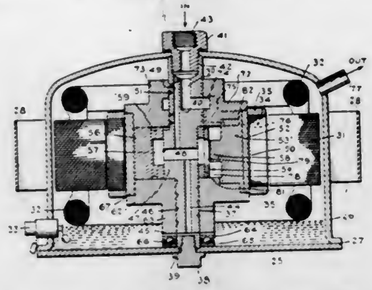
1. In fluid catalyst cracking in which cracked effluent carrying suspended catalyst is introduced into a device for separating the catalyst from the cracked effluent the steps of coating the catalyst particles in said cracked effluent with a liquid prior to the entry thereof into the separating device, recovering coated catalyst particles from said separating device and subjecting them to a drying action to remove the coating liquid therefrom.

2,440,592
SOLDERING FLUX
Keith Kennedy MacDougall, Chambly Canton, Quebec, and John Arthur Labash, Hamilton, Ontario, Canada, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 21, 1944, Serial No. 532,202. In Canada April 29, 1943
2 Claims. (Cl. 148—23)

1. A soldering flux having an acidity equivalent to 0.15 part by weight of HCl and having substantially the following composition:

	Parts by weight
Zinc chloride	47
Ammonium chloride	3.5
Cupric chloride	1.0
Wetting agent	0.25
Water	48.25

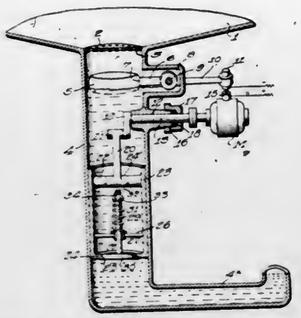
2,440,593
RADIAL VANE PUMP MECHANISM
Harry B. Miller, Providence, R. I.
Application October 23, 1946, Serial No. 705,180
2 Claims. (Cl. 230—140)



2. A pump of the radial vane positive displacement type comprising a symmetrically rotatable hollow cylinder having a radial vane extending inwardly therefrom, said vane having a wide body and a central projection, a symmetrically rotatable dynamically balanced hollow rotor having a cylindrical bearing receiving portion exposed at the periphery of the rotor and communicating with the hollow interior of the rotor, said rotor being mounted within said cylinder in eccentric relation to said cylinder, a stationary shaft for supporting said rotor and cylinder, said shaft having a bore therein communicating with the hollow interior of the rotor, a cylindrical vane bearing mounted in said bearing receiving portion of the rotor, said bearing having an exposed longitudinal groove to receive the wide body of the vane and a central elongated slot in the bottom of the groove to receive the projection on said vane, the sides of said slot closely engaging the sides of said vane but the ends of the slot being spaced from the edges of said vane, the projection on said vane being adapted to move in and out of said hollow rotor through said central slot as the cylinder and rotor rotate, a housing enclosing said cylinder, rotor and parts before mentioned, and connections for causing the pressure differential between the interior of said rotor and the interior of the housing to supply oil from the bottom of said housing through the bore in said shaft to said hollow rotor, said projection in its movementi into and out of said hollow rotor serving to displace oil therefrom.

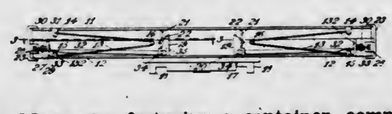
2,440,594
DRAIN
Clifford M. Rice, Alexandria, Va.
Application January 22, 1945, Serial No. 573,902
1 Claim. (Cl. 103—26)

A vertically disposed drain comprising a hollow drain pipe, a substantially horizontally extending arm pivotally secured substantially centrally thereof to said pipe adjacent the upper end of the latter, one end portion of said arm projecting through and into the pipe and the other end portion projecting externally thereof, a float secured to the end of the inwardly projecting portion of the arm and an electrical contact secured to the end of the outwardly projecting portion of the arm, a motor supported by said pipe externally thereof and having an electrical contact member below and spaced from said float contact member, said motor having a shaft substantially parallel with said arm extending through and into the pipe, and a pump member within said pipe



connected to and operated by said motor shaft upon closing of said electrical contacts.

2,440,595
FASTENER FOR BAGS, CASES, AND OTHER CONTAINERS
Fred Spencer Smith, Blackwell, Darlington, England
Application December 15, 1944, Serial No. 568,381
In Great Britain December 3, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires December 3, 1963
5 Claims. (Cl. 292—25)

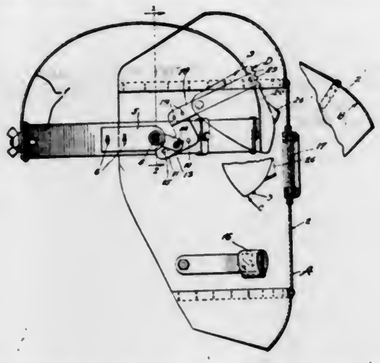


1. Means for fastening a container, comprising two spaced catches each movable between a fastened position in which it prevents the container being opened and an unfastened position in which it allows of the container being opened, a separate spring biasing each catch to move to its unfastened position, a separate latch arranged to engage and hold each catch in its fastened position, spring means biasing each latch to engage its catch and common operating means for actuating both latches together to release their catches.

2,440,596
WELDER'S HELMET
Marshall N. Anderson, Chicago, Ill., assignor to Sellstrom Manufacturing Company, Chicago, Ill., a corporation of Illinois
Original application July 26, 1943, Serial No. 496,106, now Patent No. 2,410,256, dated October 29, 1946. Divided and this application March 27, 1944, Serial No. 528,226
7 Claims. (Cl. 2—8)

3. A head protector comprising a headband, a face mask pivotally carried thereby and movable from face shielding position to a position above the face, an eye shield pivotally carried by said headband and movable from eye shielding position to a position above the eyes, and transmission means between said mask and eye shield whereby motion of the mask to nonshielding position moves the eye shield to shielding position and whereby motion of the mask to shielding position moves the eye shield to nonshielding position, said transmission comprising a first crank arm movable with the face mask and a

second crank arm actuated by said first crank arm and movable with the eye shield, said crank



arms having a pin and slot connection with each other.

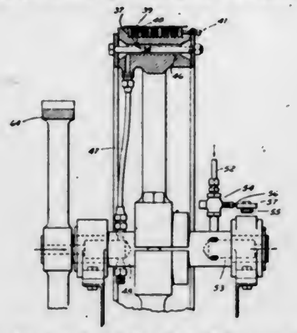
2,440,597
TELEVISION RECEIVER ANTENNA
Horace Atwood, Jr., Belleville, N. J., assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J., a corporation of Delaware
Application February 10, 1945, Serial No. 577,291
3 Claims. (Cl. 250—33)



1. A television antenna comprising a single integral central supporting rod of rigid material, cones of rigid insulating material each less than half the length of said rod supported on an intermediate portion of said rod at their small ends with a short space between said small ends, thin layers of conducting material coating said cones, and cylindrical metal rings on said rod at the small ends of said cones on the outside of said rod bonded to said conducting material for making connection to a receiver.

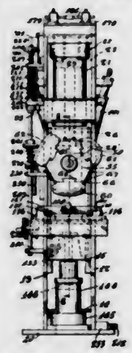
2,440,598
MOLDING MACHINE
Burtis W. Benbow, Benbow, Calif.
Application December 20, 1944, Serial No. 568,999
11 Claims. (Cl. 18—6)

9. In a machine for continuously molding a material like rubber to form a sheath for a wire or cable, a molding wheel adapted to be rotated at a predetermined rate, the wheel being provided with a groove extending about its peripheral portion to form a molding cavity, an endless wire having one portion of the same disposed within said cavity and adapted to enter and leave the cavity as the wheel rotates, means for placing the remaining portion of said endless wire under tension, means within the groove for spacing the wire from the bottom, sides and outer edges of the groove, means for supplying a length of moldable material to the groove in conjunction with the wire, means for applying a groove enclosing member to the periphery of the molding wheel to apply pressure to the moldable material during the molding operation, and means for slitting the sheath longitudinally to enable its removal from



the wire, as the finished sheath is removed from the wheel.

2,440,599
BENDING MACHINE
Harry E. Colwell, Toledo, Ohio, assignor to The A P Parts Corporation, Toledo, Ohio, a corporation of Ohio
Application June 16, 1944, Serial No. 540,660
12 Claims. (Cl. 153—48)

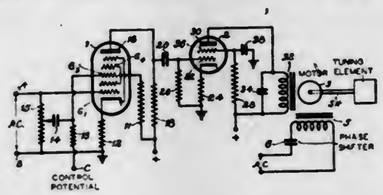


1. Apparatus of the character disclosed comprising in combination a frame; a member arranged for reciprocatory movement associated with said frame; hydraulic means for reciprocating said member; an arbor supported upon said member and adapted for movement relative thereto; a plurality of work performing tools carried by said arbor; electrically actuated means for indexing said arbor to selectively move said tools into work performing position; a work supporting means associated with said frame; and hydraulic cushioning means for said work supporting means whereby the latter is adapted to be moved under the influence of one of said tools engaging the work.

2,440,600
ELECTRIC MOTOR CONTROL
Murray G. Crosby, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Original application May 14, 1941, Serial No. 393,339. Divided and this application November 18, 1942, Serial No. 465,957
12 Claims. (Cl. 318—257)

1. In apparatus for controlling the direction of rotation of a motor having two field producing

windings and a rotor, connections to one of said windings for applying alternating current of a first phase to one of said windings, an amplifier tube alternating current phase reverser having output electrodes connected to the other of said windings, said tube having two control grids excited by said alternating current, means in-



cluding a screening electrode in said tube for reversing the phase of one of the currents amplified in said tube so that the amplified currents on said output electrodes oppose, and a variable bias circuit for one of said control grids for controlling the relative bias of said control grid to cause one of said amplified currents in said output to predominate and be supplied to said other winding.

2,440,601
PRODUCTION OF CLAY SUSPENSIONS
Gilbert K. Dickerman, Wisconsin Rapids, Wis., assignor to Consolidated Water Power and Paper Company, Wisconsin Rapids, Wis., a corporation of Wisconsin
No Drawing. Application November 14, 1946, Serial No. 709,791
3 Claims. (Cl. 106—308)

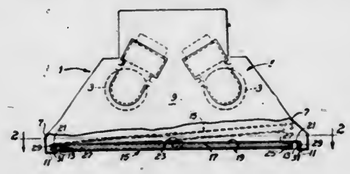
1. The method of converting refined clay filter cake of less than about 67% solids content to a pumpable aqueous suspension and for enhancing the resistance of the suspended clay particles to settling on standing which comprises dispersing and fluidizing the clay filter cake with the aid of a deflocculating agent together with the addition of relatively dry clay of less than 15% moisture content in an amount sufficient to increase the solids content of the resulting suspension to approximately 70%.

2,440,602
MANUFACTURE OF DICHLOROPHENOLS
Reginald Thomas Foster, Birkenhead, and Nicholas Bennett, Ditton, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application July 25, 1945, Serial No. 607,082. In Great Britain April 21, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires April 21, 1963
5 Claims. (Cl. 260—623)

1. A process for the production of a dichlorophenol which comprises chlorinating molten phenol with chlorine up to the stage where a reaction product containing dichlorophenol is formed having a maximum setting point.

2,440,603
LIGHTING FIXTURE
Edwin F. Guth, Florissant, Mo.
Application March 12, 1947, Serial No. 734,118
1 Claim. (Cl. 240—51.11)

A lighting fixture comprising a housing enclosing elements of the fixture and having parts which are readily separable for obtaining access to the interior of the housing, one of said parts comprising a trough-like member adapted to be mounted upon a support in inverted position with the trough opening downward, said one part having side walls each of which has an upwardly opening channel interiorly of its lower edge, each channel having an upstanding flange spaced inward from the lower end of the respective side wall, the other part being a light diffusing member having parallel downwardly opening hinge hooks on opposite sides thereof engaged in said channels and forming quick detachable hinge connections



therewith, each hook including an outer flange spaced from the respective edge portion of said diffusing member and having at its lower margin a web extending toward the edge portion of said member and at right angles to the flange, the distance from the edge of the web to the edge portion of said diffusing member being less than the height of said upstanding flange, said hooks and channels being sufficiently wide to permit either side of said diffusing member to be lifted upward out of the channel of its hinge connection and shifted laterally toward the opposite side to clear the channel.

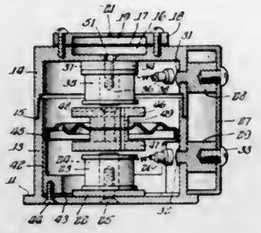
2,440,604
HIGH FAT INGREDIENTS FOR SOUP AND THE LIKE AND METHOD OF PRODUCTION
Chastain G. Harrel and Robert O. Brown, Minneapolis, Minn., assignors to Pillsbury Mills, Inc., Minneapolis, Minn., a corporation of Delaware
No Drawing. Application August 20, 1945, Serial No. 611,687
6 Claims. (Cl. 99—83)

1. The method of producing fat-loaded farinaceous particles which consists in first exploding a multiplicity of farinaceous particles to convert the same into integral, cellular bodies, then mixing with a multiplicity of said cellular bodies, a fat ingredient in liquid state, subjecting said mixture to partial vacuum, then subjecting said mixture to a materially increased pressure to cause the liquid fat ingredients to be forced by pressure into the cells of said bodies and thereafter, cooling the particles to congeal the fat within said cells.

2,440,605
ACCELEROMETER
Claude M. Hathaway, Denver, Colo., assignor to Hathaway Instrument Company, a corporation of Colorado
Application May 10, 1945, Serial No. 592,945
10 Claims. (Cl. 177—351)

1. An accelerometer comprising a housing containing a pair of electromagnetic impedances, a mass subject to the effects of acceleration and deceleration, said mass being mounted on a flexible diaphragm between said impedances and so related to said electromagnetic impedances as to cause opposite changes in impedances thereof in accordance with the displacement of said mass from its normal position, said diaphragm being

mounted to divide said housing into two chambers, and fluid means for damping the movement

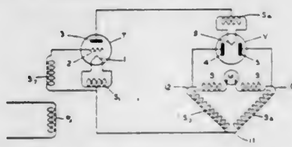


of said mass including a fluid passage extending through said diaphragm.

2,440,606
PRESERVATION PROCESS
Kenneth C. D. Hickman, Rochester, N. Y., assignor to Distillation Products, Inc., Rochester, N. Y., a corporation of Delaware
No Drawing. Original application October 30, 1942, Serial No. 463,896. Divided and this application November 30, 1943, Serial No. 512,367
2 Claims. (Cl. 99—163)

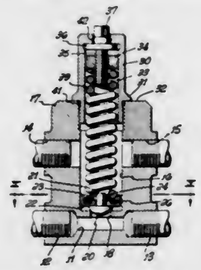
1. The process of stabilizing an oxidizable substance which comprises incorporating in the oxidizable substance an antioxidant comprising hydrogenated deodorizer scum, which scum is lighter-than-water, contains tocopherol and is obtained from the steam after it has been passed through a fat which contains tocopherol, during vacuum-steam deodorization of said fat.

2,440,607
ELECTRONIC TUBE TESTER
Robert D. Hickok, Bratenahl, Ohio, assignor to Cleveland Patents, Incorporated, a corporation of Ohio
Application February 5, 1946, Serial No. 645,658
6 Claims. (Cl. 315—370)



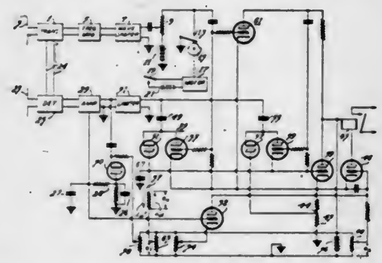
1. Apparatus for the measurement of mutual conductance comprising a full wave rectifying tube having two plate electrodes, an alternating current input circuit for said rectifying tube including a first coil connected at one end to one said electrode, a second coil connected at one end to the other said electrode, the two other ends of the coils being connected to each other at a common point, a third coil in a bridge circuit cross-connecting symmetrically corresponding points on said first and second coils whereby to produce a bridging shunt, meter means in said bridge circuit for measuring current flow therethrough, means for inducing an alternating current potential in each of said first, second, and third coils, a tube to be tested having a plate, a grid, and an electron emission element, the said electron emission element being connected to the aforesaid common point, the D. C. output from said rectifying tube being applied to said plate, and means for applying a variable control potential to said grid, whereby to produce a proportional variation in the plate current of the tube to be tested and a consequent indication upon said meter of the mutual conductance of the tube to be tested.

2,440,608
RELIEF VALVE
Frank B. Hunter, Roscoe, Calif., assignor to Casimir A. Miketta, Beverly Hills, Calif.
Application May 5, 1945, Serial No. 592,114
7 Claims. (Cl. 137—53)



7. In a relief valve, including a body having a through inlet passageway for pressure fluid and a spaced exhaust passage way, the combination of: a valve chamber extending from one side of the body transversely with regards to the inlet and exhaust passageways and into communication with said passageways, said valve chamber being of greater diameter than the inlet passageway and terminating in an annular valve seat including a valve port between said valve chamber and inlet passageway; a valve member having a central stem and a virtually hemispherical head adapted normally to sit on the annular seat; a centrally ported valve keeper loosely receiving the stem of the valve member, a non-metallic member carried by the valve keeper and having fingers extending therebeyond into contact with the walls of the valve chamber; a cap for the end of the valve chamber and spring means positioned between the cap and valve keeper for releasably holding the valve member in seated position.

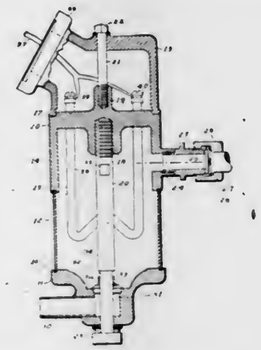
2,440,609
BOMB RELEASE RADIO SYSTEM
Eugene O. Keizer, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application November 16, 1945, Serial No. 629,171
1 Claim. (Cl. 343—7)



In a radio bomb release system of the frequency modulation type including a transmitter,

a receiver, beat frequency responsive means for producing a voltage of magnitude depending on the relationship between speed and range of a target and relay means normally responsive to the attainment of a predetermined magnitude by said voltage to effect release, apparatus for preventing false operation of said system comprising an automatic gain control circuit for said receiver, normally inoperative means for biasing said relay means to prevent release, and means responsive to the output of said automatic gain control circuit to operate said last-mentioned means and thus bias said relay circuit during signal fading periods.

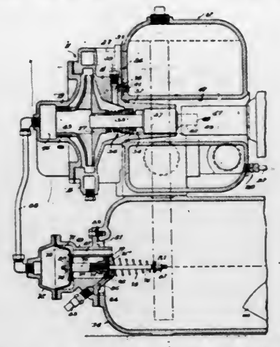
2,440,610
ENGINE COOLING LIQUID HEATER
Carna M. Kimberlin, Spokane, Wash., assignor to Red Ball Manufacturing Company, Spokane, Wash., a corporation of Washington
Application March 7, 1946, Serial No. 652,760
6 Claims. (Cl. 219—38)



1. A portable device for use in connection with internal combustion engine cooling systems to maintain the engine cooling liquid warm during the periods of idleness of the engine, said device comprising a liquid chamber, inlet and outlet conduits for said chamber, heating means extending into the chamber for heating liquid therein and valve means in said inlet operable to close the inlet against reverse flow of liquid, said valve means comprising a valve body to which the inlet conduit is secured, an internal seat in said body, a mounting member coaxial with the seat and extending through the body into the chamber and securing the body to the chamber, and a valve slidable axially on said mounting member for engaging said seat.

2,440,611
PUMPING APPARATUS
John Mann, Seneca Falls, N. Y., assignor to Goulds Pumps, Inc., Seneca Falls, N. Y., a corporation of New York
Application February 14, 1945, Serial No. 577,879
8 Claims. (Cl. 103—5)

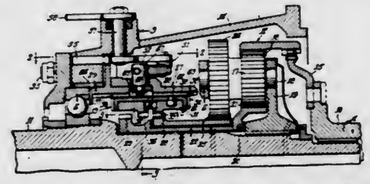
1. A pumping system comprising, in combination, a chamber having a walled opening extending therethrough, a pump casing mounted at one side of said chamber and having an impeller therein, a prime mover mounted at the other side of said chamber, means extending through said walled opening for driving the pump impeller from said prime mover, and means for conveying liquid from said casing to said chamber.



2,440,612
SEPARATION OF COPPER
Myrl Lichtenwalter, Old Greenwich, Conn., assignor to Nicaro Nickel Company, New York, N. Y., a corporation of Delaware
No Drawing. Application September 12, 1942, Serial No. 458,137
10 Claims. (Cl. 75—117)

1. A process for separately recovering the copper content and the nickel content from ammoniacal ammonium carbonate leaching solutions which comprises subjecting such solution to reducing conditions until the copper is reduced to the cuprous state, converting the cuprous ammonium carbonate formed into a copper acetylide precipitate, and separating said precipitate from the solution containing the nickel and from which solution the nickel may be precipitated in a condition free of copper.

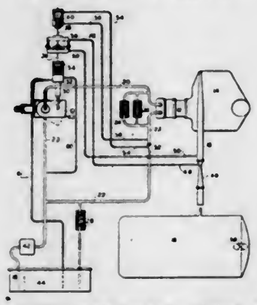
2,440,613
TRANSMISSION
Palmer Orr, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application October 27, 1945, Serial No. 624,983
16 Claims. (Cl. 74—275)



12. In transmission mechanism, in combination with a drive shaft, a driven shaft, means including gearing for providing power trains of two different speed ratios between said shafts, said means also including a first member, and second and third relatively rotatable members which are so arranged that one of said power trains is completed when said second member is coupled to said first member and the other power train is completed when said third member is coupled to said first member, the improvement comprising means for so coupling said members and including teeth provided on said second and

third members, a pair of shiftable coupling elements each having a set of teeth thereon and adapted to interengage with the teeth on one of said second or third members, coupling means coupling said coupling elements with said first member arranged to allow movement of the coupling elements relative to each other and shifting thereof relative to said second and third members, said coupling means being responsive to the force produced by a reversal of the torque in said gearing between said first member and either said second or third members and transmitted through said teeth for shifting the coupling elements to engage or disengage the teeth thereof with the teeth of said second or third members through the reaction of said gearing during torque reversal on the one of said second and third members which is then coupled with one of said coupling elements, at least one set of each pair of sets of teeth adapted to interengage being beveled on their engaging ends, whereby one of the said sets of teeth may ratchet on the other, and spring means yieldably opposing movement of said coupling elements relative to each other, said coupling elements being arranged so that one or the other of the sets of teeth on said coupling elements must always be in engaged or in ratcheting position with respect to the teeth adapted to be engaged thereby on said second or third members.

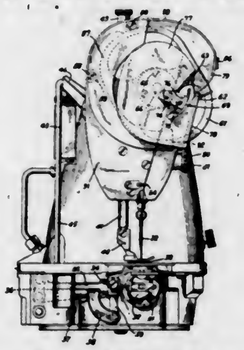
2,440,614
POWER TRANSMISSION
Kenneth I. Postel, Detroit, Mich., assignor to Vickers Incorporated, Detroit, Mich., a corporation of Michigan
Application February 9, 1946, Serial No. 646,576
10 Claims. (Cl. 230—11)



1. A hydraulic transmission drive and control system comprising a variable delivery pump driven by a prime mover, a hydraulic motor, a blower driven by said hydraulic motor, pneumatic means actuated by the blower for controlling the pump delivery and hydraulic power transmitted to said blower, in combination with hydraulic means actuated by the rate of flow of hydraulic fluid in the hydraulic transmission for controlling the pump delivery and hydraulic power transmitted to said blower.

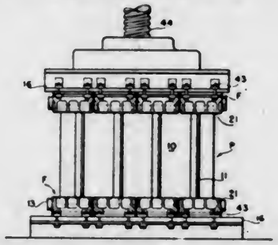
2,440,615
SEWING MACHINE
Charles F. Rubel, Chicago, Ill., assignor to Union Special Machine Company, Chicago, Ill., a corporation of Illinois
Application August 21, 1943, Serial No. 499,483
17 Claims. (Cl. 112—248)

1. In a sewing machine a reciprocatory needle bar having a thread carrying needle, a rotary take-up for the needle thread which comprises a slotted thread engaging element having a free end and mounted for orbital movement, and a member adapted to engage and position a portion of the needle thread during each complete revolution of said rotary take-up and arranged



to pass through the slot in said element in the course of its orbital movement, said member being constructed and arranged to force outwardly beyond the free end of said element any thread which may become improperly engaged with the same due to breakage.

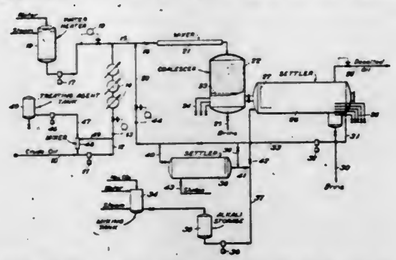
2,440,616
APPARATUS FOR TESTING PANELS AND THE LIKE
Paul E. Sandorff, Los Angeles, Calif., assignor to Lockheed Aircraft Corporation, Burbank, Calif.
Application December 2, 1944, Serial No. 566,339
14 Claims. (Cl. 73—94)



1. Apparatus useful in compression testing a specimen having an appreciable dimension transverse of the direction of the compression to be applied comprising tubes to be arranged with their long axes transverse of said direction of compression and having axial slots receiving the opposite end portions of the specimen, matrix material in the tubes embedding said end portions, and fixtures for clamping radially inward on the tubes and operable to transmit the compression test loading to the tubes.

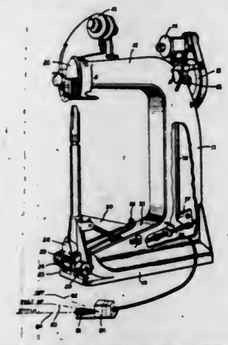
2,440,617
OIL DESALTING TECHNIQUE
James E. Seebold, Chicago, Ill., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application July 23, 1946, Serial No. 685,651
8 Claims. (Cl. 252—330)

1. In the process of desalting petroleum oil wherein the oil is vigorously contacted with a brine solution, thereafter separated from said solution and the separated brine solution is recycled to the contacting step of the process, the improvement comprising controlling the hydrogen ion concentration of said brine solution



by adding an alkali thereto after separation from said oil, thereby producing a precipitate and settling said precipitate from said brine solution before recycling said solution to said mixing step.

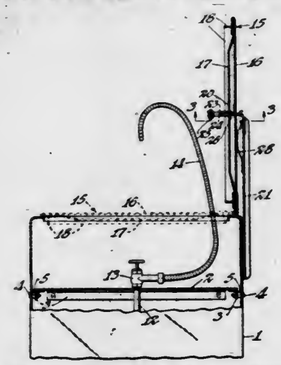
2,440,618
STITCHING MACHINE
William R. Spiller and Robert J. Niederhauser, Dayton, Ohio, assignors, by mesne assignments, to Acme Steel Company, Chicago, Ill., a corporation of Illinois
Application July 20, 1944, Serial No. 545,863
9 Claims. (Cl. 1—15)



1. In a stitching machine having a stitcher head, a base, a post adjustably mounted on said base, pivotal means for mounting said post providing for movement thereof from an inoperative position to an operative position beneath said head, a toggle mechanism connecting with said post and operative to cause pivotal movement thereof from its inoperative to its said operative position and to lock said post firmly in its said operative position, and an electric solenoid connected to one arm of said toggle mechanism for effecting said operation thereof.

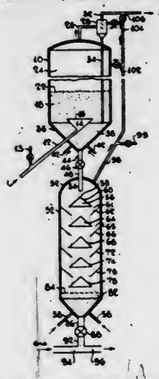
2,440,619
AUTOMATIC FIRE DOOR FOR PARTS WASHERS
Ernest J. St. Laurence, Minneapolis, Minn.
Application June 9, 1944, Serial No. 539,475
5 Claims. (Cl. 220—89)

5. In a parts washer, an open top reservoir having a rear wall and adapted to contain a volatile cleaning liquid, a normally upstanding apertured cover hinged to the reservoir adjacent the upper rear edge thereof, an upstanding supporting post secured to the rear wall of the reservoir and projecting above the top of said reservoir, a supporting plate secured to the cover adjacent said aperture and projecting inwardly therefrom, and a fusible link extending through the cover aperture and having one end anchored to said supporting post and its other end portion anchored to the inwardly projecting end portion



of said supporting plate, said supporting plate being located above and extending in close substantially parallel relation to the fusible link and being of materially greater width than said fusible link, whereby in case of fire in said reservoir said relatively wide supporting plate will serve to deflect rising heat waves downwardly against said fusible link to increase the heating rate of the fusible link.

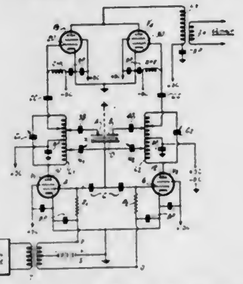
2,440,620
CONTACTING SOLIDS AND GASEOUS FLUIDS
Wilfred O. Taff, Roselle, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application August 24, 1944, Serial No. 551,027
1 Claim. (Cl. 23—288)



An apparatus of the character described including a vertically arranged elongated vessel, means for introducing a gaseous fluid and subdivided solids into the lower portion of said vessel, said means including a horizontally extending perforated distribution plate arranged in the lower portion of said vessel, means for withdrawing gaseous fluid and entrained solids from the upper portion of said vessel, means for withdrawing solids and gaseous fluid from the bottom portion of said vessel below said distribution plate,

means associated with said gaseous fluid and entrained solids withdrawal means for separating entrained solids from the gaseous fluid and returning the solids to said vessel below said distribution plate, and means for segregating gaseous fluid from the solids withdrawn from said bottom portion and for preventing further contact of the fluid thus segregated with the solids in the bottom portion in said vessel, said segregating means comprising a separate stripping vessel communicating at its top with the means for withdrawing solids from said first mentioned vessel and provided with an inlet for a stripping gas, said stripping vessel being further provided with baffles, a bottom outlet on said stripping vessel to remove stripped solids and a top outlet on said stripping vessel for removing stripping gas and volatile material.

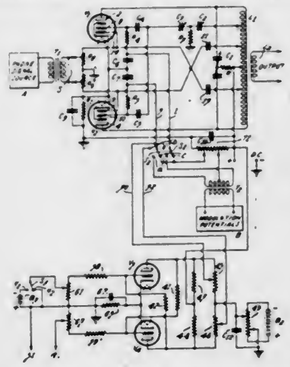
2,440,621
FREQUENCY MODULATION
George L. Usselman, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application April 25, 1944, Serial No. 532,592
7 Claims. (Cl. 179—171.5)



1. In a timing modulation system of the type comprising two tubes, each having a plurality of electrodes, a tank circuit tuned to a first frequency regeneratively coupling the electrodes of one tube in an oscillation generating circuit, said connections including a feedback excitation circuit between the anode and control grid of the tube, a second tank circuit tuned to a second frequency coupling the electrodes of the other tube in a regenerative oscillation generating circuit, said last named oscillation generating circuit including a feedback excitation circuit between the anode and control grid of the second tube, a band pass filter which passes a frequency spectrum including said first frequency and half of the band between said first and second frequency in said first feedback circuit, a band pass filter which passes a band of frequencies including said second frequency and half of the band between said first and said second frequency in said second feedback connection, and means for differentially controlling the gains of said tubes in accordance with signals.

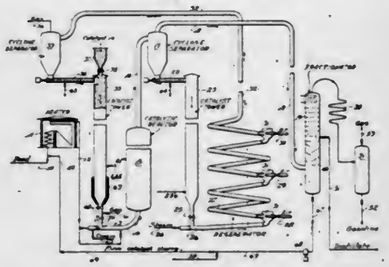
2,440,622
MODULATION
George L. Usselman, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application August 2, 1945, Serial No. 608,575
3 Claims. (Cl. 179—171.5)

1. In apparatus for generating and modulating oscillatory energy, two electron tubes each having an anode, a cathode, a control grid and an auxiliary grid, a tank circuit parallel tuned substantially to the desired operating frequency, means coupling each of said tubes and tank circuit in a regenerative oscillation generator including said tank circuit coupling the anodes and cathodes of said tubes in pushpull relation and coupling the control grids and cathodes of said tubes in pushpull relation, the arrangement being such that the phases of the voltages of the regenerated frequency on the anode of each tube are displaced in phase about 180 degrees with



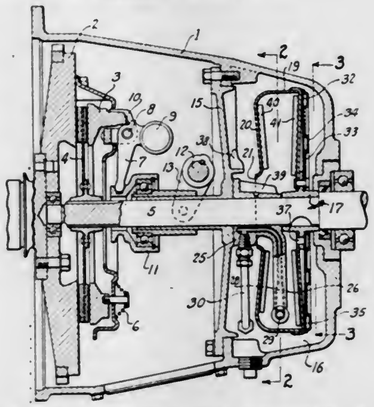
respect to the phase of the generated voltages on the grid of the same tube, additional couplings between said tank circuit and said auxiliary electrodes such that when oscillatory energy of the desired operating frequency is developed in said tubes and tank circuit the phases of the voltages of the generated frequency on the control grid and auxiliary grid of each tube are displaced by substantially 90°, and means for differentially modulating the gains of said tubes in accordance with signals.

2,440,623
TRANSFERRING FINELY DIVIDED SOLIDS
Vanderveer Voorhees, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application June 28, 1940, Serial No. 342,847
2 Claims. (Cl. 214—17)



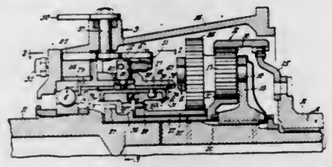
1. A method of transferring finely divided particles of solid material in a system between confined zones maintained under different gaseous pressures which comprises maintaining a vertically extending manometric column of the particles in communication with the zone of higher pressure at its lower end and in communication with the zone of lower pressure at its upper end, introducing an aerating gas into said column of solid particles in amount adapted to maintain the particles in a pseudo-liquid phase, the height of said column being such that it will exert a pseudo-hydrostatic pressure approximating the difference between the pressures of the two zones, and introducing the particles of solid material from one of said zones into said column at the end in communication therewith to displace solid material from the other end of said column into the other of said zones.

2,440,624
LIQUID HANDLING MEANS
Ernest E. Wemp, Detroit, Mich.
Application March 16, 1944, Serial No. 526,710
7 Claims. (Cl. 103—11)



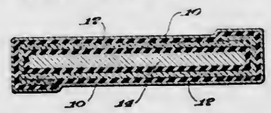
1. Liquid handling means comprising, a gear pump having an outlet, a rotatable shell adapted to contain liquid and to cause rotation of the liquid therein so that the liquid has a centrifugal head and a velocity head and a tube in the shell having an open end submerged in the liquid and facing in a direction opposite the direction of the rotation of the shell and connected to the outlet of said pump whereby to serve as a supplemental pump and as a pressure regulator for the outlet side of said pump.

2,440,625
TRANSMISSION
Howard C. Wiemer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application October 21, 1944, Serial No. 559,804
13 Claims. (Cl. 74—275)



9. In power transmission mechanism, the combination of a driving element, a driven element, and means for completing two power trains of different speed ratios between said elements and including two different reaction members and gearing for driving said driven element at two different speeds in the same direction, a torque responsive brake for said two reaction members, said brake comprising a stationary member, a shiftable coupling element effective between said reaction members and said stationary member and adapted to couple either of the reaction members with said stationary member depending upon the position of said coupling element, said coupling element being adapted to be shifted in response to changes in the relative direction of torque between the reaction members and said stationary member, an oscillatable blocker having blocking portions effective to prevent shifting movement of said coupling element in one direction or the other depending upon the position of said blocker, and means for effecting a change in the position of said blocker to permit shifting of said coupling element by the reaction of said gearing on the reaction member then coupled with the coupling element upon a reversal of torque.

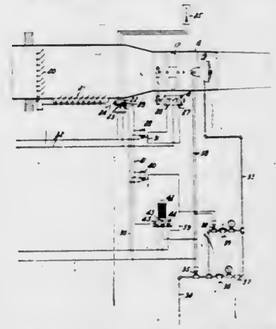
2,440,626
ANTISTICK BITUMEN SURFACED BUILDING MATERIAL
James Howard Young and Paul W. Jenkins, Pittsburgh, Pa., assignors to H. H. Robertson Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application April 22, 1942, Serial No. 439,994
3 Claims. (Cl. 117—85)



1. A building material having a normally tacky bituminous surface and an anti-stick coating film covering the normally tacky surface, said coating film comprising

	Parts
Methyl cellulose	2
Glycerine	1
Sodium salt of sulphated heptadecanol	¼

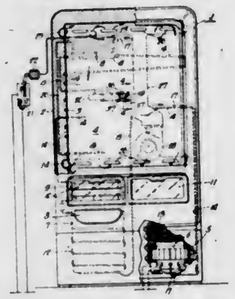
2,440,627
AIR CONDITIONING APPARATUS
Agnew H. Bahnson, Jr., Winston-Salem, N. C.
Application August 23, 1945, Serial No. 612,179
6 Claims. (Cl. 236—44)



2. Air conditioning apparatus which comprises: a duct having an inlet for air to be humidified and an outlet for discharging humidified air to a space to be humidified; air circulating means including a fan mounted in the duct and a motor for driving said fan; air humidifying

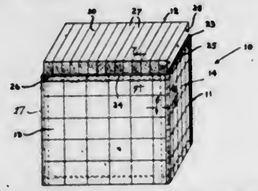
means mounted in said duct; temperature-controlled means for lowering and raising the speed of said fan in response to lower and higher temperatures respectively in the space to be humidified; and means responsive to a decrease in space humidity for increasing the speed of said fan above that established by said temperature-controlled means for a relatively low temperature within the space to be humidified.

2,440,628
HUMIDITY CONTROL
John J. Bauman, Abington, Pa., assignor by mesne assignments, to Philco Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application February 2, 1945, Serial No. 575,876
4 Claims. (Cl. 236—44)



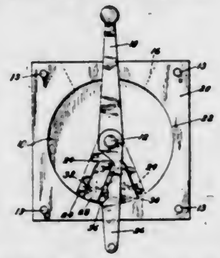
1. In a device for controlling humidity in high humidity storage chambers of refrigerators of the type having a refrigerant circulating cooling system, a movable control element, a pressure means responsive to the temperature within said chamber, a second temperature responsive pressure means having an actuating element exposed within said chamber, said first-named and second means being arranged to exert forces tending respectively to displace said control element in opposite directions, and an element in thermal exchange association with said cooling system and extending into said chamber to form within the latter an area of low temperature for condensation of part of the moisture in the atmosphere of said chamber, said condensing element being positioned above the said actuating element of the second pressure means for gravity transfer of the condensate from the condensing element to the actuating element.

2,440,629
REVERSIBLE MEAT BLOCK AND SUPPORT STAND
Lawrence A. Bennett, Industrial City, Mo.
Application September 19, 1945, Serial No. 617,310
2 Claims. (Cl. 146—215)



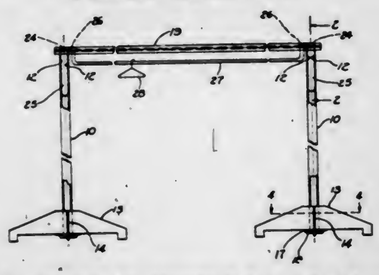
1. A meat block comprising a stand formed by vertically extending spaced inner and outer corner angle irons, vertical side walls for said stand having bevelled ends disposed between said spaced corner angle irons with their inner and outer surfaces respectively contacting said inner and outer angle irons, clamping bolts projected through the bevelled edges and adjustably connecting adjacent corner angle irons, a block supporting seat formed by interconnected side angle irons supported on the upper ends of said side walls and secured within the upper ends of said outer corner angle irons, and a reversible chopping block supported in said block supporting seat.

2,440,630
SELF-LOCKING LEVER
Ora G. Blocher, Detroit, Mich., assignor to Bendix Aviation Corporation, Detroit, Mich., a corporation of Delaware
Application June 21, 1946, Serial No. 678,197
4 Claims. (Cl. 192—8)



1. A self-locking lever comprising a fixed support, a member associated therewith having an opening providing an annular surface concentric with the fixed support, a primary lever and a secondary lever each pivoted on the support, a yoke carried by the secondary lever, locking members on the secondary lever for cooperation with the annular surface and the yoke to lock the movement of the secondary lever, and a knock-out block on the force transmitting end of the primary lever for unlocking the locking members and actuating the secondary lever.

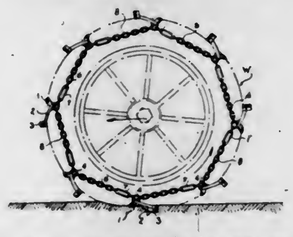
2,440,631
DEMOUNTABLE SUPPORT FOR GARMENTS AND THE LIKE
Edna Smith Eakin and Willard D. Eakin, Akron, Ohio
Application June 17, 1944, Serial No. 540,762
2 Claims. (Cl. 211—177)



1. A support for garments and the like comprising a pair of standards each having a foot structure of which floor-engaging areas are widely distant in at least three directions from the vertical line of the standard's center of gravity, so that the standard has stability in standing alone, and a bridge structure having

thereon means telescoping with and seating upon the upper ends of the standards by simple, vertical movement, for removably holding the bridge structure thereon, the bridge structure comprising, as a single handling unit, hat-supporting means and garment-suspending means, and the bridge structure, having simple, telescopic relation to the standards, constituting the only essential connection between them, the connection of the standards by the bridge structure being sufficiently non-rigid to permit each of the standards to maintain its position of independent stability when the assembly is mounted upon an appreciably uneven floor.

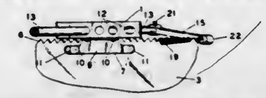
2,440,632
TRACTION DEVICE FOR RESILIENT TIRES AND WHEELS
George O. Hack, Hudson, Ohio
Application March 3, 1947, Serial No. 731,901
11 Claims. (Cl. 152—225)



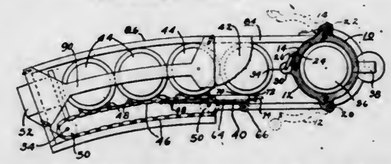
11. A traction assembly for a resilient vehicle wheel tire comprising a series of anti-skid members, each member having a relatively rigid cross member adapted for mounting on a tire, traction means associated with a rearward element of each member, a forward portion of each cross member adapted to engage the wheel tire and act as a pivot for said anti-skid device about an axis generally parallel to that of the wheel, attaching means rigid with each of said cross members, and a series of tension means directly connecting each of said attaching means to the attaching means on adjacent anti-skid members for urging each cross member to rotate about said pivot and force the traction means on each cross member toward the wheel tire, the lever arm between the traction means and the pivot of each anti-skid member being substantially greater than that between the attaching means and the pivot, the tension of said tension means with the traction assembly mounted on a tire being such that reaction of the earth against one of the traction means can initially cause adjacent traction members to deform the tire through force transmitted by said tension means and cause said one traction means to remain stationary as the wheel turns through a given arc, whereafter the ground-engaging means is snapped against the wheel tire to clear it of earth.

2,440,633
SAW FILING TOOL
Joseph W. Hall, Portland, Oreg.
Application June 18, 1946, Serial No. 677,565
2 Claims. (Cl. 76—36)

1. Supporting means for a saw tooth file holder having a file and a guide bar parallel to said file, comprising a guide block, means resiliently supporting said block on the cutting edge of a saw, said block formed with a plurality of horizontally disposed angularly related bores therethrough through a selected one of which said guide bar is slidably engageable for slidably supporting said file in engagement with the teeth of said saw in selected angular relation thereto.

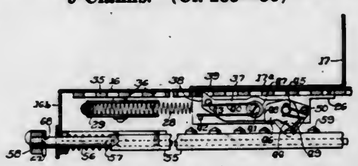


2,440,634
SHELL FEEDING MECHANISM FOR ROCKET GUNS
Charles F. Henney, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application October 14, 1943, Serial No. 506,147
4 Claims. (Cl. 89—1.7)



1. In a rocket type of gun, a barrel having a projectile receiving breech opening in a side wall thereof, closure means for said opening comprising a pair of movable jaws, projectile conveyor means for feeding projectiles into said breech opening, said conveyor means comprising a pair of aligned portions including a curved portion and a straight portion, said curved portion comprising an endless chain for conveying projectiles arranged in side by side relationship on said chain onto said straight portion, said straight portion comprising a reciprocating projectile supporting carriage means having one end movable into and out of a position between said jaws when said jaws are in the open position so as to deliver projectiles through said open jaws.

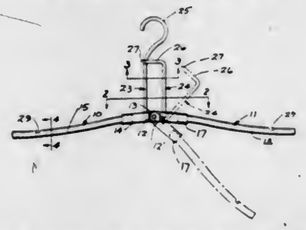
2,440,635
FEED TRAY FOR DUPLICATING APPARATUS
Alfred E. Little, Chicago, and Hubert Jagger, Maywood, Ill., assignors to Ditto, Incorporated, Chicago, Ill., a corporation of West Virginia
Application February 24, 1944, Serial No. 523,632
9 Claims. (Cl. 185—38)



1. Mechanism for causing step by step movement between two relatively movable elements which comprises, said elements, the first element having a transverse slot therein, means guided by said slot and affixed to the second element for adjusting said second element across said first element, and mechanism for operating said adjusting means, said mechanism comprising a plurality of spaced stops beneath the first element and fixed with respect thereto, a spring pressed pawl attached to said adjusting means having a latching face to engage the stops to prevent movement of said means in one direction along the slot and having a non-latching face to

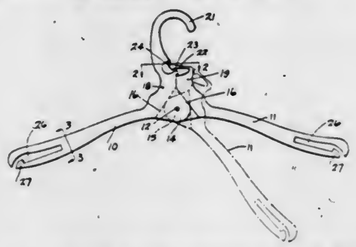
ride over the stops when said adjusting means is moved in the opposite direction along the slot, means urging said adjusting means in the first named direction, a trip member operable to release the pawl from one stop and allow said urging means to advance the adjusting means until the next stop engages the pawl, said trip member being inoperative in another position to disengage the pawl from a stop, and means to lock the trip member in inoperative position.

2,440,636
CLOTHES HANGER
Martin Lowe, New York, N. Y., assignor of one-half to Abraham Block, New York, N. Y.
Application November 10, 1945, Serial No. 627,909
2 Claims. (Cl. 223—94)



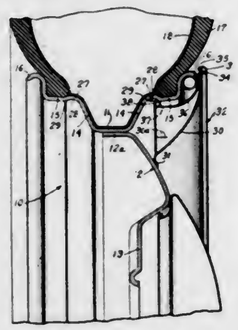
1. In a clothes hanger, a pair of substantially horizontal shoulder pieces hingedly connected together and adapted to pivot from downwardly extended positions upwards to said substantially horizontal position, said shoulder pieces having abutting elements for limiting pivoting from said substantially horizontal position upwards, a handle projecting upwards from each of said shoulder pieces at points close to their hinge, a hook on one of said handles extending towards and partially around the other handle, said handles being disposed in a plane substantially at right angles to the axis of the hinge connection of said shoulder pieces whereby with the thumb and one finger of one's hand engaging the outer sides of said handles the shoulder pieces may be held in said substantially horizontal position with said abutting elements abutting each other and said handles may be slightly flexed together and slightly laterally for disengaging said hook and then said shoulder pieces may be lowered by allowing said handles to move apart.

2,440,637
CLOTHES HANGER
Martin Lowe, New York, N. Y., assignor of one-half to Abraham Block, New York, N. Y.
Application January 3, 1946, Serial No. 638,834
3 Claims. (Cl. 223—94)



1. In a clothes hanger having a pair of shoulder pieces of substantially flat material hingedly connected together at their adjacent bottom portions, flat handle portions having inwardly curved sides and projecting upwards from said shoulder pieces and normally abutting each other for limiting pivoting of said shoulder pieces from a substantially horizontal position upwards and by which the shoulder pieces may be pivoted downwards and then upwards with two fingers of one hand engaging against said inwardly curved sides, a projection on one of said handle portions, a leaf spring on the other handle portion and engaging said projection for holding said handle portions latched together, and said leaf spring having side portions projecting from the faces of said handle portions by which the leaf spring may be manually engaged and flexed by another finger of said hand for unlatching said handle portions.

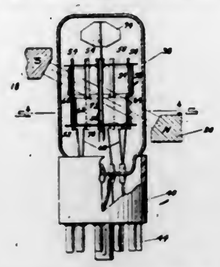
2,440,638
WHEEL COVER
George Albert Lyon, Allenhurst, N. J.
Application December 9, 1943, Serial No. 513,546
2 Claims. (Cl. 301—37)



1. In a cover structure for a wheel including multi-flanged tire rim and body parts, one of the axial flanges of said rim part being provided with a radially outwardly extending depression to provide an annular cover retaining shoulder, a cover for the exposed outer flanges of the rim part including an annular outer portion of relatively flexible material extending radially and axially inwardly from an outer edge of the rim part over flanges thereof to the body part, and an annular retaining portion connected to an outer edge of said outer portion and substantially concealed thereby, said concealed portion extending axially and radially inwardly and terminating in a continuous rear edge formed with a radially outwardly projecting bead for snap-on detachable engagement with said shoulder, both of said portions being convex and curved axially rearwardly inside of the outer flanges of the rim part, said rear edge bead having a circumferential series of generally radially extending splits to enhance the resilient springing action thereof.

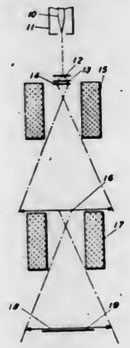
2,440,639
ELECTRONIC DISTRIBUTOR
George H. Marmont, Detroit, Mich., assignor to Bendix Aviation Corporation, Detroit, Mich., a corporation of Delaware
Application December 5, 1945, Serial No. 632,948
6 Claims. (Cl. 250—27.5)

5. In an electronic distributor tube having a cathode and a plurality of plate sections, means for directing the electron emission from the cathode in two oppositely disposed beams, means for rotating the beams, and means for preventing



one of the beams from impinging on the plate sections.

2,440,640
ELECTRON MICROANALYZER
Ladislaus Marton, Washington, D. C., assignor to Research Corporation, New York, N. Y., a corporation of New York
Application November 27, 1946, Serial No. 712,585
10 Claims. (Cl. 250—49.5)

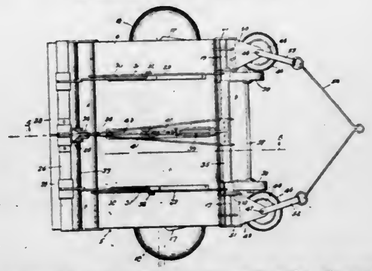


1. An electron microanalyzer comprising means for directing a beam of substantially monochromatic X-rays upon a specimen to be analyzed, means for accelerating photoelectrons emitted from the specimen, and means for focussing the accelerated photoelectrons to form an electron image.

2,440,641
PROCESS OF OBTAINING BARIUM CARBONATES
Leonard John Minnick, Cheltenham, Pa., assignor to G. and W. H. Corson, Inc., Plymouth Meeting, Pa., a corporation of Delaware
No Drawing. Application April 30, 1946, Serial No. 666,186
6 Claims. (Cl. 23—66)

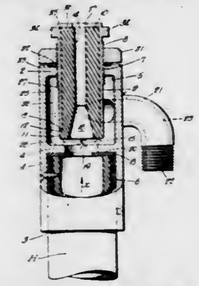
3. The process of producing barium carbonate from barium sulphate which comprises reacting said sulphate and a soluble carbonate in an aqueous medium at a temperature corresponding to a steam pressure of between about 250 and about 500 pounds per square inch until the reaction is substantially completed, the soluble carbonate being present in an amount between about 2 to about 3 mols per mol of sulphate, and separating the solids from the solution before appreciable reconversion of the barium carbonate into barium sulphate has taken place.

2,440,642
LAND LEVELER
Louis Oswald, Los Angeles, Calif.
Application July 10, 1944, Serial No. 544,312
In Canada September 10, 1943
8 Claims. (Cl. 55—12)



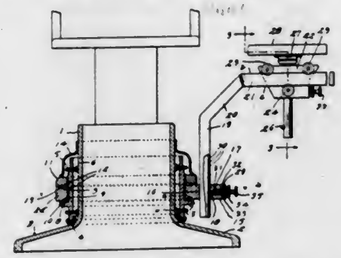
2. A land leveler for use in orchards, vineyards, and the like, comprising a sled-type drag body, said body being a hollow housing, rectangular in top plan and including flat top and bottom sections, said body being open at opposite transverse end portions, earth smoothing disks horizontally mounted in said end portions and having limited peripheral portions projecting normally outward and beyond said open ends, means operatively mounting said disks within the interior of said drag body including buffer springs and bell-crank members, disk mountings fastened to the leading edge of said drag body at points adjacent the open ends of the body, horizontal disks mounted for rotation in said mountings, said disks having treads in the form of rubber tires, said rubber tired disks serving as guides and as steering members and also as buffers.

2,440,643
SANDBLAST NOZZLE
George F. Pettinos, Merion, Pa.
Application March 14, 1945, Serial No. 582,669
7 Claims. (Cl. 51—11)



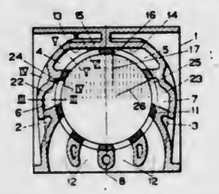
7. A nozzle structure comprising a body member, a chamber having an internal cylindrical wall within said body member, a nose element extending inwardly of said chamber axially thereof, a liner of resilient material within and extending substantially the length of said nose element and provided with an axial bore for passage and discharge of an abrasive substance suspended in a gaseous conveying medium, and means for supplying an aqueous lubricant into said chamber tangentially of the internal cylindrical wall thereof to effect a swirling entrance of said lubricant into said axial bore and cover the wall of the bore to minimize erosion thereof by said abrasive substance.

2,440,644
ROTARY SEAT ATTACHMENT FOR BARBER CHAIRS
David M. Powell, La Junta, Colo.
Application December 18, 1944, Serial No. 568,678
5 Claims. (Cl. 155—81)



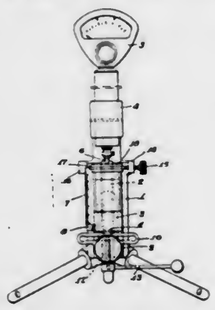
1. In combination with the base for a barber chair or the like including an upstanding column, a member supported for turning movement around the column, a seat post carried by and extending upwardly from said turning member, outstanding spaced tracks carried by the upper portion of the post and arranged side by side, a carriage block freely positioned between the tracks and extending above and below the tracks, parts carried by the block at opposite sides thereof and fore and aft of the block riding on the tracks from above, parts carried by the block at opposite sides thereof for engaging the tracks from below, and a seat carried by the block.

2,440,645
SCAVENGING FOR TWO-STROKE CYCLE ENGINES
Herman Theodor Pyk, Saltsjo-Duvnas, and Hilding Gunnar Camner, Storangen, Sweden, assignors to Aktiebolaget Atlas Diesel, Sickla, near Stockholm, Sweden, a corporation of Sweden
Application April 6, 1945, Serial No. 586,918
In Sweden April 18, 1944
7 Claims. (Cl. 123—65)



7. In a two stroke cycle internal combustion engine, a combustion cylinder, scavenging openings in one half of said cylinder, a reciprocating piston in the cylinder controlling said openings, two scavenging fluid passages each ending in a scavenging opening and disposed symmetrically one on each side of an axial centre plane through said cylinder half nearest the intersection between said centre plane and the periphery of the cylinder half and directed away from said piston in a plane substantially perpendicular to the centre plane, two further scavenging fluid passages each ending in a scavenging opening in the cylinder half and disposed symmetrically one on each side of the axial centre plane second nearest said intersection and directed away from the piston and the other cylinder half towards the centre plane, a wall in each one of first-mentioned two passages radially confining the passage on its outside and extending substantially tangentially to the cylinder and making a sharp turn towards the central portion of the cylinder close to an axial confining edge of the pertaining scavenging opening nearest the intersection, and a portion of said wall disposed adjacent the leading peripheral edge of the opening inclined at an angle towards the cylinder axis decreasing towards said sharp turn, so that the scavenging fluid entering the opening is directed most axially in the cylinder in the vicinity of the sharp turn.

2,440,646
GAGING APPARATUS FOR ADJUSTING GAGE BLOCKS OF THE ADJUSTABLE TYPE
Hilding Valdemar Törnebohm, Goteborg, Sweden, assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden, a corporation of the Kingdom of Sweden
Application January 23, 1946, Serial No. 642,799
In Sweden January 24, 1945
3 Claims. (Cl. 33—147)

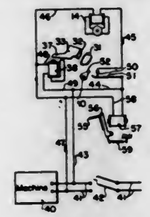


3. A gaging apparatus comprising a frame, a work supporting table and an indicating instrument mounted on the frame one above the other, means for adjusting the distance between the table and the instrument and means for adjusting an adjustable gage block having a plurality of relatively adjustable members, said gage block adjusting means comprising a pair of arms fixed one at each end of a spindle, said spindle being turnable in the said frame about an axis substantially parallel with the plane of the said table and located between the table and the instrument, means on one of the said arms forming an abutment for one of the members of the gage block and means on the other arm adjustable in a direction towards and from the said abutment for acting on another member of the gage block.

2,440,647
APPARATUS FOR MAKING A GRAPHIC RECORD OF A SUCCESSION OF SIMILAR OPERATIONS BY A MACHINE
Leo G. Vogel, Arlington, Mass., assignor to Industrial Appliance & Equipment Co., Inc., West Newton, Mass., a corporation of Massachusetts
Application February 21, 1946, Serial No. 649,303
4 Claims. (Cl. 234—5.8)

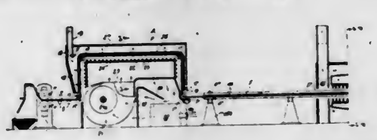
3. A recording apparatus for making a graphic record of a series of successive similar operations performed by a machine, said recording apparatus comprising means for supporting and time

mechanism for moving a chart, a recording pen, a shaft on which said pen is mounted, turning movement of the shaft moving the pen over the chart, a Telechron motor and a circuit therefor, means other than the time mechanism to close said circuit when the machine is started and to maintain said circuit closed during the opera-



tion of the machine thereby rendering the Telechron motor continuously operative while the machine is in operation, and to open the circuit and thus render the Telechron motor inoperative when the machine is stopped, and driving connections between said Telechron motor and said shaft to give the shaft a turning movement during the time the Telechron motor is operating.

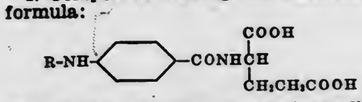
2,440,648
APPARATUS FOR DRYING CLOTH WITH AIR
Harold J. Walter, Uxbridge, Mass., and Paul R. Rose, East Orange, N. J., assignors to Uxbridge Worsted Co., Inc., Uxbridge, Mass., a corporation of Massachusetts
Application January 19, 1944, Serial No. 518,804
8 Claims. (Cl. 34—159)



1. Apparatus for conditioning and drying a strip of textile material which comprises a closed chamber having exit and entrance openings for the strip of material, a perforated backing plate extending from adjacent the inlet end to adjacent the exit end of said chamber, and support means for said strip of material adapted to guide the material adjacent one face of said perforated backing plate, a port for admitting air into said chamber, an air exhaust port, means for controlling the volume of air admitted into and exhausted from said chamber, air heating means positioned in said chamber adjacent the air inlet, and means for directing the heated air into contact with the material on the side of the material remote from said perforated backing plate, the said backing plate having angularly related lateral portions forming, together with said chamber side walls and the side walls of said means for directing the heated air, air passages, leading from the space beyond said perforated backing plate, and from below the lateral edges of a strip of material passing through the said chamber, respectively, back to said heating means, whereby air which has passed through the dryer portion of the material and air which has been deflected from the lower surface of the material is returned, mixed with incoming air, reheated, and recirculated, and individual means for controlling the flow through said passages.

2,440,649
N-4-(QUINAZOLINE)AMINO BENZOYL GLUTAMIC ACID
Souren Avakian, Oreland, and Gustav J. Martin, Philadelphia, Pa., assignors to The National Drug Company, Philadelphia, Pa., a corporation of Pennsylvania
No Drawing. Application January 18, 1947, Serial No. 722,972
4 Claims. (Cl. 260—251)

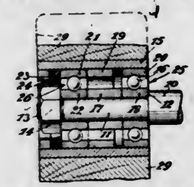
1. Compounds having the following general formula:



wherein R represents a quinazoline radical.

3. A process which comprises reacting an ethyl alcohol solution of a halogenated quinazoline and N-p-aminobenzoyl glutamic acid at elevated temperatures, and removing the resulting precipitate therefrom.

2,440,650
SKATE WHEEL STRUCTURE
Dwight E. Batesole, Glenbrook, Conn., assignor to Norma-Hoffmann Bearings Corporation, Stamford, Conn., a corporation of New York
Application May 29, 1946, Serial No. 673,067
3 Claims. (Cl. 301—5.7)

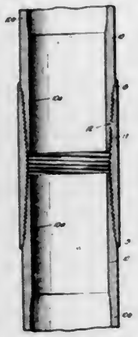


1. In a skate wheel structure having a tire with a bore, the combination of a shaft, a cylindrical member surrounding the same having cylindrical inner bore portions, concentric with the shaft, a pair of spaced antifriction bearings having their inner race rings on the shaft, means for clamping the inner rings of both bearings to the shaft, means for locking the outer race ring of one of said antifriction bearings against axial movement in the cylindrical portions, the outer race ring of the other antifriction bearing being slidably disposed and free to move as a floating ring in the cylindrical portion and spaced from said outer race ring locking means, whereby the locked bearing takes up radial and axial loads, and the other bearing takes up radial loads only, and means securing the cylindrical member to the bore of the tire.

2,440,651
TOOL JOINT
Alexander H. Bell, Los Angeles, Calif., assignor to Continental Oil Company, Ponca City, Okla., a corporation of Delaware
Application September 18, 1943, Serial No. 502,899
2 Claims. (Cl. 285—146)

1. A tool joint for oil well drill pipes comprising aligning pipe sections, the end portions of the pipe sections being internally upset; a tubular collar or coupling surrounding and threadedly connected to the adjacent end portions of the pipe sections, the threaded joints between the respective pipes and couplings being tapered toward the ends of the pipe and positioned entirely between the inner and outer walls of the pipe sections, the pitch diameter of the narrow outer

ends of the joints being sufficiently greater than the inside diameter of the pipe so that the internal upsets can be bored out without cutting into the threads, the pitch diameter of the joints at their crests or inner ends being substantially less than the outside diameter of the pipe, said



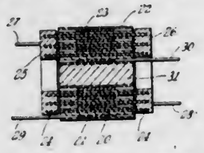
pipe tapering gradually from its outer surface to the crests of the threads, and the internal terminal portions of said coupling being axially tapered complementary to the tapered outer surfaces on the ends of the pipe and of such diameter as to engage the tapered outer surfaces on the ends of the pipes.

2,440,652

ARTIFICIAL TRANSMISSION LINE

Nelson E. Beverly, Williamstown, Mass., assignor to Sprague Electric Company, North Adams, Mass., a corporation of Massachusetts

Application July 21, 1943, Serial No. 495,621
10 Claims. (Cl. 178—44)



1. An artificial transmission line comprising a wide layer of electrically conducting material and a narrow layer of electrically conducting material separated by layers of dielectric material of intermediate width and convolutely wound, the wide layer of electrically conducting material being connected on both sides throughout substantially its entire length to terminals and the narrow layer of electrically conducting material being connected only at its extreme ends to terminals.

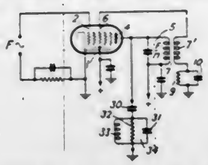
2,440,653

LOCKED-IN OSCILLATOR CIRCUITS

Murlan S. Corrington, Camden, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application November 14, 1944, Serial No. 563,379
7 Claims. (Cl. 250—20)

1. In combination with a tube provided with at least an electron emitter, a control element, an oscillator grid and oscillator output electrode, means for applying to the control element high frequency current which is angle modulated and has a desired mean frequency, a resonant tank circuit reactively coupled to said oscillator grid and output electrode and tuned substantially to a desired subharmonic frequency of said mean frequency, means including a selective network tuned substantially to said subharmonic frequency, means coupling said selective network to said tank circuit, and said selective network



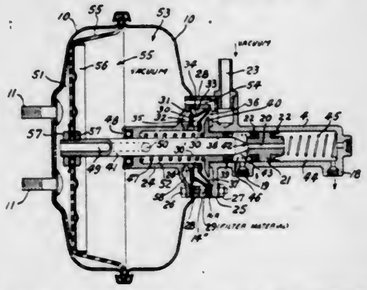
having its constants so chosen that it has an effective capacity vs. frequency characteristic which falls off at a rate to just keep the subharmonic oscillator in tune over most of its operating range.

2,440,654

HYDRAULIC PRESSURE INTENSIFIER UNIT

Gordon R. Elliott, Ferndale, Mich., assignor, by mesne assignments, to Irving A. Puchner and Edward U. Demmer, Milwaukee, Wis.

Application October 28, 1943, Serial No. 508,033
13 Claims. (Cl. 60—54.5)



10. The combination, a hydraulic cylinder, a valve housing co-axial with said cylinder and communicating with the interior thereof, movable air and vacuum control valve means within said housing, a valve control piston in said cylinder movable into operative contact with said movable valve means, a fluid control piston in said cylinder, a manually controlled pressure fluid source connected to the cylinder intermediate said pistons adapted for communication through said fluid control piston and for operative pressure engagement with said valve control piston, a plunger rod adapted for forceful translation extending through said valve control piston, a power chamber remote from said cylinder, a movable member therein adapted for a translation upon a pressure differential on opposite sides thereof, and pivotal motion transmitting means interconnecting said movable member and said plunger rod.

2,440,655

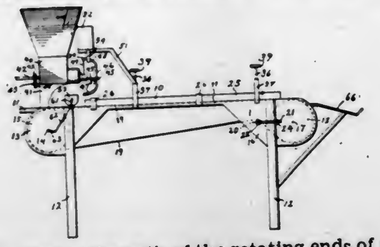
DOUGH FORMING MACHINE

Henry E. Hahn, Jr., Milwaukee, Wis., assignor to Hahn Baking Company, Milwaukee, Wis.

Application February 28, 1945, Serial No. 580,091
1 Claim. (Cl. 107—7)

In a device of the character described, means for extruding dough in continuous cylindrical form, a rotatable shaft adjacent said extrusion means, an arcuate member centrally fixed on said shaft, a wire cutter element extended from one end of said arcuate member to said shaft for intermittently cutting through said extruded

dough, a flour sifter mounted above said extrusion means, and a yieldable member on said



flour sifter in the path of the rotating ends of said arcuate member operable to sift some of the flour with each contact of said parts.

2,440,656

ABRASIVE MATERIAL FOR POLISHING

Fred W. Huntington, Alameda, Calif.

Application March 18, 1946, Serial No. 655,041
1 Claim. (Cl. 51—164.5)



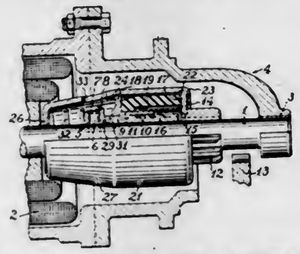
A polishing compound consisting of an admixture comprising two (2) cubic feet of rice hulls, one-fourth (¼) cubic foot of crushed walnut shells, one-fourth cubic foot of crushed apricot pits, to which is added two (2) quarts of powdered pumice and one (1) quart of light oil, all mixed to form a homogeneous mass.

2,440,657

ENGINE STARTER DRIVE

Donald L. Miller, Pine City, N. Y., assignor to Bendix Aviation Corporation, Elmira Heights, N. Y., a corporation of Delaware

Application February 25, 1946, Serial No. 649,999
5 Claims. (Cl. 74—7)



1. In an engine starter drive, a power shaft, a drive head fixed thereon, a screw shaft slidably journalled on said power shaft in tandem relation with said head, said head and screw shaft having interengaging means forming an overrunning clutch connection therebetween, a control nut threaded on said screw shaft, said screw shaft having an abutment for positioning said nut thereon when in idle position, a pinion slidably journalled on said power shaft to engage and rotate a gear on an engine to be started, and means for driving said pinion from said nut and for closing said clutch including a casing member fixed to the pinion and a resilient member yieldingly transmitting torque from the nut to the casing.

2,440,658

SALICYLOYL-BETA ALANIDE

Harold Urist and Gustav J. Martin, Philadelphia, Pa., assignors to The National Drug Company, Philadelphia, Pa., a corporation of Pennsylvania

No Drawing. Application April 29, 1946, Serial No. 665,892
1 Claim. (Cl. 260—519)

Salicyloyl beta alanide.

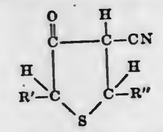
2,440,659

CYANOTHIOPHANES AND METHODS OF PREPARING SAME

Bernard R. Baker, Nanuet, N. Y., assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y., a corporation of Maine

No Drawing. Application June 21, 1945, Serial No. 600,831
9 Claims. (Cl. 260—329)

1. A compound of the formula



in which R′ and R″ stand for a member of the group consisting of hydrogen, alkyl, carbalkoxy and carbalkoxyalkyl radicals, one of which is hydrogen.

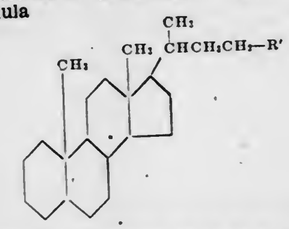
2,440,660

HYDROGENOLYSIS OF STEROID THIOACETALS

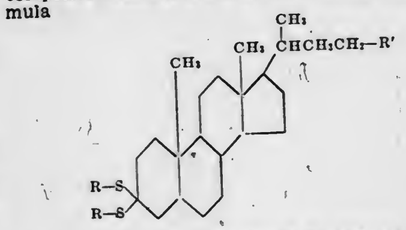
Seymour Bernstein, Pearl River, and Louis Dorfman, New York, N. Y., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y., a corporation of Maine

No Drawing. Application March 26, 1945, Serial No. 585,012
7 Claims. (Cl. 260—397.1)

4. A method of preparing compounds having the formula



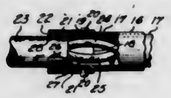
wherein R′ is a member of the group consisting of alkyl, carboxy and carbalkoxy radicals which comprises heating a compound having the formula



wherein R is alkyl and R′ is as defined above,

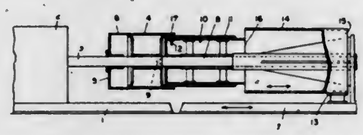
with Raney nickel catalyst in the presence of a solvent selected from group consisting of dioxane, a lower aliphatic alcohol and ethyleneglycol ethylether.

2,440,661
SWITCHBOARD PLUG
Harry C. Calvin, Dothan, Ala., assignor of one-fourth to Earle C. Moody, Dothan, Ala.
Application September 3, 1943, Serial No. 501,171
3 Claims. (Cl. 173—361)



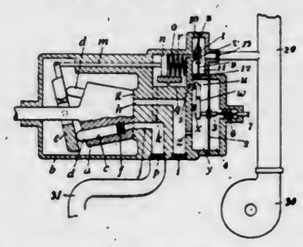
3. A telephone switchboard plug comprising a plug body having a plurality of contacts at one end portion thereof and an open ended cylindrical ferrule at the other end thereof, said ferrule having diametrically opposite portions projecting longitudinally therefrom as continuations thereof, an open ended cylindrical thimble substantially equal in diameter to said ferrule and normally arranged in axial alignment therewith, a pair of parallel arms fixed to said thimble diametrically opposite each other, said arms extending longitudinally of said thimble and overlying the projections of said ferrule radially outwardly thereof and in contact therewith, the adjacent open ends of said ferrule and said thimble being unobstructed for the passage of wires therethrough, and a pivot pin projecting through each arm and the corresponding projection of said thimble, said pins being in axial alignment to pivotally connect said thimble and said ferrule to each other and the contacting surfaces of said arms and the projections of said thimble constituting the sole frictional engagement between said ferrule and said thimble during relative turning movement thereof about said axis, said thimble and said ferrule being adapted for the passage therethrough of wires engageable with the inner surface of said ferrule to be bent thereby when said thimble is turned about said axis relative to said ferrule, the ends of said thimble between the projections thereof being engageable with the adjacent ends of said ferrule to predetermine and limit relative swinging movement of said ferrule and said thimble about said pivot axis.

2,440,662
APPARATUS FOR BUILDING TIRES
Larry C. Frazier, Lakewood, Ohio, assignor to National-Standard Company, Niles, Mich., a corporation of Michigan
Application October 31, 1945, Serial No. 625,789
11 Claims. (Cl. 154—10)



1. In apparatus of the character described, the combination of a drum assembly, means for changing the effective relative diameters of different axially extending sections of said drum, and means adapted to closely surround said drum and move axially relative thereto.

2,440,663
MEANS FOR AUTOMATICALLY CONTROLLING THE SUPPLY OF LIQUID FUEL TO PRIME MOVERS
Richard Joseph Ifield, Ealing, London, England, assignor to Joseph Lucas Limited, Birmingham, England
Application July 17, 1944, Serial No. 545,362
In Great Britain May 12, 1943
Section 1, Public Law 690, August 8, 1946
Patent expires May 12, 1963
2 Claims. (Cl. 103—162)



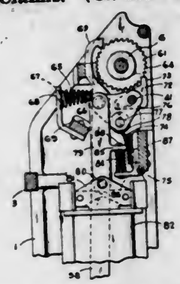
1. A system for supplying liquid fuel and air to a prime mover, comprising in combination a variable-delivery liquid fuel supply pump having a movable member for varying its output, an air blower, a cylindrical chamber which at one end communicates with the delivery side of the pump, a liquid vent at the other end of the chamber, a spring loaded piston slidable in the chamber under fluid pressure and connected to the said movable member, a restricted passage interconnecting the ends of the chamber, and closure means responsive to fluid pressure for controlling the vent, the closure means being exposed to the delivery pressures of the pump and blower at positions where the said delivery pressures have opposed effects on the closure means.

2,440,664
MAKING LAP-WELDED ARTICLES FROM THERMOPLASTIC FILMS
Carroll R. Irons, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Delaware
Application July 28, 1945, Serial No. 607,533
2 Claims. (Cl. 154—42)



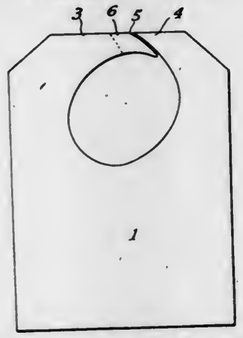
1. The method which comprises providing two films of uniform width of organic thermoplastic material, bending the two films to semicylindrical form about and at opposite sides of a common longitudinal axis, lapping the right edge of each with the left edge of the other, aligning one such lapped pair parallel with and opposite to the other such pair, interposing between the parallel pairs of lapped edges a thin, flexible barrier to prevent adherence between the two internally disposed members of the pairs of lapped edges, applying pressure to the assembly while heating each lapped joint externally to effect fusion and welding of the members of each pair between a single set of opposed heating elements, and cooling the so-formed welds, to produce a tube of organic thermoplastic film material with two longitudinal lap welds.

2,440,665
AUTOMATIC SET-BACK COUNTER
Max L. Jeffrey, Shaker Heights, Ohio, assignor to The National Acme Company, Cleveland, Ohio, a corporation of Ohio
Application June 17, 1942, Serial No. 447,460
8 Claims. (Cl. 235—144)



1. In combination with a counter having a shaft for resetting the same, an apparatus for rotating said shaft comprising a ratchet wheel secured to the shaft, means cooperating with said wheel to turn the same including a reciprocable member having a tooth engaging portion for engaging teeth on said wheel, means for moving said member into and out of operative engagement with said wheel including spring means connected to the member and moving it toward the wheel and means to move said member against the pressure of said spring means away from said wheel and including a lever pivoted on a support spaced from said member, an abutment carried by said lever and engageable with said member and means to move said lever to cause the abutment to push said member against the pressure of said spring away from said ratchet wheel comprising a link connected to said lever and a spring connected to a fixed support and urging said link to move said lever with said abutment against said member, and means to overcome the effect of said last mentioned spring and cause said first spring to move said member against said ratchet wheel.

2,440,666
BIB
Ellen Witmer Miller, Rochester, N. Y., assignor of one-fifth to William Edward Neely, Rochester, N. Y.
Application February 18, 1946, Serial No. 648,259
3 Claims. (Cl. 2—49)

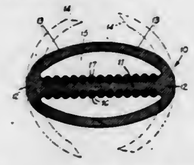


1. A paper bib comprising a sheet of paper having a neck opening generally elliptical in shape extending diagonally and upwardly across the upper part of the sheet and wholly within the sheet, a slit extending directly from a point in the upper part of the neck opening which is near the major axis of the neck opening to the top edge of the sheet and wherein the direction of said slit is toward the center of the top edge of the sheet, adjustable strap members formed by said slit whereby said neck opening can be adjusted to fit the neck of the wearer and an adhesive material affixed to at least one of said strap members whereby said strap members can be fastened to each other.

2,440,667
DIBASIC ACID DRYING OILS
Latimer D. Myers, Cincinnati, and Victor J. Muckerheide, Silverton, Ohio, assignors to Emery Industries, Inc., Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application November 6, 1942, Serial No. 464,792
23 Claims. (Cl. 260—404.8)

20. As a new product, a drying oil which comprises an oil selected from the class consisting of drying and semi-drying oils in which non-drying constituents are replaced by an aliphatic di-carboxylic acid having a vapor pressure lower than the vapor pressure of the replaced non-drying constituents.

2,440,668
CABLE CONSTRUCTION
John P. Tarbox, Philadelphia, Pa., assignor to The Budd Company, Philadelphia, Pa., a corporation of Pennsylvania
Application August 18, 1943, Serial No. 499,058
3 Claims. (Cl. 174—138)



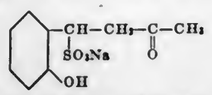
1. A process of making electrical conductors which comprises forming a strip of insulation material with flexible, divided, strip extensions on each edge, thereof, positioning electrical conducting units on each side of said strip, folding over adjacent opposite edge extensions to form conducting unit enclosing tubes of greater cross sectional area than the enclosed conducting unit and sealing together the folded edges of said edge extensions.

2. A cable blank for electric conductors comprising a strip of insulation material having flexible reversely extended strip extensions at each edge on each side thereof, the width of each extension being greater than one-half of the strip width whereby the extensions on one side of the strip may be edge joined to form a tube adapted to receive a conductor.

2,440,669
ALDEHYDE CONDENSATION PRODUCTS OF SULFONATED AROMATIC COMPOUNDS AS CATION EXCHANGE RESINS
Jack T. Thurston, Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application June 21, 1944, Serial No. 541,480
7 Claims. (Cl. 260—49)

1. A granular water-insoluble composition of matter comprising the granulated gelled and

water-insolubilized products of reaction of a mixture including formaldehyde and sodium 1-(o-hydroxyphenyl)-3-ketobutane sulfonate having the formula



in a molar ratio of from 1:1 to 3:1.

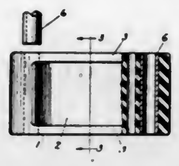
2,440,670

RESILIENT MOUNTING

Gustav H. Kaemmerling, Erie, Pa., assignor to Lord Manufacturing Company, Erie, Pa., a corporation of Pennsylvania

Application September 1, 1944, Serial No. 552,297
8 Claims. (Cl. 248—358)

1. A mounting comprising a laterally extending rubber arm free to deflect in shear, I-shaped in cross section, having a vertically extending web having an enlarged end provided with a vertically extending opening, and a load supporting pin extending into and fixed in the opening and transferring load to the arm through surface contact of the pin with the arm.



DESIGNS

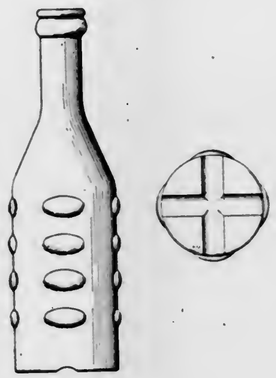
APRIL 27, 1948

149,394

DESIGN FOR A BOTTLE OR ARTICLE OF SIMILAR NATURE

John S. Allen, Montgomery, Ala.

Application March 27, 1946, Serial No. 128,003
Term of patent 7 years
(Cl. D58—8)



The ornamental design for a bottle or article of similar nature, as shown.

149,395

DESIGN FOR A SPORT SHIRT

Daniel Aminoff, Los Angeles, Calif.

Application September 24, 1947, Serial No. 141,565
Term of patent 3½ years
(Cl. D3—25)



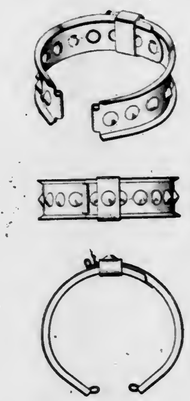
The ornamental design for a sport shirt, substantially as shown and described.

149,396

DESIGN FOR A WATCH BAND

Paul E. Babin, New Orleans, La.

Application June 17, 1946, Serial No. 130,806
Term of patent 3½ years
(Cl. D45—4)



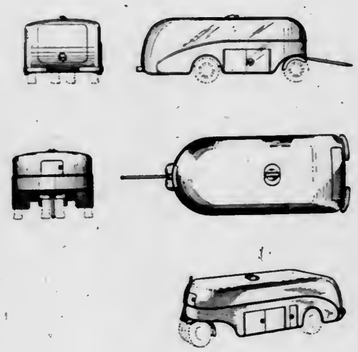
The ornamental design for a watch band, as shown.

149,397

DESIGN FOR A TRAILER VEHICLE

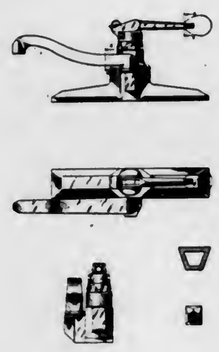
Rufus H. Barrett, San Francisco, Calif.

Application July 22, 1946, Serial No. 131,786
Term of patent 3½ years
(Cl. D14—3)



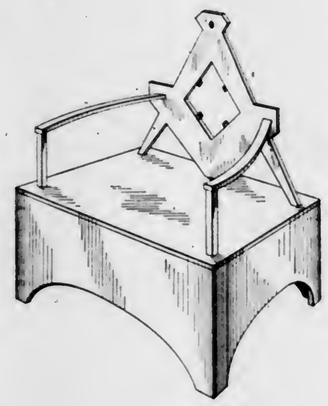
The ornamental design for a trailer vehicle, as shown and described.

149,398
DESIGN FOR A FAUCET
Charles W. Bauberger, Malverne, N. Y.
Application December 2, 1946, Serial No. 135,207
Term of patent 14 years
(Cl. D91—3)



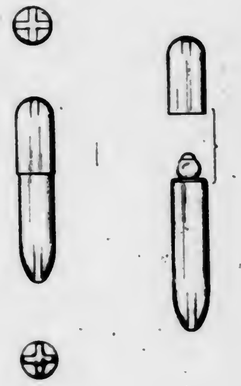
The ornamental design for a faucet, substantially as shown and described.

149,399
DESIGN FOR A CHAIR
Herbert S. Beall, Norfolk, Va.
Application November 8, 1946, Serial No. 134,627
Term of patent 14 years
(Cl. D15—8)



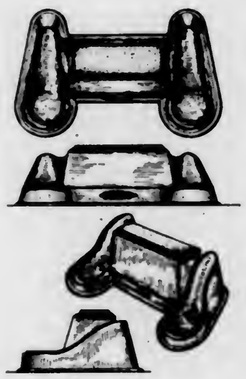
The ornamental design for a chair, substantially as shown.

149,400
DESIGN FOR A PERFUME DISPENSER
Ladislao J. Biro, Buenos Aires, Argentina
Application October 30, 1946, Serial No. 134,396
Term of patent 14 years
(Cl. D86—10)



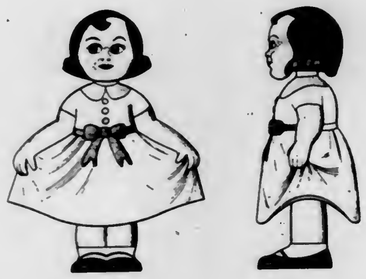
The ornamental design for a perfume dispenser, as shown.

149,401
DESIGN FOR A PIPE STAND
Boris Blecher, Philadelphia, Pa.
Application November 1, 1946, Serial No. 134,443
Term of patent 14 years
(Cl. D85—8)



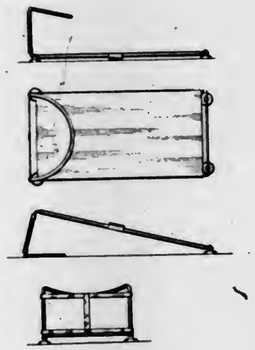
The ornamental design for a pipe stand, as shown.

149,402
DESIGN FOR A DOLL
Edna E. Brandenburg, New York, N. Y.
Application October 11, 1947, Serial No. 141,870
Term of patent 7 years
(Cl. D34—4)



The ornamental design for a doll, as shown.

149,403
DESIGN FOR A BABY BATHING DEVICE
Irving Brecher, Flushing, N. Y., assignor to Baby World Company, Inc., New York, N. Y., a corporation of New York
Application October 29, 1946, Serial No. 134,366
Term of patent 3½ years
(Cl. D4—4)



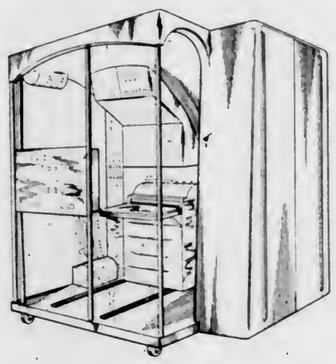
The ornamental design for a baby bathing device, substantially as shown.

149,404
DESIGN FOR A COMBINATION AUTOMOBILE AND AIRPLANE
Thomas R. Burns, Washington, D. C.
Application May 8, 1946, Serial No. 129,441
Term of patent 14 years
(Cl. D71—1)



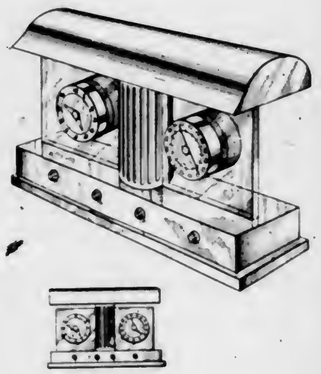
The ornamental design for a combination automobile and airplane as shown.

149,405
DESIGN FOR A FLIGHT ENGINEER'S TRAINER OR SIMILAR DEVICE
John G. Dodds, North Hollywood, Angus D. MacKillop, Glendale, and Clarence C. Sansom, Studio City, Calif., assignors to Lockheed Aircraft Corporation, Burbank, Calif.
Application June 10, 1946, Serial No. 130,580
Term of patent 7 years
(Cl. D71—1)



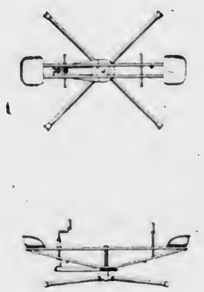
The ornamental design for a flight engineer's trainer or similar device, substantially as shown and described.

149,406
DESIGN FOR A COMBINED RADIO, CLOCK, AND LAMP
Irving Engel, East Orange, N. J., assignor to Crystalite Company, East Orange, N. J., a corporation of New Jersey
Application November 7, 1946, Serial No. 134,570
Term of patent 3½ years
(Cl. D56—4)



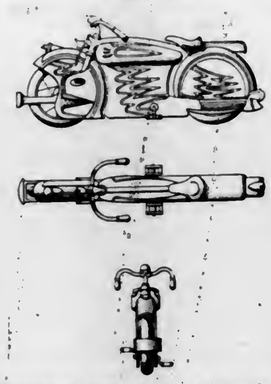
The ornamental design for a combined radio, clock and lamp, as shown and described.

149,407
DESIGN FOR A ROUNDABOUT
James S. Evans, San Marino, Calif.
Application April 18, 1946, Serial No. 128,723
Term of patent 14 years
(Cl. D34—5)



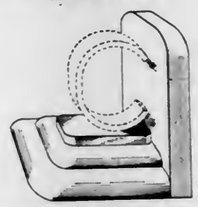
The ornamental design for a roundabout, as shown.

149,408
DESIGN FOR A BICYCLE
Royal J. Fuhs, Louisville, Ky.
Application May 17, 1946, Serial No. 129,813
Term of patent 14 years
(Cl. D90—8)



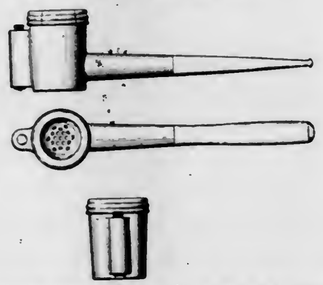
The ornamental design for a bicycle, as shown and described.

149,409
DESIGN FOR A BOOK END OR SIMILAR ARTICLE
Andrew G. Giegold, Jr., Mount Vernon, N. Y.
Application March 2, 1946, Serial No. 127,050
Term of patent 3½ years
(Cl. D33—1)



The ornamental design for a book end or similar article, as shown and described.

149,410
DESIGN FOR A TOBACCO PIPE
Everett E. Gregory, Kansas City, Mo.
Application September 30, 1946, Serial No. 133,656
Term of patent 14 years
(Cl. D85—8)



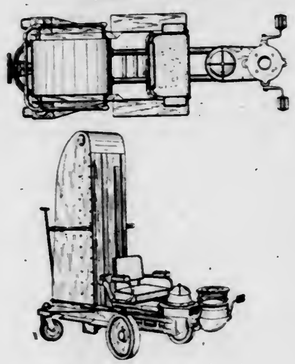
The ornamental design for a tobacco pipe, as shown.

149,411
DESIGN FOR A FRAME FOR WHEELED STROLLER VEHICLE
Bertron G. Harley, Penn Yan, N. Y., assignor to Mercury Aircraft, Inc., Hammondsport, N. Y.
Application March 13, 1946, Serial No. 127,409
Term of patent 3½ years
(Cl. D14—3)



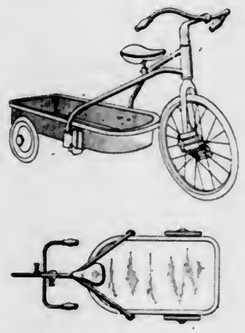
The ornamental design for a frame for wheeled stroller vehicle, substantially as shown and described.

149,412
DESIGN FOR A CAMERA DOLLY
Herbert W. Houston, Sherman Oaks, Calif., assignor to The Houston Corporation, Los Angeles, Calif., a corporation of California
Application November 18, 1946, Serial No. 134,860
Term of patent 3½ years
(Cl. D14—3)



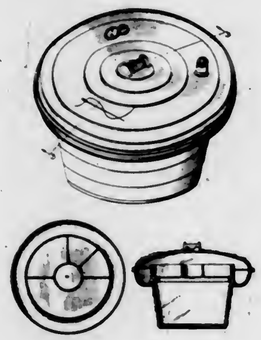
The ornamental design for a camera dolly, substantially as shown.

149,413
DESIGN FOR A COMBINED TRICYCLE AND WAGON
Robert O. Jackson, Highland Park, Mich.
Application September 27, 1946, Serial No. 133,613
Term of patent 7 years
(Cl. D34—15)



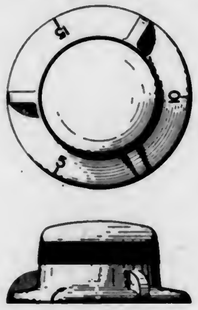
The ornamental design for a combined tricycle and wagon, substantially as shown.

149,414
DESIGN FOR A SEWING BOX
Herbert Jahn, Garfield, and Chester S. Zaremba, Paterson, N. J., assignors to Cascade Plastics, Inc., a corporation of New Jersey
Application February 4, 1947, Serial No. 136,670
Term of patent 14 years
(Cl. D3—19)



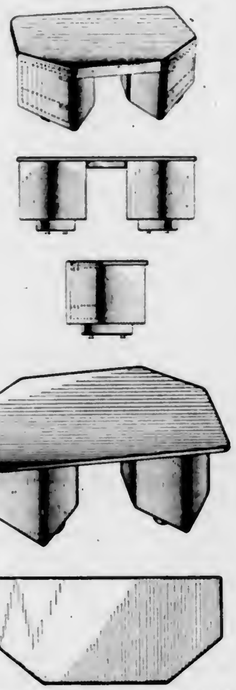
The ornamental design for a sewing box, as shown.

149,415
DESIGN FOR A CONTROL KNOB OR SIMILAR ARTICLE
Leon D. Johnson, Sellersville, Pa., assignor to American Machine and Metals, Inc., New York, N. Y., a corporation of Delaware
Application April 12, 1946, Serial No. 128,558
Term of patent 7 years
(Cl. D26—1)



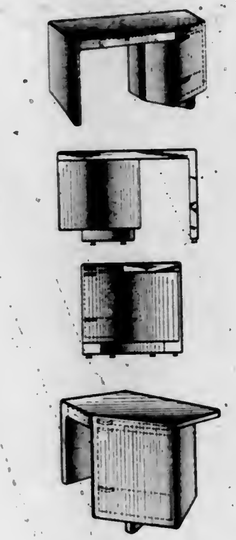
The ornamental design for a control knob or similar article, as shown.

149,416
DESIGN FOR A DESK
Charles E. Jones, Chicago, Ill.
Application December 6, 1946, Serial No. 135,319
Term of patent 14 years
(Cl. D33—7)



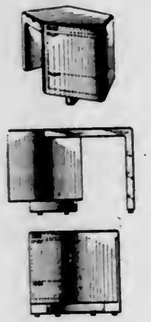
The ornamental design for a desk, substantially as shown.

149,417
DESIGN FOR A DESK
Charles E. Jones, Chicago, Ill.
Application December 6, 1946, Serial No. 135,320
Term of patent 14 years
(Cl. D33—7)



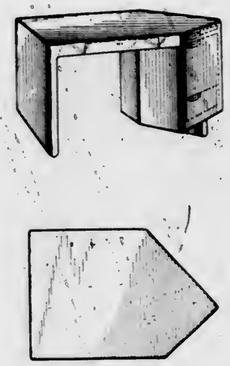
The ornamental design for a desk, substantially as shown.

149,418
DESIGN FOR A DESK
Charles E. Jones, Chicago, Ill.
Application December 6, 1946, Serial No. 135,321
Term of patent 14 years
(Cl. D33—7)



The ornamental design for a desk, substantially as shown.

149,418—Continued



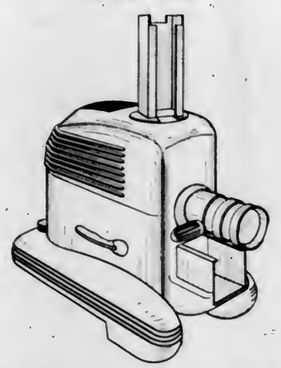
The ornamental design for a desk, substantially as shown.

149,419
DESIGN FOR A SHOE
Max Kagan, Old Town, Maine, assignor to Penobscot Shoe Company, Old Town, Maine, a corporation of Maine
Application April 4, 1947, Serial No. 138,161
Term of patent 3½ years
(Cl. D7—7)



The ornamental design for a shoe, substantially as shown.

149,420
DESIGN FOR AN AUTOMATIC SLIDE PROJECTOR
Edward C. Klotz, Jr., Brookfield Township, Waukesha County, Wis., assignor to Picture Recording Company, Chicago, Ill.
Application October 30, 1946, Serial No. 134,383
Term of patent 7 years
(Cl. D61—1)



The ornamental design for an automatic slide projector, as shown and described.

149,421
DESIGN FOR AN EMBROIDERED LACE COLLAR OR SIMILAR ARTICLE
Walter Kohn, New York, N. Y.
Application October 23, 1947, Serial No. 142,117
Term of patent 7 years
(Cl. D3—8)



The ornamental design for an embroidered lace collar or similar article, substantially as shown.

149,422
DESIGN FOR AN EMBROIDERED LACE COLLAR OR SIMILAR ARTICLE
Walter Kohn, New York, N. Y.
Application October 23, 1947, Serial No. 142,118
Term of patent 7 years
(Cl. D3—8)



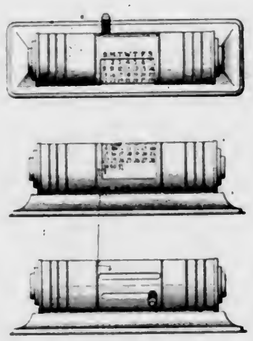
The ornamental design for an embroidered lace collar or similar article, substantially as shown.

149,423
DESIGN FOR AN EMBROIDERED LACE COLLAR OR SIMILAR ARTICLE
Walter Kohn, New York, N. Y.
Application October 23, 1947, Serial No. 142,119
Term of patent 7 years
(Cl. D3—8)



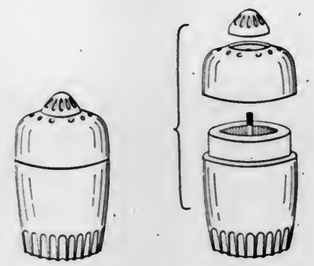
The ornamental design for an embroidered lace collar or similar article, substantially as shown.

149,424
DESIGN FOR A DESK CALENDAR
Edward Kottle, Lynbrook, N. Y.
Application November 29, 1947, Serial No. 142,883
Term of patent 7 years
(Cl. D74—5)



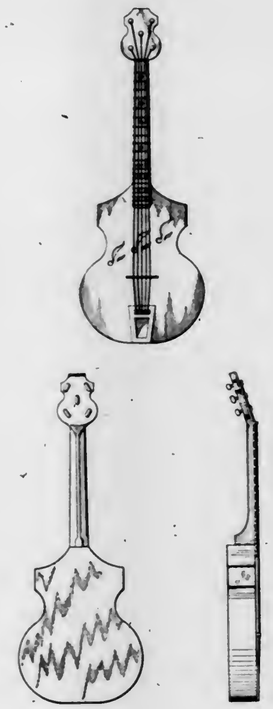
The ornamental design for a desk calendar substantially as shown and described.

149,425
DESIGN FOR A CONDIMENT DISPENSER
Chester A. Kurrash, Detroit, Mich.
Application November 8, 1946, Serial No. 134,637
Term of patent 14 years
(Cl. D44—22)



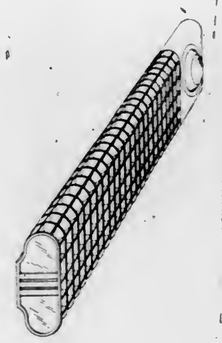
The ornamental design for a condiment dispenser, as shown.

149,426
DESIGN FOR A GUITAR
Leonard L. Lademann, Detroit, Mich.
Application October 25, 1946, Serial No. 134,239
Term of patent 14 years
(Cl. D56—1)



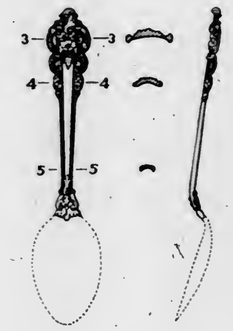
The ornamental design for a guitar, as shown.

149,427
DESIGN FOR A FLUORESCENT LIGHTING FIXTURE
Stanley E. Lindahl, Los Angeles, Calif.
Application March 4, 1947, Serial No. 137,338
Term of patent 7 years
(Cl. D48—23)



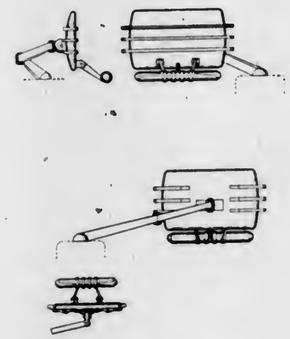
The ornamental design for a fluorescent lighting fixture, as shown and described.

149,428
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
Isadore A. Lipman, Meriden, Conn., assignor to The Ellmore Silver Co., Inc., Meriden, Conn., a corporation of Connecticut
Application December 30, 1947, Serial No. 143,431
Term of patent 14 years
(Cl. D54—12)



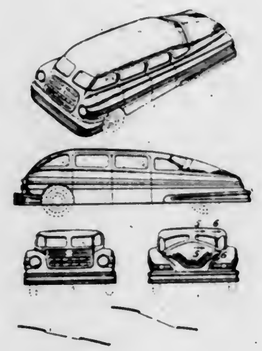
The ornamental design for a spoon or other article of flatware, as shown and described.

149,429
DESIGN FOR A COMBINED READING STAND AND LAMP
Frank J. Luketa, Seattle, Wash.
Application March 26, 1946, Serial No. 127,960
Term of patent 14 years
(Cl. D33—10)



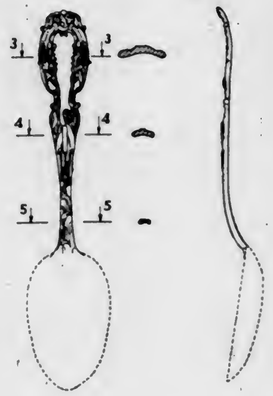
The ornamental design for a combined reading stand and lamp, substantially as shown.

149,430
DESIGN FOR AN AUTOMOBILE BODY
Casimir S. Lupinski, Hamtramck, Mich.
Application February 15, 1947, Serial No. 136,931
Term of patent 14 years
(Cl. D14—3)



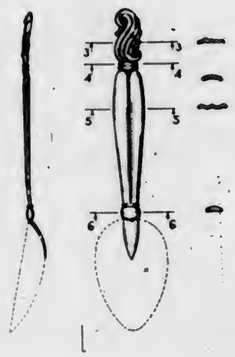
The ornamental design for an automobile body, as shown, and described.

149,431
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
Harry A. Malinowski, Meriden, Conn., assignor to The Ellmore Silver Co., Inc., Meriden, Conn., a corporation of Connecticut
Application December 5, 1947, Serial No. 142,976
Term of patent 14 years
(Cl. D54—12)



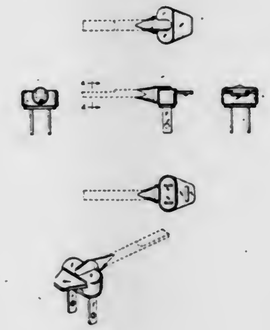
The ornamental design for a spoon or other article of flatware, as shown and described.

149,432
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
Thomas B. McKiernan, Meriden, Conn., assignor to The Ellmore Silver Co., Inc., Meriden, Conn., a corporation of Connecticut
Application January 29, 1947, Serial No. 136,488
Term of patent 14 years
(Cl. D54—12)



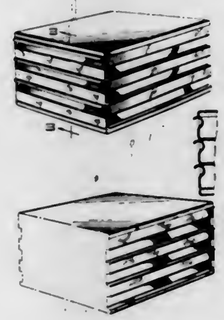
The ornamental design for a spoon or other article of flatware, as shown and described.

149,433
DESIGN FOR AN ELECTRIC ATTACHMENT PLUG
James B. Miller, Webster Groves, Mo., assignor to Mines Equipment Company, St. Louis, Mo., a corporation of Missouri
Application January 27, 1947, Serial No. 136,449
Term of patent 14 years
(Cl. D26—1)



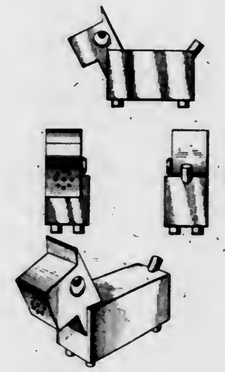
The ornamental design for an electric attachment plug, substantially as shown and described.

149,434
DESIGN FOR A CABINET
Jerome E. Moberg, Ellicottville, N. Y., assignor to Alfred E. Taylor, Detroit, Mich.
Application July 13, 1946, Serial No. 131,552
Term of patent 14 years
(Cl. D33—19)



The ornamental design for a cabinet, substantially as shown and described.

149,435
DESIGN FOR A RADIO BROADCAST RECEIVER
Frank E. Neill, Detroit, Mich., assignor of one-half to Richard H. Meigs, Dearborn, Mich.
Application January 24, 1947, Serial No. 136,362
Term of patent 14 years
(Cl. D56—4)



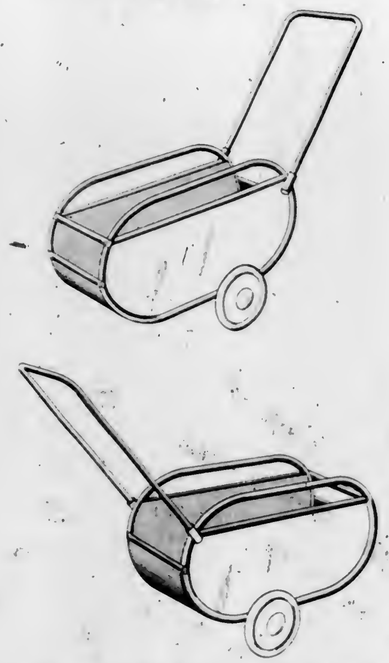
The ornamental design for a radio broadcast receiver, as shown and described.

149,436
DESIGN FOR A LAPEL AND POCKET BADGE OR SIMILAR ARTICLE
Robert J. Neller, Appleton, Wis., assignor to Neller Mfg. Co., Appleton, Wis., a corporation of Wisconsin
Application November 7, 1946, Serial No. 134,577
Term of patent 3½ years
(Cl. D45—19)



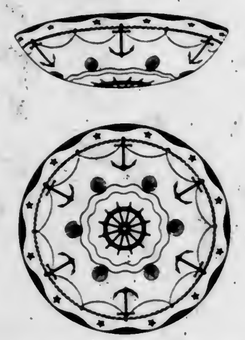
The ornamental design for a lapel and pocket badge or similar article, as shown.

149,437
DESIGN FOR A PUSHCART
Fred P. Nelson, Minneapolis, Minn.
Application March 7, 1947, Serial No. 137,431
Term of patent 7 years
(Cl. D14—3)



The ornamental design for a push cart, as shown.

149,438
DESIGN FOR AN ELECTRIC LIGHT BOWL
Albert J. D. Ohm, Buffalo, N. Y., assignor to Markel Electric Products, Inc., Buffalo, N. Y., a corporation of New York
Application February 25, 1947, Serial No. 137,164
Term of patent 3½ years
(Cl. D48—16)



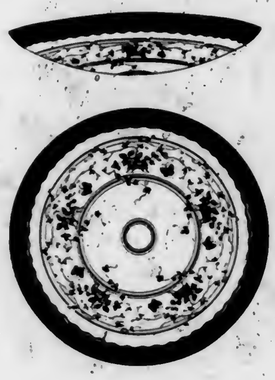
The ornamental design for an electric light bowl, as shown and described.

149,439
DESIGN FOR AN ELECTRIC LIGHT BOWL
Albert J. D. Ohm, Buffalo, N. Y., assignor to Markel Electric Products, Inc., Buffalo, N. Y., a corporation of New York
Application February 25, 1947, Serial No. 137,165
Term of patent 3½ years
(Cl. D48—16)



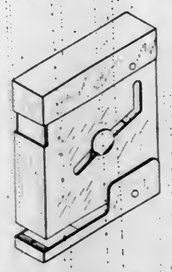
The ornamental design for an electric light bowl, as shown and described.

149,440
DESIGN FOR AN ELECTRIC LIGHT BOWL
Albert J. D. Ohm, Buffalo, N. Y., assignor to Markel Electric Products, Inc., Buffalo, N. Y., a corporation of New York
Application March 1, 1947, Serial No. 137,263
Term of patent 3½ years
(Cl. D48—16)



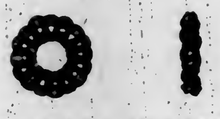
The ornamental design for an electric light bowl, as shown and described.

149,441
DESIGN FOR A STAPLE DRIVING MACHINE
Roy E. Peterson, Norwalk, Conn., assignor to The E. H. Hotchkiss Company, Norwalk, Conn., a corporation of Delaware
Application March 31, 1947, Serial No. 138,075
Term of patent 14 years
(Cl. D74—1)



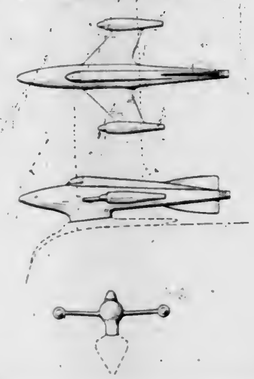
The ornamental design for a staple driving machine, substantially as shown and described.

149,442
DESIGN FOR A JEWELRY FINDING
Max Rahthus, New York, N. Y.
Application January 13, 1947, Serial No. 136,109
Term of patent 14 years
(Cl. D45—1)



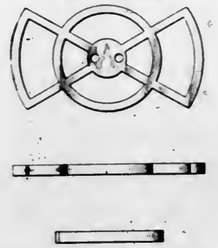
The ornamental design for a jewelry finding, substantially as shown.

149,443
DESIGN FOR AN AUTOMOBILE HOOD ORNAMENT
Lucian Ring, Detroit, Mich.
Application February 24, 1947, Serial No. 137,119
Term of patent 14 years
(Cl. D14—18)



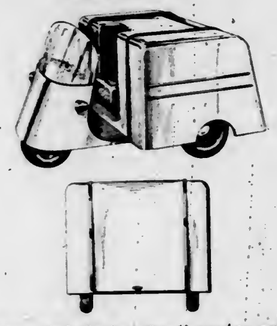
The ornamental design for an automobile hood ornament, substantially as shown and described.

149,444
DESIGN FOR A STEERING WHEEL
Julius Rose, Ridgewood, Long Island, N. Y.
Application September 12, 1946, Serial No. 133,270
Term of patent 14 years
(Cl. D14—30)



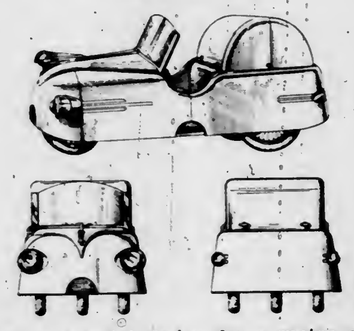
The ornamental design for a steering wheel, as shown.

149,445
DESIGN FOR A MOTOR VEHICLE
Julius Rose, Ridgewood, Long Island, N. Y.
Application September 12, 1946, Serial No. 133,271
Term of patent 14 years
(Cl. D14—3)



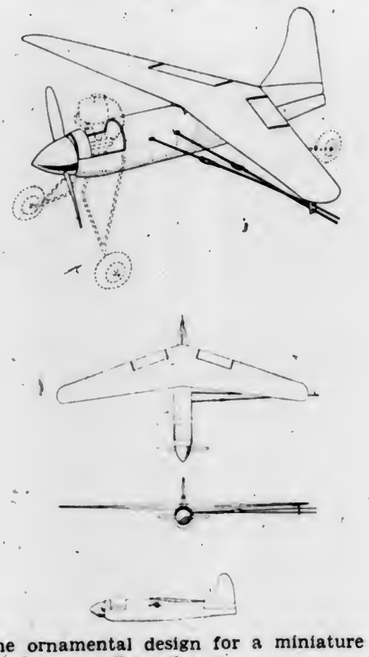
The ornamental design for a motor vehicle, as shown.

149,446
DESIGN FOR A MOTOR CAR
Julius Rose, Ridgewood, Long Island, N. Y.
Application October 16, 1946, Serial No. 133,988
Term of patent 14 years
(Cl. D14—3)



The ornamental design for a motor car, as shown and described.

149,447
DESIGN FOR A MINIATURE AIRPLANE
Virgil W. Russell, Fort Worth, Tex.
Application June 28, 1946, Serial No. 131,151
Term of patent 7 years
(Cl. D34—15)



The ornamental design for a miniature airplane, substantially as shown.

149,448
DESIGN FOR AN ELECTRIC LIGHTING FIXTURE
Martin W. Schwartz and Max J. Marks, Chicago, Ill.
Application July 1, 1946, Serial No. 131,246
Term of patent 14 years
(Cl. D48—4)



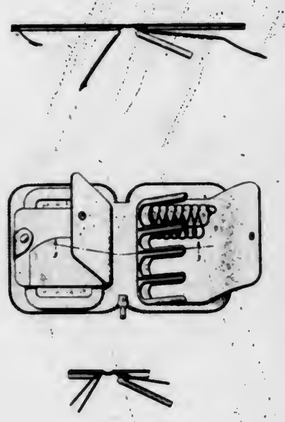
The ornamental design for an electric lighting fixture, as shown.

149,449
DESIGN FOR AN ELECTRIC LIGHTING FIXTURE
Martin W. Schwartz and Max J. Marks, Chicago, Ill.
Application July 1, 1946, Serial No. 131,248
Term of patent 14 years
(Cl. D48—4)



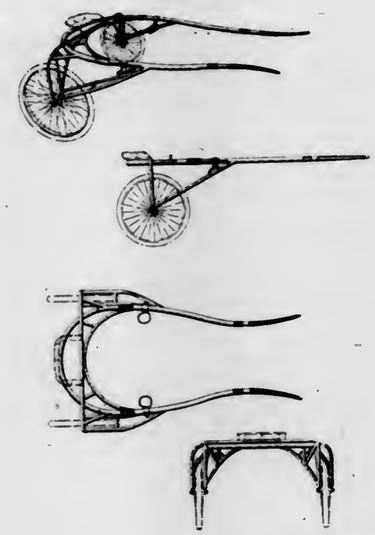
The ornamental design for an electric lighting fixture, as shown.

149,450
DESIGN FOR A COMBINED BILLFOLD, COIN HOLDER, AND KEY CASE
Abraham A. Seamon, Brooklyn, N. Y.
Application May 12, 1947, Serial No. 138,989
Term of patent 7 years
(Cl. D87—3)



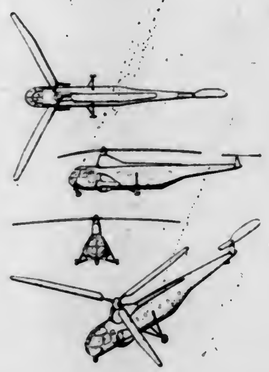
The ornamental design for a combined billfold, coin holder and key case, as shown and described.

149,451
DESIGN FOR A RACING SULKY
Robert A. Shuttleworth, Buffalo, N. Y.
Application December 2, 1946, Serial No. 135,215
Term of patent 3½ years
(Cl. D14—3)



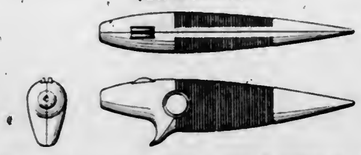
The ornamental design for a racing sulky, substantially as shown and described.

149,452
DESIGN FOR A HELICOPTER
Igor I. Sikorsky, Long Hill, and Michael E. Gluhareff, Bridgeport, Conn., assignors to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application September 24, 1946, Serial No. 133,533
Term of patent 7 years
(Cl. D71—1)



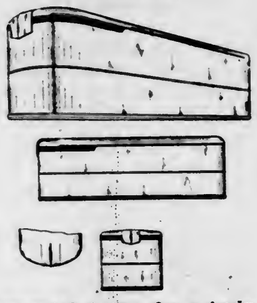
The ornamental design for a helicopter, substantially as shown.

149,453
DESIGN FOR A CONTROL HANDLE FOR LINE CONTROLLED MODEL AIRCRAFT
Victor Stanzel, Schulenburg, Tex.
Application January 24, 1947, Serial No. 136,359
Term of patent 14 years
(Cl. D34—5)



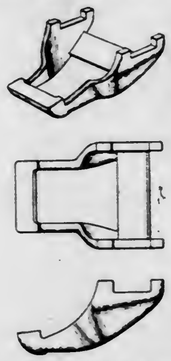
The ornamental design for a control handle for line controlled model aircraft, as shown.

149,454
DESIGN FOR A BODY FOR TRAILER VEHICLES
James Stephen, Edgerton, Wis., assignor to Highway Trailer Company, Edgerton, Wis.
Application September 27, 1946, Serial No. 133,611
Term of patent 14 years
(Cl. D14—3)



The ornamental design for a body for trailer vehicles, substantially as shown.

149,455
DESIGN FOR AN AUXILIARY CRADLE FOR TELEPHONE HANDSET
Harwood B. Stofer, Lakewood, Ohio
Application January 9, 1947, Serial No. 136,022
Term of patent 3½ years
(Cl. D48—14)



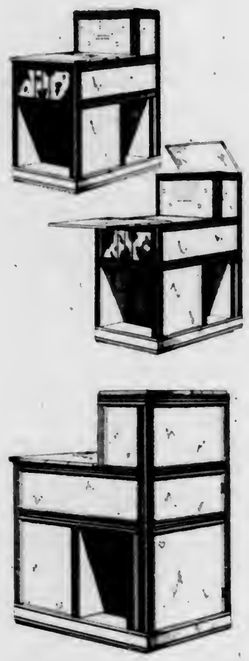
The ornamental design for an auxiliary cradle for telephone handset, substantially as shown.

149,456
DESIGN FOR A FINGER RING
Theodore F. Strub, Chicago, Ill.
Application March 27, 1947, Serial No. 137,951
Term of patent 14 years
(Cl. D45—10)



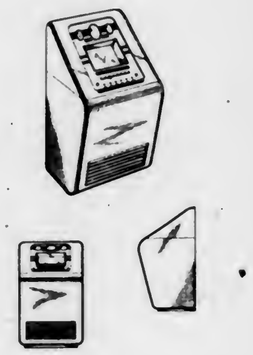
The ornamental design for a finger ring, as shown.

149,457
DESIGN FOR A RADIO CABINET
Umberto Tecca, Bridgeport, Conn., assignor of one-half to Eli Don Bullian, Greenbelt, Md.
Application February 12, 1947, Serial No. 136,876
Term of patent 7 years
(Cl. D56—4)



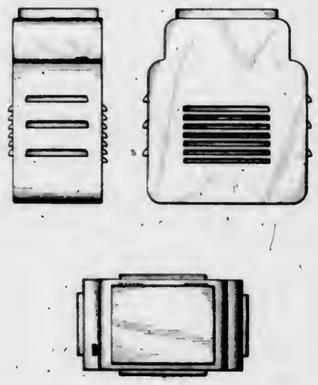
The ornamental design for a radio cabinet, as shown and described.

149,458
DESIGN FOR A CABINET FOR A FILM PROJECTION UNIT CONSTITUTING VISUAL TRAINING AND MECHANICAL GAME DEVICE
John Tjaarda, Grosse Pointe Shores, Mich., assignor, by mesne assignments, to Training Devices, Inc., Detroit, Mich., a corporation of Michigan
Application March 9, 1946, Serial No. 127,317
Term of patent 14 years
(Cl. D61—1)



The ornamental design for a cabinet for a film projection unit constituting visual training and mechanical game device, as shown.

149,459
DESIGN FOR A COMBINATION RADIO AND TELEVISION CABINET
Victor Trad, Deal, N. J.
Application January 24, 1947, Serial No. 136,352
Term of patent 3½ years
(Cl. D56—4)



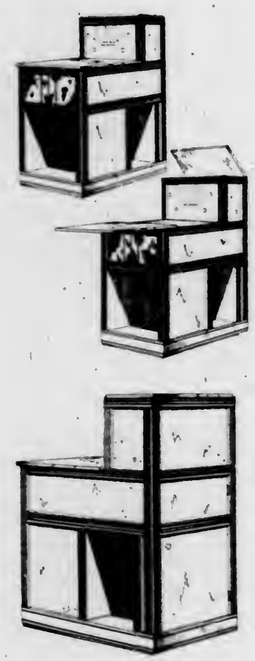
The ornamental design for a combination radio and television cabinet, as shown.

149,456
DESIGN FOR A FINGER RING
Theodore F. Strub, Chicago, Ill.
Application March 27, 1947, Serial No. 137,951
Term of patent 14 years
(Cl. D45—10)



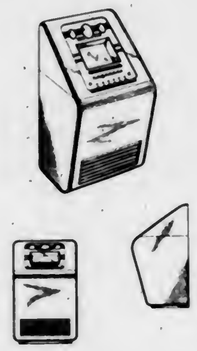
The ornamental design for a finger ring, as shown.

149,457
DESIGN FOR A RADIO CABINET
Umberto Tecca, Bridgeport, Conn., assignor of one-half to Eli Don Bullian, Greenbelt, Md.
Application February 12, 1947, Serial No. 136,876
Term of patent 7 years
(Cl. D56—4)



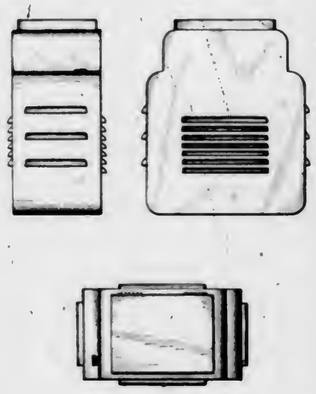
The ornamental design for a radio cabinet, as shown and described.

149,458
DESIGN FOR A CABINET FOR A FILM PROJECTION UNIT CONSTITUTING VISUAL TRAINING AND MECHANICAL GAME DEVICE
John Tjaarda, Grosse Pointe Shores, Mich., assignor, by mesne assignments, to Training Devices, Inc., Detroit, Mich., a corporation of Michigan
Application March 9, 1946, Serial No. 127,317
Term of patent 14 years
(Cl. D61—1)



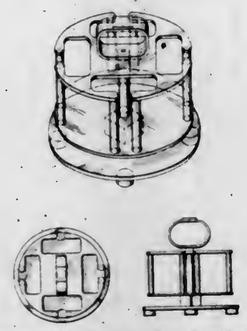
The ornamental design for a cabinet for a film projection unit constituting visual training and mechanical game device, as shown.

149,459
DESIGN FOR A COMBINATION RADIO AND TELEVISION CABINET
Victor Trad, Deal, N. J.
Application January 24, 1947, Serial No. 136,352
Term of patent 3½ years
(Cl. D56—4)



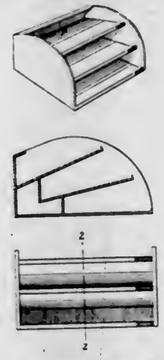
The ornamental design for a combination radio and television cabinet, as shown.

149,460
DESIGN FOR A CIGARETTE PACKAGE HOLDER OR SIMILAR ARTICLE
Henry J. Tunstall, Rockledge, Pa.
Application February 15, 1947, Serial No. 136,926
Term of patent 14 years
(Cl. D85—2)



The ornamental design for a cigarette package holder or similar article, as shown.

149,461
DESIGN FOR A FILE BOX
Gilbert Stanley Underwood, Washington, D. C.
Application December 9, 1946, Serial No. 135,362
Term of patent 3½ years
(Cl. D74—1)



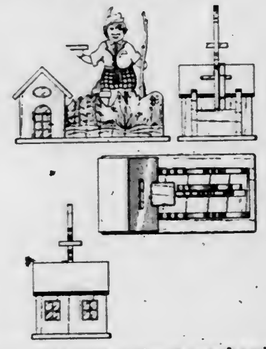
The ornamental design for a file box, as shown and described.

149,462
DESIGN FOR A ROSARY
Catherine Vandernoot, New York, N. Y.
Application April 6, 1946, Serial No. 128,344
Term of patent 14 years
(Cl. D45—16)



The ornamental design for a rosary, substantially as shown and described.

149,463
DESIGN FOR A MECHANICAL BANK
Jack J. Weintraub, Chicago, Ill.
Application June 28, 1946, Serial No. 131,131
Term of patent 14 years
(Cl. D34—11)



The ornamental design for a mechanical bank, as shown.

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